



## **PEACE RIVER REGIONAL DISTRICT**

**Housing Needs Assessment**

**CHETWYND – DAWSON CREEK - HUDSON'S HOPE – POUCE  
COUPE & RURAL AREAS**

**PEACE RIVER REGIONAL DISTRICT**  
**Housing Needs Assessment**  
**CHETWYND, DAWSON CREEK, HUDSON'S HOPE, POUCE COUPE &**  
**RURAL PEACE RIVER**  
**British Columbia**

**Prepared for:**

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# Executive Summary

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This study was commissioned by the Peace River Regional District in collaboration with the District of Chetwynd, City of Dawson Creek, District of Hudson's Hope, and Village of Pouce Coupe to refresh the region's understanding of its housing needs for 2024 and to meet the Province's new requirements of interim housing needs reports.

Housing Needs reports are required under a series of regulations to collect data on current housing outcomes as well as future housing expectations. Key components include:

- Collected Data Points.
- The supply of units needed over 5- and 20-year time spans.
- Statements about seven key areas of local need, including:
  - Affordable housing
  - Rental housing
  - Special needs housing
  - Seniors housing
  - Family housing
  - Housing in proximity to transit
  - A shelters and housing for people at risk of homelessness
- Core and Extreme Core Housing Need.
- Actions taken to address housing since a previous housing needs report.
- The change in housing units needed since the last adopted housing needs report.

Building upon previous housing needs assessments, the team explored extensive new data on the Region from the Census, from BC Stats, from CMHC, from other public and private data bases, together with extensive engagement with stakeholder, First Nations, local government, and others to enquire as to how people are living in the Peace in 2024.

Broadly, the study finds that while market housing outcomes in the Peace River Regional District are comparably good, there are housing gaps through which some, especially more vulnerable neighbors are falling through.

Using the province’s updated 2024 housing needs report methodology, we find that the region is expected to build 1,045 units in the coming five years and 3,991 units in the next twenty years. This amounts to a 4.2% increase in five years and a 16% increase over twenty years. There are limitations to this methodology, however it does provide a floor for forward policy making. This is approximately 200 units per year.

Table 1: Projected Housing Needs for 5 Years and 20 Years

| <b>Total Housing Need</b> |                         |                        |                                  |                            |                              |                         |                                  |                          |
|---------------------------|-------------------------|------------------------|----------------------------------|----------------------------|------------------------------|-------------------------|----------------------------------|--------------------------|
|                           | <b>Total - 20 Years</b> | <b>Total - 5 Years</b> | <b>Extreme Core Housing Need</b> | <b>Homeless Population</b> | <b>Suppressed Households</b> | <b>Projected Growth</b> | <b>Rental Vacancy Adjustment</b> | <b>Demand Adjustment</b> |
| Area B                    | 475                     | 125                    | 2.98                             | 29.64                      | 118.60                       | 319.48                  | 4.18                             | -                        |
| Area C                    | 575                     | 151                    | 2.43                             | 33.25                      | 112.39                       | 421.64                  | 5.44                             | -                        |
| Area D                    | 549                     | 143                    | 67.78                            | 25.64                      | 113.18                       | 338.05                  | 2.76                             | -                        |
| Area E                    | 277                     | 72                     | 13.61                            | 14.79                      | 45.13                        | 201.53                  | 2.43                             | -                        |
| Chetwynd                  | 243                     | 66                     | 10.16                            | 12.72                      | 79.89                        | 41.41                   | 6.02                             | 92.47                    |
| Dawson Creek              | 1,544                   | 392                    | 252.94                           | 67.51                      | 115.14                       | 781.97                  | -                                | 326.43                   |
| Hudson's Hope             | 142                     | 45                     | 4.35                             | 4.42                       | 33.63                        | 34.79                   | 1.34                             | 63.64                    |
| Pouce Coupe               | 186                     | 51                     | -                                | 4.03                       | 65.12                        | 15.25                   | 0.33                             | 101.09                   |
| <b>Total</b>              | <b>3,991</b>            | <b>1,045</b>           | 354.25                           | 192.00                     | 683.08                       | 2,154.12                | 22.50                            | 583.63                   |

The most notable driver of housing needs in the PRRD is by this methodology projected growth, for which more than 2,000 units are needed by 2041. Projected growth is based upon expected fertility and mortality of existing cohorts combined with projections of net migration based upon past patterns. Projected growth accounts for slightly more than half of required housing over 20 years, with the remainder driven by suppressed household formation (17%), demand adjustment (15%) and extreme core housing need (9%).

# Table of Contents

|  |           |
|--|-----------|
| <b>EXECUTIVE SUMMARY .....</b>                                 | <b>1</b>  |
| LIST OF FIGURES.....   | 4         |
| LIST OF TABLES .....   | 4         |
| <b>1. INTRODUCTION .....</b>                                   | <b>6</b>  |
| BACKGROUND .....   | 7         |
| OBJECTIVES .....   | 8         |
| STUDY LIMITATIONS.....   | 9         |
| REPORT STRUCTURE .....   | 11        |
| <b>2. COMMUNITY CONTEXT .....</b>                              | <b>13</b> |
| LOCATION .....   | 13        |
| PROVINCIAL ECONOMY.....  | 15        |
| LOCAL ECONOMY .....  | 16        |
| DEMOGRAPHIC TRENDS.....  | 24        |
| HOUSEHOLD TRENDS.....  | 28        |
| HOUSEHOLD INCOME.....  | 31        |
| POPULATION PROJECTION.....                                     | 35        |
| <b>3. HOUSING SUPPLY .....</b>                                 | <b>40</b> |
| HOUSING STOCK TRENDS.....                                      | 41        |
| NEW HOUSING .....  | 42        |
| HOUSING TENURE.....  | 44        |
| HOUSEHOLD MAINTENANCE.....                                     | 45        |
| NON-MARKET HOUSING.....  | 46        |
| HOUSING SUITABILITY AND ADEQUACY.....                          | 49        |
| SHELTER-COST-TO-INCOME-RATIO.....                              | 50        |
| CORE AND EXTREME CORE HOUSING NEED.....                        | 52        |
| <b>4. HOUSING MARKET CHARACTERISTICS.....</b>                  | <b>54</b> |
| HOUSING SALES ACTIVITY.....                                    | 54        |
| RENTAL HOUSING.....  | 57        |
| AFFORDABILITY OF MARKET RATE HOUSING.....                      | 58        |
| <b>5. CURRENT GAPS IN THE HOUSING MARKET.....</b>              | <b>60</b> |
| NON-MARKET HOUSING.....  | 60        |
| DIVERSE HOUSING.....   | 61        |
| DEALING WITH ECONOMIC UPS AND DOWNS.....                       | 61        |
| <b>6. HOUSING NEEDS PROJECTIONS.....</b>                       | <b>62</b> |
| HOW ARE HOUSING NEEDS CALCULATED.....                          | 62        |
| SUPPLY OF UNITS TO REDUCE EXTREME CORE HOUSING NEED.....       | 64        |
| SUPPLY OF UNITS TO REDUCE HOMELESSNESS.....                    | 65        |
| SUPPLY OF UNITS TO ADDRESS SUPPRESSED HOUSEHOLD FORMATION..... | 66        |

|   |            |
|---|------------|
| SUPPLY OF UNITS NEEDED TO MEET PROJECTED GROWTH.....            | 67         |
| SUPPLY OF UNITS NEEDED TO MEET AT LEAST A 3% VACANCY RATE.....  | 69         |
| SUPPLY OF UNITS NEEDED TO MEET LOCAL DEMAND.....                | 70         |
| ASSESSED HOUSING NEED.....                                      | 71         |
| <b>7. BEST PRACTICES.....</b>                                   | <b>72</b>  |
| SENIOR GOVERNMENT POLICY.....                                   | 72         |
| EFFECTIVE MEASURES.....   | 73         |
| <b>8. HOUSING ACTION PLAN: STRATEGIES.....</b>                  | <b>76</b>  |
| STRATEGIES FOR THE PEACE RIVER.....                             | 76         |
| <b>APPENDIX 1: IMPLEMENTATION OF HOUSING NEEDS REPORTS.....</b> | <b>86</b>  |
| CHETWYND.....   | 86         |
| DAWSON CREEK.....   | 86         |
| HUDSON’S HOPE.....  | 86         |
| POUCE COUPE.....  | 87         |
| PEACE RIVER REGIONAL DISTRICT.....                              | 87         |
| HOUSING AND TRANSPORTATION.....                                 | 88         |
| <b>APPENDIX 2: FURTHER STATISTICAL TABLES.....</b>              | <b>91</b>  |
| POPULATION GROWTH.....  | 91         |
| HOUSEHOLD SIZE OVER TIME.....                                   | 95         |
| MEDIAN HOUSEHOLD INCOME OVER TIME (INFLATION ADJUSTED).....     | 98         |
| CORE HOUSING NEED OVER TIME.....                                | 99         |
| <b>APPENDIX 3: HOUSING NEEDS CALCULATIONS.....</b>              | <b>102</b> |

## List of Figures

|  |    |
|--|----|
| Figure 1: Regional Map.....                                  | 13 |
| Figure 2: Regional Inset Map.....                            | 14 |
| Figure 3: PRRD Population Trend (Census).....                | 25 |
| Figure 4: PRRD Population Change by Age Group 2006-2021..... | 26 |
| Figure 5: Peace River Population Projection.....             | 36 |
| Figure 6: PRRD Building Permits, BC New Homes Registry.....  | 43 |
| Figure 7: BC New Homes Registry by Area.....                 | 43 |

## List of Tables

|  |    |
|--|----|
| Table 1: Projected Housing Needs for 5 Years and 20 Years..... | 2  |
| Table 2: RBC Economics Provincial Outlook (June 2024).....     | 15 |
| Table 3: Employment by Sectors over Time.....                  | 18 |
| Table 4: Employment by Major Sector.....                       | 19 |
| Table 5: NAICS Labour Force Counts By Area.....                | 20 |
| Table 6: NAICS Labour Force Shares by Area.....                | 22 |

|  |    |
|--|----|
| Table 7: Highest certificate, diploma or degree for the population aged 25-64 in private households.....                                   | 23 |
| Table 8: Commuting Destination for PRRD Areas.....   | 24 |
| Table 9: PRRD Population Evolution, 2006-2021.....   | 26 |
| Table 10: Population Density of PRRD Communities.....  | 27 |
| Table 11: Demographic Evolution by Area.....   | 28 |
| Table 12: Household Size.....  | 29 |
| Table 13: Private Households by Household Type.....  | 31 |
| Table 14: Income Distribution.....   | 33 |
| Table 15: Household Income by Area.....  | 34 |
| Table 16: Median Total Household Income by Area.....   | 35 |
| Table 17: Projected Population Change by Jurisdiction.....   | 38 |
| Table 18: BC Stats Population Projections.....   | 39 |
| Table 19: Total Private Dwellings By Occupancy and Usual Residency.....  | 40 |
| Table 20: Dwelling Units by Typology and Bedroom Count.....  | 41 |
| Table 21: Portion of Dwellings by Bedroom.....   | 42 |
| Table 22: Dwellings by Period of Constructions.....  | 44 |
| Table 23: Tenure by Area.....  | 45 |
| Table 24: Private households by age of primary household maintaner.....  | 46 |
| Table 25: Housing by Suitability and Adequacy Standards.....   | 49 |
| Table 26: Shelter Cost to Income Ratios.....   | 51 |
| Table 27: Shelter Cost to Income Ratios by Area.....   | 51 |
| Table 28: Core Housing Need.....   | 52 |
| Table 29: Core Housing Need.....   | 52 |
| Table 30: Tenant Shelter Costs.....  | 57 |
| Table 31: Affordability by Typology.....   | 59 |
| Table 32: Affordability by Household Type.....   | 59 |
| Table 33: Housing Need from Extreme Core Housing Need.....   | 64 |
| Table 34: Units Required to Address Regional Homelessness.....   | 65 |
| Table 35; Housing Need due to Suppressed Household Formation.....  | 66 |
| Table 36: Supply of Units Necessary to Meet Projected Growth.....  | 67 |
| Table 37: Supply of Units Necessary to Reduce Rental Vacancy Rates.....  | 69 |
| Table 38: Demand Factors for PRRD.....   | 70 |
| Table 39: Demand Adjustment Unit Counts.....   | 71 |
| Table 40: Assessment of Housing Needs.....   | 71 |
| Table 42: Main Mode of Commuting for the Employed Labour Force age 15 Years and Over with a Usual Place of Work or No Fixed Workplace..... | 88 |

# 1. Introduction

Urbanics Consultants Ltd. has been retained by the Peace River Regional District to create a housing needs report for rural areas of the Peace River Regional District, together with the District of Chetwynd, City of Dawson Creek, District of Hudson's Hope, and Village of Pouce Coupe. This report will address economic conditions, housing markets, affordable housing availability, and projected housing needs.

The Consultant crafted this report from study and analysis of data provided by BC Stats, Statistics Canada, CMHC, Peace River Regional District and others, together with interviews with stakeholders such as affordable housing operators, business owners, non-profits, First Nations, and members of the public, in collaboration with PRRD Staff.

While Peace River residents enjoy lower housing costs and higher incomes than most British Columbians, there are still gaps in the housing market which local government can help address.

- Supporting and expanding housing for low-income and disadvantaged neighbours,
- Support for social, community and demographic change,
- Working with the ups and downs of the local economy
- Supporting the housing needs of seniors

This study is a comprehensive review of such concerns and identifies a few appropriate strategies for addressing them.

## Background

Housing Needs Report legislation was established in 2019, and as evolved since that time to create a regularized system of housing needs reporting for most all municipalities and electoral areas in British Columbia. They are intended to help communities and policy makers understand current housing challenges, emerging future challenges, and qualitative and quantitative conditions, and are structured to provide key inputs to official community plans and other planning bylaws.

Under the regulations adopted in 2024, they are required to report:

- Housing supply needs over 5 and 20 years for the following categories:
  - Extreme core housing need
  - Homelessness
  - Supressed household formation
  - Projected household growth
  - Achieving healthy rental vacancy rates
  - Provincially-directed 'demand buffer'
- Statements about seven areas of housing need, such as
  - Affordable housing
  - Rental housing
  - Special needs housing
  - Seniors housing
  - Family housing
  - Housing proximate to transit
  - Shelters and homeless housing.

## Objectives

The main objectives of the study are to:

- Review existing studies and research related to housing-oriented policies and market and non-market rate housing in the community.
- Collect in convenient and format economic and demographic data on factors that contribute to the availability and need for housing.
- Review existing studies and research related to the housing-oriented policies and market and non-market rate housing in the community.
- Analyze population, socio-economic and employment trends to develop a full picture of the community, how people work, and what they need.
- Review and analyze the local and regional housing policies, bylaws, tools, incentives, and programs to support affordable housing.
- Examine the current housing market characteristics and develop a comprehensive housing profile, including housing stock (market and non-market rate housing), vacancy, rental revenues, and sale prices, dwelling type preferences (single-family, townhouse and apartments) and tenure preferences.
- Estimate the housing needs over the next 5 to 20 years.
- Identify and prioritize strategies to address any current and anticipated gaps in the housing continuum.
- Provide strategies to address the breadth and depth of housing issues in the community.
- Meet the requirements for a British Columbia Housing Needs Report as updated in 2024.

## Study Limitations

As with all studies, there are limitations. It is unfortunate that for smaller jurisdictions the full set of data that might be available for major metropolitan areas is unavailable. The survey size of some communities and some populations may suggest greater hesitance in interpreting results. Nonetheless, the team was able to put together a considerable amount of high-quality data.

Data and statistics for the report was sourced from a variety of government (federal, provincial, regional, municipal) and private sector sources (real estate boards, commercial brokerages, subscription-based data services). One of the key limitations of this study is that census data is reflecting 2021 conditions. These are now 3 years out of date and will be replaced by new data in 2026-2027 when a new census is conducted. Census data is subject to random rounding up or down, so any figures from the Census should be read as plus or minus 10.

2021 was perhaps the most peculiar year in living memory for demographics. The Covid-19 Pandemic had massively changed economic activity 2020-2022. Pandemic response had injected large amounts of public money into the economy, including Canada Emergency Response Benefit (CERB) funds paid to out-of-work residents, often more than they made previously. The Canada Emergency Wage Subsidy (CEWS) kept businesses afloat with money they may have not earned without the pandemic. Shrunken employment tended to disproportionately effect lower income households, biasing income statistics up.

Additionally, the inflation seen the last several years mostly happened after May 2021 when the Census was conducted. According to the Bank of Canada, a dollar in 2021 is worth the equivalent of \$1.13 in todays money (13% inflations), and this change has not fallen evenly across the economy.

The methodology for calculating housing needs is one provided by the province. It is not a market-based measure, and its outputs do not imply that anyone will be able to afford and build the housing estimated to be needed. It does include a 'demand factor' for municipalities, however this multiplier is a black-box number provided by the province with minimal explanation other

than it is supposed to reflect housing demand. The housing needs methodology is, though, multi-faceted, and does include concerns such as homelessness, suppressed household formation, rental vacancy rates, and projected growth.

As with all market studies of this sort, a number of forecasts and assumptions regarding the state of the economy, the state of future competitive influences, and population projections have had to be made. These forecasts are made with great care and are based on the most recent and reliable information available. While specific assumptions may be noted throughout the report, the following general assumptions also apply:

- Real G.D.P. growth and other economic indicators for the area will not significantly differ from the projections indicated in the study over the course of the study period.
- Actual population growth rates will occur relatively consistent with those employed in this study.
- No unforeseen economic or political events will occur within the study period on a national, provincial, or local level, which would significantly alter the outcomes of the study's analyses. Short-term fluctuations are likely to occur, but long-term gradual growth rates should prevail.
- The demand and market analyses are based on estimates, assumptions and other information developed using provincially mandated methodology.

Should these or any of the other assumptions noted in this study be undermined by the course of future events, the Consultant recommends that the study's findings be re-examined.

All sources for data tables and figures are from the Census (1996-2021) and analytical work by the consultant unless otherwise stated.

## Report Structure

The following outlines the structure of the report:

### 1. Introduction

The Introduction provides the overall objectives for the study, the methodology, and key limitations.

### 2. Community Context

This section examines the economic and geographic circumstances the community finds itself in. These circumstances constitute fundamental drivers of housing need. Over the course of this section, a demographic and economic profile of the community will be developed, using official data, third party data, as well as insights from industry professionals. This section will further examine growth trends in the community over previous decades, and project population growth into the future.

### 3. Housing Supply

This section will investigate the existing stock of homes in Peace River Regional District, by type and tenure. Sales and rental activity will be examined, and non-market housing supply will be investigated. Housing quality will be examined, looking at suitability, adequacy, and affordability, as well as the portion of households experiencing Core Housing Need. This section will be based on Census data, property information, original research and other available data sources.

### 4. Housing Market Characteristics

This section will examine the state of the rental and for-sale markets in the community, including affordability levels by typology, tenure, and household type.

### 5. Current Gaps in the Housing Market

This section will examine where the housing stock falls short of present needs for types, tenures, and levels of affordability, based upon key housing demand factors such as population growth and household income.

## **6. Housing Needs Projection**

Utilizing available population forecasts and Census data, this section will arrive at a projection of non-market and market housing needs for the coming decades.

## **7. Best Practices**

This section will examine best practices in similarly situated areas for ameliorating the housing problem.

## **8. Housing Action Plan: Strategies**

This section will explore the report's findings of both qualitative and quantitative research as well as address key issues.

## **Appendix 1: Implementation**

This section will provide information on how previous housing needs studies have been implemented, as well as the importance of active-transportation for housing.

## **Appendix 2: Further Statistical Tables**

Here are further charts and tables regarding conditions in Peace River Communities

## **Appendix 3: Housing Needs Calculations**

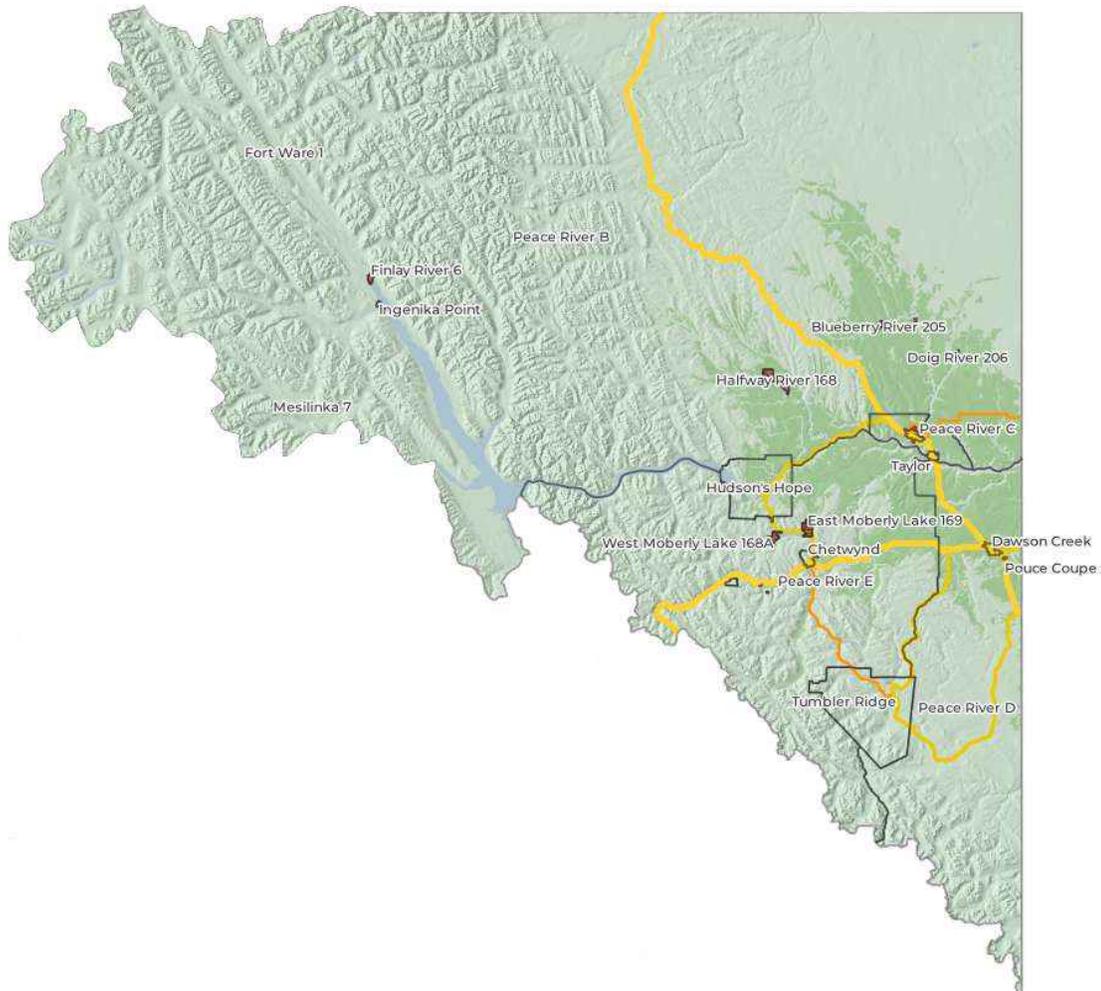
This section will provide more detailed information on housing needs calculations for each area.

## 2. Community Context

### Location

This study is for rural areas of the Peace River Regional District, together with the District of Chetwynd, City of Dawson Creek, District of Hudson's Hope, and Village of Pouce Coupe. The Peace River Regional District spans between the

Figure 1: Regional Map

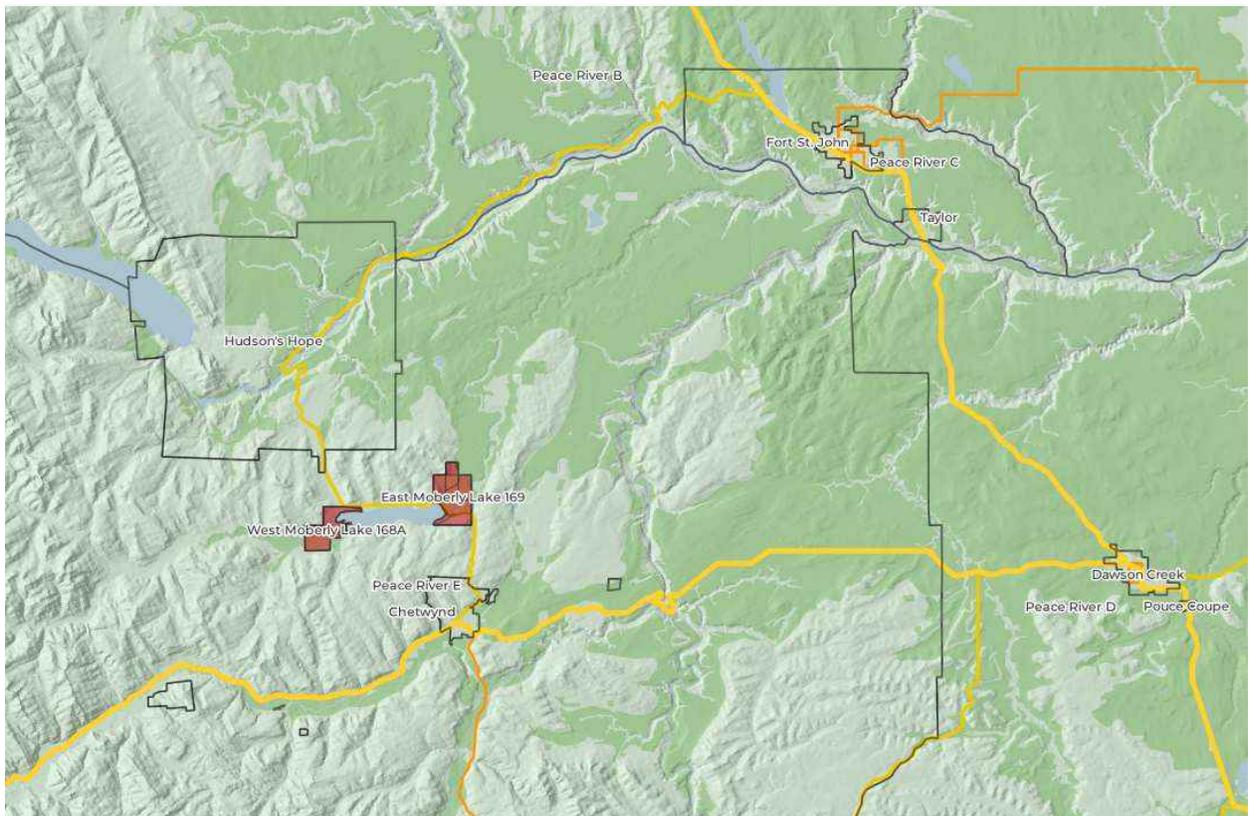


Northern Rocky Mountains to the west, the Alberta Border to the east and south of the Northern Rockies Regional Municipality. The region is connected to the rest of British Columbia by Highway 97 over Pine Pass and is traversed

by the famous Alaska Highway connecting Alaska and Yukon to Alberta. Included among the region’s communities are the City of Fort Saint John, the City of Dawson Creek, the District of Chetwynd, the District of Tumbler Ridge, the District of Taylor, the District of Hudson’s Hope, and the Village of Pouce Coup

The region is within the traditional territory of the Dane-Zaa (Beaver), signatories of Treaty 8 and the Metis Nation of BC Region 7. There are nine First

Figure 4: Regional Inset Map



Nations Communities within the PRRD including:

- Doig River First Nation
- Blueberry River First Nation
- Halfway River First Nation
- West Moberly First Nation
- Saulteau First Nation
- Kelly Lake Cree Nation

- Kwadacha First Nation
- Tsay Keh Dene Nation
- McLeod Lake (Tse'Kehene) Band

## Provincial Economy

This section looks at the projected trajectory of the province's economy, which illustrates the economic basics of jobs, income, consumption, production, and other factors that drive demand for homes across British Columbia.

Table 3: RBC Economics Provincial Outlook (June 2024)

| June 2024              | British Columbia |      |      |      |      |       |       |       |
|------------------------|------------------|------|------|------|------|-------|-------|-------|
|                        | 2018             | 2019 | 2020 | 2021 | 2022 | 2023F | 2024F | 2025F |
| Real GDP               | 3.5              | 2.6  | -3.1 | 7.1  | 3.8  | 1.6   | 0.7   | 1.8   |
| Nominal GDP            | 5.4              | 3.9  | -0.5 | 15.8 | 11.0 | 3.4   | 3.7   | 3.5   |
| Employment             | 1.8              | 2.7  | -6.3 | 6.2  | 3.2  | 1.6   | 1.8   | 0.7   |
| Unemployment Rate (%)  | 4.6              | 4.8  | 9.1  | 6.6  | 4.6  | 5.2   | 5.8   | 5.8   |
| Retail Sales           | 2.6              | 1.3  | 1.8  | 12.6 | 3.1  | -0.1  | 0.2   | 2.3   |
| Housing Starts (,000s) | 40.9             | 44.9 | 37.7 | 47.6 | 46.7 | 50.5  | 51.4  | 54.5  |
| Consumer Price Index   | 2.7              | 2.3  | 0.8  | 2.8  | 6.9  | 4.0   | 2.4   | 1.6   |

The last several years have seen something of a roller coaster in economic conditions in British Columbia and more broadly. Real GDP has been growing, though at a slower rate than in pre-pandemic years. As has been widely remarked, this growth, has been offset by fast population growth in the last two years. Inflation-adjusted economic growth is expected to increase from 0.7% in 2024 to 1.8% in 2025, which should improve per-person economic conditions as immigration levels are returned to more normal rates.

Unemployment rates are expected to have stabilized at a modest level (5.2-5.8%), which is higher than pre-pandemic, though not exceptionally high. The employment is projected to grow at a more modest pace than in previous years, but continued growth is projected by RBC. Retail sales are expected to grow at a very slow rate in 2024, (0.2%) increasing by 2.4% in 2025, lagging economic growth as households impacted by inflation and the cost-of-living act more cautiously and

RBC and other observers expect housing starts to increase compared to pre-pandemic years, with more than 50,000 housing starts projected for 2024 and 2025. To some extent this is driven by strong demand and high prices, but also

driven by new provincial policies including Transit Oriented Areas and multiplex legislation aimed at increasing homebuilding. This is, however, fragile, given increased construction costs, high interest rates, and subdued consumer sentiment. In so far as higher levels of housing starts can be encouraged, this will improve overall economic outcomes including overall growth and cost of living pressures. Under these circumstances, a high-level estimate of the trajectory of housing prices is difficult to ascertain, especially as long as construction costs remain elevated.

Inflation is expected to continue normalizing in 2024 and 2025, with inflation rates expected to fall below the Bank of Canada's 2% target in 2025 (1.6%). Concern over inflation is likely to continue, as despite declining rates of price increases, many members of the public will continue to notice the elevated price level. As of report writing, interest rates are expected to continue to fall from their post-pandemic highs to more normal rates but are unlikely to return to the low levels seen in the 2008-2018 or 2020-2022 periods.

## Local Economy

### The Peace Country

The Peace River Regional District is most well associated with natural resources. Among the most prominent are some of the most northerly farmlands in North America. The Peace is home to one of the world's largest earthen dams, at WAC Bennet which combined with Peace Canyon and Site C Dam provide more than 4,500 megawatts of power. The region's abundant hydrocarbon resources provide a substantial benefit to the regional economy, including natural gas as well as the famous coal mines developed in Tumbler Ridge in the 1980s. In addition to the natural resource base, the Peace River Regional District enjoys the benefits of the service economy, industry, logistics, and public services as the major components of spending and employment.

Among the most notable impacts on the Peace in recent years has been the ongoing construction of Site C Dam, a 1.1-gigawatt, \$16 billion dollar investment in hydroelectric power on the Peace River which is as of time of publication of this report presently being filled. As construction spending winds down, it will reduce the impact of this project on the local economy.

Table 6: Employment by Sectors over Time

Table 7: Employment by Major Sector  
Table 8 shows employment by major sectors of the economy for PRRD Industries (using North American Industry Classification System (NAICS) 2-digit codes used by Statistics Canada) have been grouped in the following way:

- Tourism: accommodation & food services; arts, entertainment & recreation; and information & cultural industries.
- Business, finance, and management: finance & insurance; real estate, rental & leasing; and management of companies & enterprises.
- Public services: healthcare & social assistance; education services; administration & support; waste management & remediation; utilities & public administration.
- Manufacturing and innovation: manufacturing; construction; professional, scientific & technical services; mining, quarrying, oil & gas extraction; and agriculture, forestry, fishing & hunting.
- Trade services: wholesale trade; retail trade and transportation & warehousing.

- Other Services: repair & maintenance; personal & laundry services; religious, grant making, civic, and professional & similar organizations; and private household domestic labour.

Table 6: Employment by Sectors over Time

| Major Economic Sectors          | PRRD            |                 |                 |                 |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|
|                                 | 2006            | 2011            | 2016            | 2021            |
| Tourism                         | 3,110<br>(9%)   | 2,890<br>(8%)   | 3,170<br>(9%)   | 3,390<br>(9%)   |
| Business finance and management | 1,340<br>(4%)   | 1,360<br>(4%)   | 1,365<br>(4%)   | 1,185<br>(3%)   |
| Public services                 | 6,975<br>(21%)  | 7,490<br>(22%)  | 7,675<br>(22%)  | 9,185<br>(25%)  |
| Manufacturing and innovation    | 13,370<br>(39%) | 13,750<br>(40%) | 13,815<br>(40%) | 13,645<br>(38%) |
| Trade services                  | 7,405<br>(22%)  | 6,985<br>(20%)  | 6,645<br>(19%)  | 7,100<br>(20%)  |
| Other services                  | 1,670<br>(5%)   | 2,005<br>(6%)   | 2,040<br>(6%)   | 1,830<br>(5%)   |
| <b>Total</b>                    | <b>33,870</b>   | <b>34,480</b>   | <b>34,710</b>   | <b>36,335</b>   |

Looking at total employment numbers, the most important part of the Peace River economy from an employment standpoint is the 'Manufacturing and innovation' category, which for these purposes includes oil and gas extraction, mining, and agriculture in addition to manufacturing and related professional services, accounting for 38% of the workforce in 2021.

Per Census figures, Employment has remained broadly steady over the previous 15 years, increasing approximately 0.47% per year on average, or 7% over the 15 years between 2006 and 2021. While the overall composition of the labour force has remained broadly stable, there have been declining shares of the population engaged in Business, Finance, and Management (4% to 3% 2016-2021), while Public Services have increased (22% to 25% 2016-2021).

The areas under study do show some variation in employment patterns. The Tourism Sector is most prominent in Dawson Creek (12%) while in Pouce Coupe and Area C approximately zero workers work in these areas. The business sector is best represented in Pouce Coup (4%), Dawson Creek (3%) and Area C (4%), while generally comprising a small portion of the workforce. The Public Service sector is noticeable in Dawson Creek, befitting a regional hub and PRRD headquarters, and comprises 30% of the workforce resident there, while comprising nearly half (49%) of all workers in Hudson’s Hope. In other areas public services comprise 16-24% of the workforce. Manufacturing, including primary industries, is most important in Area B, where 55% of workers fit into this segment, and in general is the most important part of the labour force outside Dawson Creek and Hudson’s Hope.

Table 9: Employment by Major Sector

| Major Economic Sectors          | Area B         | Area C       | Area D         | Area E       | Chetwynd     | Dawson Creek   | Hudson's Hope | Pouce Coupe  | PRRD            | BC               |
|---------------------------------|----------------|--------------|----------------|--------------|--------------|----------------|---------------|--------------|-----------------|------------------|
| Tourism                         | 130<br>(4%)    | 0<br>(0%)    | 175<br>(6%)    | 115<br>(7%)  | 135<br>(10%) | 865<br>(12%)   | 60<br>(14%)   | 0<br>(0%)    | 3,390<br>(9%)   | 359,555<br>(13%) |
| Business finance and management | 60<br>(2%)     | 15<br>(4%)   | 65<br>(2%)     | 35<br>(2%)   | 35<br>(2%)   | 250<br>(3%)    | 0<br>(0%)     | 15<br>(4%)   | 1,185<br>(3%)   | 172,620<br>(6%)  |
| Public services                 | 580<br>(20%)   | 95<br>(24%)  | 640<br>(23%)   | 255<br>(16%) | 305<br>(22%) | 2,175<br>(30%) | 205<br>(49%)  | 95<br>(24%)  | 9,185<br>(25%)  | 849,645<br>(30%) |
| Manufacturing and innovation    | 1,605<br>(55%) | 160<br>(41%) | 1,250<br>(46%) | 795<br>(51%) | 625<br>(44%) | 1,900<br>(26%) | 70<br>(17%)   | 160<br>(41%) | 13,645<br>(38%) | 773,980<br>(27%) |
| Trade services                  | 385<br>(13%)   | 100<br>(25%) | 430<br>(16%)   | 270<br>(17%) | 260<br>(18%) | 1,725<br>(24%) | 70<br>(17%)   | 100<br>(25%) | 7,100<br>(20%)  | 573,660<br>(20%) |
| Other services                  | 155<br>(5%)    | 25<br>(6%)   | 175<br>(6%)    | 80<br>(5%)   | 50<br>(4%)   | 315<br>(4%)    | 15<br>(4%)    | 25<br>(6%)   | 1,830<br>(5%)   | 126,430<br>(4%)  |
| Total                           | 2,915          | 395          | 2,735          | 1,550        | 1,410        | 7,230          | 420           | 395          | 36,335          | 2,855,890        |

Peace River Regional District – Housing Needs Assessment

In the next two tables readers can find finer-grained breakdowns of the Peace River Employment Among the most notable concentrations compared to Province-wide include Mining, Quarrying and oil and gas extraction, comprising 11.5% of the labour force compared to 1% in British Columbia. This sector is most noticeable in Pouce Coupe where it comprises 19% of

Table 12: NAICS Labour Force Counts By Area

| Labour Force by Industry, 2021                     | Area B | Area C | Area D | Area E | Chetwynd | Dawson Creek | Hudson's Hope | Pouce Coupe | PRRD   | BC        |
|--|--------|--------|--------|--------|----------|--------------|---------------|-------------|--------|-----------|
| Total labour force                                 | 2,445  | 3,230  | 2,520  | 1,415  | 1,275    | 1,920        | 380           | 380         | 33,545 | 2,657,275 |
| Industry - not applicable                          | 10     | 25     | 35     | 35     | 0        | 30           | 0             | 0           | 540    | 54,165    |
| All industries                                     | 2,435  | 3,205  | 2,490  | 1,380  | 1,270    | 1,895        | 380           | 380         | 33,005 | 2,603,110 |
| 11 Agriculture; forestry; fishing and hunting      | 700    | 165    | 390    | 225    | 85       | 140          | 20            | 0           | 1,955  | 69,390    |
| 21 Mining; quarrying; and oil and gas extraction   | 295    | 480    | 265    | 190    | 160      | 580          | 10            | 75          | 4,165  | 27,375    |
| 22 Utilities                                       | 30     | 45     | 25     | 10     | 20       | 35           | 85            | 0           | 520    | 15,605    |
| 23 Construction                                    | 350    | 570    | 320    | 150    | 75       | 660          | 40            | 70          | 4,185  | 255,045   |
| 31-33 Manufacturing                                | 80     | 85     | 115    | 170    | 265      | 280          | 0             | 15          | 1,610  | 164,770   |
| Goods producing industries                         | 1,455  | 1,345  | 1,115  | 745    | 605      | 1,695        | 155           | 160         | 12,435 | 532,185   |
| 41 Wholesale trade                                 | 40     | 150    | 80     | 20     | 25       | 200          | 0             | 15          | 975    | 85,960    |
| 44-45 Retail trade and warehousing                 | 160    | 330    | 170    | 115    | 110      | 1,050        | 35            | 45          | 3,870  | 333,160   |
| 51 Information and cultural industries             | 0      | 0      | 0      | 10     | 20       | 60           | 0             | 0           | 245    | 77,280    |
| 52 Finance and insurance                           | 15     | 60     | 40     | 10     | 20       | 155          | 0             | 15          | 570    | 101,425   |
| 53 Real estate and rental and leasing              | 45     | 105    | 25     | 25     | 15       | 95           | 0             | 0           | 595    | 64,995    |
| 54 Professional; scientific and technical services | 180    | 230    | 160    | 60     | 40       | 240          | 0             | 0           | 1,730  | 257,400   |
| 55 Management of companies and enterprises         | 0      | 0      | 0      | 0      | 0        | 0            | 0             | 0           | 20     | 6,200     |
| 56 Admin & support; waste mgmt & remediation       | 140    | 145    | 60     | 60     | 45       | 240          | 40            | 10          | 1,330  | 124,530   |
| 61 Educational services                            | 190    | 180    | 170    | 80     | 50       | 530          | 20            | 40          | 2,370  | 211,500   |
| 62 Health care and social assistance               | 115    | 190    | 240    | 75     | 145      | 1,015        | 35            | 25          | 3,090  | 344,345   |
| 71 Arts; entertainment and recreation              | 30     | 60     | 60     | 40     | 0        | 125          | 15            | 0           | 620    | 71,705    |
| 72 Accommodation and food services                 | 100    | 95     | 115    | 65     | 115      | 680          | 45            | 0           | 2,525  | 210,570   |
| 81 Other services (except public administration)   | 155    | 250    | 175    | 80     | 50       | 315          | 15            | 25          | 1,830  | 126,430   |
| 91 Public administration                           | 105    | 120    | 145    | 30     | 45       | 355          | 25            | 20          | 1,875  | 153,665   |
| Services producing industries                      | 1,460  | 2,260  | 1,620  | 805    | 805      | 5,535        | 265           | 235         | 23,900 | 2,323,705 |

occupations, and least prominent in Hudson's Hope where only 2.4% of employees work in this sector. Agriculture, forestry, fishing, and hunting occupy twice as large a proportion of the workforce in the PRRD (5.4% than in the province as a whole (2.4%) reflecting the local economy. Likely reflecting major capital projects underway at this time, the Construction sector is outsized in the PRRD, accounting for 11.5% of the work force, compared to 8.9% in British Columbia overall, and is especially noticeable in Pouce Coupe (17.7%) and Area C (15.8%). Manufacturing is particularly noticeable in Chetwynd, where 18.8% of workers are employed in manufacturing. Overall, the good producing industries are strong in PRRD (34.2% of the workforce) compared to British Columbia (18.6%)

For services, the most prominent sector is the retail trade, where 10.7% of workers find employment, similar to province wide (11.7%). Retailing is most important in Dawson Creek (14.5%), reflecting its position as a regional hub. Other services noticeable in the PRRD include Healthcare and Social Assistance (8.5%), also concentrated in Dawson Creek, as well as the educational sector (6.5% of workers). Notably less of share than province wide are professional, scientific, and technical services (4.8% of the workforce compared to 9% province-wide. Broadly speaking, the service sector comprises 65.8% of the workforce, compared to 81.4% as seen in British Columbia as a whole, befitting a community with substantial primary industries where power, timber, oil, gas, coal, and food are produced.

Dawson Creek, as the largest community is the most impactful on the regional labor force of the study communities, accounting for 23% of all workers in the Peace River Regional District.

Peace River Regional District – Housing Needs Assessment

Table 15: NAICS Labour Force Shares by Area

| Labour Force by Industry, 2021                     | Area B | Area C | Area D | Area E | Chetwynd | Dawson Creek | Hudson's Hope | Pouce Coupe | PRRD   | BC     |
|--|--------|--------|--------|--------|----------|--------------|---------------|-------------|--------|--------|
| Total labour force                                 |        |        |        |        |          |              |               |             |        |        |
| Industry - not applicable                          |        |        |        |        |          |              |               |             |        |        |
| All industries                                     | 100.0% | 100.0% | 100.0% | 100.0% | 100.0%   | 100.0%       | 100.0%        | 100.0%      | 100.0% | 100.0% |
| 11 Agriculture; forestry; fishing and hunting      | 24.0%  | 4.6%   | 14.3%  | 14.5%  | 6.0%     | 1.9%         | 4.8%          | 0.0%        | 5.4%   | 2.4%   |
| 21 Mining; quarrying; and oil and gas extraction   | 10.1%  | 13.3%  | 9.7%   | 12.3%  | 11.3%    | 8.0%         | 2.4%          | 19.0%       | 11.5%  | 1.0%   |
| 22 Utilities                                       | 1.0%   | 1.2%   | 0.9%   | 0.6%   | 1.4%     | 0.5%         | 20.2%         | 0.0%        | 1.4%   | 0.5%   |
| 23 Construction                                    | 12.0%  | 15.8%  | 11.7%  | 9.7%   | 5.3%     | 9.1%         | 9.5%          | 17.7%       | 11.5%  | 8.9%   |
| 31-33 Manufacturing                                | 2.7%   | 2.4%   | 4.2%   | 11.0%  | 18.8%    | 3.9%         | 0.0%          | 3.8%        | 4.4%   | 5.8%   |
| Goods producing industries                         | 49.9%  | 37.3%  | 40.8%  | 48.1%  | 42.9%    | 23.4%        | 36.9%         | 40.5%       | 34.2%  | 18.6%  |
| 41 Wholesale trade                                 | 1.4%   | 4.2%   | 2.9%   | 1.3%   | 1.8%     | 2.8%         | 0.0%          | 3.8%        | 2.7%   | 3.0%   |
| 44-45 Retail trade                                 | 5.5%   | 9.2%   | 6.2%   | 7.4%   | 7.8%     | 14.5%        | 8.3%          | 11.4%       | 10.7%  | 11.7%  |
| warehousing  | 6.3%   | 9.6%   | 6.6%   | 8.7%   | 8.9%     | 6.6%         | 8.3%          | 10.1%       | 6.2%   | 5.4%   |
| 51 Information and cultural industries             | 0.0%   | 0.0%   | 0.0%   | 0.6%   | 1.4%     | 0.8%         | 0.0%          | 0.0%        | 0.7%   | 2.7%   |
| 52 Finance and insurance                           | 0.5%   | 1.7%   | 1.5%   | 0.6%   | 1.4%     | 2.1%         | 0.0%          | 3.8%        | 1.6%   | 3.6%   |
| 53 Real estate and rental and leasing              | 1.5%   | 2.9%   | 0.9%   | 1.6%   | 1.1%     | 1.3%         | 0.0%          | 0.0%        | 1.6%   | 2.3%   |
| 54 Professional; scientific and technical services | 6.2%   | 6.4%   | 5.9%   | 3.9%   | 2.8%     | 3.3%         | 0.0%          | 0.0%        | 4.8%   | 9.0%   |
| 55 Management of companies and enterprises         | 0.0%   | 0.0%   | 0.0%   | 0.0%   | 0.0%     | 0.0%         | 0.0%          | 0.0%        | 0.1%   | 0.2%   |
| 56 Admin & support; waste mgmt & remediation       | 4.8%   | 4.0%   | 2.2%   | 3.9%   | 3.2%     | 3.3%         | 9.5%          | 2.5%        | 3.7%   | 4.4%   |
| 61 Educational services                            | 6.5%   | 5.0%   | 6.2%   | 5.2%   | 3.5%     | 7.3%         | 4.8%          | 10.1%       | 6.5%   | 7.4%   |
| 62 Health care and social assistance               | 3.9%   | 5.3%   | 8.8%   | 4.8%   | 10.3%    | 14.0%        | 8.3%          | 6.3%        | 8.5%   | 12.1%  |
| 71 Arts; entertainment and recreation              | 1.0%   | 1.7%   | 2.2%   | 2.6%   | 0.0%     | 1.7%         | 3.6%          | 0.0%        | 1.7%   | 2.5%   |
| 72 Accommodation and food services                 | 3.4%   | 2.6%   | 4.2%   | 4.2%   | 8.2%     | 9.4%         | 10.7%         | 0.0%        | 6.9%   | 7.4%   |
| 81 Other services (except public administration)   | 5.3%   | 6.9%   | 6.4%   | 5.2%   | 3.5%     | 4.4%         | 3.6%          | 6.3%        | 5.0%   | 4.4%   |
| 91 Public administration                           | 3.6%   | 3.3%   | 5.3%   | 1.9%   | 3.2%     | 4.9%         | 6.0%          | 5.1%        | 5.2%   | 5.4%   |
| Services producing industries                      | 50.1%  | 62.7%  | 59.2%  | 51.9%  | 57.1%    | 76.6%        | 63.1%         | 59.5%       | 65.8%  | 81.4%  |

Table 18: Highest certificate, diploma or degree for the population aged 25-64 in private

| Education Level, 2021  | Area B         | Area C         | Area D         | Area E       | Chetwynd     | Dawson Creek   | Hudson's Hope | Pouce Coupe  | PRRD            | BC                 |
|--|----------------|----------------|----------------|--------------|--------------|----------------|---------------|--------------|-----------------|--------------------|
| No certificate, diploma or degree                                    | 1,180<br>(32%) | 950<br>(20%)   | 775<br>(21%)   | 530<br>(25%) | 390<br>(21%) | 385<br>(14%)   | 130<br>(20%)  | 135<br>(23%) | 10,380<br>(22%) | 565,665<br>(13%)   |
| Secondary (high) school diploma or equivalency certificate           | 1,265<br>(35%) | 1,740<br>(37%) | 1,210<br>(33%) | 760<br>(36%) | 685<br>(36%) | 950<br>(34%)   | 240<br>(36%)  | 195<br>(34%) | 16,095<br>(34%) | 1,238,000<br>(29%) |
| Postsecondary certificate, diploma or degree                         | 1,205<br>(33%) | 2,015<br>(43%) | 1,705<br>(46%) | 840<br>(39%) | 815<br>(43%) | 1,480<br>(53%) | 295<br>(44%)  | 245<br>(43%) | 21,145<br>(44%) | 2,396,755<br>(57%) |
| Apprenticeship or trades certificate or diploma                      | 395<br>(11%)   | 785<br>(17%)   | 640<br>(17%)   | 390<br>(18%) | 250<br>(13%) | 310<br>(11%)   | 90<br>(14%)   | 110<br>(19%) | 6,340<br>(13%)  | 323,635<br>(8%)    |
| College, CEGEP or other non-university certificate or diploma        | 505<br>(14%)   | 710<br>(15%)   | 675<br>(18%)   | 255<br>(12%) | 335<br>(18%) | 525<br>(19%)   | 125<br>(19%)  | 105<br>(18%) | 7,675<br>(16%)  | 711,810<br>(17%)   |
| University certificate or diploma below bachelor level               | 55<br>(2%)     | 100<br>(2%)    | 60<br>(2%)     | 20<br>(1%)   | 40<br>(2%)   | 65<br>(2%)     | 10<br>(2%)    | 0<br>(0%)    | 1,095<br>(2%)   | 161,600<br>(4%)    |
| University certificate, diploma or degree at bachelor level or above | 250<br>(7%)    | 420<br>(9%)    | 325<br>(9%)    | 165<br>(8%)  | 195<br>(10%) | 575<br>(20%)   | 70<br>(11%)   | 25<br>(4%)   | 6,035<br>(13%)  | 1,199,710<br>(29%) |

Education levels in the PRRD reflect the needs of the PRRD’s economy. Notably, the population without a certificate, diploma or degree is substantially higher than the provincial average (22% vs 13%). Similarly, the population with post secondary certifications, diplomas, or degrees is substantially lower (44% vs 57% province wide). Among those with post secondary, this is largely on account of fewer university degree holders (13% PRRD vs 29% of BC). Trade certifications or apprenticeship completions account of 13% of the workforce versus 9% in BC.

Post secondary education is most common in Dawson Creek, where 53% of residents of working age have some level of higher education, including 20% who are bachelor’s degree holders or higher. The least educated area is Area B, where 32% of residents lack any certificate or degree, a very high rate compared to both the PRRD (22%) and British Columbia (13%) however rural areas are not otherwise systematically worse educated.

In the table below we can see the commuting patterns of residents of PRRD. The PRRD is a ‘Census Division’ (CD), while individual municipalities, electoral areas, and certain First Nations Reserves are classed as ‘Census Subdivisions’ (CSD). Across the PRRD, 70% of workers commute to the same city, town, village, or electoral area where they are resident. This figure is high for municipalities 85-91%, except Pouce Coupe where it is only 17%, while being lower for Electoral Areas (25% in Area E, and a high of 64% in Area B). This is a

natural reflection of the greater number of jobs in built up areas, as shown by the high proportion of local workers in Chetwynd and Dawson Creek.

Table 21: Commuting Destination for PRRD Areas

| Commuting Status   | Area B         | Area C         | Area D         | Area E       | Chetwynd     | Dawson Creek   | Hudson's Hope | Pouce Coupe  | PRRD            | BC                 |
|--|----------------|----------------|----------------|--------------|--------------|----------------|---------------|--------------|-----------------|--------------------|
| Commute within census subdivision (CSD) of residence                                     | 1,070<br>(64%) | 900<br>(40%)   | 630<br>(33%)   | 245<br>(25%) | 920<br>(91%) | 4,255<br>(87%) | 265<br>(85%)  | 40<br>(17%)  | 16,790<br>(70%) | 1,324,470<br>(65%) |
| Commute to a different census subdivision (CSD) within census division                   | 525<br>(31%)   | 1,225<br>(55%) | 1,105<br>(58%) | 710<br>(72%) | 75<br>(7%)   | 285<br>(6%)    | 45<br>(15%)   | 200<br>(83%) | 5,840<br>(24%)  | 638,830<br>(31%)   |
| Commute to a different census subdivision (CSD) and census division (CD) within province | 85<br>(5%)     | 105<br>(5%)    | 170<br>(9%)    | 25<br>(3%)   | 15<br>(1%)   | 235<br>(5%)    | 0<br>(0%)     | 0<br>(0%)    | 1,230<br>(5%)   | 77,850<br>(4%)     |
| Commute to a different province or territory   | 0<br>(0%)      | 0<br>(0%)      | 10<br>(1%)     | 0<br>(0%)    | 0<br>(0%)    | 100<br>(2%)    | 0<br>(0%)     | 0<br>(0%)    | 160<br>(1%)     | 8,915<br>(0%)      |

Commuting to a different census division (town, village, city, or electoral area) is much more common in Electoral Areas, where between 31 and 72% of residents commute into neighbouring areas. Small numbers of PRRD residents work outside the PRRD all together (6%), including 1% of residents commuting to other provinces or territories, presumably primarily Alberta.

A review of commute by tenure data found that place of work does not vary substantially between owners and tenants in the PRRD across municipalities and electoral areas.

## Demographic Trends

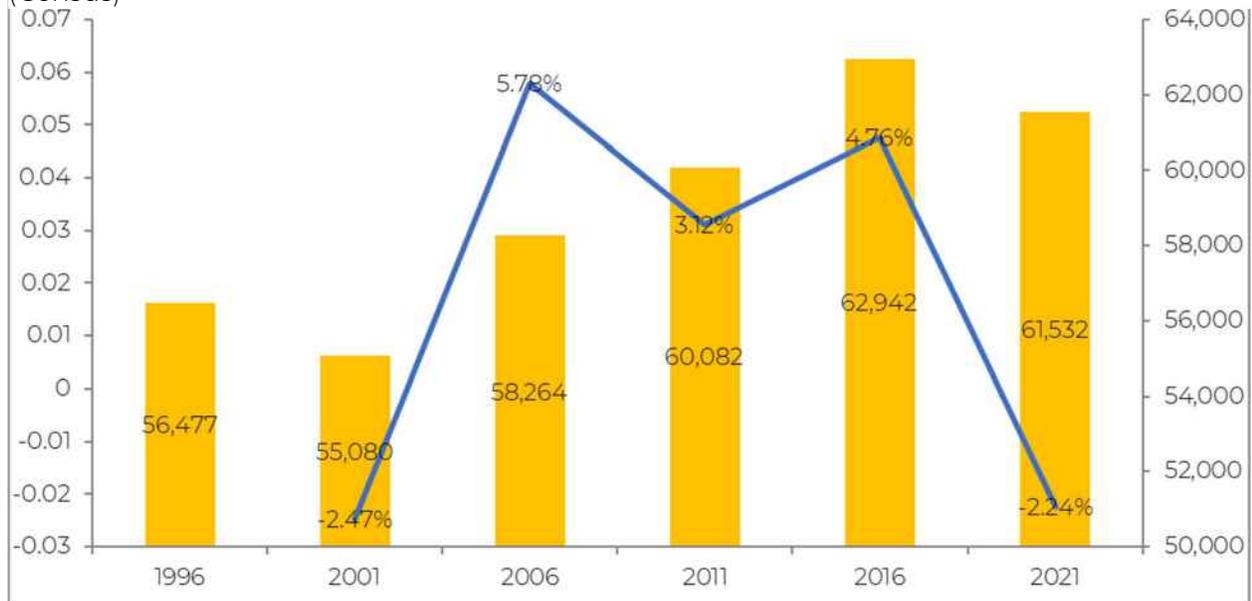
### Population

The Census population of Canada has grown from approximately 32 million residents in 2006 to nearly 37 million in 2021, or approximately 360,000 people per year at an average annual rate of 1 percent. Since 2021 population growth has grown further, with Canada now estimated to have 41 million residents as of April 2024. Population growth, primarily driven by international migration has increased the population by an average of 3.6% per year since 2021. This population growth is expected to decline as immigration levels fall for both policy and economic reasons in the immediate future.

Like demographic trends across the country, British Columbia's demography points toward slight declines in birth rates, slight increases in life expectancy, growing net interprovincial migration, and increasing net international migration. These trends, along with the aging of BC's population have resulted in a steady population growth in the province from 4.1 million in 2006 to 5 million by 2021, which translates into an annual growth rate of roughly 1.3 percent during 2006 - 2021 (Census 2006 and Census 2021). Since the last Census, Statistics Canada estimates that BC Growth rates have averaged more than 3 percent, bringing the total population to 5.6 million in the first quarter of 2021.

Figure 7: PRRD Population Trend (Census)

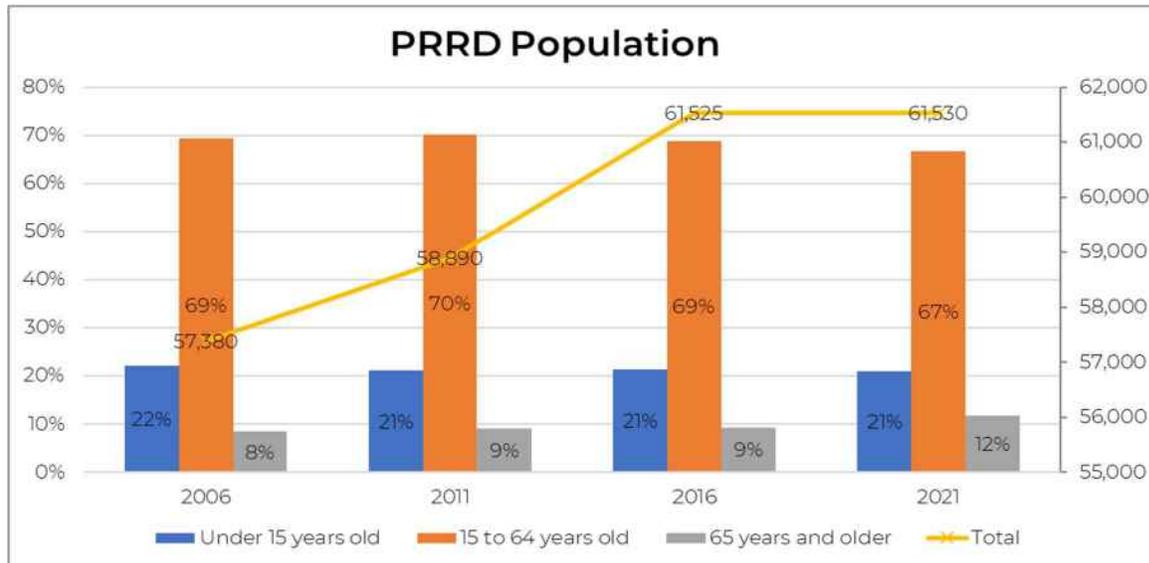
Figure 8: PRRD Population Change by Age Group 2006-2021 Figure 9: PRRD Population Trend (Census)



The PRRD Has seen an unsteady population level, with population growth between 2001 and 2016, but meaningful population decline between 2016 and 2021 and prior to 2001. To some extent this reflects the natural boom and bus cycle of the natural resource economy and may reflect certain pandemic-era disruptions to demographic developments. The most recent estimate from

Statistics Canada for July 2023 placed the population of the PRRD at 65,487, suggesting a steady population level.

Figure 10: PRRD Population Change by Age Group 2006-2021



The Peace River Regional District has seen several typical demographic developments in this period, an increasing proportion of residents over the age of 65, a proportion that has increased from 8% in 2006 to 12% in 2021. However, the population under 15 has held steady at 21% since the 2011 Census, with the difference being made up by a small decline in the population between the age of 15 and 64. As is further detailed in the appendices, the oldest area is

Table 24: PRRD Population Evolution, 2006-2021

| PRRD Population                         | 2006            | 2011            | 2016            | 2021            |
|---|-----------------|-----------------|-----------------|-----------------|
| Under 15 years old                      | 12,670<br>(22%) | 12,430<br>(21%) | 13,200<br>(21%) | 12,955<br>(21%) |
| 15 to 64 years old                      | 39,785<br>(69%) | 41,260<br>(70%) | 42,360<br>(69%) | 41,030<br>(67%) |
| 65 years and older                      | 4,925<br>(9%)   | 5,210<br>(9%)   | 5,965<br>(10%)  | 7,545<br>(12%)  |
| Total                                   | 57,380          | 58,890          | 61,525          | 61,530          |
| Population growth rate                  |                 |                 |                 |                 |
| 5-year growth rate                      |                 | 2.63%           | 4.47%           | 0.01%           |
| Annual average growth rate 2006 to 2021 | 0.47%           |                 |                 |                 |

Hudson’s Hope, where 24% of residents are 65 years or older, while in Area B 29 percent of residents are under the age of 15, the youngest in the studied areas.

Demographically, Peace River communities are quite rural, with small town geography. Understandably, Electoral Areas have quite low-density populations, ranging between one person per hundred square kilometers in Area B to 10.5 people per kilometer in Area C, corresponding to Area’s C’s greater level of development encircling the municipalities of Fort St. John and Taylor.

Table 27: Population Density of PRRD Communities

| <i>Area</i>             | <i>People Per Square Kilometer</i> |
|-------------------------|------------------------------------|
| <i>Area B</i>           | 0.1                                |
| <i>Area C</i>           | 10.5                               |
| <i>Area D</i>           | 0.4                                |
| <i>Area E</i>           | 0.2                                |
| <i>Chetwynd</i>         | 36.2                               |
| <i>Dawson Creek</i>     | 461.1                              |
| <i>Hudson’s Hope</i>    | 1.0                                |
| <i>Pouce Coupe</i>      | 370.3                              |
| <i>PRRD</i>             | 0.5                                |
| <i>British Columbia</i> | 5.4                                |

Source: Census 2021, Urbanics Consultants Ltd.

Individual Areas in the study area have seen divergent demographic trajectories. Dawson Creek has seen population growth in every census since 2006 and Area B has seen population growth in each Census since 2011, while other areas have seen declines or steady population levels. Dawson Creek saw 2.4% population growth between 2016 and 2021, much slower than BC or Canada Wide, while most areas saw substantial population contraction, ranging from 7.7% in Chetwynd to 19.8% in Area D and Hudson’s Hope. It should, however, kept in mind that population figures are from a Pandemic Year, and will have various quirks associated with severely disrupted living and working patterns seen in May of 2021.

Table 28: Demographic Evolution by Area

| <b>Area B Population</b>        | <b>1996</b> | <b>2001</b> | <b>2006</b> | <b>2011</b> | <b>2016</b> | <b>2021</b> |
|---------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Total                           | 5,041       | 4,997       | 5,205       | 5,150       | 5,285       | 5,300       |
| 5-year growth rate              |             | -0.87%      | 4.16%       | -1.06%      | 2.62%       | 0.28%       |
| 5-year change                   |             | -44         | 208         | -55         | 135         | 15          |
| <b>Area C Population</b>        | <b>1996</b> | <b>2001</b> | <b>2006</b> | <b>2011</b> | <b>2016</b> | <b>2021</b> |
| Total                           | 5,251       | 5,830       | 6,340       | 6,390       | 6,710       | 5,945       |
| 5-year growth rate              |             | 11.03%      | 8.75%       | 0.79%       | 5.01%       | -11.40%     |
| 5-year change                   |             | 579         | 510         | 50          | 320         | -765        |
| <b>Area D Population</b>        | <b>1996</b> | <b>2001</b> | <b>2006</b> | <b>2011</b> | <b>2016</b> | <b>2021</b> |
| Total                           | 6,020       | 5,857       | 5,545       | 5,195       | 5,720       | 4,585       |
| 5-year growth rate              |             | -2.71%      | -5.33%      | -6.31%      | 10.11%      | -19.84%     |
| 5-year change                   |             | -163        | -312        | -350        | 525         | -1,135      |
| <b>Area E Population</b>        | <b>1996</b> | <b>2001</b> | <b>2006</b> | <b>2011</b> | <b>2016</b> | <b>2021</b> |
| Total                           | 3,285       | 3,142       | 3,025       | 2,745       | 2,945       | 2,640       |
| 5-year growth rate              |             | -4.35%      | -3.72%      | -9.26%      | 7.29%       | -10.36%     |
| 5-year change                   |             | -143        | -117        | -280        | 200         | -305        |
| <b>Chetwynd Population</b>      | <b>1996</b> | <b>2001</b> | <b>2006</b> | <b>2011</b> | <b>2016</b> | <b>2021</b> |
| Total                           | 2,980       | 2,591       | 2,620       | 2,600       | 2,465       | 2,275       |
| 5-year growth rate              |             | -13.05%     | 1.12%       | -0.76%      | -5.19%      | -7.71%      |
| 5-year change                   |             | -389        | 29          | -20         | -135        | -190        |
| <b>Dawson Creek Population</b>  | <b>1996</b> | <b>2001</b> | <b>2006</b> | <b>2011</b> | <b>2016</b> | <b>2021</b> |
| Total                           | 11,125      | 10,754      | 10,890      | 11,245      | 11,785      | 12,070      |
| 5-year growth rate              |             | -3.33%      | 1.26%       | 3.26%       | 4.80%       | 2.42%       |
| 5-year change                   |             | -371        | 136         | 355         | 540         | 285         |
| <b>Hudson's Hope Population</b> | <b>1996</b> | <b>2001</b> | <b>2006</b> | <b>2011</b> | <b>2016</b> | <b>2021</b> |
| Total                           | 1,122       | 1,039       | 1,010       | 960         | 985         | 790         |
| 5-year growth rate              |             | -7.40%      | -2.79%      | -4.95%      | 2.60%       | -19.80%     |
| 5-year change                   |             | -83         | -29         | -50         | 25          | -195        |
| <b>Pouce Coupe Population</b>   | <b>1996</b> | <b>2001</b> | <b>2006</b> | <b>2011</b> | <b>2016</b> | <b>2021</b> |
| Total                           | 894         | 833         | 650         | 710         | 795         | 720         |
| 5-year growth rate              |             | -6.82%      | -21.97%     | 9.23%       | 11.97%      | -9.43%      |
| 5-year change                   |             | -61         | -183        | 60          | 85          | -75         |

## Household Trends

In this section we shall examine households in PRRD Study Areas. While household sizes have trended downward in most jurisdictions over time, variation across the study areas is noticeable. Area D has the largest households, where the average private household has 3.2 members. The smallest households are found in Hudson’s Hope, where household size has reached only 2.1 people per household.

One person households are most common in Municipalities, where they comprise 32-37% of households, where in rural areas they account for only 16-26% of households. 5 or more person households are more common in rural areas, as shown below where between 9 and 21% of households in Electoral areas have five or more members. Comparably, only 5 or 6% of municipal households have five or more residents.

Table 31: Household Size

| Household Size,                              | Area B       | Area C       | Area D       | Area E       | Chetwynd     | Dawson Creek  | Hudson's Hope | Pouce Coupe  |
|--|--------------|--------------|--------------|--------------|--------------|---------------|---------------|--------------|
| 1 person                                     | 330<br>(19%) | 465<br>(20%) | 255<br>(16%) | 285<br>(26%) | 320<br>(32%) | 1960<br>(36%) | 140<br>(37%)  | 115<br>(37%) |
| 2 persons                                    | 570<br>(33%) | 925<br>(41%) | 595<br>(36%) | 445<br>(41%) | 335<br>(34%) | 1705<br>(32%) | 145<br>(38%)  | 100<br>(32%) |
| 3 persons                                    | 245<br>(14%) | 340<br>(15%) | 180<br>(11%) | 130<br>(12%) | 150<br>(15%) | 800<br>(15%)  | 40<br>(11%)   | 40<br>(13%)  |
| 4 persons                                    | 235<br>(14%) | 295<br>(13%) | 275<br>(17%) | 125<br>(12%) | 135<br>(14%) | 600<br>(11%)  | 35<br>(9%)    | 35<br>(11%)  |
| 5 or more persons                            | 345<br>(20%) | 250<br>(11%) | 340<br>(21%) | 100<br>(9%)  | 55<br>(6%)   | 340<br>(6%)   | 20<br>(5%)    | 20<br>(6%)   |
| Total - Private households by household size | 1725         | 2270         | 1645         | 1085         | 990          | 5405          | 380           | 315          |
| Number of persons in private households      | 5300         | 5945         | 5290         | 2640         | 2275         | 12070         | 790           | 720          |
| Average household size                       | 3.1          | 2.6          | 3.2          | 2.4          | 2.3          | 2.2           | 2.1           | 2.3          |

Household Types are described in the following table. The most common household type in PRRD and BC as well as in all study areas is a One-census family household, which is defined below. These households are 64% of households in PRRD, 62% in BC, and between 57% of households in Dawson Creek and 76% of households in Electoral Areas B and C. Families with Children comprise 38% of PRRD households, modestly higher than the 34% seen Province-wide, and are more common in Electoral Areas than Municipalities, where between 34% (Area E) of households and 46% percent (Area B) of households have children. In Municipalities, between 26% (Hudson’s Hope) of households and 38% of households (Pouce Coupe) have children. In addition to families, ‘non-family households’ correspond to approximately 35% of households in PRRD, somewhat concentrated in Municipal Areas rather than Electoral Areas. These are primarily composed of one-person households, which comprise 30% of PRRD Private Households, compared to 29% in BC writ-large. Two-or-more-person non-family households, often roommate arrangements, constitute a small share of the households, mostly commonly in Dawson Creek (6%), and comprise 5% of PRRD Households overall. Additionally, there are small numbers of multiple-

**Census family** is defined as a married couple and the children, if any, of either and/or both spouses; a couple living common law and the children, if any, of either and/or both partners; or a parent of any marital status in a one-parent family with at least one child living in the same dwelling and that child or those children. *Statistics Canada 2021 Census Dictionary*

**Table 33: Private Households by Household Type**  
**Census family** is defined as a married couple and the children, if any, of either and/or both spouses; a couple living common law and the children, if any, of either and/or both partners; or a parent of any marital status in a one-parent family with at least one child living in the same dwelling and that child or those children. *Statistics Canada 2021 Census Dictionary*

family households, however these figures are for most areas under consideration so few as to be substantially influenced by Census data rounding practises.

## Household Income

This section details the total annual household income between study areas, Peace River Regional District and British Columbia based on the 2021 Census.

Table 34: Private Households by Household Type

| Private Households by Household Type            | Area B         | Area C         | Area D         | Area E       | Chetwynd     | Dawson Creek   | Hudson's Hope | Pouce Coupe  | PRRD            | BC                 |
|---|----------------|----------------|----------------|--------------|--------------|----------------|---------------|--------------|-----------------|--------------------|
| One-census-family households                    | 1,315<br>(76%) | 1,730<br>(76%) | 1,350<br>(74%) | 770<br>(71%) | 625<br>(63%) | 3,070<br>(57%) | 230<br>(61%)  | 190<br>(60%) | 15,885<br>(64%) | 1,270,210<br>(62%) |
| Without children in a census family             | 515<br>(30%)   | 835<br>(37%)   | 700<br>(38%)   | 400<br>(37%) | 270<br>(27%) | 1,160<br>(21%) | 125<br>(33%)  | 75<br>(24%)  | 6,540<br>(26%)  | 571,815<br>(28%)   |
| With children in a census family                | 800<br>(46%)   | 895<br>(39%)   | 650<br>(36%)   | 370<br>(34%) | 355<br>(36%) | 1,905<br>(35%) | 100<br>(26%)  | 120<br>(38%) | 9,345<br>(38%)  | 698,400<br>(34%)   |
| Multiple-census-family households               | 35<br>(2%)     | 35<br>(2%)     | 25<br>(1%)     | 10<br>(1%)   | 15<br>(2%)   | 50<br>(1%)     | 0<br>(0%)     | 10<br>(3%)   | 305<br>(1%)     | 61,885<br>(3%)     |
| Non-census-family households                    | 375<br>(22%)   | 510<br>(22%)   | 445<br>(24%)   | 305<br>(28%) | 350<br>(35%) | 2,285<br>(42%) | 150<br>(39%)  | 115<br>(37%) | 8,715<br>(35%)  | 709,745<br>(35%)   |
| One-person households                           | 330<br>(19%)   | 465<br>(20%)   | 385<br>(21%)   | 285<br>(26%) | 320<br>(32%) | 1,960<br>(36%) | 140<br>(37%)  | 115<br>(37%) | 7,415<br>(30%)  | 600,425<br>(29%)   |
| Two-or-more person non-census-family households | 40<br>(2%)     | 40<br>(2%)     | 60<br>(3%)     | 20<br>(2%)   | 35<br>(4%)   | 325<br>(6%)    | 10<br>(3%)    | 0<br>(0%)    | 1,300<br>(5%)   | 109,315<br>(5%)    |
| Total - Private households by household type    | 1,725          | 2,270          | 1,820          | 1,085        | 990          | 5,405          | 380           | 315          | 24,900          | 2,041,830          |

The total household income is the sum of the total incomes of all members of that household before income taxes and deductions. It includes income from:

- Employment income from wages, salaries, tips, commissions, and net income from self-employment.
- Income from government sources, such as social assistance, child benefits, employment, Insurance, old age security pension, pension plan benefits and disability income.
- Income from employer and personal pension sources, such as private pensions and payments from annuities and RRIFs.
- Income from investment sources, such as dividends and interest on bonds, accounts, GICs and mutual funds; and,

- Other regular cash income, such as child support payments received, spousal support payments (alimony) received and scholarships.

The Census for 2021 was during the pandemic, and income reflects household annual income for 2020, reflecting the most recent completed year available for census takers. 2020 was an unusual year financially, with some of the heaviest job losses in living memory as well as substantial supports from senior government such as CERB in effect for much of the year to stabilize consumption and sustain pandemic-affected households.

The Peace River Regional District has a broadly similar income distribution to the province overall, with a larger proportion of households earning over \$100,000 per year (48% to 42% in BC). This is largely accounted for due to households earning between \$150,000 and \$199,999 per year, which are more common in the Peace than province wide.

Broken out into Municipalities and electoral areas, Area C has the largest percentage of households earning over \$100,000 (62%) while Hudson's Hope has the fewest (38%). Households earning less than \$30,000 are most notable in Area D, where they account for 10% of households. In Pouce Coupe figures assert that 0% of households earned in this range in 2020, however this may be due to small population level as well as rounding issues.

Table 37: Income Distribution

| Household Income (2020)  | PRRD   |      | BC        |      |
|--|--------|------|-----------|------|
|  | #      | %    | #         | %    |
| Under \$5,000  | 250    | 1%   | 30,435    | 1%   |
| \$5,000 to \$9,999   | 130    | 1%   | 13,340    | 1%   |
| \$10,000 to \$14,999   | 205    | 1%   | 19,155    | 1%   |
| \$15,000 to \$19,999   | 440    | 2%   | 41,945    | 2%   |
| \$20,000 to \$24,999   | 835    | 3%   | 82,295    | 4%   |
| \$25,000 to \$29,999   | 765    | 3%   | 63,840    | 3%   |
| \$30,000 to \$34,999   | 625    | 3%   | 64,805    | 3%   |
| \$35,000 to \$39,999   | 820    | 3%   | 75,450    | 4%   |
| \$40,000 to \$44,999   | 775    | 3%   | 73,365    | 4%   |
| \$45,000 to \$49,999   | 770    | 3%   | 73,380    | 4%   |
| \$50,000 to \$59,999   | 1,540  | 6%   | 145,085   | 7%   |
| \$60,000 to \$69,999   | 1,495  | 6%   | 139,485   | 7%   |
| \$70,000 to \$79,999   | 1,350  | 5%   | 130,800   | 6%   |
| \$80,000 to \$89,999   | 1,530  | 6%   | 122,210   | 6%   |
| \$90,000 to \$99,999   | 1,340  | 5%   | 113,390   | 6%   |
| \$100,000 to \$124,999   | 3,115  | 13%  | 235,925   | 12%  |
| \$125,000 to \$149,999   | 2,660  | 11%  | 178,470   | 9%   |
| \$150,000 to \$199,999   | 3,400  | 14%  | 222,145   | 11%  |
| \$200,000 and over   | 2,840  | 11%  | 216,315   | 11%  |
| Total - Household total income groups in 2021 for private households | 24,900 | 100% | 2,041,830 | 100% |
| Under \$30,000   | 2,625  | 11%  | 251,010   | 12%  |
| \$30,000 to \$59,999   | 4,530  | 18%  | 432,085   | 21%  |
| \$60,000 to \$99,999   | 5,715  | 23%  | 505,885   | 25%  |
| \$100,000 and over   | 12,015 | 48%  | 852,855   | 42%  |

Of note, 29% of PRRD households earned under \$60,000 per year, compared to 33% of BC Households.

Table 40: Household Income by Area

| Household Income (2020)                  | Area B | Area C | Area D | Area E | Chetwynd | Dawson Creek | Hudson's Hope | Pouce Coupe |
|--|--------|--------|--------|--------|----------|--------------|---------------|-------------|
|  | %      | %      | %      | %      | %        | %            | %             | %           |
| Under \$5,000                            | 0%     | 1%     | 1%     | 2%     | 2%       | 1%           | 0%            | 0%          |
| \$5,000 to \$9,999                       | 0%     | 1%     | 0%     | 0%     | 0%       | 0%           | 0%            | 0%          |
| \$10,000 to \$14,999                     | 1%     | 1%     | 2%     | 0%     | 0%       | 1%           | 0%            | 0%          |
| \$15,000 to \$19,999                     | 0%     | 2%     | 2%     | 0%     | 0%       | 2%           | 0%            | 0%          |
| \$20,000 to \$24,999                     | 2%     | 1%     | 2%     | 3%     | 2%       | 6%           | 9%            | 0%          |
| \$25,000 to \$29,999                     | 4%     | 1%     | 3%     | 3%     | 5%       | 4%           | 0%            | 0%          |
| \$30,000 to \$34,999                     | 4%     | 1%     | 4%     | 2%     | 0%       | 3%           | 0%            | 0%          |
| \$35,000 to \$39,999                     | 3%     | 2%     | 2%     | 2%     | 5%       | 4%           | 8%            | 0%          |
| \$40,000 to \$44,999                     | 3%     | 1%     | 3%     | 3%     | 3%       | 3%           | 5%            | 0%          |
| \$45,000 to \$49,999                     | 3%     | 3%     | 4%     | 5%     | 3%       | 4%           | 0%            | 0%          |
| \$50,000 to \$59,999                     | 5%     | 4%     | 5%     | 7%     | 6%       | 7%           | 9%            | 8%          |
| \$60,000 to \$69,999                     | 6%     | 4%     | 8%     | 4%     | 5%       | 7%           | 0%            | 11%         |
| \$70,000 to \$79,999                     | 4%     | 3%     | 4%     | 5%     | 5%       | 7%           | 5%            | 10%         |
| \$80,000 to \$89,999                     | 9%     | 6%     | 4%     | 6%     | 7%       | 6%           | 0%            | 8%          |
| \$90,000 to \$99,999                     | 8%     | 6%     | 4%     | 4%     | 6%       | 6%           | 8%            | 0%          |
| \$100,000 to \$124,999                   | 12%    | 12%    | 11%    | 10%    | 14%      | 12%          | 5%            | 14%         |
| \$125,000 to \$149,999                   | 9%     | 12%    | 12%    | 14%    | 11%      | 9%           | 12%           | 8%          |
| \$150,000 to \$199,999                   | 16%    | 16%    | 14%    | 18%    | 14%      | 10%          | 12%           | 10%         |
| \$200,000 and over                       | 8%     | 22%    | 14%    | 10%    | 13%      | 8%           | 9%            | 11%         |
| Total - Household total income groups in | 100%   | 100%   | 100%   | 100%   | 100%     | 100%         | 100%          | 100%        |
| Under \$30,000                           | 7%     | 7%     | 10%    | 7%     | 9%       | 14%          | 9%            | 0%          |
| \$30,000 to \$59,999                     | 18%    | 12%    | 18%    | 20%    | 16%      | 21%          | 22%           | 8%          |
| \$60,000 to \$99,999                     | 27%    | 19%    | 21%    | 18%    | 22%      | 26%          | 13%           | 29%         |
| \$100,000 and over                       | 45%    | 62%    | 51%    | 53%    | 51%      | 39%          | 38%           | 43%         |

Furthermore, the study looked at the distribution of household income by type of household. The median income has been used in this instance to compare the middle-of-the-distribution incomes of various types of households. The PRRD has a median household income of \$97,000 as of 2020, 114% of BC’s median household income. The highest income household type in the Peace River was that of Couple-with-Children Families, which had a median income of \$144,000, or 104% of BC’s average for such families. The least well-off household was 1-person households, reflecting the typically younger, less established nature of such households (\$52,000). Notably, Lone-parent families comprised the only examined category where PRRD residents had a lower median income than British Columbia overall (96%).

Table 43: Median Total Household Income by Area

| <b>Median Total Household Income (2020)</b> |                         |                          |                        |               |                 |
|---|-------------------------|--------------------------|------------------------|---------------|-----------------|
|   | <b>Area B</b>           | <b>Area C</b>            | <b>Area D</b>          | <b>Area E</b> | <b>Chetwynd</b> |
| <b>Economic families</b>                    |                         |                          |                        |               |                 |
| Couple-only family                          | \$85,000                | \$118,000                | \$95,000               | \$104,000     | \$122,000       |
| Couple-with-children family                 | \$120,000               | \$170,000                | \$151,000              | \$151,000     | \$150,000       |
| Lone-parent family                          | \$64,500                | \$79,000                 | \$73,000               | \$91,000      | \$62,400        |
| Family income                               | \$106,000               | \$138,000                | \$120,000              | \$124,000     | \$127,000       |
| 1-person households                         | \$44,400                | \$64,000                 | \$46,400               | \$47,200      | \$64,500        |
| 2-or-more person households                 | \$107,000               | \$139,000                | \$121,000              | \$125,000     | \$131,000       |
| Median household income                     | \$94,000                | \$124,000                | \$101,000              | \$102,000     | \$104,000       |
|   | <b>Dawson<br/>Creek</b> | <b>Hudson's<br/>Hope</b> | <b>Pouce<br/>Coupe</b> | <b>PRRD</b>   | <b>BC</b>       |
| <b>Economic families</b>                    |                         |                          |                        |               |                 |
| Couple-only family                          | \$104,000               | \$83,000                 | \$93,000               | \$108,000     | \$93,000        |
| Couple-with-children family                 | \$132,000               | \$144,000                | \$118,000              | \$144,000     | \$138,000       |
| Lone-parent family                          | \$66,000                | \$66,500                 | \$56,800               | \$67,500      | \$70,500        |
| Family income                               | \$105,000               | \$105,000                | \$105,000              | \$118,000     | \$107,000       |
| 1-person households                         | \$45,200                | \$44,000                 | \$54,800               | \$52,000      | \$43,200        |
| 2-or-more person households                 | \$107,000               | \$110,000                | \$105,000              | \$120,000     | \$108,000       |
| Median household income                     | \$81,000                | \$81,000                 | \$86,000               | \$97,000      | \$85,000        |

Among the examined areas, there is some variation. For example, in Chetwynd incomes are higher than the PRRD overall, however, Lone-parent family incomes are lower than PRRD and BC Levels. Overall, all areas had higher incomes than British Columbia apart from Hudson’s Hope and Dawson Creek, where the median household income was \$81,000.

### Population Projection

The Province of British Columbia is expected to experience ongoing declines in birth rates, and increasing lifespans, as well as ongoing foreign and domestic migration. These trends result in a population that is growing, but also growing older. Over the last four Census periods, BC grew from 4.1 million in 2006 to 5 million in 2021, translating into an annual growth rate of 1.33 percent, per the 2006 and 2021 Censuses. Since that time, Statistics Canada believes that BC’s

population has increased as of the Second Quarter of 2024 to 5,646,467 representing an average annual rate of 2.78 percent between 2016 and 2021 under the Statistics Canada Quarterly Population Estimates.

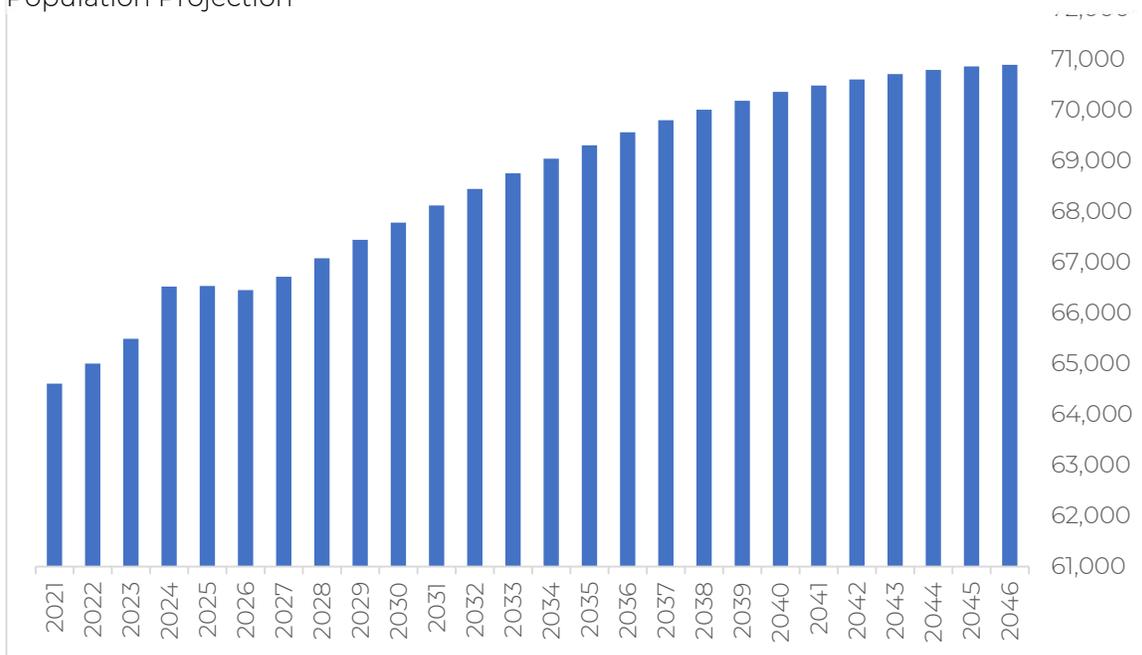
Net migration inflows into British Columbia over the projection may continue to top the province’s overall sex ratio in favour of females, and the aging of the large baby boom cohort and higher female life expectancies may lead to there being more women than men in the province. These forces can be expected to keep the sex ratio relatively stable over the projection period at about 98 females per 100 males. In the PRRD, per the 2023 BC Population Estimate from BC Stats, there were 93 females for every 100 males, reflecting the typically lower female proportion of population in less urbanized regions. It is projected that by 2041 this ratio will be approximately 96:100.

### Peace River

For this report, the consultant has utilized BC Stats Population Estimates, which are based upon the P.E.O.P.L.E projection model, which incorporates demographic data based upon expected births and deaths for a given cohort,

Figure 13: Peace River Population Projection

Table 45: Projected Population Change by Jurisdiction  
Figure 14: Peace River Population Projection



incorporated estimates of likely migration, information about building permits and community plans. Because it's expectations about construction are taking past performance and projecting it into the future, using it as a basis for projecting housing need is somewhat circuitous. It is, nonetheless, the tool which the Province has mandated. Where projections are unavailable (such as for electoral areas) the method is to apportion projected population growth in proportion to current population.

Per this estimate, the province expects population growth to change in the following ways between 2021 and 2041:

- Overall population will grow from 64,603 in 2021 to 70,477 in 2041,
  - An annual growth rate of 0.44 percent
- Population under 15 years of age will shrink from 13,289 in 2021 to 10,044 in 2041,
  - An annual growth rate of -1.4 percent
  - A decline in population-share from 21 percent to 20 percent.
- Population 15 to 64-Years-old will grow from 43,725 to 49,792,
  - An annual growth rate of 0.65 percent
  - The population-share of 15-to-64-years old will remain 68%.

Table 46: Projected Population Change by Jurisdiction

| Municipality                       | Year | Total  | % An. Chng. | 0 to 14 | 15 to 64 | 65+   |
|------------------------------------|------|--------|-------------|---------|----------|-------|
| Pouce Coupe                        | 2021 | 795    |             | 178     | 502      | 115   |
|                                    | 2026 | 776    | -0.48%      | 156     | 487      | 133   |
|                                    | 2041 | 683    | -0.76%      | 123     | 472      | 88    |
| Chetwynd                           | 2021 | 2,415  |             | 402     | 1,756    | 257   |
|                                    | 2026 | 2,351  | -0.54%      | 370     | 1,678    | 303   |
|                                    | 2041 | 2,105  | -0.68%      | 307     | 1,424    | 374   |
| Dawson Creek                       | 2021 | 12,918 |             | 2,387   | 8,806    | 1,725 |
|                                    | 2026 | 13,228 | 0.48%       | 2,263   | 9,035    | 1,930 |
|                                    | 2041 | 13,699 | 0.29%       | 1,975   | 9,572    | 2,152 |
| Hudson's Hope                      | 2021 | 1,008  |             | 174     | 601      | 233   |
|                                    | 2026 | 952    | -1.14%      | 151     | 558      | 243   |
|                                    | 2041 | 874    | -0.71%      | 114     | 536      | 224   |
| Unincorporated Areas - Peace River | 2021 | 20,898 |             | 4,654   | 13,285   | 2,959 |
|                                    | 2026 | 20,318 | -0.56%      | 4,270   | 12,700   | 3,348 |
|                                    | 2041 | 19,671 | -0.30%      | 2,962   | 12,962   | 3,747 |

- Population 65 years and older will grow from 7,589 to 10,641,
  - An annual growth rate of 1.7 percent
  - 65 years and older residents will remain 12 percent of the population.

Like other jurisdictions in North America, the senior citizen population is expected to grow in most areas over the coming twenty years (apart from Pouce Coupe, where the Province projects a falling number of seniors by 2041). This paired with declines in the number of youths under 15 will leave the population much older than present.

Given the last several decades trajectory of PRRD’s population, the Consultant found this outcome of generally flat population level combined with increasing numbers of older residents to be highly plausible. However, the rhythms of the natural resource economy create surges and slack in housing demand that make forecasts difficult to predict compared to other economies.

However, it should be kept in mind that this is ultimately based upon projecting past outcomes into the future. Changes in the business environment, the strength of the local economy, high cost of living elsewhere,

and other factors can create shifts in demand that are not presently foreseeable

Table 49: BC Stats Population Projections

| Municipality                       | Year | Total  | % An. Ch | 0 to 14 | 15 to 64 | 65+ |
|------------------------------------|------|--------|----------|---------|----------|-----|
| Pouce Coupe                        | 2021 | 795    |          | 22%     | 63%      | 14% |
|                                    | 2026 | 776    | -0.48%   | 20%     | 63%      | 17% |
|                                    | 2041 | 683    | -0.76%   | 18%     | 69%      | 13% |
| Chetwynd                           | 2021 | 2,415  |          | 17%     | 73%      | 11% |
|                                    | 2026 | 2,351  | -0.54%   | 16%     | 71%      | 13% |
|                                    | 2041 | 2,105  | -0.68%   | 15%     | 68%      | 18% |
| Dawson Creek                       | 2021 | 12,918 |          | 18%     | 68%      | 13% |
|                                    | 2026 | 13,228 | 0.48%    | 17%     | 68%      | 15% |
|                                    | 2041 | 13,699 | 0.29%    | 14%     | 70%      | 16% |
| Hudson's Hope                      | 2021 | 1,008  |          | 17%     | 60%      | 23% |
|                                    | 2026 | 952    | -1.14%   | 16%     | 59%      | 26% |
|                                    | 2041 | 874    | -0.71%   | 13%     | 61%      | 26% |
| Unincorporated Areas - Peace River | 2021 | 20,898 |          | 22%     | 64%      | 14% |
|                                    | 2026 | 20,318 | -0.56%   | 21%     | 63%      | 16% |
|                                    | 2041 | 19,671 | -0.30%   | 15%     | 66%      | 19% |

### 3. Housing Supply

This section examines the housing supply in the Peace River Regional District and is focused on the occupied private dwellings in the area. While there are unoccupied dwellings or dwellings occupied by temporary residents, Statistics Canada does not make available data to nearly the same level of detail as occupied private dwellings occupied by usual residents.

Table 52: Total Private Dwellings By Occupancy and Usual Residency

| Private Dwelling Types  | PRRD   |        | Ave. Annual Rate of Growth |
|---|--------|--------|----------------------------|
|   | 2016   | 2021   |                            |
| Total private dwellings                                       | 28,746 | 28,683 | -0.04%                     |
| Occupied by usual residents                                   | 24,264 | 24,902 | 0.52%                      |
| Vacant dwellings or dwellings occupied by temporary residents | 4,482  | 3,781  | -3.34%                     |

As shown above, the total number of homes (occupied and not occupied) in the PRRD has remained roughly constant over the previous five years, with 29,000 private dwellings. Of these, 24,000 homes in either period were occupied by usual residents. This refers to a private dwelling where residents permanently reside, including those temporarily absent on census day.

The remainder of PRRD dwellings are dwellings occupied by temporary residents or vacant. These numbered 4,482 in 2016 and 3,781 in 2021, representing a modest decline in vacant or temporarily occupied units. This accounts for 13% of dwellings in the region. For British Columbia overall 8% of dwellings are vacant or temporarily occupied. This is a high number but is like neighbouring jurisdictions such as Buckley-Nechako or Alberta Division No. 9. Such units are most found in Chetwynd<sup>1</sup>, where the census found 22% of units were not occupied by ordinary residents.

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<sup>1</sup> 29.5% of Tumbler Ridge dwellings are also found to be not occupied by usual residents in 2021, however Tumbler Ridge is outside the scope of this study.

## Housing Stock Trends

This section examines the form and layout of the existing housing in PRRD areas.<sup>2</sup> As can be seen in the following table, most dwellings in PRRD are single-detached houses, as defined below. However, in municipal areas this is less true. Single detached dwellings are 89% of occupied homes in Area D, compared with only 58% of occupied private dwellings in Chetwynd. Dawson Creek and Chetwynd are most notable for other housing types. There

Table 55: Dwelling Units by Typology and Bedroom Count

| Occupied Private Dwelling Units by Type                  | Area B | Area C | Area D | Area E | Chetwynd | Dawson Creek | Hudson's Hope | Pouce Coupe |
|--|--------|--------|--------|--------|----------|--------------|---------------|-------------|
| Total occupied private dwellings                         | 1,725  | 2,270  | 1,820  | 1,085  | 990      | 5,405        | 380           | 315         |
| Single-detached house                                    | 1,360  | 1,810  | 1,620  | 835    | 575      | 3,305        | 290           | 280         |
| Semi-detached, row house and duplex                      | 40     | 15     | 10     | 0      | 175      | 755          | 25            | 20          |
| Semi-detached or double house                            | 15     | 0      | 0      | 0      | 10       | 110          | 10            | 0           |
| Row house  | 0      | 10     | 0      | 0      | 140      | 335          | 15            | 0           |
| Apartment/flat in a duplex                               | 15     | 0      | 0      | 0      | 10       | 110          | 10            | 0           |
| Apartment in a building that has five or more storeys    | 0      | 0      | 0      | 0      | 0        | 0            | 0             | 0           |
| Apartment in a building that has fewer than five storeys | 0      | 25     | 0      | 0      | 110      | 1,080        | 0             | 0           |
| Movable dwelling   | 320    | 415    | 185    | 255    | 130      | 270          | 65            | 15          |

| Occupied Private Dwellings by No. of Bedrooms | Area B | Area C | Area D | Area E | Chetwynd | Dawson Creek | Hudson's Hope | Pouce Coupe |
|---|--------|--------|--------|--------|----------|--------------|---------------|-------------|
| Total occupied private dwellings              | 1725   | 2270   | 1820   | 1085   | 990      | 5405         | 380           | 315         |
| No bedrooms                                   | 0      | 0      | 0      | 15     | 0        | 45           | 0             | 0           |
| 1 bedroom                                     | 95     | 95     | 50     | 55     | 80       | 730          | 30            | 0           |
| 2 bedrooms                                    | 330    | 365    | 355    | 225    | 255      | 1445         | 145           | 55          |
| 3 bedrooms                                    | 660    | 845    | 760    | 425    | 360      | 1755         | 130           | 170         |
| 4 or more bedrooms                            | 635    | 965    | 640    | 370    | 295      | 1435         | 75            | 80          |

<sup>2</sup> Statistics Canada defined dwelling types in the following ways:

**Single-detached house:** A single dwelling not attached to any other dwelling or structure (except its own garage or shed). A single-detached house has open space on all sides and has no dwellings either above it or below it. A mobile home fixed permanently to a foundation is also classified as a single-detached house.

**Semi-detached house:** One of two dwellings attached side by side (or back-to-back) to each other, but not attached to any other dwelling or structure (except its own garage or shed). A semi-detached dwelling has no dwellings either above it or below it, and the two units together have open space on all sides.

**Row house:** One of three or more dwellings joined side by side (or occasionally side to back), such as a townhouse or garden home, but not having any other dwellings either above or below. Townhouses attached to a high-rise building are also classified as row houses.

**Apartment or flat in a duplex:** One of two dwellings, located one above the other, may or may not be attached to other dwellings or buildings.

**Apartment in a building that has five or more storeys:** A dwelling unit in a high-rise apartment building which has five or more storeys.

**Apartment in a building that has fewer than five storeys:** A dwelling unit attached to other dwelling units, commercial units, or other non-residential space in a building that has fewer than five storeys.

**Movable Dwelling:** Either a Mobile home: A single dwelling, designed and constructed to be transported on its own chassis and capable of being moved to a new location on short notice. It may be placed temporarily on a foundation pad and may be covered by a skirt; OR A single dwelling, other than a mobile home, used as a place of residence, but capable of being moved on short notice, such as a tent, recreational vehicle, travel trailer, houseboat, or floating home.

apartments, rowhouses, duplexes (including secondary suites) can be found in meaningful numbers. Movable dwellings comprise a modest proportion of the housing stock in all areas, especially in Electoral Area E where they account for 24% of occupied dwellings.

Across the Region, studio units ('no bedroom') are infrequent, only being found by the Census in Dawson Creek and Area E and accounting for less than 1% of the housing stock. By bedroom count, PRRD dwellings are relatively large, reflecting the availability of housing and incomes in the region. The most common number of bedrooms is 3, however 4-or-more bedroom houses are nearly as common, especially in Electoral Areas. 2 Bedroom units are especially common in Hudson's Hope (38%)

Table 58: Portion of Dwellings by Bedroom

| Occupied Private Dwellings by No. of Bedrooms | Area B | Area C | Area D | Area E | Chetwynd | Dawson Creek | Hudson's Hope | Pouce Coupe |
|---|--------|--------|--------|--------|----------|--------------|---------------|-------------|
| No bedrooms                                   | 0%     | 0%     | 0%     | 1%     | 0%       | 1%           | 0%            | 0%          |
| 1 bedroom                                     | 6%     | 4%     | 3%     | 5%     | 8%       | 14%          | 8%            | 0%          |
| 2 bedrooms                                    | 19%    | 16%    | 20%    | 21%    | 26%      | 27%          | 38%           | 17%         |
| 3 bedrooms                                    | 38%    | 37%    | 42%    | 39%    | 36%      | 32%          | 34%           | 54%         |
| 4 or more bedrooms                            | 37%    | 43%    | 35%    | 34%    | 30%      | 27%          | 20%           | 25%         |

## New Housing

Under provisions of the *Homeowner Protection Act*, all new homes constructed in British Columbia must be registered with BC Housing before building permits are issued. The province does not make available this data, called the BC New Homes Registry, for individual Electoral Areas, however it is available for all electoral areas collectively.

It is reported that between 57 units (2020) and 121 units (2016) were reported annually in that time. The trend between 20165 and 2023 has been modestly downward, especially with respect to multi-unit homes. Additionally, no purpose-built rentals were reported to the BC New Homes Registry.

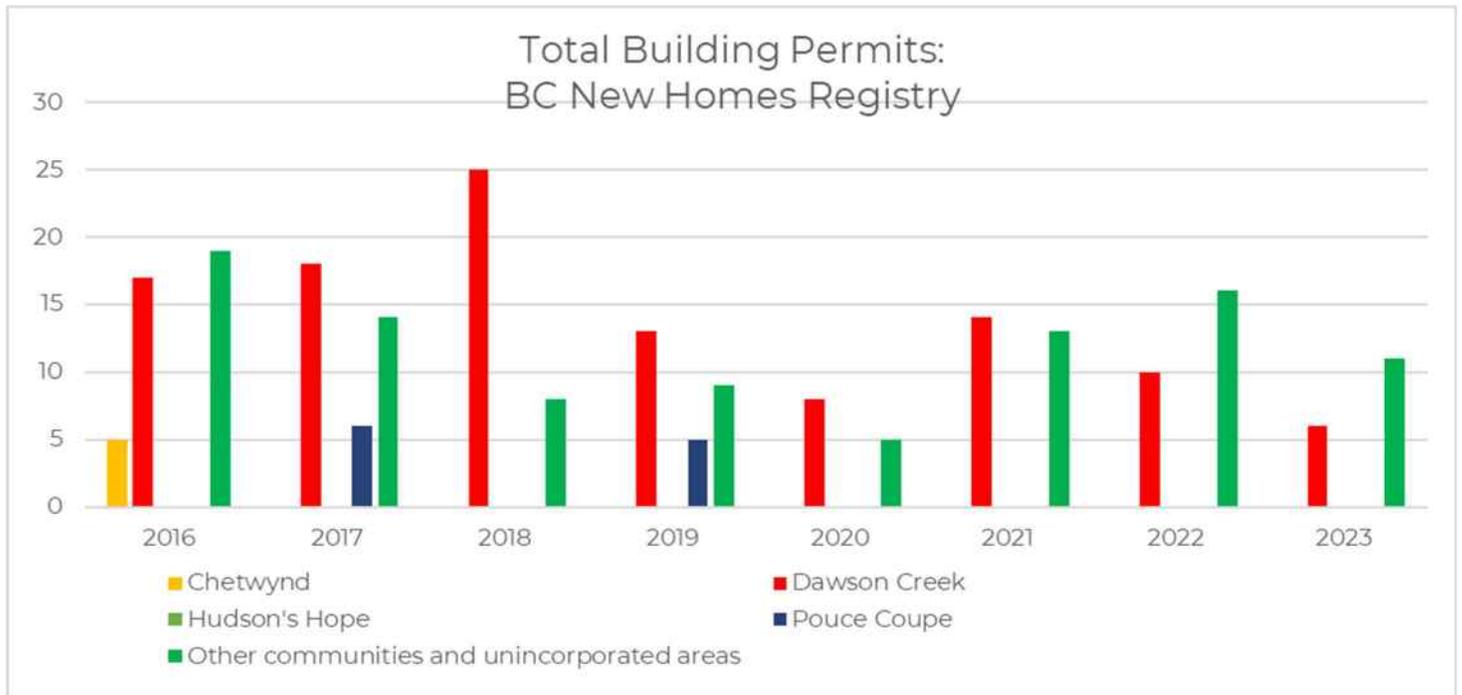
Figure 16: PRRD Building Permits, BC New Homes Registry

Figure 17: BC New Homes Registry by Area  
Figure 18: PRRD Building Permits, BC New Homes Registry



Broken down by area, in terms of reported data it appears that Dawson Creek has the most consistent homebuilding, followed by PRRD Electoral Areas

Figure 19: BC New Homes Registry by Area



("Other communities and unincorporated areas"). Multifamily housing is

primarily reported from Fort St. John, however Dawson Creek reported 10 units in 2022.

Table 60: Dwellings by Period of Constructions

| <b>Dwellings by Period of Construction</b> | <b>PRRD</b> | <b>% of total</b> | <b>BC</b> | <b>% of total</b> |
|--|-------------|-------------------|-----------|-------------------|
| Occupied private dwellings                 | 24,900      |                   | 2,041,830 |                   |
| 1960 or before                             | 2,550       | 10                | 256,175   | 13                |
| 1961 to 1980                               | 8,355       | 34                | 550,690   | 27                |
| 1981 to 1990                               | 3,465       | 14                | 289,940   | 14                |
| 1991 to 2000                               | 3,275       | 13                | 336,310   | 16                |
| 2001 to 2005                               | 1,465       | 6                 | 122,860   | 6                 |
| 2006 to 2010                               | 2,100       | 8                 | 164,170   | 8                 |
| 2011 to 2016                               | 2,300       | 9                 | 135,725   | 7                 |
| 2016 to 2021                               | 1,395       | 6                 | 185,970   | 9                 |

Data is also available for the housing stock by period of construction for the PRRD and areas. Overall, the most common period of construction for homes in both BC and the PRRD is between 1961 and 1980. In Peace River this accounts for more than a third of all homes. In the period 2001 to 2021 29% of homes were built, while 27 percent of homes were built between 1981 and 2000. These figures are broadly like the province overall.

### Housing Tenure

The Peace River Regional District had a homeownership rate of 67% in 2021, the same level as the province overall. However, this rate has trended downward since 2006 when it was 74. This amounts to 16,565 homeownership households and 7,840 renter households, along with 495 band housing and other households. The number of tenant households has increased from 5,620 in 2006 to 7,840 in 2021.

Table 61: Tenure by Area

| <b>Dwellings</b>         | <b>2006</b> | <b>2011</b> | <b>2016</b> | <b>2021</b> |
|--------------------------|-------------|-------------|-------------|-------------|
| <b>PRRD</b>              |             |             |             |             |
| Owners                   | 16,530      | 16,450      | 17,080      | 16,565      |
| Renters                  | 5,620       | 6,540       | 6,860       | 7,840       |
| Others (Band Housing)    | 190         | 205         | 325         | 495         |
| Total occupied dwellings | 22,335      | 23,195      | 24,260      | 24,900      |
| Ownership Rate           | 74%         | 71%         | 70%         | 67%         |
| <b>British Columbia</b>  |             |             |             |             |
| Owners                   | 1,145,050   | 1,234,710   | 1,279,025   | 1,363,185   |
| Renters                  | 494,000     | 525,000     | 599,360     | 669,455     |
| Others (Band Housing)    | 4,105       | 4,925       | 3,590       | 9,190       |
| Total occupied dwellings | 1,643,145   | 1,764,630   | 1,881,965   | 2,041,830   |
| Ownership Rate           | 70%         | 70%         | 68%         | 67%         |

## Household Maintenance

For Census purposes, a ‘household maintainer’ is equivalent to the older term ‘head of household’ and is used to ascribe individual demographic characteristics to a household. The household maintainer is the household member who pays the bills for the dwelling, and in the event there are multiple household maintainers on a given census record, the first person listed is ascribed as the household maintainer.

For the PRRD, among the 24,900 households, 81% are led by people below the age of 65, and 19% are led by people above that age. Among these, 78% of owned households are led by non-seniors, while 88 percent of rented households are non-senior lead. This reflects typical demographic patterns but is also an outcome of housing availability for younger households.

Broken out by age-bands, as seen below, renter households become a smaller part of the population as households get older. Renters comprise 68 percent of PRRD households lead by someone between the age of 15 and 24, while only 19 percent of households between the age of 65 to 74. This number goes up to 23 percent and 25 percent for 75-to-84-year-olds and 85 years or older populations, reflecting declining homeownership rates as senior citizens age. Most households (52%) are non-senior homeowner households

Table 62: Private households by age of primary household maintaner

| Private households by age of primary household maintainers | Total         |               |              | Owner - %       | Renter - %      | Owners (%)     | Renters (%)    |
|--|---------------|---------------|--------------|-----------------|-----------------|----------------|----------------|
|  | Tenure        | Owner         | Renter       | of Total Tenure | of Total Tenure | of Age Cohort) | of Age Cohort) |
| <b>Total - PRRD</b>  | <b>24,900</b> | <b>16,565</b> | <b>7,840</b> |                 |                 |                |                |
| Non-senior led households                                  | 20,205        | 12,980        | 6,870        | 52              | 28              | 64             | 34             |
| 15 to 24 years   | 1,370         | 425           | 930          | 2               | 4               | 31             | 68             |
| 25 to 34 years   | 5,020         | 2,625         | 2,310        | 11              | 9               | 52             | 46             |
| 35 to 44 years   | 4,950         | 3,245         | 1,625        | 13              | 7               | 66             | 33             |
| 45 to 54 years   | 4,200         | 3,070         | 1,040        | 12              | 4               | 73             | 25             |
| 55 to 64 years   | 4,675         | 3,620         | 970          | 15              | 4               | 77             | 21             |
| <b>% non-senior led households</b>                         | <b>81</b>     | <b>78</b>     | <b>88</b>    |                 |                 |                |                |
| Senior - led households                                    | 4,695         | 3,585         | 970          | 14              | 4               | 76             | 21             |
| 65 to 74 years   | 2,945         | 2,300         | 555          | 9               | 2               | 78             | 19             |
| 75 to 84 years   | 1,315         | 970           | 305          | 4               | 1               | 74             | 23             |
| 85 years and over  | 435           | 315           | 110          | 1               | 0               | 72             | 25             |
| <b>% senior - led households</b>                           | <b>19</b>     | <b>22</b>     | <b>12</b>    |                 |                 |                |                |

### Non-Market Housing

BC Housing periodically reviews and updates the types of non-market housing terms. The following terms are based on BC Housing terminology. Typical inventory of the non-market housing in a community includes:

- **Shelter:** These include year-round shelters and emergency weather response shelters. Short-stay housing of 30 days or less. Emergency shelters provide single or shared bedrooms or dorm-type sleeping arrangements with varying levels of support to individuals.
- **Transition houses:** Temporary housing for women and children fleeing violence. Transition houses provide housing, food, crisis intervention and referrals. All provincially funded transition houses have around-the-clock staff coverage. Typically, stays do not exceed 30 days.
- **Safe homes:** Provides temporary shelter and services (often for women and their children) who are facing housing crisis issues or fleeing domestic violence. This may include private homes, hotel units or rental apartments. Stays do not usually exceed five days. In addition to food and shelter, it also provides support services such as advocacy, information and referral, counselling, and transportation to appointments.

- **Second-stage housing:** Provides housing for women and children fleeing violence who have completed a stay in a transition house or safe home. Typically, stays last up to 18 months.
- **Transitional housing:** Includes the provision of on- or off-site support services to help residents move towards independence and self-sufficiency. This type of housing provided for a minimum of 30 days that can last up to two or three years.
- **Below-market rental:** Below-market rental housing is housing with rents equal to, or lower than, average rates in private-market rental housing.
- **Co-operative housing:** Co-operative housing is a type of development where the residents have a share in the corporation (co-operative) that owns/manages the development.
- **Supportive housing:** This housing provides ongoing assistance to residents who require support to live with modest independence. It is available for people who are homeless or at risk-of-homelessness and who may have barriers to housing such as mental illness or substance use. It can be housing for seniors and others who require services such as meals, housekeeping, 24-hour response system and social and recreational activities. It does not include personal assistance services such as bathing, dressing, or medication assistance.
- **Seniors housing:** Affordable housing geared toward individuals aged 55 or older or a couple where at least one person is age 55 or older. Seniors live independently and typically live-in self-contained apartments that provide accessible, barrier-free design features.
- **Assisted living:** Housing that includes hospitality services (e.g., meals, housekeeping, social and recreational activities) and one or two personal assistance services, such as regular assistance with activities of daily living, medication services or psychosocial supports (referred to as prescribed services). This housing is subject to registration by the Assisted Living Registrar and includes self-contained apartments for seniors or people with disabilities who need some support services to continue living independently, but do not need 24-hour facility care; or housing in which

residents receive services related to mental health and substance use issues.

BC Housing's latest non-market housing inventory was released on March 31, 2024, and includes counts of non-market housing provided as well as service recipients. This amounts to 1,002 units, the majority of which are in Fort St. John (505 units). 411 Units are in Dawson Creek, 44 Units in Chetwynd, 7 in Pouce Coupe, 4 in Peace River B, 3 in Hudson's Hope, and 1 each in Peace River C and D.

The most common type of unit accounted for is Independent Social Housing (393 units), which includes Low Income Families (265 units) and Independent Seniors (128). The bulk of these units in the study area (159) are in Dawson Creek. There are additionally 160 Transitional Supported Assisted Living Units in the PRRD, including 83 in Dawson Creek and 6 in Chetwynd. The specific number of Supportive Seniors Housing Units, Special Needs Units, and Women and Children Fleeing Violence units is suppressed. Lastly, there are 205 PRRD Emergency Shelter and Housing for Homeless Units, including 69 in Dawson Creek. Of these, 32 are Homeless Housed, 20 are Homeless Rent Supplements, and 17 are in Homeless Shelter spaces.

Consultations with affordable housing and social service providers have identified several ongoing issues.

- A lack of low-cost rental housing for working families.
- Aging low-income housing stock.
- Challenges with permit process time.
- A lack of winter shelter beds.
- Long distance to drug addiction services.
- Availability of pet-friendly rentals for low income and vulnerable populations.

Overall, there are strong indications that there is a desire and a growing need for greater affordable housing opportunities, as well as partners on the ground

in PRRD who are well placed, provided greater resources from government and civil society partners, to deliver affordable housing projects.

## Housing Suitability and Adequacy

"Housing suitability refers to whether a private household is living in suitable accommodations according to the National Occupancy Standard (NOS); that is whether the dwelling has enough bedrooms for the size and composition of the household. A household is deemed to be living in suitable accommodations if its dwelling has enough bedrooms as calculated using the NOS. (Census 2016)"

PRRD homes almost uniformly had enough bedrooms to meet National Occupancy Standards, with only 3 percent found below suitability standard, and 5 percent in British Columbia at-large. Area B had the most 'unsuitable housing, (6%) while many areas including C, D, E, Hudson's Hope and Pouce Coupe had no such housing reported by the census.

Table 63: Housing by Suitability and Adequacy Standards

| Suitability Standards                                 | PRRD   | BC        |
|---|--------|-----------|
| Total - Private households by housing below standards | 23,040 | 1,915,755 |
| Below the suitability standard (not suitable)         | 695    | 86,655    |
| % below the suitability standard (not suitable)       | 3      | 5         |

| Private households by housing below standards         | Area B | Area C | Area D | Area E | Chetwynd | Dawson Creek | Hudson's Hope | Pouce Coupe |
|---|--------|--------|--------|--------|----------|--------------|---------------|-------------|
| Total - Private households by housing below standards | 1,215  | 2,145  | 1,545  | 960    | 960      | 5,310        | 360           | 315         |
| Below the suitability standard (not suitable)         | 70     | 30     | 0      | 0      | 25       | 175          | 0             | 0           |
| % below the suitability standard (not suitable)       | 6      | 1      | 0      | 0      | 3        | 3            | 0             | 0           |
| Below the adequacy standard (major repairs needed)    | 70     | 150    | 105    | 85     | 80       | 345          | 20            | 40          |
| % below the adequacy standard (major repairs needed)  | 6      | 7      | 7      | 9      | 8        | 6            | 6             | 13          |

Adequacy, in Census parlance, refers to a given dwellings need for major repairs. Statistics Canada defined for 2021 need of repair in the following ways:

- **Regular Maintenance Needed:** Dwellings where only regular maintenance such as painting, or furnace cleaning is required.
- **Minor Repairs Needed:** Dwellings needing only minor repairs such as missing or loose floor tiles, bricks or shingles or defective steps, railings, or siding.
- **Major Repairs Needed:** Dwellings needing major repairs such as dwellings with defective plumbing or electrical wiring, and dwellings needing structural repairs to walls, floors, or ceilings.

In the Peace River Regional District, 6 percent of dwellings are below adequacy standards, implying that they require major repairs. This is modestly higher than BC overall (4%). The Most frequently encountered houses in need of repair are in Pouce Coupe, where 13 percent of occupied dwellings were found by the census to require major repairs, while only 6 percent of occupied dwellings in Area B, Dawson Creek, and Hudson's Hope require major repairs.

Generally, rental dwellings are less well maintained than owner-occupied dwellings, as an empirical matter. This is not a slight against tenants, but an outcome of houses not being lived in by the people responsible for their maintenance. However, in the PRRD renters are somewhat less likely than owners to live in inadequate housing needing major repairs. For the PRRD this does not appear to be a specifically noticeable issue with the housing stock.

### Shelter-cost-to-income-ratio

Shelter-cost-to-income ratio (STIR) refers to the proportion of average total income of household which is spent on shelter costs. It is calculated for private households living in owned or rented dwellings and is estimated by dividing a household's total annual shelter cost by its total annual income (for households with income greater than zero) and then taking an average of the individual households' STIRs. Shelter costs for owner households include, where applicable, mortgage payments, property taxes and condominium fees, along with the costs of electricity, heat, water, and other municipal services.

Table 64: Shelter Cost to Income Ratios

| Shelter-cost-to-income ratios   | PRRD      | BC        |
|---|-----------|-----------|
| <b>Owner and Tenant Households with Incomes &gt; \$0 , in non-farm, non-reserve private dwellings by shelter-cost-to-income ratio</b> | 23,040    | 1,915,755 |
| Spending <30% of Income on Shelter Costs  | 20,195    | 1,530,185 |
| Spending 30% or more of Income on Shelter Costs   | 2,845     | 385,570   |
| <b>Owner Households in Non-Farm Non-Reserve Private Dwellings</b>   | 15,770    | 1,353,695 |
| Owner Households with a Mortgage  | 10,460    | 773,665   |
| Owner Households Spending 30% or more of Income on Shelter Costs  | 8%        | 15%       |
| Average Monthly Shelter Costs for Owned Dwellings (\$)  | \$1,430   | \$1,654   |
| Median Value of Dwellings (\$)  | \$336,000 | \$785,000 |
| <b>Tenant Households in Non-Farm Non-Reserve Private Dwellings</b>  | 7,545     | 624,625   |
| Tenant Households in Subsidized Housing   | 9.7%      | 11.8%     |
| Tenant Households Spending 30% or more of Income on Shelter Costs   | 21%       | 30%       |
| Average Monthly Shelter Costs for Rented Dwellings (\$)   | \$1,155   | \$1,492   |

For the PRRD overall, about 8% of owner households and 21 percent of tenant households spend more than 30% or more of pre-tax income on shelter costs. This figure is quite a bit than seen , province wide, where 15% of homeowners and 30% of tenants are financially stretched to keep sheltered. This reflects the superior affordability of the PRRD housing stock, where the average owned dwelling in 2021 was worth 42% as much as province wide, and where shelter

Table 65: Shelter Cost to Income Ratios by Area

| Shelter-cost-to-income ratios                            | Area B    | Area C    | Area D    | Area E    | Chetwynd  | Dawson Creek | Hudson's Hope | Pouce Coupe |
|--|-----------|-----------|-----------|-----------|-----------|--------------|---------------|-------------|
| <b>Owner and Tenant Households with Incomes</b>          | 1,215     | 2,145     | 1,545     | 960       | 960       | 5,310        | 360           | 315         |
| Spending <30% of Income on Shelter Costs                 | 1,105     | 1,915     | 1,375     | 875       | 870       | 4,470        | 360           | 285         |
| Spending 30% or more of Income on Shelter Costs          | 110       | 230       | 170       | 85        | 90        | 840          | 0             | 30          |
| <b>Owner Households in Non-Farm Non-Reserve Private</b>  | 1,015     | 1,885     | 1,415     | 830       | 625       | 3,145        | 290           | 300         |
| Households with a Mortgage                               | 520       | 1,125     | 870       | 445       | 375       | 2,115        | 130           | 220         |
| Spending 30% or more of Income on Shelter Costs          | 9%        | 9%        | 11%       | 8%        | 3%        | 9%           | 0%            | 7%          |
| Average Monthly Shelter Costs for Owned Dwellings (\$)   | \$1,250   | \$1,674   | \$1,432   | \$1,106   | \$1,128   | \$1,334      | \$775         | \$1,320     |
| Median Value of Dwellings (\$)                           | \$376,000 | \$500,000 | \$388,000 | \$300,000 | \$276,000 | \$300,000    | \$200,000     | \$256,000   |
| <b>Tenant Households in Non-Farm Non-Reserve Private</b> | 230       | 295       | 160       | 140       | 345       | 2,200        | 70            | 20          |
| Households in Subsidized Housing                         | 8.7%      | 3.4%      | 0.0%      | 10.7%     | 7.2%      | 13.4%        | 0.0%          | 0.0%        |
| Spending 30% or more of Income on Shelter Costs          | 9%        | 20%       | 13%       | 14%       | 20%       | 25%          | 0%            | 0%          |
| Average Monthly Shelter Costs for Rented Dwellings (\$)  | \$920     | \$1,400   | \$960     | \$880     | \$1,032   | \$1,109      | \$1,200       | x           |

costs for tenants (rent and utilities) are only 77% of those seen in BC overall.

By area, homeowner unaffordability is most common in Area D, where 11% of homeowner households are spending more than 30% of their income to keep housed. For tenant households, affordability is more troublesome in Dawson Creek, where 25% of tenant households are burdened with too-high rents and utilities. Rents are highest in Dawson Creek (\$1,109) and Hudson's Hope (\$1,200) and Area C (\$1,400), while they are lowest in Area E (\$880). Sample sizes were not large enough for Pouce Coupe for the Census to estimate rent. Median

dwelling value (home prices) were highest in Area C (\$500,000) and lowest in Hudson’s Hope (\$200,000).

It’s worth noting that average homeowner shelter costs are not that different from rents, though are higher in all areas except Hudson’s Hope, where the sample of renters is quite small.

### Core and Extreme Core Housing Need

A household is in core housing need if its housing falls below at least one of the adequacy, affordability or suitability standards and if it would have to spend 30 per cent or more of its before-tax income to pay the median rent (including utilities) of appropriately sized alternative local market housing. “Extreme core housing need” has the same meaning as core housing need, except that the household has shelter costs for housing that are more than 50% of total before-tax household income.

Table 66: Core Housing Need

| Core Housing Need            |        |        |         |                  |           |         |
|------------------------------|--------|--------|---------|------------------|-----------|---------|
| Households                   | PRRD   |        |         | British Columbia |           |         |
|                              | Total  | Owners | Tenants | Total            | Owners    | Tenants |
| Total Households             | 23,040 | 15,495 | 7,545   | 1,915,755        | 1,291,130 | 624,625 |
| Share                        | 100%   | 67%    | 33%     | 100%             | 67%       | 33%     |
| Below Suitability Standard   | 695    | 265    | 430     | 86,655           | 36,330    | 50,325  |
| Rate                         | 3%     | 2%     | 6%      | 5%               | 3%        | 8%      |
| Below Adequacy Standard      | 1,485  | 1,070  | 415     | 74,035           | 49,250    | 24,785  |
| Rate                         | 6%     | 7%     | 6%      | 4%               | 4%        | 4%      |
| Below Affordability Standard | 2,845  | 1,295  | 1,550   | 385,570          | 199,355   | 186,215 |
| Rate                         | 12%    | 8%     | 21%     | 20%              | 15%       | 30%     |
| Below All Three Standards    | -      | -      | -       | 1,665            | 560       | 1,105   |
| Rate                         | 0%     | 0%     | 0%      | 0%               | 0%        | 0%      |
| In Core Housing Need         | 1,770  | 700    | 1,070   | 257,090          | 102,850   | 154,240 |
| Rate                         | 8%     | 5%     | 14%     | 13%              | 8%        | 25%     |
| Extreme Core Housing Need    | 805    | 395    | 410     | 134,625          | 64,795    | 69,825  |
| Rate                         | 3%     | 3%     | 5%      | 7%               | 5%        | 11%     |

Per the 2021 Census, unaffordable housing afflicted 12 percent of PRRD households, 20 percent in British Columbia. Extreme Core Housing Need afflicted 3 percent of households in the PRRD compared to 6 percent in BC. Affordability was the largest driver of core housing need, with 6% of PRRD

households without properly maintained homes (adequacy) and 3% of households living in homes without a proper number of bedrooms for the composition of the household (suitability). Adequacy was slightly worse than BC overall.

Overall, 8% of PRRD households were in core housing need, and 3% in Extreme Core Housing Need, compared with 13% and 7% for BC, respectively. This reflects the how there is less pressure on the housing market in Peace communities than in much of the province.

Notably, tenants are much more likely to be in core housing need than owners. 14% of tenant households are in core housing need and 5% in extreme core housing need. This effect is primarily driven by affordability, with 21% of tenant households required to spend more than 30% of their income on housing. This effect is to some extent a matter of life – tenant households are usually younger and less established. However, these statistics can be better or worse, as can be seen in the 31% of province-wide tenant households suffering from unaffordable housing.

## 4. Housing Market Characteristics

### Housing Sales Activity

This section looks at housing sales in the PRRD. BC Assessment data for the year 2021<sup>3</sup> has been provided, showing market sales in PRRD communities, split among various classes of property. Not every community will have the same housing types available. Additionally, Section 19(8) properties have been excluded from this analysis.

For Peace River Electoral Areas, the average single-family dwelling is estimated to have a value of \$351,000, while the average for the four studied cities, districts, and villages was \$253,000

#### Area B

The sales data indicates that:

- Single Family Dwellings have an average value of \$186,000.
- Manufactured homes have an observed value of \$64,000
- Large properties have an average value of \$356,000.

#### Area C

The sales data indicates that:

- Single Family Dwellings have an average value of \$396,000.
- Residential Dwellings with Suites have an average value of \$481,000
- Manufactured homes have an observed value of \$131,000
- Large properties have an average value of \$549,000.

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<sup>3</sup> Year is consistent with Census data used for the rest of the report.

### Area D

The sales data indicates that:

- Single Family Dwellings have an average value of \$251,000.
- Manufactured homes have an observed value of \$115,000
- Large properties have an average value of \$360,000.

### Area E

The sales data indicates that:

- Single Family Dwellings have an average value of \$293,000.
- Manufactured homes have an observed value of \$53,000
- Large properties have an average value of \$302,000.

### District of Chetwynd

The sales data indicates that:

- Single Family Dwellings have an average value of \$266,000.
- Residential Dwellings with Suites have an average value of \$326,000
- Duplex (side by side or front / back) have an average value of \$262,000
- Manufactured homes have an average value of \$93,000
- Row houses have an average value of \$67,000
- Large properties have an average value of \$359,000.

### City of Dawson Creek

The sales data indicates that:

- Strata Condos have an average value of \$120,000
- Single Family Dwellings have an average value of \$255,000.

- Residential Dwellings with Suites have an average value of \$376,000
- Duplex (side by side or front / back) have an average value of \$350,000
- Manufactured homes have an average value of \$70,000
- Row houses and Triplexes have an average value of \$253,000
- Large properties have an average value of \$630,000.

### District of Hudson's Hope

The sales data indicates that:

- Single Family Dwellings have an average value of \$205,000.
- Residential Dwellings with Suites have an average value of \$300,000
- Duplex (side by side or front / back) have an average value of \$245,000
- Manufactured homes have an average value of \$109,000
- Large properties have an average value of \$237,000.

### Village of Pouce Coupe

The sales data indicates that:

- Single Family Dwellings have an average value of \$223,000.
- Residential Dwellings with Suites have an average value of \$366,000
- Duplex (side by side or front / back) have an average value of \$290,000
- Manufactured homes have an average value of \$153,000
- Large properties have an average value of \$357,000.

However, all this data should be taken with due consideration of the small number of sales and resulting difficulty in accurately reflecting market values.

The Team reviewed current properties for sale through Multiple Listings Service and found that prices are plausibly like assessment values.

## Rental Housing

In 2020, per the 2021 Census, the renter shelter cost (rent and utilities) in PRRD was \$1,155, or about 77% of BC-wide levels. This is based upon current rents paid by tenants, rather than current market turnover rents. This was highest in Area C (\$1,400) and lowest in Area E (\$880). This represents a 30% increase in the last 15 years, which is approximately the rate of inflation. This compares poorly with the 52% rent increase seen in BC in that time. Rents are observed to have grown fastest in Hudson’s Hope (91%), though this is a small sample. And slowest in Area C (23%) where they were already highest.

Table 68: Tenant Shelter Costs

| Rented Dwellings: Monthly Shelter Cost |        |          |         |          |          |              |               |             |          |          |
|--|--------|----------|---------|----------|----------|--------------|---------------|-------------|----------|----------|
|  | Area B | Area C   | Area D  | Area E   | Chetwynd | Dawson Creek | Hudson's Hope | Pouce Coupe | PRRD     | BC       |
| 2021 Median                            | \$ 785 | \$1,280  | \$ 800  | \$ 900   | \$ 1,010 | \$ 1,020     | \$ 1,080      |             | \$ 1,100 | \$ 1,370 |
| 2021 Average                           | \$ 920 | \$1,400  | \$ 960  | \$ 880   | \$ 1,032 | \$ 1,109     | \$ 1,200      |             | \$ 1,155 | \$ 1,492 |
| 2016- Average                          | \$ 816 | \$ 1,236 | \$1,029 | \$ 761   | \$ 952   | \$ 1,120     | \$ 1,062      | \$ 796      | \$ 1,158 | \$ 1,149 |
| 2011- Average                          | \$ 638 | \$ 1,079 | \$1,079 | \$ 1,078 | \$ 927   | \$ 967       | \$ 829        | \$ 802      | \$ 1,035 | \$ 1,075 |
| 2006-Average                           | \$ 587 | \$ 1,140 | \$ 758  | \$ 700   | \$ 770   | \$ 757       | \$ 627        | \$ 824      | \$ 887   | \$ 980   |
| Percentage Increase 2006-2021          | 57%    | 23%      | 27%     | 26%      | 34%      | 46%          | 91%           |             | 30%      | 52%      |

While rents in PRRD Communities are not exceptionally heavy, there are nonetheless reports from social service providers and resident stakeholders of community members who are unable to secure proper housing in these conditions.

Commercial rental market data for PRRD, including 2,613 units (about one third of the total rental market) from CoStar suggested a rental rate of \$840 for studio, \$1,027 for 1 bedroom, \$1,308 for two-bedroom units and \$1,405 for three bedroom asking rents, averaging to \$1,228 per unit. This is different from the Census figure or the CMHC rental market survey as it reflects market rents that can be leased presently rather than existing leases signed previously. CoStar’s data suggests a 2.1% vacancy rate as of Spring 2024. The rental vacancy rate at Q2 2021 (same data as census data) was 1.4% and market asking rents were \$1,068.

## Affordability of Market Rate Housing

This section examines the extent to which market rate housing is affordable to PRRD residents. Affordable, for this purpose, has been defined using the 30 percent of gross income standing used by the Canadian Mortgage & Housing Corporation.

Shelter costs include mortgage payments, (both principal and interest), property taxes, condominium fees, along with payments for electricity, fuel, water, and other municipal services. For tenant households, shelter costs include rent as well as utilities and service payments.

For this analysis, the consultant has assumed:

- 20 percent down payment – this is the standard down payment for borrowers without mortgage insurance required for high-ratio (less than 20 percent down) loans.
- 25-year mortgage amortization – this is the standard mortgage available for Canadian borrowers, and reflects the lowest generally available monthly payments
- 6.14 percent mortgage interest – this is the current Bank of Canada average posted rate as of August 3, 2024, for five-year conventional mortgages.
- 0.25 percent insurance rate - this is to account for insurance requirements the lender may have.
- \$7.50 property tax per thousand dollars in assessed value reflecting a typical PRRD property tax rate

- Buyers are only purchasing one unit: no rental income is derived from property for bank loan purposes.

Table 69: Affordability by Typology

| Dwelling Types         | Sales Price | Loan Amount | Mortgage Payment (Monthly) | PITI (Annual) | Qualifying Income (Annual) | % of Households that Fall Below Affordability |
|------------------------|-------------|-------------|----------------------------|---------------|----------------------------|---|
| <b>Owner-Occupied</b>  |             |             |                            |               |                            |   |
| Rural Single-Detached  | \$ 351,000  | \$ 280,800  | \$ 1,833                   | \$ 25,510     | \$ 85,032                  | 43%   |
| Muni. Single-Detached  | \$ 253,000  | \$ 202,400  | \$ 1,321                   | \$ 18,387     | \$ 61,291                  | 30%   |
| Half Duplex            | \$ 350,000  | \$ 280,000  | \$ 1,828                   | \$ 25,437     | \$ 84,790                  | 43%   |
| Mobile/Manufactured    | \$ 100,000  | \$ 80,000   | \$ 522                     | \$ 7,268      | \$ 24,226                  | 8%  |
| Strata Condominium     | \$ 120,000  | \$ 96,000   | \$ 627                     | \$ 8,721      | \$ 29,071                  | 8%  |
| <b>Renter-Occupied</b> |             |             |                            |               |                            |   |
| Median Rent (2021)     |             |             | \$ 1,100                   |               | \$ 44,000                  | 20%   |

As shown in the above diagram, most housing in the PRRD is relatively affordable, with a relatively small part of the population excluded from market. This is not unexpected in a largely rural and small-town community with limited population growth or economic pressure.

Table 70: Affordability by Household Type

| Households                 | Median Household Income | Affordable purchase price | Rural Single-Detached | Muni. Single-Detached | Half Duplex | Mobile/Manufactured | Strata Condominium | Median 2016 Rent |
|----------------------------|-------------------------|---------------------------|-----------------------|-----------------------|-------------|---------------------|--------------------|------------------|
|                            |                         |                           | \$ 351,000            | \$ 253,000            | \$ 350,000  | \$ 100,000          | \$ 120,000         | \$ 1,100         |
| Couple-only family         | \$ 108,000              | \$ 585,386                | ✓                     | ✓                     | ✓           | ✓                   | ✓                  | ✓                |
| Couple-with children       | \$ 144,000              | \$ 780,515                | ✓                     | ✓                     | ✓           | ✓                   | ✓                  | ✓                |
| Lone-parent family         | \$ 67,500               | \$ 365,866                | ✓                     | ✓                     | ✓           | ✓                   | ✓                  | ✓                |
| <b>Family income</b>       | \$ 118,000              | \$ 639,588                | ✓                     | ✓                     | ✓           | ✓                   | ✓                  | ✓                |
| 1 person households        | \$ 52,000               | \$ 281,852                | ✗                     | ✓                     | ✗           | ✓                   | ✓                  | ✓                |
| 2 or more person household | \$ 120,000              | \$ 650,429                | ✓                     | ✓                     | ✓           | ✓                   | ✓                  | ✓                |
| <b>Household income</b>    | \$ 97,000               | \$ 525,763                | ✓                     | ✓                     | ✓           | ✓                   | ✓                  | ✓                |

The above table examines affordability for the median income of various household and family structures. In Peace River, only the Median 1-person household is insufficiently well off to afford an average rural single detached home or half duplex. That is before considering that there are large numbers of below-average cost homes available in a given community. Market housing conditions are relatively favorable for Peace River communities. Generalized housing crisis that afflicts many communities of Southern BC is not the same sort of housing concern and requires different considerations.

## 5. Current Gaps in the Housing Market

While market housing in the Peace River Regional District is relatively affordable, especially compared to other BC Jurisdictions, a few issues have been identified by stakeholders suggesting that some residents of the Peace are falling through the cracks.

### Non-Market Housing

The PRRD is home to several non-market housing developments. Stakeholders and operators note that while local government are willing to work with them and provide permits and assistance, it is difficult to make housing developments work. In part this is a sign of success – in a more expensive town there's more rent to be collected for cross-subsidy of affordable units.

By nature, non-profit development doesn't have a lot of wiggle room. There are no profits to cushion unexpected expenses, as profits are pre-committed to providing affordable housing, and there are often higher costs to build and operate. With that narrow window of success, it's important that non-profit housing be as unburdened by costs and permitting process as practical. The more that things can be done quickly, predictably, and affordably, the more surplus there can be to sustain below-market rents and social services.

Options, working with the Province and with social services providers are on a spectrum including:

- Short term safety net housing
  - Emergency Shelters
  - Shelters for people fleeing domestic violence
- Supportive housing
  - Assisted living for seniors
  - Housing for the disabled
- Subsidized Housing
  - Independent living with below market rents

- o Mixed use market/non-market housing

Often these uses can be mixed, to provide a range of options on site meeting multiple needs as well as market revenue to reduce the need for wider subsidy.

## Diverse Housing

Permissive zoning and planning are key measures to drive down the cost of floor space, even in less costly markets. At the same time, it is necessary to manage the impact of development on the wildland interface and on public infrastructure. As such, while there are important limits on the way homes are built in rural areas and small communities, it's important to be permissive.

For the most part, Rural Peace River areas outside agricultural areas are characterized by Residential zoning on large lots. Typically, this is what buyers want, however provided sufficient infrastructure less land-intensive modes of development can meet niches that can serve the community, including manufactured homes which are often more affordable than site-built equivalents. Requiring less land per house also reduces the consumption of potential farmland per home, preserving this legacy for the future.

It is good that provision for secondary units is current permitted in the OCP, as this allows for the possibility of low-cost, low impact intensification across a wide area. This can assist in addressing this issue.

## Dealing with Economic Ups and Downs

In a community where economic activity and population can swing up or down depending on the price of natural gas or wheat or whether there's a big construction project underway, many institutions will have trouble attracting residents to work in key service jobs such as nurses or fire fighters or teachers. In this circumstance, people are understandably unwilling to sink their savings into buying homes where future home prices are less stable. Assisting institutions to provide quality employee housing for people whose work is important to the community can help attract such professionals and skilled workers supporting the provision of local and regional public services.

## 6. Housing Needs Projections

### How Are Housing Needs Calculated

In the Summer of 2024, the Province provided a standardized housing needs formula. It is built from six components.

- Supply of units to reduce extreme core housing need
- Supply of units to reduce homelessness
- Supply of units to address suppressed household formation
- Supply of units needed to meet household growth over the next 5 to 20 years.
- Supply of units needed to meet at least a 3% vacancy rate.
- Supply of units needed to meet local demand (municipalities only)

This methodology is necessarily imperfect but is designed to take account of both social variables (such as homelessness, population growth estimates) as well as variables that reflect market demand such as rental vacancy rates.

The model does not directly deal in economic viability, which is a weakness. As such, the cost of construction or level of prices and rents are not incorporated. Under this scenario, it's possible for the model to generate numbers for required new housing that might not be buildable under present costs for current market rents and prices. The province has, however, provided a 'demand adjustment factor' for each municipality intended to provide some market input. The model is not attempting to create a market-based estimate of how much housing ought to be built, however. The 'local demand' figure is a black-box provided by the Province with limited background information.

Due to limits on data availability, some categories are based upon taking the region-wide estimate and portioning it out to each town, city, village, or electoral area by population. In some cases, this may result in unintuitive or unreasonable estimates, especially where Regional Districts are internally

diverse or where small population sizes create potential for outliers. Results should be interpreted considering these limitations.

First calculated is the 20-year estimate, and then the 5-year estimate based upon the province's weighting of each sub-category's importance for immediate address. For example, half the units for addressing homelessness are supposed to be delivered in 5 years, while only a quarter of the units expected for 20 years to address rental vacancy rates are supposed to be delivered in 5 years.

Please note that greater details on calculations can be found in the appendices.

## Supply of Units to Reduce Extreme Core Housing Need

This statistic refers to the Census estimate of households (both renters and homeowners) for households that are regarded by Statistics Canada as having housing that has an unsuitable number of bedrooms for the household size or is in an inadequate state of repair, and the household spends 50% or more of pre-tax income on housing costs without being able to find affordable, adequate, suitable housing in the community. These figures are based upon an average across the 2006, 2011, 2016 and 2021 Censuses.

While this figure can in some cases be reduced by bringing existing homes into a state of good repair, this figure is taken conservatively to indicate new housing demand and does not account for households spending 30-50% of income on unaffordable housing.

Table 71: Housing Need from Extreme Core Housing Need

| <b>Extreme Core Housing Need</b> |                      |             |                   |                  |
|----------------------------------|----------------------|-------------|-------------------|------------------|
| Rate of ECHN                     | Mortgaged Owners (%) | Renters (%) | 20-Year New Units | 5-Year new Units |
| Area B                           | 0.00%                | 1.19%       | 2.98              | 0.74             |
| Area C                           | 0.00%                | 0.75%       | 2.43              | 0.61             |
| Area D                           | 3.63%                | 5.93%       | 67.78             | 17.44            |
| Area E                           | 0.00%                | 9.38%       | 13.61             | 3.40             |
| Chetwynd                         | 0.00%                | 2.82%       | 10.16             | 2.54             |
| Dawson Creek                     | 0.95%                | 9.86%       | 252.94            | 63.24            |
| Hudson's Hope                    | 0.00%                | 5.44%       | 4.35              | 1.09             |
| Pouce Coupe                      | 0.00%                | 0.00%       | -                 | -                |
| Total                            |                      |             | 354.25            | 89.06            |

Source: Housing Assessment Resource Tools, Urbanics Consultants Ltd.

## Supply of Units to Reduce Homelessness

This statistic refers to sufficient housing for people experiencing homelessness. Data is drawn from the Province’s Integrated Data Project and accounts for individuals who have received income assistance and had no fixed address for three consecutive months or have stayed in a BC Housing-affiliated shelter for at least one night. As this is a regional figure this unit count is attributed to cities, towns, villages, and electoral areas in proportion to population share.

Table 72: Units Required to Address Regional Homelessness

| <b>Housing Units and Homelessness</b> |                                      |                    |                          |                          |                         |
|---------------------------------------|--------------------------------------|--------------------|--------------------------|--------------------------|-------------------------|
|                                       | <b>Local Population (Private HH)</b> | <b>% of Region</b> | <b>Regional Unhoused</b> | <b>20-Year New Units</b> | <b>5-Year new Units</b> |
| Area B                                | 5,300                                | 8.19%              | 362                      | 29.64                    | 14.82                   |
| Area C                                | 5,945                                | 9.19%              |                          | 33.25                    | 16.62                   |
| Area D                                | 4,585                                | 7.08%              |                          | 25.64                    | 12.82                   |
| Area E                                | 2,645                                | 4.09%              |                          | 14.79                    | 7.40                    |
| Chetwynd                              | 2,275                                | 3.51%              |                          | 12.72                    | 6.36                    |
| Dawson Creek                          | 12,070                               | 18.65%             |                          | 67.51                    | 33.75                   |
| Hudson's Hope                         | 790                                  | 1.22%              |                          | 4.42                     | 2.21                    |
| Pouce Coupe                           | 720                                  | 1.11%              |                          | 4.03                     | 2.01                    |
| <b>Total</b>                          | <b>34,330</b>                        | <b>53.0%</b>       |                          | <b>362</b>               | <b>192.00</b>           |

Source: Housing Assessment Resource Tools, Urbanics Consultants Ltd.

## Supply of Units to Address Suppressed Household Formation

Often household size is taken as a given in demographic estimates, however the number of people per household is sensitive to the cost and availability of households. In a community undergoing housing stress there will be unusually large numbers of adult children living with their parents, unusually large numbers of roommates, unusually large numbers of couples cohabitating more early in their relationships than they might otherwise or couples remaining in dysfunctional relationships due to housing costs and availability.

This figure is calculated based upon 2006 census data, assumed to be a time when housing pressures were less intense to calculate a baseline level of household headship rates by renter/owner status and age cohort. This is then compared to present population household headship rates to estimate how many households would have formed if the housing had been available.

Table 73; Housing Need due to Suppressed Household Formation

| Suppressed Household Formation |                    |                |                |                |                |                |                   |                  |                 |
|--------------------------------|--------------------|----------------|----------------|----------------|----------------|----------------|-------------------|------------------|-----------------|
| Suppressed Households          | 15 to 24 Years Old | 25 to 34 Years | 35 to 44 Years | 45 to 54 Years | 55 to 64 Years | 65 to 74 Years | 75 years and over | Total - 20 Years | Total - 5 Years |
| Area B                         | 1.82               | 1.00           | -              | 33.10          | -              | 65.70          | 1.87              | 118.60           | 29.65           |
| Area C                         | -                  | -              | -              | -              | 23.32          | 28.06          | 61.00             | 112.39           | 28.10           |
| Area D                         | -                  | -              | 3.05           | 0.59           | -              | 76.36          | 33.18             | 113.18           | 28.30           |
| Area E                         | -                  | -              | -              | 45.13          | -              | -              | -                 | 45.13            | 11.28           |
| Chetwynd                       | -                  | 11.35          | 16.98          | -              | 1.35           | 20.22          | 30.00             | 79.89            | 19.97           |
| Dawson Creek                   | -                  | 18.53          | 86.63          | 5.19           | -              | 1.50           | 3.30              | 115.14           | 28.79           |
| Hudson's Hope                  | -                  | 2.14           | -              | 12.94          | 1.49           | 17.06          | -                 | 33.63            | 8.41            |
| Pouce Coupe                    | 3.33               | -              | 24.35          | -              | -              | 14.58          | 22.86             | 65.12            | 16.28           |
| Total                          | 5.15               | 33.02          | 131.01         | 96.95          | 26.16          | 223.48         | 152.21            | 683.08           | 170.78          |

Source: Housing Assessment Resource Tools, Urbanics Consultants Ltd.

These figures suggest that the number of suppressed households is concentrated among the elderly, who account for 55% of the suppressed households compared to 2006 baselines as adjusted for demographic composition. This is a counter-intuitive finding as it is usually the case that younger households have more difficulty with sustaining an independent household, however it does accord to engagement responses suggesting a strong desire for rural families to remain in connected households. Further information on these calculations can be examined in the appendices.

## Supply of Units Needed to Meet Projected Growth

This statistic is drawn from BC Stats Household projections. BC Stats projections were harmonized with Statistics Canada in 2022 and are based upon a model using age and sex cohort data to estimate future population change from expected births, deaths, and migration. This is supplemented with data on employment, residential building permits, community plans and other indicators of housing availability.

As such it is important to note that this is *not an independent variable*. The amount of housing permitted in the past will tend to shape population growth and shape this model's projection of future household growth. Because this data is so dependent on past policy outcomes, it should not be used on its own to inform housing needs.

The figure used by the province is a combination of two scenarios, one based upon municipal growth projections, and one based upon regional projections. As local cities and towns necessarily exist in regional housing markets, this approach reduces the impact of local specifics. For Electoral Areas, this figure is based purely on regional growth projections portioned out by population share.

Table 74: Supply of Units Necessary to Meet Projected Growth

| Anticipated 20-Year Household Growth |                      |                 |                                 |  |                   |                  |        |
|--------------------------------------|----------------------|-----------------|---------------------------------|--|-------------------|------------------|--------|
|                                      | Regional Growth Rate | 2021 Households | Projected 2041 Local Households | Projected 2041 Region-based Households | 20-Year New Units | 5-Year new Units |        |
| Area B                               | 18.57%               | 1,720           | n/a                             | 2,039.48                               | 319.48            | 78.95            |        |
| Area C                               |                      | 2,270           | n/a                             | 2,691.64                               | 421.64            | 104.20           |        |
| Area D                               |                      | 1,820           | n/a                             | 2,158.05                               | 338.05            | 83.55            |        |
| Area E                               |                      | 1,085           | n/a                             | 1,286.53                               | 201.53            | 49.80            |        |
| Chetwynd                             |                      | 995             | 893.00                          | 1,179.81                               | 41.41             | 12.84            |        |
| Dawson Creek                         |                      | 5,405           | 5,965.00                        | 6,408.94                               | 781.97            | 184.56           |        |
| Hudson's Hope                        |                      | 380             | 379.00                          | 450.58                                 | 34.79             | 16.72            |        |
| Pouce Coupe                          |                      | 315             | 287.00                          | 373.50                                 | 15.25             | 7.23             |        |
| Total                                |                      |                 | 13,990                          | 7,524.00                               | 16,588.53         | 2,154.12         | 537.85 |

Source: Housing Assessment Resource Tools, Urbanics Consultants Ltd.

Moreover, caution must be taken with respect to population estimates for electoral areas. The Province's method applies regional population forecasts to individual electoral areas and applies an average of the local population forecast and regional forecast for municipalities. For internally diverse Regional Districts, this can create unintuitive or unreasonable results, however this does reflect overall regional projections. In this case, Chetwynd, Hudson's Hope, and Pouce Coupe are not projected to grow in households in their own population forecasts, however the 18.57% regional population growth applied 50% to all municipalities pulls the projections for these communities upwards.

## Supply of Units Needed to Meet at Least a 3% Vacancy Rate

Rental vacancy rates are a reliable indicator of limited housing supply, and it is often held that that a 3% vacancy rate is a ‘balanced’ level. When vacancy rates are below 3%, they suggest that there are more potential households seeking tenancies than there are available tenancies, and that rent will tend to rise. When vacancy rates are above 3%, rents will tend to moderate as landlords have a harder time attracting tenants.

Rental vacancy rate data is drawn from the CMHC’s Primary Rental Market 2021 Vacancy Rate data, which is based on a survey of purpose-built rental landlords. As this data is collected only for population centres above 2,500, where this data is not available rental vacancy is assumed to be the provincial average (1.4%). Though this figure is drawn from purpose-built rentals only, it is assumed that the whole market, including rented condo units, rented houses, and other small-scale residential land-lording operations follow similar trends. As such the vacancy rate is compared to the total number of rental households. Where Vacancy rates already exceed 3%, this is treated as a need for 0 new units.

Table 75: Supply of Units Necessary to Reduce Rental Vacancy Rates

| Rental Vacancy Rate Adjustment |                           |                             |                   |                          |                             |                   |                  |
|--------------------------------|---------------------------|-----------------------------|-------------------|--------------------------|-----------------------------|-------------------|------------------|
|                                | Local Vacancy Figure Used | Primary Rental Vacancy Rate | Rental Households | Target Total With Vacant | Projected Total With Vacant | 20-Year new Units | 5-Year new Units |
| Area B                         | No                        | 1.40%                       | 250               | 257.73                   | 253.55                      | 4.18              | 1.05             |
| Area C                         | No                        | 1.40%                       | 325               | 335.05                   | 329.61                      | 5.44              | 1.36             |
| Area D                         | No                        | 1.40%                       | 165               | 170.10                   | 167.34                      | 2.76              | 0.69             |
| Area E                         | No                        | 1.40%                       | 145               | 149.48                   | 147.06                      | 2.43              | 0.61             |
| Chetwynd                       | No                        | 1.40%                       | 360               | 371.13                   | 365.11                      | 6.02              | 1.51             |
| Dawson Creek                   | Yes                       | 9.80%                       | 2,260             | 2,329.90                 | 2,481.48                    | -                 | -                |
| Hudson's Hope                  | No                        | 1.40%                       | 80                | 82.47                    | 81.14                       | 1.34              | 0.34             |
| Pouce Coupe                    | No                        | 1.40%                       | 20                | 20.62                    | 20.28                       | 0.33              | 0.08             |
| Total                          |                           |                             | 3,605             | 3,716                    | 3,846                       | 23                | 6                |

Source: Housing Assessment Resource Tools, Urbanics Consultants Ltd.

Only Dawson Creek has an individualized rental vacancy rate under this model, (9.8%, 5.3% in 2023) however other urban centres in the CMHC 2021 Rental Market Study are available. For Fort St. John the rental vacancy rate was 11.8% and remains 5.7% in 2023. These figures together suggest that the vacancy

rate for Peace River rural communities would be similarly elevated, though vacancy rates have declined substantially between 2021 and 2023 in both Dawson Creek and Fort St. John. However, the total units called for by the vacancy rate calculation is less than one half of one percent of the overall housing needs assessment.

### Supply of Units Needed to Meet Local Demand

The ‘Demand Buffer’ is intended to provide sufficient additional units to enable overall residential market ‘health.’ The province applies this factor only municipalities, and for this purpose electoral areas are not expected to contribute additional housing.

This figure is based upon the number of units recommended by Extreme Core Housing Need, Homelessness, Suppressed Household Formation, and the rental vacancy rate multiplied by a municipality by municipality ‘demand factor.’ Regrettably, the province has declined to fully explain how demand factors were calculated.

The demand factor for Peace River municipalities are as follows:

Table 76: Demand Factors for PRRD

|               |        |
|---------------|--------|
| Chetwynd      | 0.8499 |
| Dawson Creek  | 0.7494 |
| Fort St. John | 0.8531 |
| Hudson's Hope | 1.4549 |
| Pouce Coupe   | 1.4549 |
| Taylor        | 1.1830 |
| Tumbler Ridge | 0.4549 |

Source: BC Ministry of Housing, Guidelines for Housing Needs Reports – HNR Method Technical Guidance

These figures suggest that the province views Hudson’s Hope and Pouce Coupe as strong demand communities, while it view Chetwynd and Dawson Creek as low demand communities, as shown by having a Demand Factor greater or less than one.

Table 77: Demand Adjustment Unit Counts

| Demand Adjustment |                           |                     |                       |                           |             |                   |                  |
|-------------------|---------------------------|---------------------|-----------------------|---------------------------|-------------|-------------------|------------------|
|                   | Extreme Core Housing Need | Homeless Population | Suppressed Households | Rental Vacancy Adjustment | Multiplier  | 20-Year new Units | 5-Year new Units |
| Area B            | n/a                       |                     |                       |                           | -           | -                 | -                |
| Area C            | n/a                       |                     |                       |                           | -           | -                 | -                |
| Area D            | n/a                       |                     |                       |                           | -           | -                 | -                |
| Area E            | n/a                       |                     |                       |                           | -           | -                 | -                |
| Chetwynd          | 10.16                     | 12.72               | 79.89                 | 6.02                      | 0.85        | 92.47             | 23.12            |
| Dawson Creek      | 252.94                    | 67.51               | 115.14                | -                         | 0.75        | 326.43            | 81.61            |
| Hudson's Hope     | 4.35                      | 4.42                | 33.63                 | 1.34                      | 1.45        | 63.64             | 15.91            |
| Pouce Coupe       | -                         | 4.03                | 65.12                 | 0.33                      | 1.45        | 101.09            | 25.27            |
| <b>Total</b>      | <b>267.45</b>             | <b>88.68</b>        | <b>293.78</b>         | <b>7.69</b>               | <b>4.50</b> | <b>583.63</b>     | <b>145.91</b>    |

Source: Housing Assessment Resource Tools, Urbanics Consultants Ltd.

## Assessed Housing Need

Combined, these factors provide overall assessment of housing need.

Table 78: Assessment of Housing Needs

| Total Housing Need |                  |                 |
|--------------------|------------------|-----------------|
|                    | Total - 20 Years | Total - 5 Years |
| Area B             | 475              | 125             |
| Area C             | 575              | 151             |
| Area D             | 549              | 143             |
| Area E             | 277              | 72              |
| Chetwynd           | 243              | 66              |
| Dawson Creek       | 1,544            | 392             |
| Hudson's Hope      | 142              | 45              |
| Pouce Coupe        | 186              | 51              |
| <b>Total</b>       | <b>3,991</b>     | <b>1,045</b>    |

Source: Housing Assessment Resource Tools, Urbanics Consultants Ltd.

For the Electoral Areas and Municipalities under study, the assessment calls for a total of 3,991 units to be constructed between 2021 and 2041, with 1,045 (26% constructed between 2021 and 2026). The largest portion is allocated to Dawson Creek, with 1,544 units assessed (392 over five years).

## 7. Best Practices

Best practices will vary between rural and unincorporated communities in the PRRD and cities, towns, and villages, however there are several practices that provide generally good advice for reducing housing needs.

These include efforts on the part of senior government and local government to encourage non-market housing and private market development.

### Senior Government Policy

Some relevant provincial and federal policy for PRRD includes:

- BC Builds partnerships for surplus public land or community partners
- Grant funding for Housing Needs Reports, zoning bylaws, OCP reviews, DCC and ACC studies, infrastructure planning, demand management studies, inclusionary zoning bylaws and other efforts.
- BC Housing Private Market Rental Assistance (RAP)
- BC Seniors Home Renovation Tax Credit: Adults 65 years old and over can receive assistance in the cost of certain permanent home renovations that improve accessibility or help a senior be more functional or mobile at home.
- BC home support services: Community-based, non-medical home support services (e.g., transportation, housekeeping, etc.) that are intended to help older adults stay in their own homes.
- BC Homeowner Grant: Reduces the amount of property tax that older adults 65 and over that qualify pay for their principal residence. Additional homeowner grants are available for seniors, veterans, people with disabilities and their spouses.
- BC Property Tax Deferment: A low interest loan program that helps qualified BC homeowners pay their annual property taxes on their principal residence. Seniors, surviving spouses, people with disabilities,

parents of certain disabled children are eligible. Property taxes are paid by the Province for local government rates.

- BC Rebate for Accessible Home Adaptations: Financial assistance to undertake accessibility modifications to housing occupied by seniors or persons with disabilities.
- Canada Housing Benefit: Shelter allowance paid to working families to help make rent more affordable.
- Shelter Aid for Elderly Renters (SAFER): Shelter allowance paid to elderly renters (60 years of age and older) to help make rent more affordable, provided through BC Housing
- Purpose Built Rental GST Rebate: a 100% rebate for GST on new build purpose built rental construction
- MLI Select: CMHC mortgage loan insurance for construction of new housing based upon a flexible combination of affordability, energy efficiency and accessibility providing enhanced interest rates. This program has been recently scaled back but has constructed a great deal of the new rental stock in recent years.

## Effective Measures

The Peace River Regional District and affiliated municipalities could potentially use a variety of measures to enhance the supply of more affordable housing.

- Permit smaller lots where servicing permits:
  - Where water and sewage issues allow, requiring larger lot sizes doesn't do much to further urban planning objectives, but does require more land per house.
  - Lots with sewers in R-1 PRRD areas, for example, require a quarter acre and R-2 requires a whole acre.
- Allow smaller units:

- Smaller units are not the ideal home for everyone; however, they make for cheaper housing that is more affordable to lower income households without subsidy.
- Smaller units can be the difference between subsidized housing and low-income tenants being able to independently support their own housing needs.
- Limiting density controls:
  - Provided infrastructure, there are various ways that more housing could be provided on existing lots by allowing more square footage, including larger secondary suites, less restrictive setbacks, and more dwellings per lot.
- Permitting additional multi-unit housing:
  - Multi-family housing works to bring down costs in a, by bringing down the amount of land needed for every home, and by sharing certain costs (though tends to come with higher costs per square foot to build). Multi-unit housing can be permitted in more areas, infrastructure provided.
  - These units are also able to serve as more affordable rental market housing, filling an identified need in the local market.
  - Stakeholders have noted that this would provide more options for residents.
- Enhancing provision of secondary dwelling units:
  - Secondary suites could be allowed to be larger and on easier terms. Rural stakeholders have suggested that this may help with farm succession planning.
- Restraining Development Cost Charge and Amenity Cost Charge rates
  - DCC and ACC Rates are effectively a tax on homebuilding. While some of the cost is paid by developers and landowners, empirically much of the cost of development charges ends up being born by the cost of housing. Local government can limit the size of their DCC/ACC funded infrastructure list or use a higher assist ratio while paying for more

community amenities out of property tax revenue, which tends to restrain rather than increase property prices.

- Additionally, local governments can collect different rates for housing built in existing built-up areas.
- Support for provincial multiplex legislation
  - While this legislation applies only to municipalities above 5,000, it could be voluntarily applied more widely. Additionally, local governments have tools to make this more difficult or less difficult, such as DCC/ACC rates, setback and lot coverage requirements, affordability requirements and other tools.
- Enhanced support for non-market housing
  - So far as non-market housing can be assisted with reduced property taxes and construction charges, assisted with direct aid or assistance in working with senior government, non-market housing can be made more viable.

## 8. Housing Action Plan: Strategies

### Strategies for the Peace River

Based on the research conducted for this report, it has been determined that the Peace River Regional District has several strategies available, primarily focussing on improving the effectiveness of market housing and improving the viability of non-market housing. The following provides a range of strategies and actions for consideration by the Regional District and partner municipalities that address the key issues identified in the preceding section. To help the Regional District plan and prioritize implementation, actions listed are grouped to reflect whether they are low, medium, or high cost.

Many Regional Districts and municipalities attempt to closely align projected housing demand with increased zoned- or planned- housing capacity. However, doing so results in a significant under-supply of housing, since not all zoned capacity can or will be developed by landowners. It is important to ensure that zoned capacity is significantly more than projected demand to reduce pressure to bid-up prices for what development sites and homes do become available.

Moreover, it is important to ensure that housing provision is permitted *at scale*. The housing market is fundamentally regional, and it is key to ensure that policy changes operate at the market level. This includes coordination between the PRRD and member municipalities. As part of a larger effort to address access to housing conditions can be improved.

### Encourage the development and retention of affordable housing units.

Actions:

Low Cost

- Encourage greater uptake of secondary suites and carriage houses (e.g., through policy and regulation, incentives).

- Encourage the development of duplexes, triplexes, fourplexes, and wood frame apartment buildings, which are more affordable compared to other dwelling types (e.g., through policy and regulation, incentives).
- Adopt Provincial Multiplex guidelines for setback, lot coverage, and other variables.
- Encourage the development of smaller units in line with the projected increase in one-person and two-person households, which is expected to create demand for studio, one- and two-bedroom units going forward (e.g., develop more detailed guidelines for purpose-built smaller sized rental units and secondary suites).
- Undertake regular housing assessments to enable more data-driven decision-making and help determine the level of success for affordable housing strategies. Use the same indicators across communities to compare which communities are achieving the highest affordability. With community partners, develop and apply affordable housing metrics, indicators, and targets at the neighbourhood-level and record changes over time. Some examples of indicators include:
  - Number of affordable housing units
  - Percentage of housing typologies in the neighbourhood
  - Housing affordability (households spending 30 percent or more of household income on rent or mortgage payments)
- Set targets for more affordable housing units to be built.

#### Medium Cost

- Establish a rent bank for specific populations in need (e.g., low income one-person or lone-parent households and low-income senior populations).
- Explore applying tax exemptions to include all new ownership units for residents. The threshold could be set at or below area median income; possible percentages include 75 percent for first 5 years, reducing to 50 percent for second 5 years. Permissive tax exemptions are allowed to regional districts and can be made to non-profit developers, as well as individuals or businesses that have contracted a partnering agreement. These can be done under the rubric of “attracting new residents and businesses and encouraging economic development” or other measures but must be guided by stated policy in Regional District financial plans.

#### High Cost

- Consider a land bank (i.e., a large tract of land held by a public or private organization for future development or disposition).
- Directly expand provision of servicing directly to increase supply of potential housing

**Encourage more housing diversity through increased supply of entry-level housing for families and senior-appropriate housing.**

#### Actions:

##### Low Cost

- Advocate to other levels of government for specific measures to address funding gaps for low-to-moderate income housing (e.g., CMHC seed funding, capital funding, subsidies, and tax incentives or other measures).
- Use regulatory measures including a density bonus program, secondary suites, carriage houses, small single-family lot sizes, demolition control, and rental net loss prevention/mitigation programs, where servicing allows.

- Conduct regular housing needs assessments of the community.
- Create effective land use policies and design guidelines for enhancing supply of affordable housing.
- Create guidelines for affordable, rental, and special needs housing.
- Promote medium-density, ground-oriented housing to address affordability and senior housing needs.
- Rezone or up-zone a specific site if a certain type of housing is developed.
- Allow small lot zoning to provide more affordable single-family units.
- Reduce setbacks.
- Reduce minimum lot sizes.
- Permit infill developments in residential neighbourhoods.
- Create housing agreements to securing affordable housing over the long term at rezonings or through voluntary covenant.
- Fast-track or streamline development applications and create guidelines to facilitate development applications involving affordable housing components.
- Restrain movement along the Step Code. Increases in Step Code requirements are associated with a 10-20% hard cost increase per step, (though energy savings are more important to PRRD households)

#### Medium Cost

- Use municipal entitlements and incentives (e.g., fees reduction, density bonusing) to encourage strata small parcel lots that require little to no maintenance.
- Consider providing development incentives for residents to develop their own cohousing developments, which could result in a price point that is 10

percent to 20 percent lower than market value and affordable for a larger share of the population.

#### High Cost

- Consider direct service provision approaches:
- Create or enhance existing housing corporations that provide housing and supports to low and moderate-income households; and,
- Develop purpose-built rental units and renovate existing buildings.
- Consider higher cost fiscal measures as an effective means to enhance the supply of low-cost market rate housing and non-market housing in the short run:
  - Reduce or waive building permit fees, or property taxes for buildings owned or held by a charitable, philanthropic, or other non-profit corporation; and,
  - Donate land or lease land at/or below market value for developing affordable market and non-market housing.

#### **Increase density on properties that are already serviced with municipal water and sewer.**

#### Actions

#### Low Cost

- Facilitate workshops that provide instructions to interested homeowners about how to construct a compliant secondary suite.
- Consider allowing lock-off, secondary, and micro-suites in multi-family developments.
- Consider small lots or micro-units in more thickly settled zones. For example, allow six houses on four lots facing a veranda instead of a six-plex to create a “pocket neighborhood.” Pocket neighborhoods have shown to provide great potential for creating high social capital among both senior

and multi-generational residents. This model could be based on ownership, rental, or a combination of the two.

- Encourage compact housing proposals from private developers (e.g., lot splitting, backyard infill, and fee-simple townhomes).
- Requiring newly constructed single-family detached housing to be “suite-ready” (i.e., installation of utilities and other fire and life-safety requirements in place at time of original construction) to reduce future renovation costs.

#### High Cost

- Providing a secondary suite grant to compensate homeowners for renovation expenses. Grants would be for 25 percent to 50 percent (maximum \$10,000) for qualified renovation expenses, subject to a rental commitment of 5 to 7 years and construction being in code compliance.

#### **Facilitate more discussion between private non-profits, developers, and landowners concerning new affordable housing developments.**

Actions:

#### Low Cost

- Provide information to local non-profits on how to develop and manage below-rental housing sites with partners.

#### **Work with other orders of government, community agencies and the development community to address affordable housing needs.**

Actions:

#### Low Cost

- Explore opportunities for innovative multi-agency cooperation with other levels of government, the development community, and non-profit housing providers.

- Advocate, in collaboration with others, for increased senior government support of local housing affordability initiatives.

#### Medium Cost

- Enhance the supply of seniors housing through a Housing Reserve Fund through donation of land, grants-in-aid, and waiver of property taxes or development charges for non-profit housing projects. These have been created by other Regional Districts such as Metro Vancouver, the Capitol Regional District, Cowichan Valley, and several other jurisdictions.
- Participate in housing agreements to ensure that affordable housing units remain affordable in the long-term. This is particularly important when a municipality or regional district has made significant contributions in the form of land or capital and can be accomplished as part of the rezoning process.

#### High Cost

- Partner with the Province through Memorandums of Understanding (MOUs) to develop and operate emergency, transitional, and/or supportive housing. Under these MOUs, the municipal partner is required to provide municipal-owned land on a long-term lease, waive all application and development fees, and consider partial or full property tax exemption for the non-profit operator.

### **Undertake research and education to support innovations in affordable housing.**

#### Actions:

#### Low Cost

- Create and maintain an inventory of affordable and accessible housing in the community.

- Research housing affordability programs and development models used in other locations, to foster innovation in housing affordability and communicate best practices.
- Collect, analyze, and provide housing data to non-market housing providers, other municipalities, community agencies, government agencies and the media, as needed, and to support housing affordability initiatives.

#### Medium Cost

- Consider funding additional staff resources, if required, to address key issues in this housing needs assessment.

### **Undertake education and advocacy to enhance understanding and support for affordable, diverse housing.**

#### Low Cost

- Build community awareness and support for additional housing, and low-cost and affordable housing.
- Help developers and non-profit groups in accessing funding and support from senior levels of government.
- Partner with the development community, non-profit agencies, community organizations and the Federal and Provincial governments to conduct housing research and make policies for enhancing low-cost and affordable housing in the community.

### **Encourage an increase in the rental housing supply.**

#### Actions:

#### Low Cost

- Encourage the development of designated market rental units through e.g., incentive policy programs.

- Review the Zoning Bylaw and design amendments that support purpose-built rental unit development.
- Exempt rental floorspace from maximum density allowances in cases where maximum density has been achieved according to the Zoning Bylaw (subject to servicing, parking, and urban design considerations)
- Encourage the development of building designs with a variety of innovative unit types (studios, lock-off suites, micro suites, accessible/special needs suites) and tenures, subject to design review.
- Create and manage a regional database of available rentals and apartment listings, including houses, apartments, suites, and shared accommodation. Interested applicants can fill out a “Rental Seeker Form.” A waitlist can serve as a metric for how many people need rental housing, and what type of rental housing is in demand.

#### Medium Cost

- Increase rental supply through:
  - Municipal incentives, density bonus, reduced parking requirements and other programs.
  - A rental housing grant program, such as was implemented by the City of Kelowna which has offered developers of purpose-built rental housing the opportunity to obtain grant funding as a measure to offset Development Cost Charges.

#### **Promote greater accessibility in housing for seniors.**

##### Actions:

#### Low Cost

- Encourage universal design standards in newer residential products. The goal of the universal design movement is to make the indoor and outdoor home environment more accessible to people of all ages and abilities. There are numerous design features that universal design guidelines

recommend; initially focus on the four main features that make homes accessible to those with impaired mobility and fine motor skill:

- Step-free entries and single floor living, which eliminate the need to navigate stairs.
- Switches and outlets reachable at any height
- Wide hallways and doors to accommodate those in wheelchairs.
- Lever-style door and faucet handles.
- Encourage secondary suites, carriage houses, and a broader variety of other dwelling types in existing neighbourhoods to allow residents to stay within their community throughout the life cycle (e.g., from single, to young family, to middle-age, to empty nesters, to senior).
- Promote medium-density, ground-oriented housing and set standards for accessible, barrier-free housing.

## Appendix 1: Implementation of Housing Needs Reports

The following are statements regarding addressing housing needs identified in past studies from participating municipalities.

### Chetwynd

Chetwynd has applied for provincial grants to support the Tansi Community Emergency Shelter and has collaborated with local first nations to address extreme heat issues. Chetwynd has also worked with the province to receive grants to improve bylaws and the community plan in the interest of greater housing access.

### Dawson Creek

Dawson Creek understands the need to work with service organizations to strengthen awareness of senior support programs. The City has incorporated universal design principles into its OCP but is looking at methods of encouraging these provisions in the zoning bylaw. Dawson's Creek has also added language in its OCP to encourage new seniors housing to be close to amenities in a more explicit manner.

Dawson Creek recognizes the importance of facilitating the development of affordable rental housing. The city has supported non-profit applications and has identified city owned sites for potential rental housing or seniors housing, including the Grandview School lot at 1110 95 Avenue.

Dawson Creek additionally advocated to improve supports for Dawson Creek's homeless residents.

### Hudson's Hope

Hudson's Hope is providing grants in aid to the Hudson's Hope Health Care and Housing Society regarding the Silver Willow Senior Facility for repairs annually and are providing letters of support for any grant applications they may pursue. Hudson's Hope has yet to finalize a land contribution agreement with the Hudson's Hope Health Care and Housing Society. BC Hydro does own

a significant amount of housing in Hudson's Hope which is vacant due to a No Pet policy, which pushes many BC Hydro employees into expensive private market rentals, however a lot of BC Hydro employee houses are due to be demolished.

### Pouce Coupe

Pouce Coupe reports that they undertook a trial program for seniors involving three months of subsidized meals, housekeeping and snow removal which was well received. However, this cost \$10,000 per month and was beyond the ability of Pouce Coupe's budget to support. The Village is looking at other avenues to support seniors.

### Peace River Regional District

Actions undertaken by the Peace River Regional District include the creation of first-ever a 20-year growth strategy focused on economic development, transportation, partnership with First Nations and other partners. The PRRD has been working with the province to secure grants to implement new housing measures into bylaws.

## Housing and Transportation

The following data is from the last two census regarding commuting by foot, by bicycle and by transit in the Peace River Regional District. 2016 figures have included to show pre-pandemic figures as well. Transit, for Census purposes, includes bus, train, passenger ferry and other modes, however data is self reported.

Table 79: Main Mode of Commuting for the Employed Labour Force age 15 Years and Over with a Usual Place of Work or No Fixed Workplace

|                  | Foot (2021) | Bike (2021) | Transit (2021) | Total Commuters | Total Mode Share | Total Mode Share (2016) |
|------------------|-------------|-------------|----------------|-----------------|------------------|-------------------------|
| PRRD             | 1475        | 105         | 335            | 27,020          | 7.1%             | 7.3%                    |
| Area B           | 95          | 0           | 10             | 1,570           | 6.7%             | 6.0%                    |
| Area C           | 50          | 0           | 0              | 2,515           | 2.0%             | 1.5%                    |
| Area D           | 35          | 0           | 0              | 1,840           | 1.9%             | 1.7%                    |
| Area E           | 15          | 0           | 20             | 1,115           | 3.1%             | 3.5%                    |
| Chetwynd         | 95          | 10          | 50             | 1,120           | 13.8%            | 16.3%                   |
| Dawson Creek     | 375         | 20          | 20             | 5,720           | 7.3%             | 9.3%                    |
| Hudson's Hope    | 25          | 0           | 0              | 305             | 8.2%             | 2.8%                    |
| Pouce Coupe      | 10          | 0           | 0              | 305             | 3.3%             | 0%                      |
| British Columbia | 121,550     | 36,790      | 174,045        | 1,873,690       | 17.7%            | 22.4%                   |

Source: Census 2016, 2021, Urbanics Consultants Ltd.

These do not reflect to total use of feet, cycling, and transit to get around the PRRD, however they do reflect a widely available statistic that is useful for comparisons, and tends to reflect the overall attractiveness of non-car transportation in each area. The strongest non-car transportation figures are seen in Chetwynd, where 14% of residents commute on foot, bike, or transit. Chetwynd is noticeable for having the strongest transit ridership of all studied jurisdictions. Foot transportation is the most common non-car means of getting around according to Census Data

Housing in proximity to alternative transportation can take several forms. These include:

- Locating housing near bus stops (where available)
- Locating housing near sidewalks, multi-use pathways, biking infrastructure and community trails

- Locating housing near to employment, near to commercial amenities, and near to public services such that a walking trip can be accomplished within a general '15 minute' area.

Where this requires infrastructure or service, it is important infrastructure or service be of sufficient quality to be useable and safe to the public. This requires that residents not feel uncomfortable crossing the street, or riding a bike, that the bus comes often enough to be useful for daily transportation.

The importance of locating housing close to alternative transportation lies in several benefits:

- The reduction of infrastructure burden
- Reduced traffic
- Improved safety
- Accessibility
- Public Health and wellbeing

Housing placed with alternative transportation in mind benefits the public by reducing the cost of infrastructure. A resident living within walking or cycling distance (or skiing, as the season may be!) is one that may potentially not drive to work, reducing traffic congestion and wear and tear on the roads, reducing demand for parking at public and private amenities as well as job sites. A multi-use pathway is much smaller and lower maintenance than a two-lane roadway, so that even if usage might be much less, the overall burden on the public can be reduced.

Additionally, the burden of water runoff is reduced. Multi-use pathways require much less hard surface pavement per user and divert less rainfall and snowmelt out of the soil, reducing the burden per user of stormwater management requirements such as sewers, culverts, ditches, and drains.

With respect to safety, a walker or cyclist or transit rider is another vehicle not on the road. According to Transport Canada there are 257.1 injuries per billion vehicle kilometres on British Columbia roads. Generally, safety statistics for bus

riders are much better due to large vehicles that are professionally driven. Pedestrian and cyclist safety is a concern; however, this can be improved with better infrastructure and tend to improve with greater usage. Additionally, locating housing to make cycling or walking easier tends to shorten trips, reducing exposure to hazard.

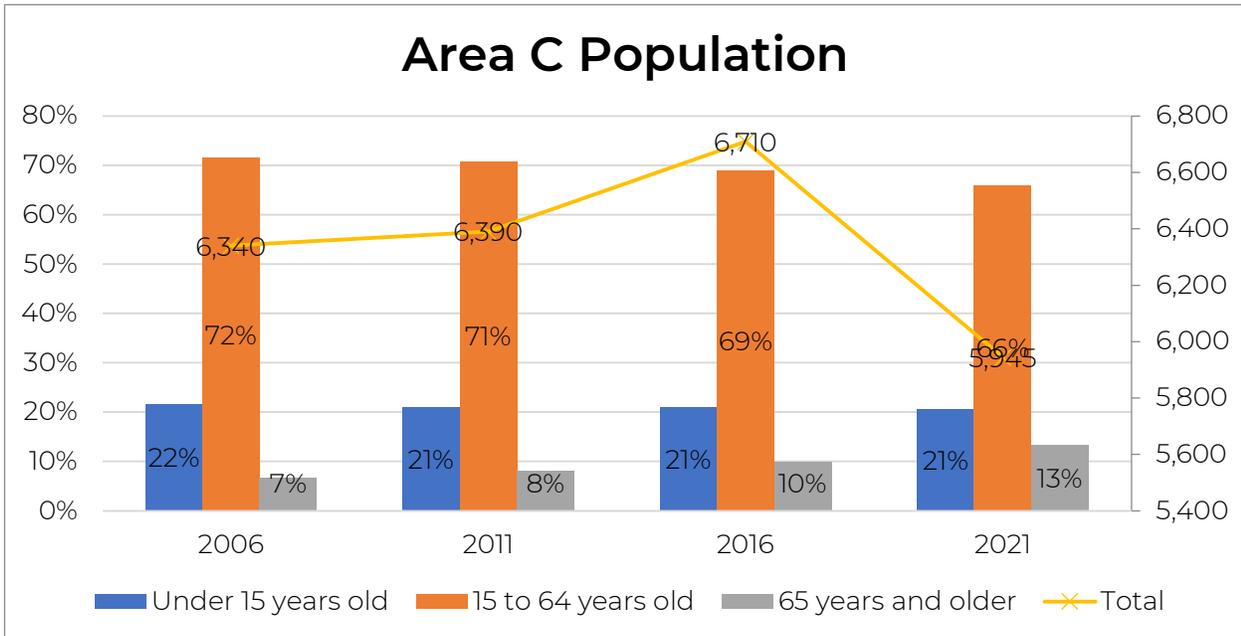
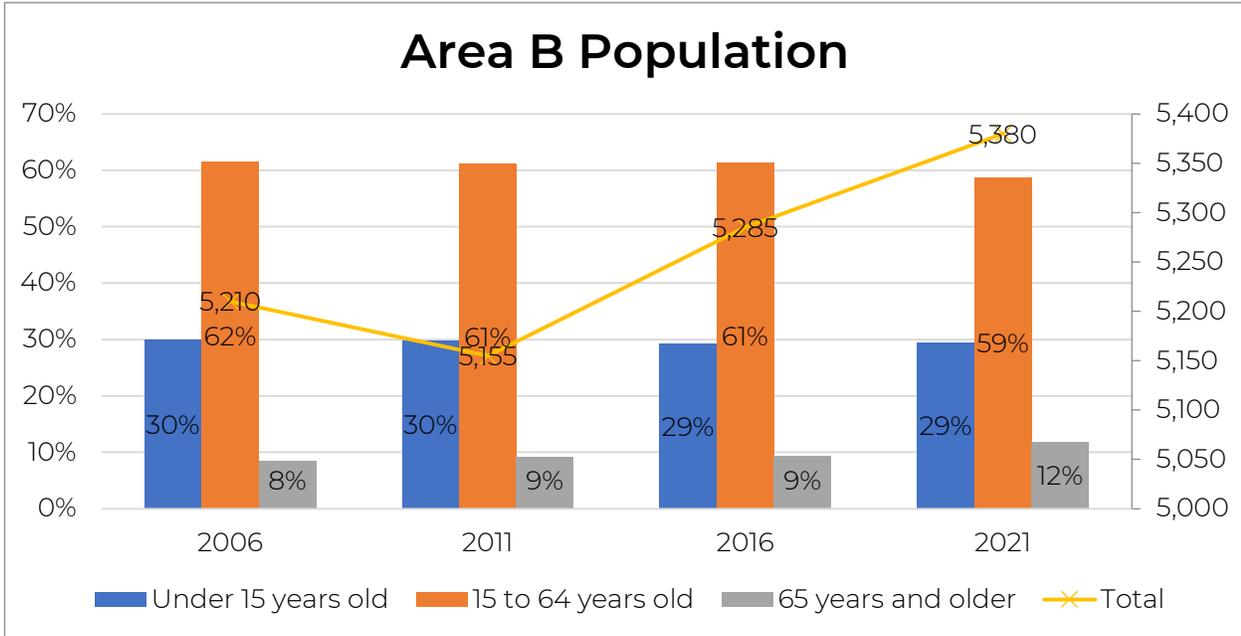
Accessibility can be improved through making walking, cycling, and transportation more attractive to residents of new homes. For starters, many disabilities preclude driving. Users of wheelchairs benefit from better sidewalks and multi-use pathways. Residents who need to drive benefit from reduced overall traffic congestion.

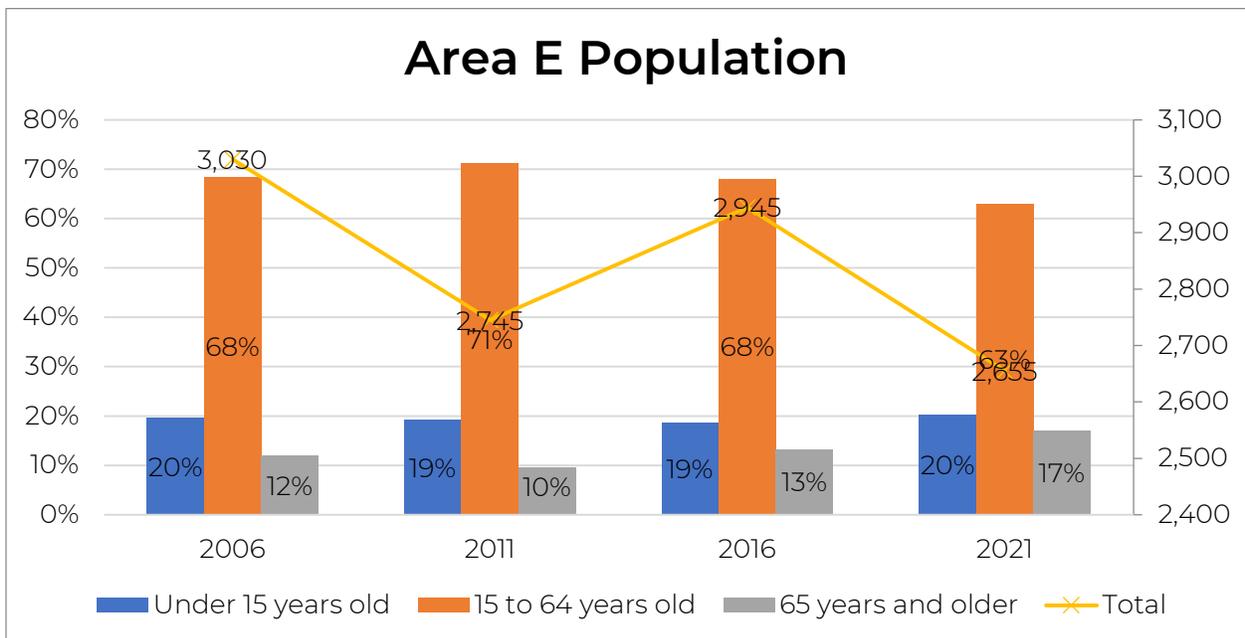
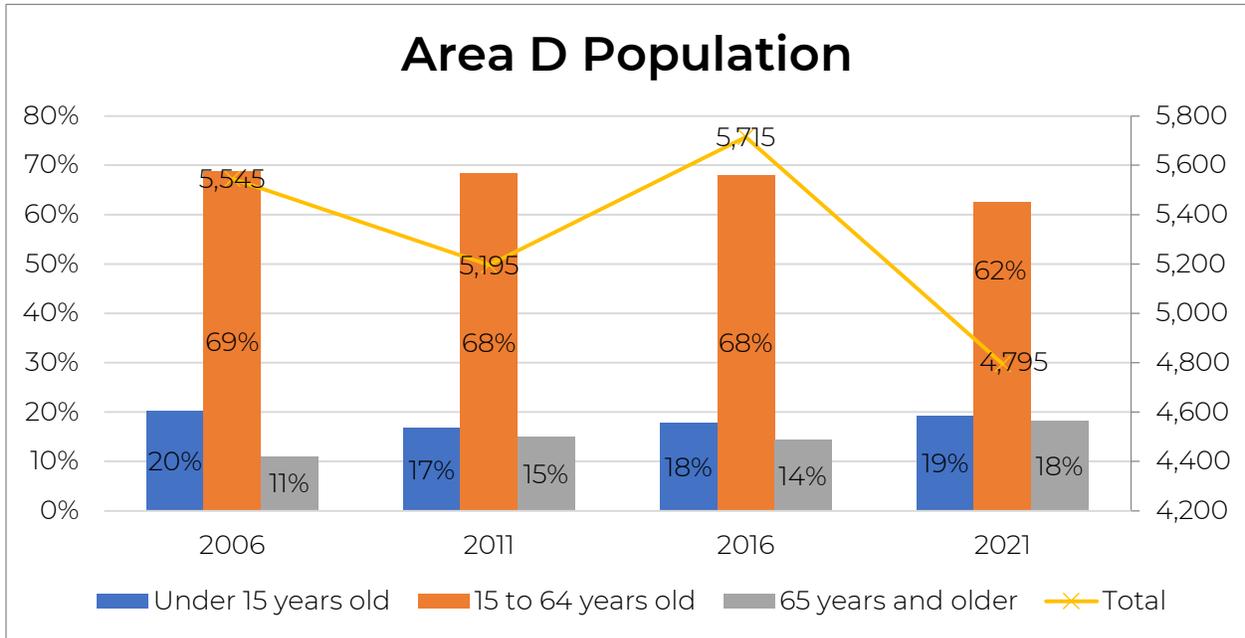
Lastly, locating housing to encourage pedestrianism and cycling encourage more physical activity, which can reduce the burden on the healthcare system as well as improve mood and fitness. Pedestrians and cyclists are found to be good potential customers by many businesses, as they can better interact with the street front.

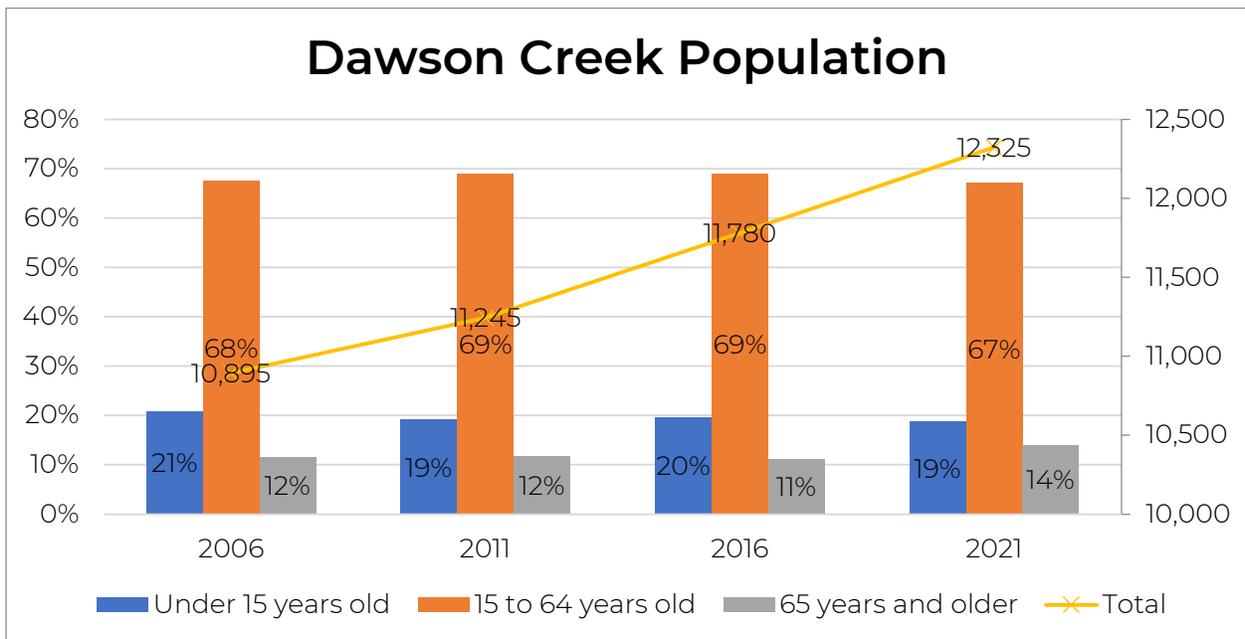
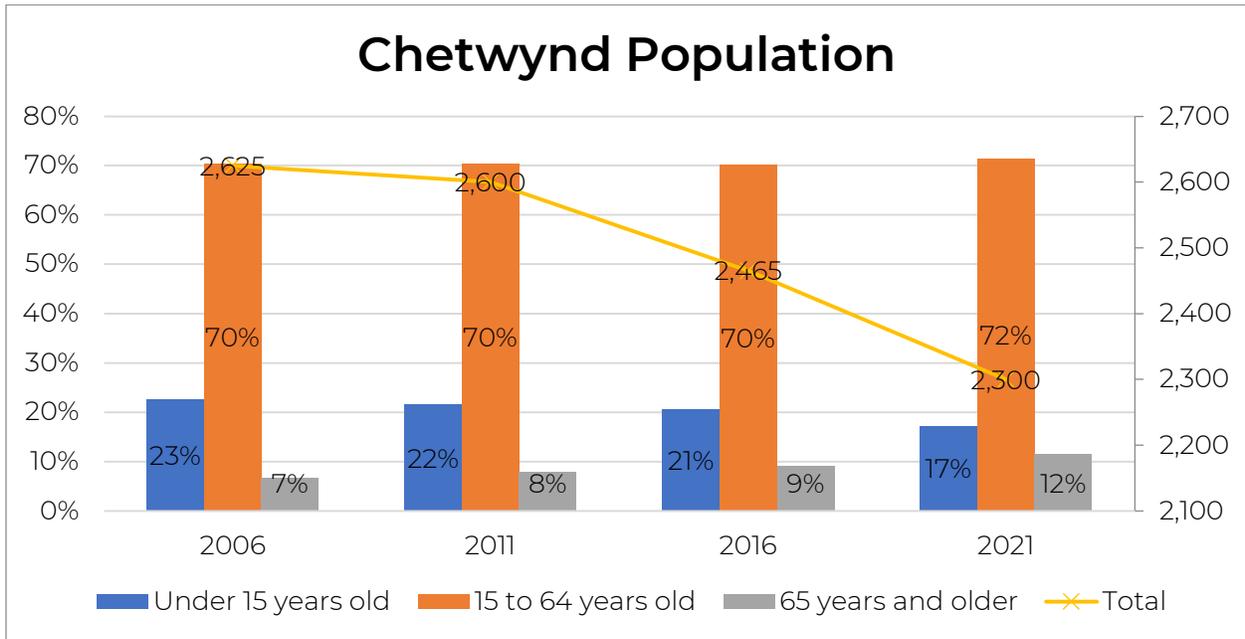
The best way to facilitate pedestrians, cyclists, and transit riders is make it easier to build infill housing in existing communities which already have shops, public services, schools and places of work.

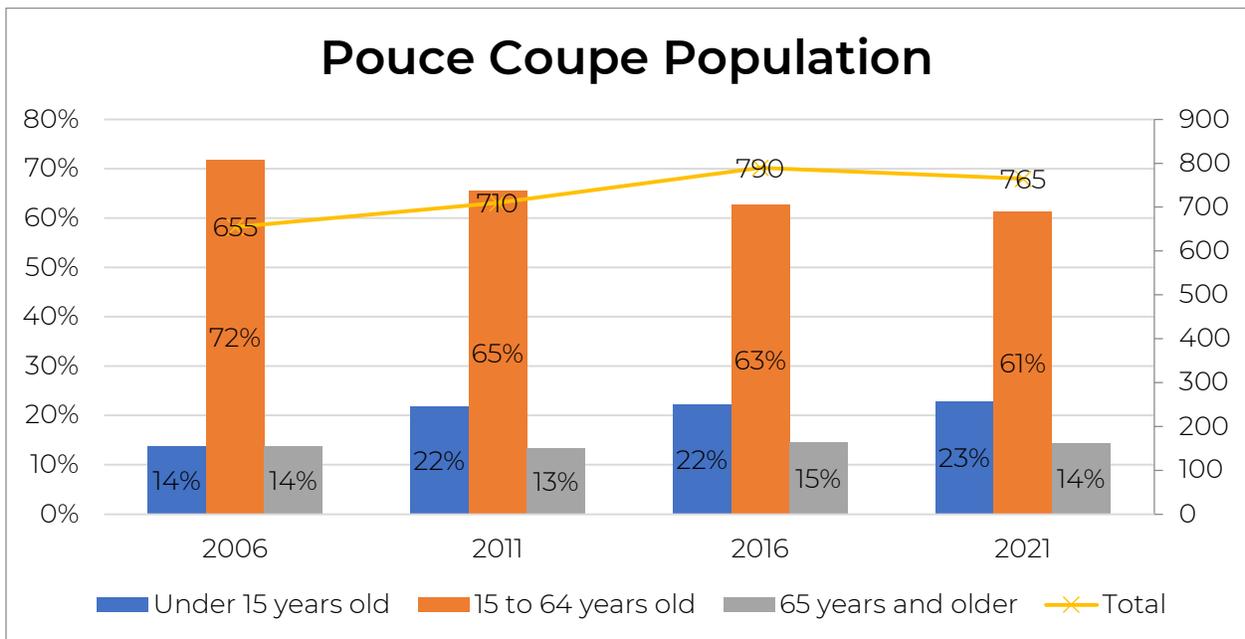
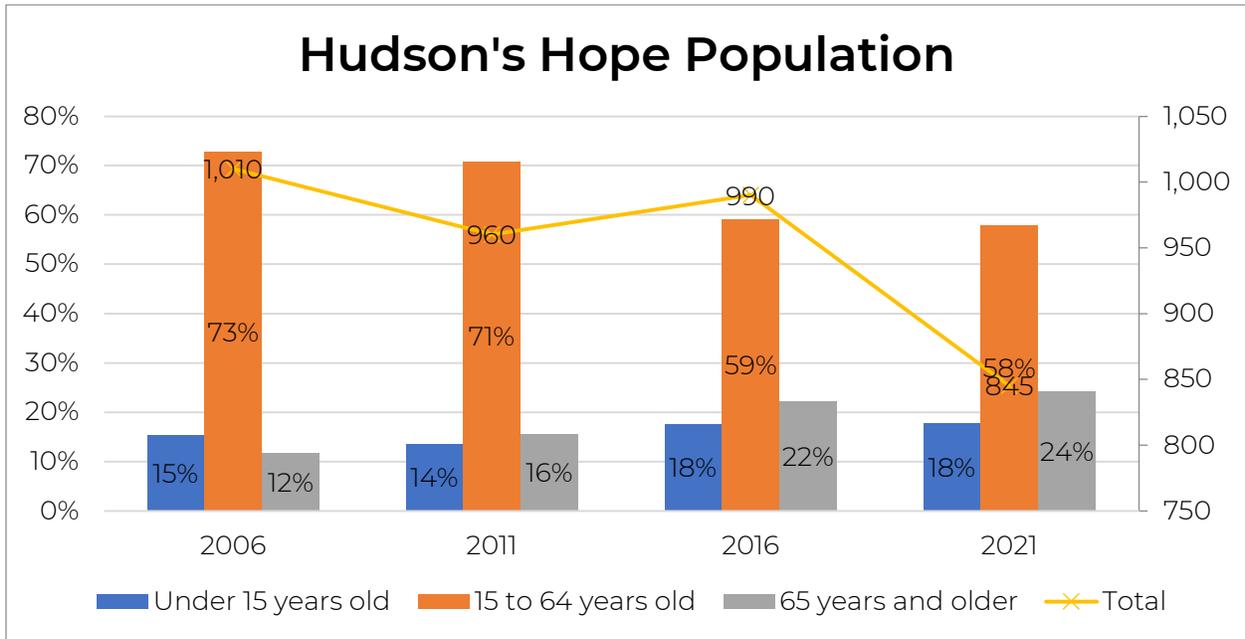
# Appendix 2: Further Statistical Tables

## Population Growth









### Household Size over Time

| Household Size, Area B                       | 2006         | 2011         | 2016         | 2021         |
|--|--------------|--------------|--------------|--------------|
| 1 person                                     | 280<br>(17%) | 155<br>(10%) | 255<br>(16%) | 330<br>(19%) |
| 2 persons                                    | 535<br>(33%) | 650<br>(41%) | 595<br>(36%) | 570<br>(33%) |
| 3 persons                                    | 235<br>(14%) | 235<br>(15%) | 180<br>(11%) | 245<br>(14%) |
| 4 persons                                    | 265<br>(16%) | 270<br>(17%) | 275<br>(17%) | 235<br>(14%) |
| 5 or more persons                            | 325<br>(20%) | 290<br>(18%) | 340<br>(21%) | 345<br>(20%) |
| Total - Private households by household size | 1635         | 1600         | 1645         | 1725         |
| Number of persons in private households      | 5205         | 5150         | 5290         | 5300         |
| Average household size                       | 3.2          | 3.2          | 3.2          | 3.1          |

| Household Size, Area C                       | 2006         | 2011         | 2016         | 2021         |
|--|--------------|--------------|--------------|--------------|
| 1 person                                     | 385<br>(17%) | 440<br>(19%) | 445<br>(18%) | 465<br>(20%) |
| 2 persons                                    | 860<br>(37%) | 875<br>(37%) | 990<br>(40%) | 925<br>(41%) |
| 3 persons                                    | 385<br>(17%) | 385<br>(16%) | 360<br>(15%) | 340<br>(15%) |
| 4 persons                                    | 440<br>(19%) | 345<br>(15%) | 430<br>(17%) | 295<br>(13%) |
| 5 or more persons                            | 245<br>(11%) | 300<br>(13%) | 240<br>(10%) | 250<br>(11%) |
| Total - Private households by household size | 2310         | 2340         | 2470         | 2270         |
| Number of persons in private households      | 6340         | 6385         | 6710         | 5945         |
| Average household size                       | 2.7          | 2.7          | 2.7          | 2.6          |

| Household Size, Area D | 2006         | 2011         | 2016         | 2021         |
|------------------------|--------------|--------------|--------------|--------------|
| 1 person               | 385<br>(19%) | 365<br>(18%) | 435<br>(19%) | 385<br>(21%) |
| 2 persons              | 845<br>(41%) | 880<br>(43%) | 935<br>(42%) | 770<br>(42%) |

Peace River Regional District – Housing Needs Assessment

|  |              |              |              |              |
|--|--------------|--------------|--------------|--------------|
| 3 persons                                    | 265<br>(13%) | 305<br>(15%) | 345<br>(15%) | 270<br>(15%) |
| 4 persons                                    | 340<br>(16%) | 295<br>(15%) | 330<br>(15%) | 245<br>(13%) |
| 5 or more persons                            | 230<br>(11%) | 180<br>(9%)  | 200<br>(9%)  | 150<br>(8%)  |
| Total - Private households by household size | 2070         | 2030         | 2240         | 1820         |
| Number of persons in private households      | 5540         | 5200         | 5720         | 4585         |
| Average household size                       | 2.7          | 2.6          | 2.6          | 2.5          |

| Household Size, Area E                       | 2006         | 2011         | 2016         | 2021         |
|--|--------------|--------------|--------------|--------------|
| 1 person                                     | 220<br>(19%) | 155<br>(15%) | 290<br>(24%) | 285<br>(26%) |
| 2 persons                                    | 460<br>(40%) | 465<br>(45%) | 510<br>(43%) | 445<br>(41%) |
| 3 persons                                    | 175<br>(15%) | 155<br>(15%) | 140<br>(12%) | 130<br>(12%) |
| 4 persons                                    | 150<br>(13%) | 110<br>(11%) | 160<br>(13%) | 125<br>(12%) |
| 5 or more persons                            | 140<br>(12%) | 130<br>(13%) | 100<br>(8%)  | 100<br>(9%)  |
| Total - Private households by household size | 1145         | 1025         | 1200         | 1085         |
| Number of persons in private households      | 3030         | 2745         | 2945         | 2640         |
| Average household size                       | 2.6          | 2.7          | 2.4          | 2.4          |

| Household Size, Chetwynd                     | 2006         | 2011         | 2016         | 2021         |
|--|--------------|--------------|--------------|--------------|
| 1 person                                     | 265<br>(26%) | 330<br>(31%) | 235<br>(23%) | 320<br>(32%) |
| 2 persons                                    | 310<br>(30%) | 315<br>(30%) | 375<br>(37%) | 335<br>(34%) |
| 3 persons                                    | 185<br>(18%) | 135<br>(13%) | 190<br>(19%) | 150<br>(15%) |
| 4 persons                                    | 185<br>(18%) | 170<br>(16%) | 115<br>(11%) | 135<br>(14%) |
| 5 or more persons                            | 85<br>(8%)   | 105<br>(10%) | 85<br>(8%)   | 55<br>(6%)   |
| Total - Private households by household size | 1025         | 1050         | 1005         | 990          |

Peace River Regional District – Housing Needs Assessment

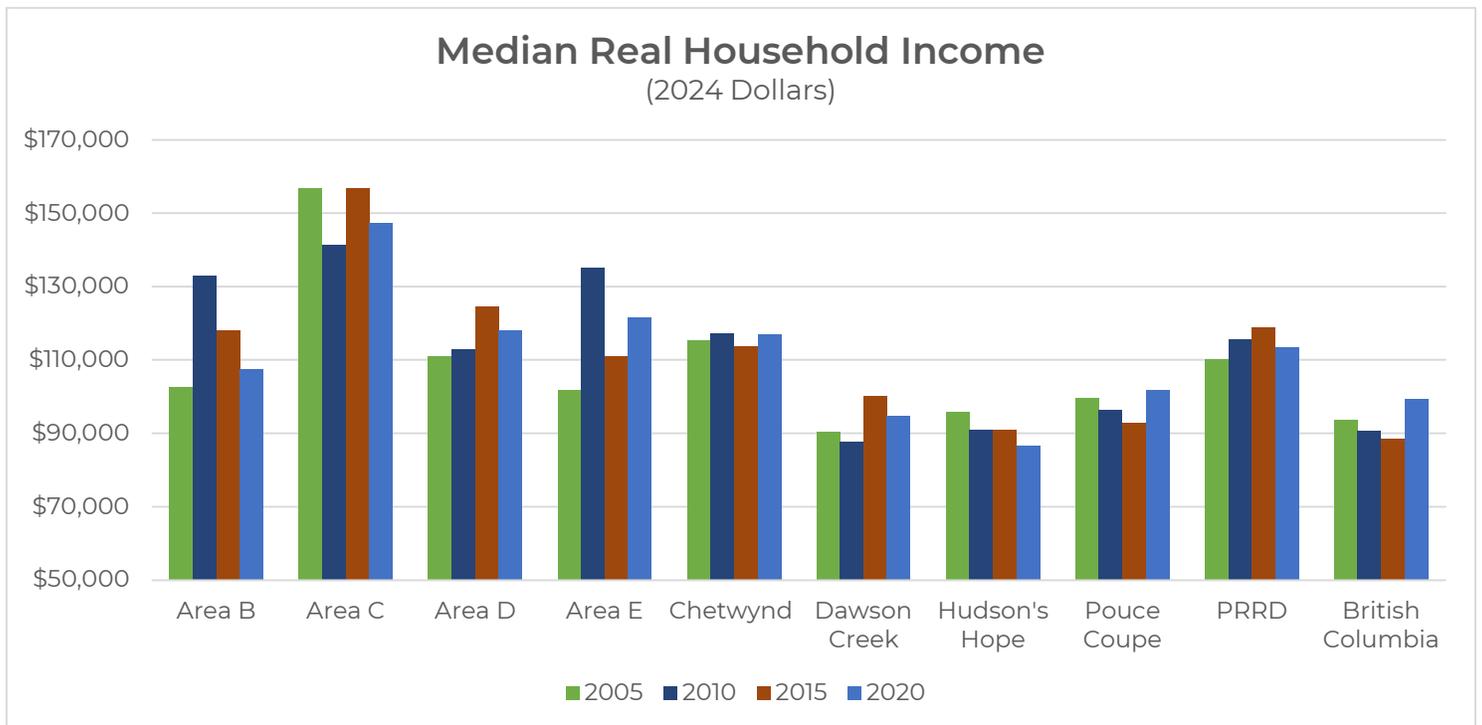
|   |      |      |      |      |
|---|------|------|------|------|
| Number of persons in private households | 2625 | 2595 | 2470 | 2275 |
| Average household size                  | 2.6  | 2.5  | 2.5  | 2.3  |

| <b>Household Size, Dawson Creek</b>          | <b>2006</b>   | <b>2011</b>   | <b>2016</b>   | <b>2021</b>   |
|--|---------------|---------------|---------------|---------------|
| 1 person                                     | 1525<br>(33%) | 1590<br>(33%) | 1630<br>(32%) | 1960<br>(36%) |
| 2 persons                                    | 1495<br>(32%) | 1560<br>(32%) | 1610<br>(32%) | 1705<br>(32%) |
| 3 persons                                    | 655<br>(14%)  | 780<br>(16%)  | 800<br>(16%)  | 800<br>(15%)  |
| 4 persons                                    | 620<br>(13%)  | 575<br>(12%)  | 630<br>(13%)  | 600<br>(11%)  |
| 5 or more persons                            | 360<br>(8%)   | 355<br>(7%)   | 370<br>(7%)   | 340<br>(6%)   |
| Total - Private households by household size | 4650          | 4860          | 5035          | 5405          |
| Number of persons in private households      | 10895         | 11240         | 11780         | 12070         |
| Average household size                       | 2.3           | 2.3           | 2.3           | 2.2           |

| <b>Household Size, Hudson's Hope</b>         | <b>2006</b>  | <b>2011</b>  | <b>2016</b>  | <b>2021</b>  |
|--|--------------|--------------|--------------|--------------|
| 1 person                                     | 110<br>(26%) | 125<br>(29%) | 155<br>(35%) | 140<br>(37%) |
| 2 persons                                    | 180<br>(42%) | 170<br>(40%) | 155<br>(35%) | 145<br>(38%) |
| 3 persons                                    | 50<br>(12%)  | 45<br>(11%)  | 55<br>(12%)  | 40<br>(11%)  |
| 4 persons                                    | 40<br>(9%)   | 75<br>(18%)  | 55<br>(12%)  | 35<br>(9%)   |
| 5 or more persons                            | 40<br>(9%)   | 10<br>(2%)   | 30<br>(7%)   | 20<br>(5%)   |
| Total - Private households by household size | 425          | 425          | 445          | 380          |
| Number of persons in private households      | 1010         | 960          | 985          | 790          |
| Average household size                       | 2.4          | 2.3          | 2.2          | 2.1          |

| Household Size, Pouce Coupe                  | 2006         | 2011        | 2016         | 2021         |
|--|--------------|-------------|--------------|--------------|
| 1 person                                     | 75<br>(26%)  | 95<br>(33%) | 105<br>(31%) | 115<br>(37%) |
| 2 persons                                    | 105<br>(36%) | 75<br>(26%) | 115<br>(34%) | 100<br>(32%) |
| 3 persons                                    | 70<br>(24%)  | 30<br>(10%) | 55<br>(16%)  | 40<br>(13%)  |
| 4 persons                                    | 30<br>(10%)  | 80<br>(28%) | 45<br>(13%)  | 35<br>(11%)  |
| 5 or more persons                            | 10<br>(3%)   | 0<br>(0%)   | 20<br>(6%)   | 20<br>(6%)   |
| Total - Private households by household size | 290          | 290         | 335          | 315          |
| Number of persons in private households      | 655          | 710         | 795          | 720          |
| Average household size                       | 2.3          | 2.5         | 2.4          | 2.3          |

### Median Household Income Over Time (Inflation Adjusted)



### Core Housing Need Over Time

| Core Housing Need                    |             |            |             |            |
|--------------------------------------|-------------|------------|-------------|------------|
| Area B                               | 2006        | 2011       | 2016        | 2021       |
| Unaffordable Housing (%)             | 14.8        | 13.5       | 10.8        | 9.1        |
| Inadequate Housing (%)               | 16.0        | 9.8        | 6.9         | 5.8        |
| Unsuitable Housing (%)               | 7.6         | 5.3        | 9.5         | 5.8        |
| <b>Core Housing Need (%)</b>         | <b>17.9</b> | <b>9.0</b> | <b>12.5</b> | <b>7.8</b> |
| <b>Extreme Core Housing Need (%)</b> | <b>4.9</b>  | <b>1.2</b> | <b>3.4</b>  | <b>1.6</b> |
| Number of Households In Core Need    | 235         | 110        | 145         | 95         |
| Extreme Core Housing Need (Count)    | <b>65</b>   | <b>15</b>  | <b>40</b>   | <b>20</b>  |

| Core Housing Need                    |            |            |            |            |
|--------------------------------------|------------|------------|------------|------------|
| Area C                               | 2006       | 2011       | 2016       | 2021       |
| Unaffordable Housing (%)             | 11.1       | 11.2       | 11.8       | 10.7       |
| Inadequate Housing (%)               | 6.6        | 14.7       | 6.7        | 7.0        |
| Unsuitable Housing (%)               | 3.2        | 4.8        | 2.1        | 1.4        |
| <b>Core Housing Need (%)</b>         | <b>4.3</b> | <b>4.5</b> | <b>4.1</b> | <b>3.5</b> |
| <b>Extreme Core Housing Need (%)</b> | <b>1.8</b> | <b>1.4</b> | <b>1.5</b> | <b>2.8</b> |
| Number of Households In Core Need    | 95         | 95         | 95         | 75         |
| Extreme Core Housing Need (Count)    | <b>40</b>  | <b>30</b>  | <b>35</b>  | <b>60</b>  |

| Core Housing Need                    |             |             |             |             |
|--------------------------------------|-------------|-------------|-------------|-------------|
| Area D                               | 2006        | 2011        | 2016        | 2021        |
| Unaffordable Housing (%)             | 9.4         | 11.8        | 10.9        | 11.0        |
| Inadequate Housing (%)               | 9.4         | 14.0        | 10.6        | 6.8         |
| Unsuitable Housing (%)               | 6.1         | 4.0         | 4.5         | 0.0         |
| <b>Core Housing Need (%)</b>         | <b>11.3</b> | <b>11.5</b> | <b>10.1</b> | <b>12.9</b> |
| <b>Extreme Core Housing Need (%)</b> | <b>4.1</b>  | <b>2.5</b>  | <b>4.0</b>  | <b>5.2</b>  |
| Number of Households In Core Need    | 205         | 185         | 190         | 200         |
| Extreme Core Housing Need (Count)    | <b>75</b>   | <b>40</b>   | <b>75</b>   | <b>80</b>   |

| <b>Core Housing Need</b>             |             |             |             |             |
|--------------------------------------|-------------|-------------|-------------|-------------|
| Area E                               | <b>2006</b> | <b>2011</b> | <b>2016</b> | <b>2021</b> |
| Unaffordable Housing (%)             | 5.9         | 10.7        | 10.1        | 8.9         |
| Inadequate Housing (%)               | 14.4        | 16.6        | 15.7        | 8.9         |
| Unsuitable Housing (%)               | 5.3         | 5.3         | 4.5         | 0.0         |
| <b>Core Housing Need (%)</b>         | <b>12.2</b> | <b>14.2</b> | <b>9.0</b>  | <b>9.4</b>  |
| <b>Extreme Core Housing Need (%)</b> | <b>1.6</b>  | <b>7.7</b>  | <b>2.5</b>  | <b>0.0</b>  |
| Number of Households In Core Need    | 115         | 120         | 90          | 90          |
| Extreme Core Housing Need (Count)    | <b>15</b>   | <b>65</b>   | <b>25</b>   | <b>0</b>    |

| <b>Core Housing Need</b>             |             |             |             |             |
|--------------------------------------|-------------|-------------|-------------|-------------|
| Chetwynd                             | <b>2006</b> | <b>2011</b> | <b>2016</b> | <b>2021</b> |
| Unaffordable Housing (%)             | 13.0        | 10.4        | 15.7        | 9.4         |
| Inadequate Housing (%)               | 10.0        | 19.3        | 6.1         | 8.3         |
| Unsuitable Housing (%)               | 6.5         | 5.0         | 2.5         | 2.6         |
| <b>Core Housing Need (%)</b>         | <b>6.5</b>  | <b>9.4</b>  | <b>9.6</b>  | <b>7.3</b>  |
| <b>Extreme Core Housing Need (%)</b> | <b>2.0</b>  | <b>4.9</b>  | <b>4.1</b>  | <b>3.1</b>  |
| Number of Households In Core Need    | 65          | 95          | 95          | 70          |
| Extreme Core Housing Need (Count)    | <b>20</b>   | <b>50</b>   | <b>40</b>   | <b>30</b>   |

| <b>Core Housing Need</b>             |             |             |             |             |
|--------------------------------------|-------------|-------------|-------------|-------------|
| Dawson Creek                         | <b>2006</b> | <b>2011</b> | <b>2016</b> | <b>2021</b> |
| Unaffordable Housing (%)             | 21.8        | 20.5        | 20.3        | 15.8        |
| Inadequate Housing (%)               | 10.4        | 10.0        | 9.4         | 6.5         |
| Unsuitable Housing (%)               | 4.4         | 6.7         | 5.6         | 3.3         |
| <b>Core Housing Need (%)</b>         | <b>13.0</b> | <b>12.4</b> | <b>15.2</b> | <b>10.7</b> |
| <b>Extreme Core Housing Need (%)</b> | <b>5.3</b>  | <b>5.9</b>  | <b>6.1</b>  | <b>3.9</b>  |
| Number of Households In Core Need    | 585         | 570         | 745         | 570         |
| Extreme Core Housing Need (Count)    | <b>240</b>  | <b>270</b>  | <b>300</b>  | <b>205</b>  |

Peace River Regional District – Housing Needs Assessment

| <b>Core Housing Need</b>             |             |             |             |             |
|--------------------------------------|-------------|-------------|-------------|-------------|
| Hudson's Hope                        | <b>2006</b> | <b>2011</b> | <b>2016</b> | <b>2021</b> |
| Unaffordable Housing (%)             | 11.9        | 26.5        | 8.2         | 0.0         |
| Inadequate Housing (%)               | 10.7        | 10.8        | 15.3        | 5.6         |
| Unsuitable Housing (%)               | 4.8         | 0.0         | 3.5         | 0.0         |
| <b>Core Housing Need (%)</b>         | <b>9.6</b>  | <b>27.7</b> | <b>12.9</b> | <b>5.6</b>  |
| <b>Extreme Core Housing Need (%)</b> | <b>3.6</b>  | <b>14.5</b> | <b>2.4</b>  | <b>0.0</b>  |
| Number of Households In Core Need    | 40          | 115         | 55          | 20          |
| Extreme Core Housing Need (Count)    | <b>15</b>   | <b>60</b>   | <b>10</b>   | <b>0</b>    |

| <b>Core Housing Need</b>             |             |             |             |             |
|--------------------------------------|-------------|-------------|-------------|-------------|
| Pouce Coupe                          | <b>2006</b> | <b>2011</b> | <b>2016</b> | <b>2021</b> |
| Unaffordable Housing (%)             | 12.3        | 15.5        | 21.2        | 9.5         |
| Inadequate Housing (%)               | 21.1        | 0.0         | 22.7        | 12.7        |
| Unsuitable Housing (%)               | 3.5         | 0.0         | 3.0         | 0.0         |
| <b>Core Housing Need (%)</b>         | <b>5.4</b>  | <b>13.8</b> | <b>21.2</b> | <b>6.3</b>  |
| <b>Extreme Core Housing Need (%)</b> | <b>0.0</b>  | <b>0.0</b>  | <b>4.5</b>  | <b>0.0</b>  |
| Number of Households In Core Need    | 15          | 40          | 70          | 20          |
| Extreme Core Housing Need (Count)    | <b>0</b>    | <b>0</b>    | <b>15</b>   | <b>0</b>    |

## Appendix 3: Housing Needs Calculations

The following represent the BC Housing Needs Assessment Tables required for Areas B, C, D, & E as well as Chetwynd, Dawson Creek, Hudson's Hope and Pouce Coupe. These are provided by the UBC Housing Assessment Resource Tools, created in collaboration with Licker Geospatial Consulting to assist in the assembly of these studies.

## Calculating 20-year housing need

The following tables calculate 20-year and 5-year housing need according to provincial guidelines. Each table follows these guidelines exactly with the intention that the tables can be directly included in the required interim housing needs report (or included as an addendum to an existing housing needs report).

HART has produced this calculator to support communities in British Columbia satisfy a provincial requirement for interim housing needs reports. Methodologies for housing needs reports can vary widely, and while HART supports the standardization of methodologies for the purpose of provincial or national reporting, we did not have a role in developing the methodology, nor do we unequivocally endorse it. You can learn more about the HART methodology and what it can tell you about your community on our [Housing Needs Assessment Tool page](#).

- *A note on terminology: we use the term RDA, where the province uses the term Electoral Area. For all intents and purposes, these are interchangeable in the calculator.*
- *A note on rounding: per provincial guidelines, the figures in Components A-F are not rounded and are shown to two decimal places. Total housing need is rounded in Table 13 to the nearest whole number, per guidelines.*

## Component A: Extreme core housing need calculation

The following tables calculate the new homes required to meet existing Extreme Core Housing Need (ECHN) according to provincial guidelines.

**Table 1a**

The following table shows total owner and renter households in the four previous census years (Step 1).

| Peace River B RDA (CSD, BC) |       |       |       |       |
|-----------------------------|-------|-------|-------|-------|
| Total Households            | 2006  | 2011  | 2016  | 2021  |
| Owners                      | 1,380 | 1,465 | 1,465 | 1,375 |
| Renters                     | 210   | 135   | 180   | 250   |

**Table 1b**

The following table shows the total number and proportion of owners with a mortgage and renter households in ECHN in the four previous census years, to arrive at an average ECHN rate (Step 2).

Please note that data for owners with a mortgage is only available for 2021.

| Peace River B RDA (CSD, BC) |      |            |      |            |      |            |      |            |                   |
|-----------------------------|------|------------|------|------------|------|------------|------|------------|-------------------|
| Extreme Core Housing Need   | 2006 |            | 2011 |            | 2016 |            | 2021 |            | Average ECHN Rate |
|                             | #    | % of total |                   |
| Owners with a mortgage      |      | n/a        |      | n/a        |      | n/a        | 0    | 0.00%      | 0.00%             |
| Renters                     | 10   | 4.76%      | 0    | 0.00%      | 0    | 0.00%      | 0    | 0.00%      | 1.19%             |

**Table 2**

The following table shows the estimated total of owners with a mortgage and renter households in ECHN in 2021 (Steps 3 and 4).

| Peace River B RDA (CSD, BC)                    |                 |                   |                    |
|--|-----------------|-------------------|--------------------|
| Total Households                               | 2021 Households | Average ECHN Rate | Households in ECHN |
| Owners   |                 | n/a               | n/a                |
| Owners with a mortgage                         | 1,375           | 0.00%             | 0.00               |
| Renters  | 250             | 1.19%             | 2.98               |
| <b>Total New Units to Meet ECHN - 20 years</b> |                 |                   | <b>2.98</b>        |

## Component B: Housing units and homelessness

The following table calculates the number of new homes required to meet the needs of the existing population of people experiencing homelessness (PEH), according to provincial guidelines.

**Table 3**

The following table shows the estimated number of homes required to meet the need of existing PEH households as a proportion of the regional need (Steps 1-3).

| Peace River B RDA (CSD, BC)                             |                  |             |              |                        |
|---|------------------|-------------|--------------|------------------------|
| Regional Population                                     | Local Population |             | Regional PEH | Proportional Local PEH |
|   | #                | % of region |              |                        |
| 64,725  | 5,300            | 8.19%       | 362          | 29.64                  |
| <b>Total New Units to Homelessness Needs - 20 years</b> |                  |             |              | <b>29.64</b>           |

## Component C: Housing units and suppressed household formation

The following tables calculate the number of new homes required to meet the demand from households unable to form due to a constrained housing environment, since 2006, according to provincial guidelines.

**Table 4a**

The following table shows the number of owner and renter households in 2006 by age of the primary household maintainer (Step 1).

| Peace River B RDA (CSD, BC)                        |                 |        |
|--|-----------------|--------|
| Age - Primary Household Maintainer 2006 Categories | 2006 Households |        |
|  | Owner           | Renter |
| Under 25 years                                     | 40              | 25     |
| 25 to 34 years                                     | 230             | 10     |
| 35 to 44 years                                     | 275             | 45     |
| 45 to 54 years                                     | 335             | 65     |
| 55 to 64 years                                     | 260             | 25     |
| 65 to 74 years                                     | 185             | 20     |
| 75 years and over                                  | 55              | 20     |

**Table 4b**

The following table shows the number of owner and renter households in 2021 by age of the primary household maintainer (Step 1, cont'd).

| Peace River B RDA (CSD, BC)                        |                 |        |
|--|-----------------|--------|
| Age - Primary Household Maintainer 2021 Categories | 2021 Households |        |
|  | Owner           | Renter |
| 15 to 24 years                                     | 30              | 35     |
| 25 to 34 years                                     | 175             | 55     |
| 35 to 44 years                                     | 280             | 35     |
| 45 to 54 years                                     | 260             | 60     |
| 55 to 64 years                                     | 320             | 30     |
| 65 to 74 years                                     | 220             | 25     |
| 75 to 84 years                                     | 65              | 10     |
| 85 years and over                                  | 20              | 0      |

**Table 5**

The following table shows the population by age category in 2006 and 2021 (Step 2).

| Peace River B RDA (CSD, BC)            |                             |                |                   |                |                   |
|--|-----------------------------|----------------|-------------------|----------------|-------------------|
|  |                             | 2006           |                   | 2021           |                   |
| Age Categories – Household Maintainers | Age Categories – Population | All Categories | Summed Categories | All Categories | Summed Categories |
| 15 to 24 years                         | 15 to 19 years              | 405            |                   | 455            |                   |
|  | 20 to 24 years              | 310            | 715               | 280            | 735               |
| 25 to 34 years                         | 25 to 29 years              | 265            |                   | 325            |                   |
|  | 30 to 34 years              | 325            | 590               | 280            | 605               |
| 35 to 44 years                         | 35 to 39 years              | 305            |                   | 335            |                   |
|  | 40 to 44 years              | 360            | 665               | 290            | 625               |
| 45 to 54 years                         | 45 to 49 years              | 370            |                   | 360            |                   |
|  | 50 to 54 years              | 355            | 725               | 280            | 640               |
| 55 to 64 years                         | 55 to 59 years              | 275            |                   | 260            |                   |
|  | 60 to 64 years              | 240            | 515               | 350            | 610               |
| 65 to 74 years                         | 65 to 69 years              | 170            |                   | 260            |                   |
|  | 70 to 74 years              | 150            | 320               | 225            | 485               |
| 75 years and over                      | 75 to 79 years              | 75             |                   | 70             |                   |
|  | 80 to 84 years              | 25             |                   | 50             |                   |
|  | 85 years and over           | 20             | 120               | 35             | 155               |

**Table 6**

The following table shows the 2006 headship rate of each age category for both renters and owners (Step 3).

| Peace River B RDA (CSD, BC)            |                 |        |                 |                    |        |
|--|-----------------|--------|-----------------|--------------------|--------|
| Age Categories – Household Maintainers | 2006 Households |        | 2006 Population | 2006 Headship Rate |        |
|  | Owner           | Renter | Total           | Owner              | Renter |
| 15 to 24 years                         | 40              | 25     | 715             | 5.59%              | 3.50%  |
| 25 to 34 years                         | 230             | 10     | 590             | 38.98%             | 1.69%  |
| 35 to 44 years                         | 275             | 45     | 665             | 41.35%             | 6.77%  |
| 45 to 54 years                         | 335             | 65     | 725             | 46.21%             | 8.97%  |
| 55 to 64 years                         | 260             | 25     | 515             | 50.49%             | 4.85%  |
| 65 to 74 years                         | 185             | 20     | 320             | 57.81%             | 6.25%  |
| 75 years and over                      | 55              | 20     | 120             | 45.83%             | 16.67% |

**Table 7**

The following table shows the potential 2021 headship rate of each age category for both renters and owners if the headship rate from 2006 remained constant (Step 4).

| Peace River B RDA (CSD, BC)            |                    |        |                 |                           |        |
|--|--------------------|--------|-----------------|---------------------------|--------|
| Age Categories – Household Maintainers | 2006 Headship Rate |        | 2021 Population | 2021 Potential Households |        |
|  | Owner              | Renter | Total           | Owner                     | Renter |
| 15 to 24 years                         | 5.59%              | 3.50%  | 735             | 41.12                     | 25.70  |
| 25 to 34 years                         | 38.98%             | 1.69%  | 605             | 235.85                    | 10.25  |
| 35 to 44 years                         | 41.35%             | 6.77%  | 625             | 258.46                    | 42.29  |
| 45 to 54 years                         | 46.21%             | 8.97%  | 640             | 295.72                    | 57.38  |
| 55 to 64 years                         | 50.49%             | 4.85%  | 610             | 307.96                    | 29.61  |
| 65 to 74 years                         | 57.81%             | 6.25%  | 485             | 280.39                    | 30.31  |
| 75 years and over                      | 45.83%             | 16.67% | 155             | 71.04                     | 25.83  |

**Table 8**

The following table calculates the number of suppressed households by subtracting actual households in 2021 from potential households in 2021 by age category, according to provincial guidelines (Steps 5 and 6).

| Peace River B RDA (CSD, BC)                                       |                           |        |                 |        |                            |        |               |
|---|---------------------------|--------|-----------------|--------|----------------------------|--------|---------------|
| Age Categories – Household Maintainers                            | 2021 Potential Households |        | 2021 Households |        | 2021 Suppressed Households |        | Total         |
|   | Owner                     | Renter | Owner           | Renter | Owner                      | Renter |               |
| 15 to 24 years  | 41.12                     | 25.70  | 30              | 35     | 11.12                      | -9.30  | 1.82          |
| 25 to 34 years  | 235.85                    | 10.25  | 175             | 55     | 60.85                      | -44.75 | 16.10         |
| 35 to 44 years  | 258.46                    | 42.29  |                 |        | -21.54                     | 7.29   | 0.00          |
| 45 to 54 years  | 295.72                    | 57.38  | 260             | 60     | 35.72                      | -2.62  | 33.10         |
| 55 to 64 years  | 307.96                    | 29.61  | 320             | 30     | -12.04                     | -0.39  | 0.00          |
| 65 to 74 years  | 280.39                    | 30.31  | 220             | 25     | 60.39                      | 5.31   | 65.70         |
| 75 years and over   | 71.04                     | 25.83  | 85              | 10     | -13.96                     | 15.83  | 1.87          |
| <b>Total New Units to Meet Suppressed Housing Need – 20 years</b> |                           |        |                 |        |                            |        | <b>118.60</b> |

**Component D: Housing units and anticipated household growth**

The following tables calculates the number of new homes required to accommodate an increasing population over 20 years according to provincial guidelines.

**Table 9**

The following table shows the 20-year population projection and growth rate for your regional district (Step 1).

| Peace River B RDA (CSD, BC)   |        |        |                      |
|-------------------------------|--------|--------|----------------------|
| Regional District Projections | 2021   | 2041   | Regional Growth Rate |
| Households                    | 24,900 | 32,950 | 32.33%               |

**Table 10**

The following table shows the calculated number of new homes needed in the next 20 years according to the provincial guidelines, calculated with the average of the municipal and regional growth projections (Steps 2-5).

| Peace River B RDA (CSD, BC)                                      |                      |            |          |               |
|--|----------------------|------------|----------|---------------|
| Growth Scenarios   | Regional Growth Rate | Households |          | New Units     |
|  |                      | 2021       | 2041     |               |
| Regionally Based Household Growth                                | 32.33%               | 1,720      | 2,276.06 | 556.06        |
| <b>Total New Units to Meet Household Growth Needs – 20 years</b> |                      |            |          | <b>556.06</b> |

**Component E: Housing units and rental vacancy rate**

The following table calculates the number of new homes required to restore local vacancy rates to 3% according to provincial guidelines. Please note that in jurisdictions without vacancy rate data, the calculator will default to the provincial vacancy rate, following provincial guidance.

**Table 11**

The following table shows the difference between the existing total number of rental homes and the total number of rental homes required for a 3% vacancy rate (Steps 1-4).

| Peace River B RDA (CSD, BC)                                  |              |               |                           |
|--|--------------|---------------|---------------------------|
|  | Vacancy Rate | Occupied Rate | Estimated Number of Units |
| Target Vacancy Rate  | 3.00%        | 97.00%        | 257.73                    |
| Local Vacancy Rate   | 1.40%        | 98.60%        | 253.55                    |
| <b>Total New Units to Achieve 3% Vacancy Rate – 20 years</b> |              |               | <b>4.18</b>               |

## Component F: Housing units and demand (the “demand buffer”)

The demand factor is a multiplier used to calculate additional local housing demand (or "demand buffer"), determined by the province.

Table 12

The following table calculates additional demand for new housing by applying your demand factor to the total of the other relevant components, according to provincial guidelines (Steps 1 and 2).

EXPORT

| Peace River B RDA (CSD, BC)                                |               |
|--|---------------|
| Component  | Result        |
| A. Extreme Core Housing Need                               | 2.98          |
| B. Persons Experiencing Homelessness                       | 29.64         |
| C. Suppressed Household Formation                          | 118.60        |
| E. Rental Vacancy Rate Adjustment                          | 4.18          |
| <b>Total</b>   | <b>155.40</b> |
| Demand Factor  | 0.00          |
| <b>Total New Units to Address Demand Buffer - 20 years</b> | <b>0.00</b>   |

## Total 5-year and 20-year housing need

Table 13

The following table sums Components A-F and rounds the totals to the nearest whole number to determine the total number of new homes needed in the next 20 years, according to provincial guidelines. It also displays 5-year housing need estimates using the multipliers provided in the provincial guidelines and BC Stats household projections from 2021 to 2026.

EXPORT

| Peace River B RDA (CSD, BC)          |             |              |
|--------------------------------------|-------------|--------------|
| Component                            | 5 Year Need | 20 Year Need |
| A. Extreme Core Housing Need         | 0.74        | 2.98         |
| B. Persons Experiencing Homelessness | 14.82       | 29.64        |
| C. Suppressed Household Formation    | 29.65       | 118.60       |
| D. Anticipated Growth                | 136.91      | 556.06       |
| E. Rental Vacancy Rate Adjustment    | 1.05        | 4.18         |
| F. Additional Local Demand           | 0.00        | 0.00         |
| <b>Total New Units - 5 years</b>     | <b>183</b>  |              |
| <b>Total New Units - 20 years</b>    |             | <b>711</b>   |

The HNA Calculator was created by the Housing Assessment Resource Tools (HART) project in collaboration with Licker Geospatial Consulting.



Housing Assessment  
Resource Tools  
(HART)



Licker  
Geospatial  
Consulting

## Calculating 20-year housing need

The following tables calculate 20-year and 5-year housing need according to provincial guidelines. Each table follows these guidelines exactly with the intention that the tables can be directly included in the required interim housing needs report (or included as an addendum to an existing housing needs report).

HART has produced this calculator to support communities in British Columbia satisfy a provincial requirement for interim housing needs reports. Methodologies for housing needs reports can vary widely, and while HART supports the standardization of methodologies for the purpose of provincial or national reporting, we did not have a role in developing the methodology, nor do we unequivocally endorse it. You can learn more about the HART methodology and what it can tell you about your community on our [Housing Needs Assessment Tool page](#).

- A note on terminology: we use the term RDA, where the province uses the term Electoral Area. For all intents and purposes, these are interchangeable in the calculator.
- A note on rounding: [per provincial guidelines](#), the figures in Components A-F are not rounded and are shown to two decimal places. Total housing need is rounded in Table 13 to the nearest whole number, per guidelines.

## Component A: Extreme core housing need calculation

The following tables calculate the new homes required to meet existing Extreme Core Housing Need (ECHN) according to provincial guidelines.

**Table 1a**

The following table shows total owner and renter households in the four previous census years (Step 1).

| Peace River C RDA (CSD, BC) |       |       |       |       |
|-----------------------------|-------|-------|-------|-------|
| Total Households            | 2006  | 2011  | 2016  | 2021  |
| Owners                      | 2,160 | 2,090 | 2,140 | 1,945 |
| Renters                     | 155   | 245   | 335   | 325   |

**Table 1b**

The following table shows the total number and proportion of owners with a mortgage and renter households in ECHN in the four previous census years, to arrive at an average ECHN rate (Step 2).

Please note that data for owners with a mortgage is only available for 2021.

| Peace River C RDA (CSD, BC) |      |            |      |            |      |            |      |            |                   |
|-----------------------------|------|------------|------|------------|------|------------|------|------------|-------------------|
| Extreme Core Housing Need   | 2006 |            | 2011 |            | 2016 |            | 2021 |            | Average ECHN Rate |
|                             | #    | % of total |                   |
| Owners with a mortgage      |      | n/a        |      | n/a        |      | n/a        | 0    | 0.00%      | 0.00%             |
| Renters                     | 0    | 0.00%      | 0    | 0.00%      | 10   | 2.99%      | 0    | 0.00%      | 0.75%             |

**Table 2**

The following table shows the estimated total of owners with a mortgage and renter households in ECHN in 2021 (Steps 3 and 4).

| Peace River C RDA (CSD, BC)                    |                 |                   |                    |
|--|-----------------|-------------------|--------------------|
| Total Households                               | 2021 Households | Average ECHN Rate | Households in ECHN |
| Owners   |                 | n/a               | n/a                |
| Owners with a mortgage                         | 1,945           | 0.00%             | 0.00               |
| Renters  | 325             | 0.75%             | 2.43               |
| <b>Total New Units to Meet ECHN - 20 years</b> |                 |                   | <b>2.43</b>        |

## Component B: Housing units and homelessness

The following table calculates the number of new homes required to meet the needs of the existing population of people experiencing homelessness (PEH), according to provincial guidelines.

**Table 3**

The following table shows the estimated number of homes required to meet the need of existing PEH households as a proportion of the regional need (Steps 1-3).

| Peace River C RDA (CSD, BC)                             |                  |             |              |                        |
|---|------------------|-------------|--------------|------------------------|
| Regional Population                                     | Local Population |             | Regional PEH | Proportional Local PEH |
|   | #                | % of region |              |                        |
| 64,725  | 5,945            | 9.19%       | 362          | 33.25                  |
| <b>Total New Units to Homelessness Needs - 20 years</b> |                  |             |              | <b>33.25</b>           |

## Component C: Housing units and suppressed household formation

The following tables calculate the number of new homes required to meet the demand from households unable to form due to a constrained housing environment, since 2006, according to provincial guidelines.

**Table 4a**

The following table shows the number of owner and renter households in 2006 by age of the primary household maintainer (Step 1).

| Peace River C RDA (CSD, BC)                        |                 |        |
|--|-----------------|--------|
| Age - Primary Household Maintainer 2006 Categories | 2006 Households |        |
|  | Owner           | Renter |
| Under 25 years                                     | 45              | 20     |
| 25 to 34 years                                     | 275             | 45     |
| 35 to 44 years                                     | 530             | 65     |
| 45 to 54 years                                     | 600             | 0      |
| 55 to 64 years                                     | 425             | 10     |
| 65 to 74 years                                     | 190             | 10     |
| 75 years and over                                  | 90              | 10     |

**Table 4b**

The following table shows the number of owner and renter households in 2021 by age of the primary household maintainer (Step 1, cont'd).

| Peace River C RDA (CSD, BC)                        |                 |        |
|--|-----------------|--------|
| Age - Primary Household Maintainer 2021 Categories | 2021 Households |        |
|  | Owner           | Renter |
| 15 to 24 years                                     | 30              | 30     |
| 25 to 34 years                                     | 220             | 90     |
| 35 to 44 years                                     | 385             | 60     |
| 45 to 54 years                                     | 380             | 30     |
| 55 to 64 years                                     | 525             | 70     |
| 65 to 74 years                                     | 310             | 20     |
| 75 to 84 years                                     | 90              | 15     |
| 85 years and over                                  | 10              | 0      |

**Table 5**

The following table shows the population by age category in 2006 and 2021 (Step 2).

| Peace River C RDA (CSD, BC)            |                             |                |                   |                |                   |
|--|-----------------------------|----------------|-------------------|----------------|-------------------|
|  |                             | 2006           |                   | 2021           |                   |
| Age Categories – Household Maintainers | Age Categories – Population | All Categories | Summed Categories | All Categories | Summed Categories |
| 15 to 24 years                         | 15 to 19 years              | 485            |                   | 370            |                   |
|  | 20 to 24 years              | 360            | 845               | 300            | 670               |
| 25 to 34 years                         | 25 to 29 years              | 300            |                   | 305            |                   |
|  | 30 to 34 years              | 415            | 715               | 385            | 690               |
| 35 to 44 years                         | 35 to 39 years              | 475            |                   | 380            |                   |
|  | 40 to 44 years              | 670            | 1,145             | 435            | 815               |
| 45 to 54 years                         | 45 to 49 years              | 615            |                   | 345            |                   |
|  | 50 to 54 years              | 515            | 1,130             | 420            | 765               |
| 55 to 64 years                         | 55 to 59 years              | 395            |                   | 535            |                   |
|  | 60 to 64 years              | 305            | 700               | 460            | 995               |
| 65 to 74 years                         | 65 to 69 years              | 195            |                   | 350            |                   |
|  | 70 to 74 years              | 115            | 310               | 205            | 555               |
| 75 years and over                      | 75 to 79 years              | 90             |                   | 130            |                   |
|  | 80 to 84 years              | 25             |                   | 65             |                   |
|  | 85 years and over           | 10             | 125               | 25             | 220               |

**Table 6**

The following table shows the 2006 headship rate of each age category for both renters and owners (Step 3).

| Peace River C RDA (CSD, BC)            |                 |        |                 |                    |        |
|--|-----------------|--------|-----------------|--------------------|--------|
| Age Categories – Household Maintainers | 2006 Households |        | 2006 Population | 2006 Headship Rate |        |
|  | Owner           | Renter | Total           | Owner              | Renter |
| 15 to 24 years                         | 45              | 20     | 845             | 5.33%              | 2.37%  |
| 25 to 34 years                         | 275             | 45     | 715             | 38.46%             | 6.29%  |
| 35 to 44 years                         | 530             | 65     | 1,145           | 46.29%             | 5.68%  |
| 45 to 54 years                         | 600             | 0      | 1,130           | 53.10%             | 0.00%  |
| 55 to 64 years                         | 425             | 10     | 700             | 60.71%             | 1.43%  |
| 65 to 74 years                         | 190             | 10     | 310             | 61.29%             | 3.23%  |
| 75 years and over                      | 90              | 10     | 125             | 72.00%             | 8.00%  |

**Table 7**

The following table shows the potential 2021 headship rate of each age category for both renters and owners if the headship rate from 2006 remained constant (Step 4).

| Peace River C RDA (CSD, BC)            |                    |        |                 |                           |        |
|--|--------------------|--------|-----------------|---------------------------|--------|
| Age Categories – Household Maintainers | 2006 Headship Rate |        | 2021 Population | 2021 Potential Households |        |
|  | Owner              | Renter | Total           | Owner                     | Renter |
| 15 to 24 years                         | 5.33%              | 2.37%  | 670             | 35.68                     | 15.86  |
| 25 to 34 years                         | 38.46%             | 6.29%  | 690             | 265.38                    | 43.43  |
| 35 to 44 years                         | 46.29%             | 5.68%  | 815             | 377.25                    | 46.27  |
| 45 to 54 years                         | 53.10%             | 0.00%  | 765             | 406.19                    | 0.00   |
| 55 to 64 years                         | 60.71%             | 1.43%  | 995             | 604.11                    | 14.21  |
| 65 to 74 years                         | 61.29%             | 3.23%  | 555             | 340.16                    | 17.90  |
| 75 years and over                      | 72.00%             | 8.00%  | 220             | 158.40                    | 17.60  |

**Table 8**

The following table calculates the number of suppressed households by subtracting actual households in 2021 from potential households in 2021 by age category, according to provincial guidelines (Steps 5 and 6).

| Peace River C RDA (CSD, BC)                                       |                           |        |                 |        |                            |        |               |       |
|---|---------------------------|--------|-----------------|--------|----------------------------|--------|---------------|-------|
| Age Categories – Household Maintainers                            | 2021 Potential Households |        | 2021 Households |        | 2021 Suppressed Households |        |               | Total |
|   | Owner                     | Renter | Owner           | Renter | Owner                      | Renter |               |       |
| 15 to 24 years  | 35.68                     | 15.86  | 30              | 30     | 5.68                       | -14.14 | 0.00          |       |
| 25 to 34 years  | 265.38                    | 43.43  | 220             | 90     | 45.38                      | -46.57 | 0.00          |       |
| 35 to 44 years  | 377.25                    | 46.27  |                 |        | -7.75                      | -13.73 | 0.00          |       |
| 45 to 54 years  | 406.19                    | 0.00   | 380             | 30     | 26.19                      | -30.00 | 0.00          |       |
| 55 to 64 years  | 604.11                    | 14.21  | 525             | 70     | 79.11                      | -55.79 | 23.32         |       |
| 65 to 74 years  | 340.16                    | 17.90  | 310             | 20     | 30.16                      | -2.10  | 28.06         |       |
| 75 years and over   | 158.40                    | 17.60  | 100             | 15     | 58.40                      | 2.60   | 61.00         |       |
| <b>Total New Units to Meet Suppressed Housing Need – 20 years</b> |                           |        |                 |        |                            |        | <b>112.39</b> |       |

### Component D: Housing units and anticipated household growth

The following tables calculates the number of new homes required to accommodate an increasing population over 20 years according to provincial guidelines.

**Table 9**

The following table shows the 20-year population projection and growth rate for your regional district (Step 1).

| Peace River C RDA (CSD, BC)   |        |        |                      |
|-------------------------------|--------|--------|----------------------|
| Regional District Projections | 2021   | 2041   | Regional Growth Rate |
| Households                    | 24,900 | 32,950 | 32.33%               |

**Table 10**

The following table shows the calculated number of new homes needed in the next 20 years according to the provincial guidelines, calculated with the average of the municipal and regional growth projections (Steps 2-5).

| Peace River C RDA (CSD, BC)                                      |                      |            |          |               |
|--|----------------------|------------|----------|---------------|
| Growth Scenarios   | Regional Growth Rate | Households |          | New Units     |
|  |                      | 2021       | 2041     |               |
| Regionally Based Household Growth                                | 32.33%               | 2,270      | 3,003.88 | 733.88        |
| <b>Total New Units to Meet Household Growth Needs – 20 years</b> |                      |            |          | <b>733.88</b> |

### Component E: Housing units and rental vacancy rate

The following table calculates the number of new homes required to restore local vacancy rates to 3% according to provincial guidelines. Please note that in jurisdictions without vacancy rate data, the calculator will default to the provincial vacancy rate, following provincial guidance.

**Table 11**

The following table shows the difference between the existing total number of rental homes and the total number of rental homes required for a 3% vacancy rate (Steps 1-4).

| Peace River C RDA (CSD, BC)                                  |              |               |                   |                           |
|--|--------------|---------------|-------------------|---------------------------|
|  | Vacancy Rate | Occupied Rate | Renter Households | Estimated Number of Units |
| Target Vacancy Rate  | 3.00%        | 97.00%        |                   | 335.05                    |
| Local Vacancy Rate   | 1.40%        | 98.60%        | 325               | 329.61                    |
| <b>Total New Units to Achieve 3% Vacancy Rate – 20 years</b> |              |               |                   | <b>5.44</b>               |

## Component F: Housing units and demand (the “demand buffer”)

The demand factor is a multiplier used to calculate additional local housing demand (or "demand buffer"), determined by the province.

Table 12

The following table calculates additional demand for new housing by applying your demand factor to the total of the other relevant components, according to provincial guidelines (Steps 1 and 2).

EXPORT

| Peace River C RDA (CSD, BC)                                |               |
|--|---------------|
| Component  | Result        |
| A. Extreme Core Housing Need                               | 2.43          |
| B. Persons Experiencing Homelessness                       | 33.25         |
| C. Suppressed Household Formation                          | 112.39        |
| E. Rental Vacancy Rate Adjustment                          | 5.44          |
| <b>Total</b>   | <b>153.50</b> |
| Demand Factor  | 0.00          |
| <b>Total New Units to Address Demand Buffer - 20 years</b> | <b>0.00</b>   |

## Total 5-year and 20-year housing need

Table 13

The following table sums Components A-F and rounds the totals to the nearest whole number to determine the total number of new homes needed in the next 20 years, according to provincial guidelines. It also displays 5-year housing need estimates using the multipliers provided in the provincial guidelines and BC Stats household projections from 2021 to 2026.

EXPORT

| Peace River C RDA (CSD, BC)          |             |              |
|--------------------------------------|-------------|--------------|
| Component                            | 5 Year Need | 20 Year Need |
| A. Extreme Core Housing Need         | 0.61        | 2.42         |
| B. Persons Experiencing Homelessness | 16.62       | 33.25        |
| C. Suppressed Household Formation    | 28.10       | 112.39       |
| D. Anticipated Growth                | 180.69      | 733.88       |
| E. Rental Vacancy Rate Adjustment    | 1.36        | 5.44         |
| F. Additional Local Demand           | 0.00        | 0.00         |
| <b>Total New Units - 5 years</b>     | <b>227</b>  |              |
| <b>Total New Units - 20 years</b>    |             | <b>887</b>   |

The HNA Calculator was created by the Housing Assessment Resource Tools (HART) project in collaboration with Licker Geospatial Consulting.



Housing Assessment  
Resource Tools  
(HART)



Licker  
Geospatial  
Consulting

## Calculating 20-year housing need

The following tables calculate 20-year and 5-year housing need according to provincial guidelines. Each table follows these guidelines exactly with the intention that the tables can be directly included in the required interim housing needs report (or included as an addendum to an existing housing needs report).

HART has produced this calculator to support communities in British Columbia satisfy a provincial requirement for interim housing needs reports. Methodologies for housing needs reports can vary widely, and while HART supports the standardization of methodologies for the purpose of provincial or national reporting, we did not have a role in developing the methodology, nor do we unequivocally endorse it. You can learn more about the HART methodology and what it can tell you about your community on our [Housing Needs Assessment Tool page](#).

- *A note on terminology: we use the term RDA, where the province uses the term Electoral Area. For all intents and purposes, these are interchangeable in the calculator.*
- *A note on rounding: per provincial guidelines, the figures in Components A-F are not rounded and are shown to two decimal places. Total housing need is rounded in Table 13 to the nearest whole number, per guidelines.*

## Component A: Extreme core housing need calculation

The following tables calculate the new homes required to meet existing Extreme Core Housing Need (ECHN) according to provincial guidelines.

Table 1a

The following table shows total owner and renter households in the four previous census years (Step 1).

| Peace River D RDA (CSD, BC) |       |       |       |       |
|-----------------------------|-------|-------|-------|-------|
| Total Households            | 2006  | 2011  | 2016  | 2021  |
| Owners                      | 1,905 | 1,845 | 2,005 | 1,655 |
| Renters                     | 155   | 190   | 230   | 165   |

Table 1b

The following table shows the total number and proportion of owners with a mortgage and renter households in ECHN in the four previous census years, to arrive at an average ECHN rate (Step 2).

*Please note that data for owners with a mortgage is only available for 2021.*

| Peace River D RDA (CSD, BC) |      |            |      |            |      |            |      |            |                   |
|-----------------------------|------|------------|------|------------|------|------------|------|------------|-------------------|
| Extreme Core Housing Need   | 2006 |            | 2011 |            | 2016 |            | 2021 |            | Average ECHN Rate |
|                             | #    | % of total |                   |
| Owners with a mortgage      |      | n/a        |      | n/a        |      | n/a        | 60   | 3.63%      | 3.63%             |
| Renters                     | 30   | 19.35%     | 0    | 0.00%      | 10   | 4.35%      | 0    | 0.00%      | 5.93%             |

Table 2

The following table shows the estimated total of owners with a mortgage and renter households in ECHN in 2021 (Steps 3 and 4).

| Peace River D RDA (CSD, BC)                    |                 |                   |                    |
|--|-----------------|-------------------|--------------------|
| Total Households                               | 2021 Households | Average ECHN Rate | Households in ECHN |
| Owners   |                 | n/a               | n/a                |
| Owners with a mortgage                         | 1,655           | 3.63%             | 60.00              |
| Renters  | 165             | 5.93%             | 9.78               |
| <b>Total New Units to Meet ECHN - 20 years</b> |                 |                   | <b>69.78</b>       |

## Component B: Housing units and homelessness

The following table calculates the number of new homes required to meet the needs of the existing population of people experiencing homelessness (PEH), according to provincial guidelines.

**Table 3**

The following table shows the estimated number of homes required to meet the need of existing PEH households as a proportion of the regional need (Steps 1-3).

| Peace River D RDA (CSD, BC)                             |                  |             |              |                        |
|---|------------------|-------------|--------------|------------------------|
| Regional Population                                     | Local Population |             | Regional PEH | Proportional Local PEH |
|   | #                | % of region |              |                        |
| 64,725  | 4,585            | 7.08%       | 362          | 25.64                  |
| <b>Total New Units to Homelessness Needs - 20 years</b> |                  |             |              | <b>25.64</b>           |

## Component C: Housing units and suppressed household formation

The following tables calculate the number of new homes required to meet the demand from households unable to form due to a constrained housing environment, since 2006, according to provincial guidelines.

**Table 4a**

The following table shows the number of owner and renter households in 2006 by age of the primary household maintainer (Step 1).

| Peace River D RDA (CSD, BC)                        |                 |        |
|--|-----------------|--------|
| Age - Primary Household Maintainer 2006 Categories | 2006 Households |        |
|  | Owner           | Renter |
| Under 25 years                                     | 20              | 10     |
| 25 to 34 years                                     | 195             | 25     |
| 35 to 44 years                                     | 375             | 55     |
| 45 to 54 years                                     | 515             | 15     |
| 55 to 64 years                                     | 380             | 30     |
| 65 to 74 years                                     | 285             | 25     |
| 75 years and over                                  | 130             | 0      |

**Table 4b**

The following table shows the number of owner and renter households in 2021 by age of the primary household maintainer (Step 1, cont'd).

| Peace River D RDA (CSD, BC)                        |                 |        |
|--|-----------------|--------|
| Age - Primary Household Maintainer 2021 Categories | 2021 Households |        |
|  | Owner           | Renter |
| 15 to 24 years                                     | 25              | 15     |
| 25 to 34 years                                     | 165             | 30     |
| 35 to 44 years                                     | 300             | 35     |
| 45 to 54 years                                     | 295             | 25     |
| 55 to 64 years                                     | 395             | 40     |
| 65 to 74 years                                     | 280             | 10     |
| 75 to 84 years                                     | 150             | 10     |
| 85 years and over                                  | 55              | 0      |

**Table 5**

The following table shows the population by age category in 2006 and 2021 (Step 2).

| Peace River D RDA (CSD, BC)            |                             |                |                   |                |                   |
|--|-----------------------------|----------------|-------------------|----------------|-------------------|
|  |                             | 2006           |                   | 2021           |                   |
| Age Categories – Household Maintainers | Age Categories – Population | All Categories | Summed Categories | All Categories | Summed Categories |
| 15 to 24 years                         | 15 to 19 years              | 480            |                   | 255            |                   |
|  | 20 to 24 years              | 235            | 715               | 185            | 440               |
| 25 to 34 years                         | 25 to 29 years              | 205            |                   | 195            |                   |
|  | 30 to 34 years              | 280            | 485               | 195            | 390               |
| 35 to 44 years                         | 35 to 39 years              | 335            |                   | 345            |                   |
|  | 40 to 44 years              | 460            | 795               | 280            | 625               |
| 45 to 54 years                         | 45 to 49 years              | 590            |                   | 295            |                   |
|  | 50 to 54 years              | 435            | 1,025             | 325            | 620               |
| 55 to 64 years                         | 55 to 59 years              | 425            |                   | 385            |                   |
|  | 60 to 64 years              | 355            | 780               | 400            | 785               |
| 65 to 74 years                         | 65 to 69 years              | 250            |                   | 310            |                   |
|  | 70 to 74 years              | 190            | 440               | 210            | 520               |
| 75 years and over                      | 75 to 79 years              | 130            |                   | 170            |                   |
|  | 80 to 84 years              | 25             |                   | 85             |                   |
|  | 85 years and over           | 10             | 165               | 60             | 315               |

**Table 6**

The following table shows the 2006 headship rate of each age category for both renters and owners (Step 3).

| Peace River D RDA (CSD, BC)            |                 |        |       |                    |        |
|--|-----------------|--------|-------|--------------------|--------|
| Age Categories – Household Maintainers | 2006 Population |        |       | 2006 Headship Rate |        |
|  | Own             | Renter | Total | Own                | Renter |
| 15 to 24 years                         | 20              | 10     | 715   | 2.80%              | 1.40%  |
| 25 to 34 years                         | 195             | 25     | 485   | 40.21%             | 5.15%  |
| 35 to 44 years                         | 375             | 55     | 795   | 47.17%             | 6.92%  |
| 45 to 54 years                         | 515             | 15     | 1,025 | 50.24%             | 1.46%  |
| 55 to 64 years                         | 380             | 30     | 780   | 48.72%             | 3.85%  |
| 65 to 74 years                         | 285             | 25     | 440   | 64.77%             | 5.68%  |
| 75 years and over                      | 130             | 0      | 165   | 78.79%             | 0.00%  |

**Table 7**

The following table shows the potential 2021 headship rate of each age category for both renters and owners if the headship rate from 2006 remained constant (Step 4).

| Peace River D RDA (CSD, BC)            |                    |        |                 |                           |        |
|--|--------------------|--------|-----------------|---------------------------|--------|
| Age Categories – Household Maintainers | 2006 Headship Rate |        | 2021 Population | 2021 Potential Households |        |
|  | Owner              | Renter |                 | Owner                     | Renter |
| 15 to 24 years                         | 2.80%              | 1.40%  | 440             | 12.31                     | 6.15   |
| 25 to 34 years                         | 40.21%             | 5.15%  | 390             | 156.80                    | 20.10  |
| 35 to 44 years                         | 47.17%             | 6.92%  | 625             | 294.81                    | 43.24  |
| 45 to 54 years                         | 50.24%             | 1.46%  | 620             | 311.51                    | 9.07   |
| 55 to 64 years                         | 48.72%             | 3.85%  | 785             | 382.44                    | 30.19  |
| 65 to 74 years                         | 64.77%             | 5.68%  | 520             | 336.82                    | 29.55  |
| 75 years and over                      | 78.79%             | 0.00%  | 315             | 248.18                    | 0.00   |

**Table 8**

The following table calculates the number of suppressed households by subtracting actual households in 2021 from potential households in 2021 by age category, according to provincial guidelines (Steps 5 and 6).

| Peace River D RDA (CSD, BC)                                       |                           |        |                 |        |                            |        |               |
|---|---------------------------|--------|-----------------|--------|----------------------------|--------|---------------|
| Age Categories – Household Maintainers                            | 2021 Potential Households |        | 2021 Households |        | 2021 Suppressed Households |        |               |
|   | Owner                     | Renter | Owner           | Renter | Owner                      | Renter | Total         |
| 15 to 24 years  | 12.31                     | 6.15   | 25              | 15     | -12.69                     | -8.85  | 0.00          |
| 25 to 34 years  | 156.80                    | 20.10  | 165             | 30     | -8.20                      | -9.90  | 0.00          |
| 35 to 44 years  | 294.81                    | 43.24  |                 |        | -5.19                      | 8.24   | 3.05          |
| 45 to 54 years  | 311.51                    | 9.07   | 295             | 25     | 16.51                      | -15.93 | 0.59          |
| 55 to 64 years  | 382.44                    | 30.19  | 395             | 40     | -12.56                     | -9.81  | 0.00          |
| 65 to 74 years  | 336.82                    | 29.55  | 280             | 10     | 56.82                      | 19.55  | 76.36         |
| 75 years and over   | 248.18                    | 0.00   | 205             | 10     | 43.18                      | -10.00 | 33.18         |
| <b>Total New Units to Meet Suppressed Housing Need – 20 years</b> |                           |        |                 |        |                            |        | <b>113.18</b> |

**Component D: Housing units and anticipated household growth**

The following tables calculates the number of new homes required to accommodate an increasing population over 20 years according to provincial guidelines.

**Table 9**

The following table shows the 20-year population projection and growth rate for your regional district (Step 1).

| Peace River D RDA (CSD, BC)   |        |        |                      |
|-------------------------------|--------|--------|----------------------|
| Regional District Projections | 2021   | 2041   | Regional Growth Rate |
| Households                    | 24,900 | 32,950 | 32.33%               |

**Table 10**

The following table shows the calculated number of new homes needed in the next 20 years according to the provincial guidelines, calculated with the average of the municipal and regional growth projections (Steps 2-5).

| Peace River D RDA (CSD, BC)                                      |                      |            |          |               |
|--|----------------------|------------|----------|---------------|
| Growth Scenarios   | Regional Growth Rate | Households |          | New Units     |
|  |                      | 2021       | 2041     |               |
| Regionally Based Household Growth                                | 32.33%               | 1,820      | 2,408.39 | 588.39        |
| <b>Total New Units to Meet Household Growth Needs – 20 years</b> |                      |            |          | <b>588.39</b> |

**Component E: Housing units and rental vacancy rate**

The following table calculates the number of new homes required to restore local vacancy rates to 3% according to provincial guidelines. Please note that in jurisdictions without vacancy rate data, the calculator will default to the provincial vacancy rate, following provincial guidance.

**Table 11**

The following table shows the difference between the existing total number of rental homes and the total number of rental homes required for a 3% vacancy rate (Steps 1-4).

| Peace River D RDA (CSD, BC)                                  |              |               |                   |                           |
|--|--------------|---------------|-------------------|---------------------------|
|  | Vacancy Rate | Occupied Rate | Renter Households | Estimated Number of Units |
| Target Vacancy Rate  | 3.00%        | 97.00%        |                   | 170.10                    |
| Local Vacancy Rate   | 1.40%        | 98.60%        | 165               | 167.34                    |
| <b>Total New Units to Achieve 3% Vacancy Rate – 20 years</b> |              |               |                   | <b>2.76</b>               |

## Component F: Housing units and demand (the “demand buffer”)

The demand factor is a multiplier used to calculate additional local housing demand (or "demand buffer"), determined by the province.

Table 12

The following table calculates additional demand for new housing by applying your demand factor to the total of the other relevant components, according to provincial guidelines (Steps 1 and 2).

EXPORT

| Peace River D RDA (CSD, BC)                                |               |
|--|---------------|
| Component  | Result        |
| A. Extreme Core Housing Need                               | 69.78         |
| B. Persons Experiencing Homelessness                       | 25.64         |
| C. Suppressed Household Formation                          | 113.18        |
| E. Rental Vacancy Rate Adjustment                          | 2.76          |
| <b>Total</b>   | <b>211.36</b> |
| Demand Factor  | 0.00          |
| <b>Total New Units to Address Demand Buffer - 20 years</b> | <b>0.00</b>   |

## Total 5-year and 20-year housing need

Table 13

The following table sums Components A-F and rounds the totals to the nearest whole number to determine the total number of new homes needed in the next 20 years, according to provincial guidelines. It also displays 5-year housing need estimates using the multipliers provided in the provincial guidelines and BC Stats household projections from 2021 to 2026.

EXPORT

| Peace River D RDA (CSD, BC)          |             |              |
|--------------------------------------|-------------|--------------|
| Component                            | 5 Year Need | 20 Year Need |
| A. Extreme Core Housing Need         | 17.44       | 69.78        |
| B. Persons Experiencing Homelessness | 12.82       | 25.64        |
| C. Suppressed Household Formation    | 28.30       | 113.18       |
| D. Anticipated Growth                | 144.87      | 588.39       |
| E. Rental Vacancy Rate Adjustment    | 0.69        | 2.76         |
| F. Additional Local Demand           | 0.00        | 0.00         |
| <b>Total New Units - 5 years</b>     | <b>204</b>  |              |
| <b>Total New Units - 20 years</b>    |             | <b>800</b>   |

The HNA Calculator was created by the Housing Assessment Resource Tools (HART) project in collaboration with Licker Geospatial Consulting.



Housing Assessment  
Resource Tools  
(HART)



Licker  
Geospatial  
Consulting

## Calculating 20-year housing need

The following tables calculate 20-year and 5-year housing need according to provincial guidelines. Each table follows these guidelines exactly with the intention that the tables can be directly included in the required interim housing needs report (or included as an addendum to an existing housing needs report).

HART has produced this calculator to support communities in British Columbia satisfy a provincial requirement for interim housing needs reports. Methodologies for housing needs reports can vary widely, and while HART supports the standardization of methodologies for the purpose of provincial or national reporting, we did not have a role in developing the methodology, nor do we unequivocally endorse it. You can learn more about the HART methodology and what it can tell you about your community on our [Housing Needs Assessment Tool page](#).

- *A note on terminology: we use the term RDA, where the province uses the term Electoral Area. For all intents and purposes, these are interchangeable in the calculator.*
- *A note on rounding: per provincial guidelines, the figures in Components A-F are not rounded and are shown to two decimal places. Total housing need is rounded in Table 13 to the nearest whole number, per guidelines.*

## Component A: Extreme core housing need calculation

The following tables calculate the new homes required to meet existing Extreme Core Housing Need (ECHN) according to provincial guidelines.

**Table 1a**

The following table shows total owner and renter households in the four previous census years (Step 1).

| Peace River E RDA (CSD, BC) |       |      |       |      |
|-----------------------------|-------|------|-------|------|
| Total Households            | 2006  | 2011 | 2016  | 2021 |
| Owners                      | 1,050 | 915  | 1,020 | 945  |
| Renters                     | 90    | 110  | 175   | 145  |

**Table 1b**

The following table shows the total number and proportion of owners with a mortgage and renter households in ECHN in the four previous census years, to arrive at an average ECHN rate (Step 2).

Please note that data for owners with a mortgage is only available for 2021.

| Peace River E RDA (CSD, BC) |      |            |      |            |      |            |      |            |                   |
|-----------------------------|------|------------|------|------------|------|------------|------|------------|-------------------|
| Extreme Core Housing Need   | 2006 |            | 2011 |            | 2016 |            | 2021 |            | Average ECHN Rate |
|                             | #    | % of total |                   |
| Owners with a mortgage      |      | n/a        |      | n/a        |      | n/a        | 0    | 0.00%      | 0.00%             |
| Renters                     | 0    | 0.00%      | 35   | 31.82%     | 10   | 5.71%      | 0    | 0.00%      | 9.38%             |

**Table 2**

The following table shows the estimated total of owners with a mortgage and renter households in ECHN in 2021 (Steps 3 and 4).

| Peace River E RDA (CSD, BC)                    |                 |                   |                    |
|--|-----------------|-------------------|--------------------|
| Total Households                               | 2021 Households | Average ECHN Rate | Households in ECHN |
| Owners   |                 | n/a               | n/a                |
| Owners with a mortgage                         | 945             | 0.00%             | 0.00               |
| Renters  | 145             | 9.38%             | 13.61              |
| <b>Total New Units to Meet ECHN - 20 years</b> |                 |                   | <b>13.61</b>       |

## Component B: Housing units and homelessness

The following table calculates the number of new homes required to meet the needs of the existing population of people experiencing homelessness (PEH), according to provincial guidelines.

**Table 3**

The following table shows the estimated number of homes required to meet the need of existing PEH households as a proportion of the regional need (Steps 1-3).

| Peace River E RDA (CSD, BC)                             |                  |             |              |                        |
|---|------------------|-------------|--------------|------------------------|
| Regional Population                                     | Local Population |             | Regional PEH | Proportional Local PEH |
|   | #                | % of region |              |                        |
| 64,725  | 2,645            | 4.09%       | 362          | 14.79                  |
| <b>Total New Units to Homelessness Needs - 20 years</b> |                  |             |              | <b>14.79</b>           |

## Component C: Housing units and suppressed household formation

The following tables calculate the number of new homes required to meet the demand from households unable to form due to a constrained housing environment, since 2006, according to provincial guidelines.

**Table 4a**

The following table shows the number of owner and renter households in 2006 by age of the primary household maintainer (Step 1).

| Peace River E RDA (CSD, BC)                        |                 |        |
|--|-----------------|--------|
| Age - Primary Household Maintainer 2006 Categories | 2006 Households |        |
|  | Owner           | Renter |
| Under 25 years                                     | 10              | 0      |
| 25 to 34 years                                     | 95              | 25     |
| 35 to 44 years                                     | 210             | 20     |
| 45 to 54 years                                     | 340             | 25     |
| 55 to 64 years                                     | 175             | 10     |
| 65 to 74 years                                     | 150             | 0      |
| 75 years and over                                  | 75              | 0      |

**Table 4b**

The following table shows the number of owner and renter households in 2021 by age of the primary household maintainer (Step 1, cont'd).

| Peace River E RDA (CSD, BC)                        |                 |        |
|--|-----------------|--------|
| Age - Primary Household Maintainer 2021 Categories | 2021 Households |        |
|  | Owner           | Renter |
| 15 to 24 years                                     | 35              | 15     |
| 25 to 34 years                                     | 145             | 20     |
| 35 to 44 years                                     | 100             | 50     |
| 45 to 54 years                                     | 125             | 0      |
| 55 to 64 years                                     | 280             | 20     |
| 65 to 74 years                                     | 180             | 20     |
| 75 to 84 years                                     | 65              | 0      |
| 85 years and over                                  | 25              | 0      |

**Table 5**

The following table shows the population by age category in 2006 and 2021 (Step 2).

| Peace River E RDA (CSD, BC)            |                             |                |                   |                |                   |
|--|-----------------------------|----------------|-------------------|----------------|-------------------|
|  |                             | 2006           |                   | 2021           |                   |
| Age Categories – Household Maintainers | Age Categories – Population | All Categories | Summed Categories | All Categories | Summed Categories |
| 15 to 24 years                         | 15 to 19 years              | 250            |                   | 160            |                   |
|  | 20 to 24 years              | 130            | 380               | 155            | 315               |
| 25 to 34 years                         | 25 to 29 years              | 80             |                   | 90             |                   |
|  | 30 to 34 years              | 180            | 260               | 250            | 340               |
| 35 to 44 years                         | 35 to 39 years              | 180            |                   | 100            |                   |
|  | 40 to 44 years              | 295            | 475               | 155            | 255               |
| 45 to 54 years                         | 45 to 49 years              | 325            |                   | 120            |                   |
|  | 50 to 54 years              | 265            | 590               | 155            | 275               |
| 55 to 64 years                         | 55 to 59 years              | 215            |                   | 275            |                   |
|  | 60 to 64 years              | 155            | 370               | 230            | 505               |
| 65 to 74 years                         | 65 to 69 years              | 145            |                   | 195            |                   |
|  | 70 to 74 years              | 80             | 225               | 105            | 300               |
| 75 years and over                      | 75 to 79 years              | 75             |                   | 60             |                   |
|  | 80 to 84 years              | 30             |                   | 45             |                   |
|  | 85 years and over           | 30             | 135               | 35             | 140               |

**Table 6**

The following table shows the 2006 headship rate of each age category for both renters and owners (Step 3).

| Peace River E RDA (CSD, BC)            |                     |        |                 |                        |        |
|--|---------------------|--------|-----------------|------------------------|--------|
| Age Categories – Household Maintainers | Own 2006 Households |        | 2006 Population | Own 2006 Headship Rate |        |
|  | Owner               | Renter |                 | Owner                  | Renter |
| 15 to 24 years                         | 10                  | 0      | 380             | 2.63%                  | 0.00%  |
| 25 to 34 years                         | 95                  | 25     | 260             | 36.54%                 | 9.62%  |
| 35 to 44 years                         | 210                 | 20     | 475             | 44.21%                 | 4.21%  |
| 45 to 54 years                         | 340                 | 25     | 590             | 57.63%                 | 4.24%  |
| 55 to 64 years                         | 175                 | 10     | 370             | 47.30%                 | 2.70%  |
| 65 to 74 years                         | 150                 | 0      | 225             | 66.67%                 | 0.00%  |
| 75 years and over                      | 75                  | 0      | 135             | 55.56%                 | 0.00%  |

**Table 7**

The following table shows the potential 2021 headship rate of each age category for both renters and owners if the headship rate from 2006 remained constant (Step 4).

| Peace River E RDA (CSD, BC)            |                    |        |                 |                           |        |
|--|--------------------|--------|-----------------|---------------------------|--------|
| Age Categories – Household Maintainers | 2006 Headship Rate |        | 2021 Population | 2021 Potential Households |        |
|  | Owner              | Renter |                 | Owner                     | Renter |
| 15 to 24 years                         | 2.63%              | 0.00%  | 315             | 8.29                      | 0.00   |
| 25 to 34 years                         | 36.54%             | 9.62%  | 340             | 124.23                    | 32.69  |
| 35 to 44 years                         | 44.21%             | 4.21%  | 255             | 112.74                    | 10.74  |
| 45 to 54 years                         | 57.63%             | 4.24%  | 275             | 158.47                    | 11.65  |
| 55 to 64 years                         | 47.30%             | 2.70%  | 505             | 238.85                    | 13.65  |
| 65 to 74 years                         | 66.67%             | 0.00%  | 300             | 200.00                    | 0.00   |
| 75 years and over                      | 55.56%             | 0.00%  | 140             | 77.78                     | 0.00   |

**Table 8**

The following table calculates the number of suppressed households by subtracting actual households in 2021 from potential households in 2021 by age category, according to provincial guidelines (Steps 5 and 6).

| Peace River E RDA (CSD, BC)                                       |                           |        |                 |        |                            |        |              |
|---|---------------------------|--------|-----------------|--------|----------------------------|--------|--------------|
| Age Categories – Household Maintainers                            | 2021 Potential Households |        | 2021 Households |        | 2021 Suppressed Households |        | Total        |
|   | Owner                     | Renter | Owner           | Renter | Owner                      | Renter |              |
| 15 to 24 years  | 8.29                      | 0.00   | 35              | 15     | -26.71                     | -15.00 | 0.00         |
| 25 to 34 years  | 124.23                    | 32.69  | 145             | 20     | -20.77                     | 12.69  | 0.00         |
| 35 to 44 years  | 112.74                    | 10.74  |                 |        | 12.74                      | -39.26 | 0.00         |
| 45 to 54 years  | 158.47                    | 11.65  | 125             | 0      | 33.47                      | 11.65  | 45.13        |
| 55 to 64 years  | 238.85                    | 13.65  | 280             | 20     | -41.15                     | -6.35  | 0.00         |
| 65 to 74 years  | 200.00                    | 0.00   | 180             | 20     | 20.00                      | -20.00 | 0.00         |
| 75 years and over   | 77.78                     | 0.00   | 90              | 0      | -12.22                     | 0.00   | 0.00         |
| <b>Total New Units to Meet Suppressed Housing Need – 20 years</b> |                           |        |                 |        |                            |        | <b>45.13</b> |

### Component D: Housing units and anticipated household growth

The following tables calculates the number of new homes required to accommodate an increasing population over 20 years according to provincial guidelines.

**Table 9**

The following table shows the 20-year population projection and growth rate for your regional district (Step 1).

| Peace River E RDA (CSD, BC)   |        |        |                      |
|-------------------------------|--------|--------|----------------------|
| Regional District Projections | 2021   | 2041   | Regional Growth Rate |
| Households                    | 24,900 | 32,950 | 32.33%               |

**Table 10**

The following table shows the calculated number of new homes needed in the next 20 years according to the provincial guidelines, calculated with the average of the municipal and regional growth projections (Steps 2-5).

| Peace River E RDA (CSD, BC)                                      |                      |            |          |               |
|--|----------------------|------------|----------|---------------|
| Growth Scenarios   | Regional Growth Rate | Households |          | New Units     |
|  |                      | 2021       | 2041     |               |
| Regionally Based Household Growth                                | 32.33%               | 1,085      | 1,435.77 | 350.77        |
| <b>Total New Units to Meet Household Growth Needs – 20 years</b> |                      |            |          | <b>350.77</b> |

### Component E: Housing units and rental vacancy rate

The following table calculates the number of new homes required to restore local vacancy rates to 3% according to provincial guidelines. Please note that in jurisdictions without vacancy rate data, the calculator will default to the provincial vacancy rate, following provincial guidance.

**Table 11**

The following table shows the difference between the existing total number of rental homes and the total number of rental homes required for a 3% vacancy rate (Steps 1-4).

| Peace River E RDA (CSD, BC)                                  |              |               |                   |                           |
|--|--------------|---------------|-------------------|---------------------------|
|  | Vacancy Rate | Occupied Rate | Renter Households | Estimated Number of Units |
| Target Vacancy Rate  | 3.00%        | 97.00%        |                   | 149.48                    |
| Local Vacancy Rate   | 1.40%        | 98.60%        | 145               | 147.06                    |
| <b>Total New Units to Achieve 3% Vacancy Rate – 20 years</b> |              |               |                   | <b>2.43</b>               |

## Component F: Housing units and demand (the “demand buffer”)

The demand factor is a multiplier used to calculate additional local housing demand (or "demand buffer"), determined by the province.

Table 12

The following table calculates additional demand for new housing by applying your demand factor to the total of the other relevant components, according to provincial guidelines (Steps 1 and 2).

EXPORT

| Peace River E RDA (CSD, BC)                                |              |
|--|--------------|
| Component  | Result       |
| A. Extreme Core Housing Need                               | 13.61        |
| B. Persons Experiencing Homelessness                       | 14.79        |
| C. Suppressed Household Formation                          | 45.13        |
| E. Rental Vacancy Rate Adjustment                          | 2.43         |
| <b>Total</b>   | <b>75.95</b> |
| Demand Factor  | 0.00         |
| <b>Total New Units to Address Demand Buffer - 20 years</b> | <b>0.00</b>  |

## Total 5-year and 20-year housing need

Table 13

The following table sums Components A-F and rounds the totals to the nearest whole number to determine the total number of new homes needed in the next 20 years, according to provincial guidelines. It also displays 5-year housing need estimates using the multipliers provided in the provincial guidelines and BC Stats household projections from 2021 to 2026.

EXPORT

| Peace River E RDA (CSD, BC)          |             |              |
|--------------------------------------|-------------|--------------|
| Component                            | 5 Year Need | 20 Year Need |
| A. Extreme Core Housing Need         | 3.40        | 13.61        |
| B. Persons Experiencing Homelessness | 7.40        | 14.79        |
| C. Suppressed Household Formation    | 11.28       | 45.13        |
| D. Anticipated Growth                | 86.36       | 350.77       |
| E. Rental Vacancy Rate Adjustment    | 0.61        | 2.43         |
| F. Additional Local Demand           | 0.00        | 0.00         |
| <b>Total New Units - 5 years</b>     | <b>109</b>  |              |
| <b>Total New Units - 20 years</b>    |             | <b>427</b>   |

The HNA Calculator was created by the Housing Assessment Resource Tools (HART) project in collaboration with Licker Geospatial Consulting.



Housing Assessment  
Resource Tools  
(HART)



Licker  
Geospatial  
Consulting

## Calculating 20-year housing need

The following tables calculate 20-year and 5-year housing need according to provincial guidelines. Each table follows these guidelines exactly with the intention that the tables can be directly included in the required interim housing needs report (or included as an addendum to an existing housing needs report).

HART has produced this calculator to support communities in British Columbia satisfy a provincial requirement for interim housing needs reports. Methodologies for housing needs reports can vary widely, and while HART supports the standardization of methodologies for the purpose of provincial or national reporting, we did not have a role in developing the methodology, nor do we unequivocally endorse it. You can learn more about the HART methodology and what it can tell you about your community on our [Housing Needs Assessment Tool page](#).

- *A note on terminology: we use the term RDA, where the province uses the term Electoral Area. For all intents and purposes, these are interchangeable in the calculator.*
- *A note on rounding: per provincial guidelines, the figures in Components A-F are not rounded and are shown to two decimal places. Total housing need is rounded in Table 13 to the nearest whole number, per guidelines.*

## Component A: Extreme core housing need calculation

The following tables calculate the new homes required to meet existing Extreme Core Housing Need (ECHN) according to provincial guidelines.

**Table 1a**

The following table shows total owner and renter households in the four previous census years (Step 1).

| Chetwynd DM (CSD, BC) |      |      |      |      |
|-----------------------|------|------|------|------|
| Total Households      | 2006 | 2011 | 2016 | 2021 |
| Owners                | 635  | 665  | 690  | 630  |
| Renters               | 390  | 390  | 310  | 360  |

**Table 1b**

The following table shows the total number and proportion of owners with a mortgage and renter households in ECHN in the four previous census years, to arrive at an average ECHN rate (Step 2).

Please note that data for owners with a mortgage is only available for 2021.

| Chetwynd DM (CSD, BC)     |      |            |      |            |      |            |      |            |                   |
|---------------------------|------|------------|------|------------|------|------------|------|------------|-------------------|
| Extreme Core Housing Need | 2006 |            | 2011 |            | 2016 |            | 2021 |            | Average ECHN Rate |
|                           | #    | % of total |                   |
| Owners with a mortgage    |      | n/a        |      | n/a        |      | n/a        | 0    | 0.00%      | 0.00%             |
| Renters                   | 0    | 0.00%      | 0    | 0.00%      | 35   | 11.29%     | 0    | 0.00%      | 2.82%             |

**Table 2**

The following table shows the estimated total of owners with a mortgage and renter households in ECHN in 2021 (Steps 3 and 4).

| Chetwynd DM (CSD, BC)                          |                 |                   |                    |
|--|-----------------|-------------------|--------------------|
| Total Households                               | 2021 Households | Average ECHN Rate | Households in ECHN |
| Owners   |                 | n/a               | n/a                |
| Owners with a mortgage                         | 630             | 0.00%             | 0.00               |
| Renters  | 360             | 2.82%             | 10.16              |
| <b>Total New Units to Meet ECHN - 20 years</b> |                 |                   | <b>10.16</b>       |

## Component B: Housing units and homelessness

The following table calculates the number of new homes required to meet the needs of the existing population of people experiencing homelessness (PEH), according to provincial guidelines.

**Table 3**

The following table shows the estimated number of homes required to meet the need of existing PEH households as a proportion of the regional need (Steps 1-3).

| Chetwynd DM (CSD, BC)                                   |                  |             |              |                        |
|---|------------------|-------------|--------------|------------------------|
| Regional Population                                     | Local Population |             | Regional PEH | Proportional Local PEH |
|   | #                | % of region |              |                        |
| 64,725  | 2,275            | 3.51%       | 362          | 12.72                  |
| <b>Total New Units to Homelessness Needs - 20 years</b> |                  |             |              | <b>12.72</b>           |

## Component C: Housing units and suppressed household formation

The following tables calculate the number of new homes required to meet the demand from households unable to form due to a constrained housing environment, since 2006, according to provincial guidelines.

**Table 4a**

The following table shows the number of owner and renter households in 2006 by age of the primary household maintainer (Step 1).

| Chetwynd DM (CSD, BC)                              |                 |        |
|--|-----------------|--------|
| Age - Primary Household Maintainer 2006 Categories | 2006 Households |        |
|  | Owner           | Renter |
| Under 25 years                                     | 25              | 50     |
| 25 to 34 years                                     | 105             | 110    |
| 35 to 44 years                                     | 155             | 95     |
| 45 to 54 years                                     | 145             | 60     |
| 55 to 64 years                                     | 105             | 40     |
| 65 to 74 years                                     | 70              | 20     |
| 75 years and over                                  | 35              | 25     |

**Table 4b**

The following table shows the number of owner and renter households in 2021 by age of the primary household maintainer (Step 1, cont'd).

| Chetwynd DM (CSD, BC)                              |                 |        |
|--|-----------------|--------|
| Age - Primary Household Maintainer 2021 Categories | 2021 Households |        |
|  | Owner           | Renter |
| 15 to 24 years                                     | 20              | 30     |
| 25 to 34 years                                     | 155             | 90     |
| 35 to 44 years                                     | 85              | 55     |
| 45 to 54 years                                     | 105             | 85     |
| 55 to 64 years                                     | 125             | 70     |
| 65 to 74 years                                     | 85              | 20     |
| 75 to 84 years                                     | 35              | 15     |
| 85 years and over                                  | 15              | 0      |

**Table 5**

The following table shows the population by age category in 2006 and 2021 (Step 2).

|  |                             | Chetwynd DM (CSD, BC) |                   |                |                   |
|--|-----------------------------|-----------------------|-------------------|----------------|-------------------|
|  |                             | 2006                  |                   | 2021           |                   |
| Age Categories – Household Maintainers | Age Categories – Population | All Categories        | Summed Categories | All Categories | Summed Categories |
| 15 to 24 years                         | 15 to 19 years              | 190                   |                   | 100            |                   |
|  | 20 to 24 years              | 215                   | 405               | 155            | 255               |
| 25 to 34 years                         | 25 to 29 years              | 195                   |                   | 225            |                   |
|  | 30 to 34 years              | 195                   | 390               | 240            | 465               |
| 35 to 44 years                         | 35 to 39 years              | 190                   |                   | 185            |                   |
|  | 40 to 44 years              | 240                   | 430               | 85             | 270               |
| 45 to 54 years                         | 45 to 49 years              | 230                   |                   | 165            |                   |
|  | 50 to 54 years              | 160                   | 390               | 160            | 325               |
| 55 to 64 years                         | 55 to 59 years              | 140                   |                   | 150            |                   |
|  | 60 to 64 years              | 100                   | 240               | 175            | 325               |
| 65 to 74 years                         | 65 to 69 years              | 55                    |                   | 70             |                   |
|  | 70 to 74 years              | 60                    | 115               | 90             | 160               |
| 75 years and over                      | 75 to 79 years              | 25                    |                   | 60             |                   |
|  | 80 to 84 years              | 25                    |                   | 0              |                   |
|  | 85 years and over           | 10                    | 60                | 35             | 95                |

**Table 6**

The following table shows the 2006 headship rate of each age category for both renters and owners (Step 3).

|  |                 | Chetwynd DM (CSD, BC) |                 |                    |        |
|--|-----------------|-----------------------|-----------------|--------------------|--------|
| Age Categories – Household Maintainers | 2006 Households |                       | 2006 Population | 2006 Headship Rate |        |
|  | Owner           | Renter                | Total           | Owner              | Renter |
| 15 to 24 years                         | 25              | 50                    | 405             | 6.17%              | 12.35% |
| 25 to 34 years                         | 105             | 110                   | 390             | 26.92%             | 28.21% |
| 35 to 44 years                         | 155             | 95                    | 430             | 36.05%             | 22.09% |
| 45 to 54 years                         | 145             | 60                    | 390             | 37.18%             | 15.38% |
| 55 to 64 years                         | 105             | 40                    | 240             | 43.75%             | 16.67% |
| 65 to 74 years                         | 70              | 20                    | 115             | 60.87%             | 17.39% |
| 75 years and over                      | 35              | 25                    | 60              | 58.33%             | 41.67% |

**Table 7**

The following table shows the potential 2021 headship rate of each age category for both renters and owners if the headship rate from 2006 remained constant (Step 4).

|  |                    | Chetwynd DM (CSD, BC) |                 |                           |        |
|--|--------------------|-----------------------|-----------------|---------------------------|--------|
| Age Categories – Household Maintainers | 2006 Headship Rate |                       | 2021 Population | 2021 Potential Households |        |
|  | Owner              | Renter                | Total           | Owner                     | Renter |
| 15 to 24 years                         | 6.17%              | 12.35%                | 255             | 15.74                     | 31.48  |
| 25 to 34 years                         | 26.92%             | 28.21%                | 465             | 125.19                    | 131.15 |
| 35 to 44 years                         | 36.05%             | 22.09%                | 270             | 97.33                     | 59.65  |
| 45 to 54 years                         | 37.18%             | 15.38%                | 325             | 120.83                    | 50.00  |
| 55 to 64 years                         | 43.75%             | 16.67%                | 325             | 142.19                    | 54.17  |
| 65 to 74 years                         | 60.87%             | 17.39%                | 160             | 97.39                     | 27.83  |
| 75 years and over                      | 58.33%             | 41.67%                | 95              | 55.42                     | 39.58  |

**Table 8**

The following table calculates the number of suppressed households by subtracting actual households in 2021 from potential households in 2021 by age category, according to provincial guidelines (Steps 5 and 6).

| Chetwynd DM (CSD, BC)   |                           |        |                 |        |                            |        |              |
|---|---------------------------|--------|-----------------|--------|----------------------------|--------|--------------|
| Age Categories - Household Maintainers                            | 2021 Potential Households |        | 2021 Households |        | 2021 Suppressed Households |        | Total        |
|   | Owner                     | Renter | Owner           | Renter | Owner                      | Renter |              |
| 15 to 24 years  | 15.74                     | 31.48  | 20              | 30     | -4.26                      | 1.48   | 0.00         |
| 25 to 34 years  | 125.19                    | 131.15 | 155             | 90     | -29.81                     | 41.15  | 11.35        |
| 35 to 44 years  | 97.33                     | 59.65  | 85              | 55     | 12.33                      | 4.65   | 16.98        |
| 45 to 54 years  | 120.83                    | 50.00  | 105             | 85     | 15.83                      | -35.00 | 0.00         |
| 55 to 64 years  | 142.19                    | 54.17  | 125             | 70     | 17.19                      | -15.83 | 1.35         |
| 65 to 74 years  | 97.39                     | 27.83  | 85              | 20     | 12.39                      | 7.83   | 20.22        |
| 75 years and over   | 55.42                     | 39.58  | 50              | 15     | 5.42                       | 24.58  | 30.00        |
| <b>Total New Units to Meet Suppressed Housing Need - 20 years</b> |                           |        |                 |        |                            |        | <b>79.89</b> |

**Component D: Housing units and anticipated household growth**

The following tables calculates the number of new homes required to accommodate an increasing population over 20 years according to provincial guidelines.

**Table 9**

The following table shows the 20-year population projection and growth rate for your regional district (Step 1).

| Chetwynd DM (CSD, BC)         |        |        |                      |
|-------------------------------|--------|--------|----------------------|
| Regional District Projections | 2021   | 2041   | Regional Growth Rate |
| Households                    | 24,900 | 32,950 | 32.33%               |

**Table 10**

The following table shows the calculated number of new homes needed in the next 20 years according to the provincial guidelines, calculated with the average of the municipal and regional growth projections (Steps 2-5).

| Chetwynd DM (CSD, BC)  |                      |            |          |               |
|--|----------------------|------------|----------|---------------|
| Growth Scenarios   | Regional Growth Rate | Households |          | New Units     |
|  |                      | 2021       | 2041     |               |
| Local Household Growth   | n/a                  | 995        | 893.00   | -102.00       |
| Regionally Based Household Growth                                | 32.33%               | 995        | 1,316.68 | 321.68        |
| Scenario Average   |                      |            |          | 109.84        |
| <b>Total New Units to Meet Household Growth Needs - 20 years</b> |                      |            |          | <b>109.84</b> |

**Component E: Housing units and rental vacancy rate**

The following table calculates the number of new homes required to restore local vacancy rates to 3% according to provincial guidelines. Please note that in jurisdictions without vacancy rate data, the calculator will default to the provincial vacancy rate, following provincial guidance.

**Table 11**

The following table shows the difference between the existing total number of rental homes and the total number of rental homes required for a 3% vacancy rate (Steps 1-4).

| Chetwynd DM (CSD, BC)  |              |               |                   |                           |
|--|--------------|---------------|-------------------|---------------------------|
|  | Vacancy Rate | Occupied Rate | Renter Households | Estimated Number of Units |
| Target Vacancy Rate  | 3.00%        | 97.00%        |                   | 371.13                    |
| Local Vacancy Rate   | 1.40%        | 98.60%        | 360               | 365.11                    |
| <b>Total New Units to Achieve 3% Vacancy Rate - 20 years</b> |              |               |                   | <b>6.02</b>               |

## Component F: Housing units and demand (the “demand buffer”)

The demand factor is a multiplier used to calculate additional local housing demand (or "demand buffer"), determined by the province.

Table 12

The following table calculates additional demand for new housing by applying your demand factor to the total of the other relevant components, according to provincial guidelines (Steps 1 and 2).

EXPORT

| Chetwynd DM (CSD, BC)                                      |               |
|--|---------------|
| Component  | Result        |
| A. Extreme Core Housing Need                               | 10.16         |
| B. Persons Experiencing Homelessness                       | 12.72         |
| C. Suppressed Household Formation                          | 79.89         |
| E. Rental Vacancy Rate Adjustment                          | 6.02          |
| <b>Total</b>   | <b>108.80</b> |
| Demand Factor  | 0.85          |
| <b>Total New Units to Address Demand Buffer - 20 years</b> | <b>92.47</b>  |

## Total 5-year and 20-year housing need

Table 13

The following table sums Components A-F and rounds the totals to the nearest whole number to determine the total number of new homes needed in the next 20 years, according to provincial guidelines. It also displays 5-year housing need estimates using the multipliers provided in the provincial guidelines and BC Stats household projections from 2021 to 2026.

EXPORT

| Chetwynd DM (CSD, BC)                |             |              |
|--------------------------------------|-------------|--------------|
| Component                            | 5 Year Need | 20 Year Need |
| A. Extreme Core Housing Need         | 2.54        | 10.16        |
| B. Persons Experiencing Homelessness | 6.36        | 12.72        |
| C. Suppressed Household Formation    | 19.97       | 79.89        |
| D. Anticipated Growth                | 29.60       | 109.84       |
| E. Rental Vacancy Rate Adjustment    | 1.51        | 6.02         |
| F. Additional Local Demand           | 23.12       | 92.47        |
| <b>Total New Units - 5 years</b>     | <b>83</b>   |              |
| <b>Total New Units - 20 years</b>    |             | <b>311</b>   |

The HNA Calculator was created by the Housing Assessment Resource Tools (HART) project in collaboration with Licker Geospatial Consulting.



Housing Assessment  
Resource Tools  
(HART)



Licker  
Geospatial  
Consulting

## Calculating 20-year housing need

The following tables calculate 20-year and 5-year housing need according to provincial guidelines. Each table follows these guidelines exactly with the intention that the tables can be directly included in the required interim housing needs report (or included as an addendum to an existing housing needs report).

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- *A note on rounding: per provincial guidelines, the figures in Components A-F are not rounded and are shown to two decimal places. Total housing need is rounded in Table 13 to the nearest whole number, per guidelines.*

## Component A: Extreme core housing need calculation

The following tables calculate the new homes required to meet existing Extreme Core Housing Need (ECHN) according to provincial guidelines.

**Table 1a**

The following table shows total owner and renter households in the four previous census years (Step 1).

| Dawson Creek CY (CSD, BC) |       |       |       |       |
|---------------------------|-------|-------|-------|-------|
| Total Households          | 2006  | 2011  | 2016  | 2021  |
| Owners                    | 3,060 | 3,115 | 3,050 | 3,150 |
| Renters                   | 1,590 | 1,745 | 1,985 | 2,260 |

**Table 1b**

The following table shows the total number and proportion of owners with a mortgage and renter households in ECHN in the four previous census years, to arrive at an average ECHN rate (Step 2).

Please note that data for owners with a mortgage is only available for 2021.

| Dawson Creek CY (CSD, BC) |      |            |      |            |      |            |      |            |                   |
|---------------------------|------|------------|------|------------|------|------------|------|------------|-------------------|
| Extreme Core Housing Need | 2006 |            | 2011 |            | 2016 |            | 2021 |            | Average ECHN Rate |
|                           | #    | % of total |                   |
| Owners with a mortgage    | n/a  | n/a        | n/a  | n/a        | n/a  | n/a        | 30   | 0.95%      | 0.95%             |
| Renters                   | 170  | 10.69%     | 205  | 11.75%     | 250  | 12.59%     | 100  | 4.42%      | 9.86%             |

**Table 2**

The following table shows the estimated total of owners with a mortgage and renter households in ECHN in 2021 (Steps 3 and 4).

| Dawson Creek CY (CSD, BC)                      |                 |                   |                    |
|--|-----------------|-------------------|--------------------|
| Total Households                               | 2021 Households | Average ECHN Rate | Households in ECHN |
| Owners   |                 | n/a               | n/a                |
| Owners with a mortgage                         | 3,150           | 0.95%             | 30.00              |
| Renters  | 2,260           | 9.86%             | 222.94             |
| <b>Total New Units to Meet ECHN - 20 years</b> |                 |                   | <b>252.94</b>      |

## Component B: Housing units and homelessness

The following table calculates the number of new homes required to meet the needs of the existing population of people experiencing homelessness (PEH), according to provincial guidelines.

**Table 3**

The following table shows the estimated number of homes required to meet the need of existing PEH households as a proportion of the regional need (Steps 1-3).

| Dawson Creek CY (CSD, BC)                               |                  |             |              |                        |
|---|------------------|-------------|--------------|------------------------|
| Regional Population                                     | Local Population |             | Regional PEH | Proportional Local PEH |
|   | #                | % of region |              |                        |
| 64,725  | 12,070           | 18.65%      | 362          | 67.51                  |
| <b>Total New Units to Homelessness Needs - 20 years</b> |                  |             |              | <b>67.51</b>           |

## Component C: Housing units and suppressed household formation

The following tables calculate the number of new homes required to meet the demand from households unable to form due to a constrained housing environment, since 2006, according to provincial guidelines.

**Table 4a**

The following table shows the number of owner and renter households in 2006 by age of the primary household maintainer (Step 1).

| Dawson Creek CY (CSD, BC)                          |                 |        |
|--|-----------------|--------|
| Age - Primary Household Maintainer 2006 Categories | 2006 Households |        |
|  | Owner           | Renter |
| Under 25 years                                     | 105             | 225    |
| 25 to 34 years                                     | 425             | 355    |
| 35 to 44 years                                     | 770             | 220    |
| 45 to 54 years                                     | 665             | 300    |
| 55 to 64 years                                     | 465             | 180    |
| 65 to 74 years                                     | 380             | 110    |
| 75 years and over                                  | 245             | 205    |

**Table 4b**

The following table shows the number of owner and renter households in 2021 by age of the primary household maintainer (Step 1, cont'd).

| Dawson Creek CY (CSD, BC)                          |                 |        |
|--|-----------------|--------|
| Age - Primary Household Maintainer 2021 Categories | 2021 Households |        |
|  | Owner           | Renter |
| 15 to 24 years                                     | 120             | 265    |
| 25 to 34 years                                     | 490             | 630    |
| 35 to 44 years                                     | 560             | 395    |
| 45 to 54 years                                     | 570             | 265    |
| 55 to 64 years                                     | 645             | 285    |
| 65 to 74 years                                     | 445             | 215    |
| 75 to 84 years                                     | 210             | 140    |
| 85 years and over                                  | 95              | 70     |

**Table 5**

The following table shows the population by age category in 2006 and 2021 (Step 2).

| Dawson Creek CY (CSD, BC)              |                             |                |                   |                |                   |
|--|-----------------------------|----------------|-------------------|----------------|-------------------|
|  |                             | 2006           |                   | 2021           |                   |
| Age Categories – Household Maintainers | Age Categories – Population | All Categories | Summed Categories | All Categories | Summed Categories |
| 15 to 24 years                         | 15 to 19 years              | 795            |                   | 685            |                   |
|  | 20 to 24 years              | 895            | 1,690             | 875            | 1,560             |
| 25 to 34 years                         | 25 to 29 years              | 745            |                   | 1,020          |                   |
|  | 30 to 34 years              | 680            | 1,425             | 1,060          | 2,080             |
| 35 to 44 years                         | 35 to 39 years              | 750            |                   | 945            |                   |
|  | 40 to 44 years              | 880            | 1,630             | 770            | 1,715             |
| 45 to 54 years                         | 45 to 49 years              | 870            |                   | 700            |                   |
|  | 50 to 54 years              | 715            | 1,585             | 680            | 1,380             |
| 55 to 64 years                         | 55 to 59 years              | 595            |                   | 765            |                   |
|  | 60 to 64 years              | 425            | 1,020             | 665            | 1,430             |
| 65 to 74 years                         | 65 to 69 years              | 350            |                   | 525            |                   |
|  | 70 to 74 years              | 350            | 700               | 420            | 945               |
| 75 years and over                      | 75 to 79 years              | 230            |                   | 270            |                   |
|  | 80 to 84 years              | 225            |                   | 190            |                   |
|  | 85 years and over           | 105            | 560               | 185            | 645               |

**Table 6**

The following table shows the 2006 headship rate of each age category for both renters and owners (Step 3).

| Dawson Creek CY (CSD, BC)              |                 |        |       |                    |        |
|--|-----------------|--------|-------|--------------------|--------|
| Age Categories – Household Maintainers | 2006 Population |        |       | 2006 Headship Rate |        |
|  | Own             | Renter | Total | Own                | Renter |
| 15 to 24 years                         | 105             | 225    | 1,690 | 6.21%              | 13.31% |
| 25 to 34 years                         | 425             | 355    | 1,425 | 29.82%             | 24.91% |
| 35 to 44 years                         | 770             | 220    | 1,630 | 47.24%             | 13.50% |
| 45 to 54 years                         | 665             | 300    | 1,585 | 41.96%             | 18.93% |
| 55 to 64 years                         | 465             | 180    | 1,020 | 45.59%             | 17.65% |
| 65 to 74 years                         | 380             | 110    | 700   | 54.29%             | 15.71% |
| 75 years and over                      | 245             | 205    | 560   | 43.75%             | 36.61% |

**Table 7**

The following table shows the potential 2021 headship rate of each age category for both renters and owners if the headship rate from 2006 remained constant (Step 4).

| Dawson Creek CY (CSD, BC)              |                    |        |                 |                           |                          |
|--|--------------------|--------|-----------------|---------------------------|--------------------------|
| Age Categories – Household Maintainers | 2006 Headship Rate |        | 2021 Population | 2021 Potential Households |                          |
|  | Owner              | Renter |                 | Owner                     | Renter                   |
| 15 to 24 years                         | 6.21%              | 13.31% | 1,560           | 96.92                     | 207.69 <sup>518.18</sup> |
| 25 to 34 years                         | 29.82%             | 24.91% | 2,080           | 620.35                    | 231.47                   |
| 35 to 44 years                         | 47.24%             | 13.50% | 1,715           | 810.15 <sup>578.99</sup>  |                          |
| 45 to 54 years                         | 41.96%             | 18.93% | 1,380           |                           | 261.20                   |
| 55 to 64 years                         | 45.59%             | 17.65% | 1,430           | 651.91                    | 252.35                   |
| 65 to 74 years                         | 54.29%             | 15.71% | 945             | 513.00                    | 148.50                   |
| 75 years and over                      | 43.75%             | 36.61% | 645             | 282.19                    | 236.12                   |

**Table 8**

The following table calculates the number of suppressed households by subtracting actual households in 2021 from potential households in 2021 by age category, according to provincial guidelines (Steps 5 and 6).

| Dawson Creek CY (CSD, BC)   |                           |        |                 |        |                            |         |               |
|---|---------------------------|--------|-----------------|--------|----------------------------|---------|---------------|
| Age Categories - Household Maintainers                            | 2021 Potential Households |        | 2021 Households |        | 2021 Suppressed Households |         | Total         |
|   | Owner                     | Renter | Owner           | Renter | Owner                      | Renter  |               |
| 15 to 24 years  | 96.92                     | 207.69 | 120             | 265    | -23.08                     | -57.31  | 0.00          |
| 25 to 34 years  | 620.35                    | 518.18 | 490             | 630    | 130.35                     | -111.82 | 18.53         |
| 35 to 44 years  | 810.15                    | 231.47 | 560             | 395    | 250.15                     | -163.53 | 86.63         |
| 45 to 54 years  | 578.99                    | 261.20 | 570             | 265    | 8.99                       | -3.80   | 5.19          |
| 55 to 64 years  | 651.91                    | 252.35 | 645             | 285    | 6.91                       | -32.65  | 0.00          |
| 65 to 74 years  | 513.00                    | 148.50 | 445             | 215    | 68.00                      | -66.50  | 1.50          |
| 75 years and over   | 282.19                    | 236.12 | 305             | 210    | -22.81                     | 26.12   | 3.30          |
| <b>Total New Units to Meet Suppressed Housing Need - 20 years</b> |                           |        |                 |        |                            |         | <b>115.14</b> |

**Component D: Housing units and anticipated household growth**

The following tables calculates the number of new homes required to accommodate an increasing population over 20 years according to provincial guidelines.

**Table 9**

The following table shows the 20-year population projection and growth rate for your regional district (Step 1).

| Dawson Creek CY (CSD, BC)     |        |        |                      |
|-------------------------------|--------|--------|----------------------|
| Regional District Projections | 2021   | 2041   | Regional Growth Rate |
| Households                    | 24,900 | 32,950 | 32.33%               |

**Table 10**

The following table shows the calculated number of new homes needed in the next 20 years according to the provincial guidelines, calculated with the average of the municipal and regional growth projections (Steps 2-5).

| Dawson Creek CY (CSD, BC)  |                      |            |          |                 |
|--|----------------------|------------|----------|-----------------|
| Growth Scenarios   | Regional Growth Rate | Households |          | New Units       |
|  |                      | 2021       | 2041     |                 |
| Local Household Growth   | n/a                  | 5,405      | 5,965.00 | 560.00          |
| Regionally Based Household Growth                                | 32.33%               | 5,405      | 7,152.40 | 1,747.40        |
| Scenario Average   |                      |            |          | 1,153.70        |
| <b>Total New Units to Meet Household Growth Needs - 20 years</b> |                      |            |          | <b>1,153.70</b> |

**Component E: Housing units and rental vacancy rate**

The following table calculates the number of new homes required to restore local vacancy rates to 3% according to provincial guidelines. Please note that in jurisdictions without vacancy rate data, the calculator will default to the provincial vacancy rate, following provincial guidance.

**Table 11**

The following table shows the difference between the existing total number of rental homes and the total number of rental homes required for a 3% vacancy rate (Steps 1-4).

| Dawson Creek CY (CSD, BC)                                    |              |               |                   |                           |
|--|--------------|---------------|-------------------|---------------------------|
|  | Vacancy Rate | Occupied Rate | Renter Households | Estimated Number of Units |
| Target Vacancy Rate  | 3.00%        | 97.00%        |                   | 2,329.90                  |
| Local Vacancy Rate   | 9.80%        | 97.00%        | 2,260             | 2,329.90                  |
| <b>Total New Units to Achieve 3% Vacancy Rate - 20 years</b> |              |               |                   | <b>0.00</b>               |

## Component F: Housing units and demand (the “demand buffer”)

The demand factor is a multiplier used to calculate additional local housing demand (or "demand buffer"), determined by the province.

Table 12

The following table calculates additional demand for new housing by applying your demand factor to the total of the other relevant components, according to provincial guidelines (Steps 1 and 2).

EXPORT

| Dawson Creek CY (CSD, BC)                                  |               |
|--|---------------|
| Component  | Result        |
| A. Extreme Core Housing Need                               | 252.94        |
| B. Persons Experiencing Homelessness                       | 67.51         |
| C. Suppressed Household Formation                          | 115.14        |
| E. Rental Vacancy Rate Adjustment                          | 0.00          |
| <b>Total</b>   | <b>435.59</b> |
| Demand Factor  | 0.75          |
| <b>Total New Units to Address Demand Buffer - 20 years</b> | <b>326.43</b> |

## Total 5-year and 20-year housing need

Table 13

The following table sums Components A-F and rounds the totals to the nearest whole number to determine the total number of new homes needed in the next 20 years, according to provincial guidelines. It also displays 5-year housing need estimates using the multipliers provided in the provincial guidelines and BC Stats household projections from 2021 to 2026.

EXPORT

| Dawson Creek CY (CSD, BC)            |             |              |
|--------------------------------------|-------------|--------------|
| Component                            | 5 Year Need | 20 Year Need |
| A. Extreme Core Housing Need         | 63.24       | 252.94       |
| B. Persons Experiencing Homelessness | 33.75       | 67.51        |
| C. Suppressed Household Formation    | 28.79       | 115.14       |
| D. Anticipated Growth                | 275.62      | 1,153.70     |
| E. Rental Vacancy Rate Adjustment    | 0.00        | 0.00         |
| F. Additional Local Demand           | 81.61       | 326.43       |
| <b>Total New Units - 5 years</b>     | <b>483</b>  |              |
| <b>Total New Units - 20 years</b>    |             | <b>1,916</b> |

The HNA Calculator was created by the Housing Assessment Resource Tools (HART) project in collaboration with Licker Geospatial Consulting.



Housing Assessment  
Resource Tools  
(HART)



Licker  
Geospatial  
Consulting

## Calculating 20-year housing need

The following tables calculate 20-year and 5-year housing need according to provincial guidelines. Each table follows these guidelines exactly with the intention that the tables can be directly included in the required interim housing needs report (or included as an addendum to an existing housing needs report).

HART has produced this calculator to support communities in British Columbia satisfy a provincial requirement for interim housing needs reports. Methodologies for housing needs reports can vary widely, and while HART supports the standardization of methodologies for the purpose of provincial or national reporting, we did not have a role in developing the methodology, nor do we unequivocally endorse it. You can learn more about the HART methodology and what it can tell you about your community on our [Housing Needs Assessment Tool page](#).

- *A note on terminology: we use the term RDA, where the province uses the term Electoral Area. For all intents and purposes, these are interchangeable in the calculator.*
- *A note on rounding: per provincial guidelines, the figures in Components A-F are not rounded and are shown to two decimal places. Total housing need is rounded in Table 13 to the nearest whole number, per guidelines.*

## Component A: Extreme core housing need calculation

The following tables calculate the new homes required to meet existing Extreme Core Housing Need (ECHN) according to provincial guidelines.

**Table 1a**

The following table shows total owner and renter households in the four previous census years (Step 1).

| Hudson's Hope DM (CSD, BC) |      |      |      |      |
|----------------------------|------|------|------|------|
| Total Households           | 2006 | 2011 | 2016 | 2021 |
| Owners                     | 335  | 305  | 350  | 300  |
| Renters                    | 85   | 115  | 100  | 80   |

**Table 1b**

The following table shows the total number and proportion of owners with a mortgage and renter households in ECHN in the four previous census years, to arrive at an average ECHN rate (Step 2).

Please note that data for owners with a mortgage is only available for 2021.

| Hudson's Hope DM (CSD, BC) |      |            |      |            |      |            |      |            |                   |
|----------------------------|------|------------|------|------------|------|------------|------|------------|-------------------|
| Extreme Core Housing Need  | 2006 |            | 2011 |            | 2016 |            | 2021 |            | Average ECHN Rate |
|                            | #    | % of total |                   |
| Owners with a mortgage     |      | n/a        |      | n/a        |      | n/a        | 0    | 0.00%      | 0.00%             |
| Renters                    | 10   | 11.76%     | 0    | 0.00%      | 10   | 10.00%     | 0    | 0.00%      | 5.44%             |

**Table 2**

The following table shows the estimated total of owners with a mortgage and renter households in ECHN in 2021 (Steps 3 and 4).

| Hudson's Hope DM (CSD, BC)                     |                 |                   |                    |
|--|-----------------|-------------------|--------------------|
| Total Households                               | 2021 Households | Average ECHN Rate | Households in ECHN |
| Owners   |                 | n/a               | n/a                |
| Owners with a mortgage                         | 300             | 0.00%             | 0.00               |
| Renters  | 80              | 5.44%             | 4.35               |
| <b>Total New Units to Meet ECHN - 20 years</b> |                 |                   | <b>4.35</b>        |

## Component B: Housing units and homelessness

The following table calculates the number of new homes required to meet the needs of the existing population of people experiencing homelessness (PEH), according to provincial guidelines.

**Table 3**

The following table shows the estimated number of homes required to meet the need of existing PEH households as a proportion of the regional need (Steps 1-3).

| Hudson's Hope DM (CSD, BC)                              |                  |             |              |                        |
|---|------------------|-------------|--------------|------------------------|
| Regional Population                                     | Local Population |             | Regional PEH | Proportional Local PEH |
|   | #                | % of region |              |                        |
| 64,725  | 790              | 1.22%       | 362          | 4.42                   |
| <b>Total New Units to Homelessness Needs - 20 years</b> |                  |             |              | <b>4.42</b>            |

## Component C: Housing units and suppressed household formation

The following tables calculate the number of new homes required to meet the demand from households unable to form due to a constrained housing environment, since 2006, according to provincial guidelines.

**Table 4a**

The following table shows the number of owner and renter households in 2006 by age of the primary household maintainer (Step 1).

| Hudson's Hope DM (CSD, BC)                         |                 |        |
|--|-----------------|--------|
| Age - Primary Household Maintainer 2006 Categories | 2006 Households |        |
|  | Owner           | Renter |
| Under 25 years                                     | 10              | 0      |
| 25 to 34 years                                     | 30              | 20     |
| 35 to 44 years                                     | 25              | 10     |
| 45 to 54 years                                     | 90              | 30     |
| 55 to 64 years                                     | 105             | 15     |
| 65 to 74 years                                     | 65              | 0      |
| 75 years and over                                  | 15              | 0      |

**Table 4b**

The following table shows the number of owner and renter households in 2021 by age of the primary household maintainer (Step 1, cont'd).

| Hudson's Hope DM (CSD, BC)                         |                 |        |
|--|-----------------|--------|
| Age - Primary Household Maintainer 2021 Categories | 2021 Households |        |
|  | Owner           | Renter |
| 15 to 24 years                                     | 0               | 10     |
| 25 to 34 years                                     | 20              | 10     |
| 35 to 44 years                                     | 50              | 10     |
| 45 to 54 years                                     | 40              | 0      |
| 55 to 64 years                                     | 70              | 0      |
| 65 to 74 years                                     | 75              | 15     |
| 75 to 84 years                                     | 30              | 15     |
| 85 years and over                                  | 10              | 0      |

**Table 5**

The following table shows the population by age category in 2006 and 2021 (Step 2).

| Hudson's Hope DM (CSD, BC)             |                             |                |                   |                |                   |
|--|-----------------------------|----------------|-------------------|----------------|-------------------|
|  |                             | 2006           |                   | 2021           |                   |
| Age Categories – Household Maintainers | Age Categories – Population | All Categories | Summed Categories | All Categories | Summed Categories |
| 15 to 24 years                         | 15 to 19 years              | 70             |                   | 25             |                   |
|  | 20 to 24 years              | 60             | 130               | 45             | 70                |
| 25 to 34 years                         | 25 to 29 years              | 55             |                   | 15             |                   |
|  | 30 to 34 years              | 15             | 70                | 30             | 45                |
| 35 to 44 years                         | 35 to 39 years              | 80             |                   | 60             |                   |
|  | 40 to 44 years              | 60             | 140               | 50             | 110               |
| 45 to 54 years                         | 45 to 49 years              | 70             |                   | 25             |                   |
|  | 50 to 54 years              | 100            | 170               | 50             | 75                |
| 55 to 64 years                         | 55 to 59 years              | 120            |                   | 65             |                   |
|  | 60 to 64 years              | 115            | 235               | 75             | 140               |
| 65 to 74 years                         | 65 to 69 years              | 50             |                   | 75             |                   |
|  | 70 to 74 years              | 35             | 85                | 65             | 140               |
| 75 years and over                      | 75 to 79 years              | 20             |                   | 40             |                   |
|  | 80 to 84 years              | 15             |                   | 35             |                   |
|  | 85 years and over           | 10             | 45                | 10             | 85                |

**Table 6**

The following table shows the 2006 headship rate of each age category for both renters and owners (Step 3).

| Hudson's Hope DM (CSD, BC)             |                 |        |                 |                    |        |        |
|--|-----------------|--------|-----------------|--------------------|--------|--------|
| Age Categories – Household Maintainers | 2006 Households |        | 2006 Population | 2006 Headship Rate |        |        |
|  | Owner           | Renter | Total           | Owner              | Renter | Total  |
| 15 to 24 years                         | 10              | 0      | 130             | 7.69%              | 0.00%  | 7.69%  |
| 25 to 34 years                         | 30              | 20     | 70              | 42.86%             | 28.57% | 42.86% |
| 35 to 44 years                         | 25              | 10     | 140             | 17.86%             | 7.14%  | 17.86% |
| 45 to 54 years                         | 105             | 30     | 170             | 52.94%             | 17.65% | 52.94% |
| 55 to 64 years                         | 65              |        | 235             | 44.68%             | 6.38%  | 44.68% |
| 65 to 74 years                         | 15              | 0      | 85              | 33.33%             | 0.00%  | 33.33% |
| 75 years and over                      |                 |        |                 |                    |        |        |

**Table 7**

The following table shows the potential 2021 headship rate of each age category for both renters and owners if the headship rate from 2006 remained constant (Step 4).

| Hudson's Hope DM (CSD, BC)             |                    |        |                 |                           |        |
|--|--------------------|--------|-----------------|---------------------------|--------|
| Age Categories – Household Maintainers | 2006 Headship Rate |        | 2021 Population | 2021 Potential Households |        |
|  | Owner              | Renter | Total           | Owner                     | Renter |
| 15 to 24 years                         | 7.69%              | 0.00%  | 70              | 5.38                      | 0.00   |
| 25 to 34 years                         | 42.86%             | 28.57% | 45              | 19.29                     | 12.86  |
| 35 to 44 years                         | 17.86%             | 7.14%  | 110             | 19.64                     | 7.86   |
| 45 to 54 years                         | 52.94%             | 17.65% | 75              | 39.71                     | 13.24  |
| 55 to 64 years                         | 44.68%             | 6.38%  | 140             | 62.55                     | 8.94   |
| 65 to 74 years                         | 76.47%             | 0.00%  | 140             | 107.06                    | 0.00   |
| 75 years and over                      | 33.33%             | 0.00%  | 85              | 28.33                     | 0.00   |

**Table 8**

The following table calculates the number of suppressed households by subtracting actual households in 2021 from potential households in 2021 by age category, according to provincial guidelines (Steps 5 and 6).

| Hudson's Hope DM (CSD, BC)  |                           |        |                 |        |                            |        |              |
|---|---------------------------|--------|-----------------|--------|----------------------------|--------|--------------|
| Age Categories - Household Maintainers                            | 2021 Potential Households |        | 2021 Households |        | 2021 Suppressed Households |        | Total        |
|   | Owner                     | Renter | Owner           | Renter | Owner                      | Renter |              |
| 15 to 24 years  | 5.38                      | 0.00   | 0               | 10     | 5.38                       | -10.00 | 0.00         |
| 25 to 34 years  | 19.29                     | 12.86  | 20              | 10     | -0.71                      | 2.86   | 2.14         |
| 35 to 44 years  | 19.64                     | 7.86   | 50              | 10     | -30.36                     | -2.14  | 0.00         |
| 45 to 54 years  | 39.71                     | 13.24  | 40              | 0      | -0.29                      | 13.24  | 12.94        |
| 55 to 64 years  | 62.55                     | 8.94   | 70              | 0      | -7.45                      | 8.94   | 1.49         |
| 65 to 74 years  | 107.06                    | 0.00   | 75              | 15     | 32.06                      | -15.00 | 17.06        |
| 75 years and over   | 28.33                     | 0.00   | 40              | 15     | -11.67                     | -15.00 | 0.00         |
| <b>Total New Units to Meet Suppressed Housing Need - 20 years</b> |                           |        |                 |        |                            |        | <b>33.63</b> |

**Component D: Housing units and anticipated household growth**

The following tables calculates the number of new homes required to accommodate an increasing population over 20 years according to provincial guidelines.

**Table 9**

The following table shows the 20-year population projection and growth rate for your regional district (Step 1).

| Hudson's Hope DM (CSD, BC)    |        |        |                      |
|-------------------------------|--------|--------|----------------------|
| Regional District Projections | 2021   | 2041   | Regional Growth Rate |
| Households                    | 24,900 | 32,950 | 32.33%               |

**Table 10**

The following table shows the calculated number of new homes needed in the next 20 years according to the provincial guidelines, calculated with the average of the municipal and regional growth projections (Steps 2-5).

| Hudson's Hope DM (CSD, BC)                                       |                      |            |        |              |
|--|----------------------|------------|--------|--------------|
| Growth Scenarios   | Regional Growth Rate | Households |        | New Units    |
|  |                      | 2021       | 2041   |              |
| Local Household Growth   | n/a                  | 380        | 379.00 | -1.00        |
| Regionally Based Household Growth                                | 32.33%               | 380        | 502.85 | 122.85       |
| Scenario Average   |                      |            |        | 60.93        |
| <b>Total New Units to Meet Household Growth Needs - 20 years</b> |                      |            |        | <b>60.93</b> |

**Component E: Housing units and rental vacancy rate**

The following table calculates the number of new homes required to restore local vacancy rates to 3% according to provincial guidelines. Please note that in jurisdictions without vacancy rate data, the calculator will default to the provincial vacancy rate, following provincial guidance.

**Table 11**

The following table shows the difference between the existing total number of rental homes and the total number of rental homes required for a 3% vacancy rate (Steps 1-4).

| Hudson's Hope DM (CSD, BC)                                   |              |               |                   |                           |
|--|--------------|---------------|-------------------|---------------------------|
|  | Vacancy Rate | Occupied Rate | Renter Households | Estimated Number of Units |
| Target Vacancy Rate  | 3.00%        | 97.00%        |                   | 82.47                     |
| Local Vacancy Rate   | 1.40%        | 98.60%        | 80                | 81.14                     |
| <b>Total New Units to Achieve 3% Vacancy Rate - 20 years</b> |              |               |                   | <b>1.34</b>               |

## Component F: Housing units and demand (the “demand buffer”)

The demand factor is a multiplier used to calculate additional local housing demand (or "demand buffer"), determined by the province.

Table 12

The following table calculates additional demand for new housing by applying your demand factor to the total of the other relevant components, according to provincial guidelines (Steps 1 and 2).

EXPORT

| Hudson's Hope DM (CSD, BC)                                 |              |
|--|--------------|
| Component  | Result       |
| A. Extreme Core Housing Need                               | 4.35         |
| B. Persons Experiencing Homelessness                       | 4.42         |
| C. Suppressed Household Formation                          | 33.63        |
| E. Rental Vacancy Rate Adjustment                          | 1.34         |
| <b>Total</b>   | <b>43.74</b> |
| Demand Factor  | 1.45         |
| <b>Total New Units to Address Demand Buffer - 20 years</b> | <b>63.64</b> |

## Total 5-year and 20-year housing need

Table 13

The following table sums Components A-F and rounds the totals to the nearest whole number to determine the total number of new homes needed in the next 20 years, according to provincial guidelines. It also displays 5-year housing need estimates using the multipliers provided in the provincial guidelines and BC Stats household projections from 2021 to 2026.

EXPORT

| Hudson's Hope DM (CSD, BC)           |             |              |
|--------------------------------------|-------------|--------------|
| Component                            | 5 Year Need | 20 Year Need |
| A. Extreme Core Housing Need         | 1.09        | 4.35         |
| B. Persons Experiencing Homelessness | 2.21        | 4.42         |
| C. Suppressed Household Formation    | 8.41        | 33.63        |
| D. Anticipated Growth                | 23.12       | 60.93        |
| E. Rental Vacancy Rate Adjustment    | 0.34        | 1.34         |
| F. Additional Local Demand           | 15.91       | 63.64        |
| <b>Total New Units - 5 years</b>     | <b>51</b>   |              |
| <b>Total New Units - 20 years</b>    |             | <b>168</b>   |

The HNA Calculator was created by the Housing Assessment Resource Tools (HART) project in collaboration with Licker Geospatial Consulting.



Housing Assessment  
Resource Tools  
(HART)



Licker  
Geospatial  
Consulting

## Calculating 20-year housing need

The following tables calculate 20-year and 5-year housing need according to provincial guidelines. Each table follows these guidelines exactly with the intention that the tables can be directly included in the required interim housing needs report (or included as an addendum to an existing housing needs report).

HART has produced this calculator to support communities in British Columbia satisfy a provincial requirement for interim housing needs reports. Methodologies for housing needs reports can vary widely, and while HART supports the standardization of methodologies for the purpose of provincial or national reporting, we did not have a role in developing the methodology, nor do we unequivocally endorse it. You can learn more about the HART methodology and what it can tell you about your community on our [Housing Needs Assessment Tool page](#).

- *A note on terminology: we use the term RDA, where the province uses the term Electoral Area. For all intents and purposes, these are interchangeable in the calculator.*
- *A note on rounding: per provincial guidelines, the figures in Components A-F are not rounded and are shown to two decimal places. Total housing need is rounded in Table 13 to the nearest whole number, per guidelines.*

## Component A: Extreme core housing need calculation

The following tables calculate the new homes required to meet existing Extreme Core Housing Need (ECHN) according to provincial guidelines.

**Table 1a**

The following table shows total owner and renter households in the four previous census years (Step 1).

| Pouce Coupe VL (CSD, BC) |      |      |      |      |
|--------------------------|------|------|------|------|
| Total Households         | 2006 | 2011 | 2016 | 2021 |
| Owners                   | 255  | 180  | 285  | 300  |
| Renters                  | 35   | 110  | 55   | 20   |

**Table 1b**

The following table shows the total number and proportion of owners with a mortgage and renter households in ECHN in the four previous census years, to arrive at an average ECHN rate (Step 2).

Please note that data for owners with a mortgage is only available for 2021.

| Pouce Coupe VL (CSD, BC)  |      |            |      |            |      |            |      |            |                   |
|---------------------------|------|------------|------|------------|------|------------|------|------------|-------------------|
| Extreme Core Housing Need | 2006 |            | 2011 |            | 2016 |            | 2021 |            | Average ECHN Rate |
|                           | #    | % of total |                   |
| Owners with a mortgage    |      | n/a        |      | n/a        |      | n/a        | 0    | 0.00%      | 0.00%             |
| Renters                   | 0    | 0.00%      | 0    | 0.00%      | 0    | 0.00%      | 0    | 0.00%      | 0.00%             |

**Table 2**

The following table shows the estimated total of owners with a mortgage and renter households in ECHN in 2021 (Steps 3 and 4).

| Pouce Coupe VL (CSD, BC)                       |                 |                   |                    |
|--|-----------------|-------------------|--------------------|
| Total Households                               | 2021 Households | Average ECHN Rate | Households in ECHN |
| Owners   |                 | n/a               | n/a                |
| Owners with a mortgage                         | 300             | 0.00%             | 0.00               |
| Renters  | 20              | 0.00%             | 0.00               |
| <b>Total New Units to Meet ECHN - 20 years</b> |                 |                   | <b>0.00</b>        |

## Component B: Housing units and homelessness

The following table calculates the number of new homes required to meet the needs of the existing population of people experiencing homelessness (PEH), according to provincial guidelines.

**Table 3**

The following table shows the estimated number of homes required to meet the need of existing PEH households as a proportion of the regional need (Steps 1-3).

| Pouce Coupe VL (CSD, BC)                                |                  |             |              |                        |
|---|------------------|-------------|--------------|------------------------|
| Regional Population                                     | Local Population |             | Regional PEH | Proportional Local PEH |
|   | #                | % of region |              |                        |
| 64,725  | 720              | 1.11%       | 362          | 4.03                   |
| <b>Total New Units to Homelessness Needs - 20 years</b> |                  |             |              | <b>4.03</b>            |

## Component C: Housing units and suppressed household formation

The following tables calculate the number of new homes required to meet the demand from households unable to form due to a constrained housing environment, since 2006, according to provincial guidelines.

**Table 4a**

The following table shows the number of owner and renter households in 2006 by age of the primary household maintainer (Step 1).

| Pouce Coupe VL (CSD, BC)                           |                 |        |
|--|-----------------|--------|
| Age - Primary Household Maintainer 2006 Categories | 2006 Households |        |
|  | Owner           | Renter |
| Under 25 years                                     | 0               | 10     |
| 25 to 34 years                                     | 10              | 0      |
| 35 to 44 years                                     | 60              | 0      |
| 45 to 54 years                                     | 80              | 15     |
| 55 to 64 years                                     | 35              | 0      |
| 65 to 74 years                                     | 25              | 10     |
| 75 years and over                                  | 40              | 0      |

**Table 4b**

The following table shows the number of owner and renter households in 2021 by age of the primary household maintainer (Step 1, cont'd).

| Pouce Coupe VL (CSD, BC)                           |                 |        |
|--|-----------------|--------|
| Age - Primary Household Maintainer 2021 Categories | 2021 Households |        |
|  | Owner           | Renter |
| 15 to 24 years                                     | 0               | 0      |
| 25 to 34 years                                     | 55              | 10     |
| 35 to 44 years                                     | 20              | 0      |
| 45 to 54 years                                     | 55              | 0      |
| 55 to 64 years                                     | 85              | 0      |
| 65 to 74 years                                     | 35              | 0      |
| 75 to 84 years                                     | 30              | 0      |
| 85 years and over                                  | 10              | 0      |

**Table 5**

The following table shows the population by age category in 2006 and 2021 (Step 2).

|  |                             | Pouce Coupe VL (CSD, BC) |                   |                |                   |
|--|-----------------------------|--------------------------|-------------------|----------------|-------------------|
|  |                             | 2006                     |                   | 2021           |                   |
| Age Categories – Household Maintainers | Age Categories – Population | All Categories           | Summed Categories | All Categories | Summed Categories |
| 15 to 24 years                         | 15 to 19 years              | 50                       |                   | 20             |                   |
|  | 20 to 24 years              | 55                       | 105               | 15             | 35                |
| 25 to 34 years                         | 25 to 29 years              | 20                       |                   | 50             |                   |
|  | 30 to 34 years              | 15                       | 35                | 80             | 130               |
| 35 to 44 years                         | 35 to 39 years              | 30                       |                   | 50             |                   |
|  | 40 to 44 years              | 85                       | 115               | 35             | 85                |
| 45 to 54 years                         | 45 to 49 years              | 75                       |                   | 35             |                   |
|  | 50 to 54 years              | 80                       | 155               | 45             | 80                |
| 55 to 64 years                         | 55 to 59 years              | 35                       |                   | 35             |                   |
|  | 60 to 64 years              | 20                       | 55                | 80             | 115               |
| 65 to 74 years                         | 65 to 69 years              | 20                       |                   | 45             |                   |
|  | 70 to 74 years              | 40                       | 60                | 40             | 85                |
| 75 years and over                      | 75 to 79 years              | 10                       |                   | 35             |                   |
|  | 80 to 84 years              | 0                        |                   | 10             |                   |
|  | 85 years and over           | 25                       | 35                | 10             | 55                |

**Table 6**

The following table shows the 2006 headship rate of each age category for both renters and owners (Step 3).

|  |       | Pouce Coupe VL (CSD, BC) |       |                 |                    |  |
|--|-------|--------------------------|-------|-----------------|--------------------|--|
|  |       | 2006 Households          |       | 2006 Population | 2006 Headship Rate |  |
| Age Categories – Household Maintainers | Owner | Renter                   | Total | Owner           | Renter             |  |
| 15 to 24 years                         | 0     | 10                       | 105   | 0.00%           | 9.52%              |  |
| 25 to 34 years                         | 10    | 0                        | 35    | 28.57%          | 0.00%              |  |
| 35 to 44 years                         | 60    | 0                        | 115   | 52.17%          | 0.00%              |  |
| 45 to 54 years                         | 80    | 15                       | 155   | 51.61%          | 9.68%              |  |
| 55 to 64 years                         | 35    | 0                        | 55    | 63.64%          | 0.00%              |  |
| 65 to 74 years                         | 25    | 10                       | 60    | 41.67%          | 16.67%             |  |
| 75 years and over                      | 40    | 0                        | 35    | 114.29%         | 0.00%              |  |

**Table 7**

The following table shows the potential 2021 headship rate of each age category for both renters and owners if the headship rate from 2006 remained constant (Step 4).

|  |         | Pouce Coupe VL (CSD, BC) |       |                 |                           |  |
|--|---------|--------------------------|-------|-----------------|---------------------------|--|
|  |         | 2006 Headship Rate       |       | 2021 Population | 2021 Potential Households |  |
| Age Categories – Household Maintainers | Owner   | Renter                   | Total | Owner           | Renter                    |  |
| 15 to 24 years                         | 0.00%   | 9.52%                    | 35    | 0.00            | 3.33                      |  |
| 25 to 34 years                         | 28.57%  | 0.00%                    | 130   | 37.14           | 0.00                      |  |
| 35 to 44 years                         | 52.17%  | 0.00%                    | 85    | 44.35           | 0.00                      |  |
| 45 to 54 years                         | 51.61%  | 9.68%                    | 80    | 41.29           | 7.74                      |  |
| 55 to 64 years                         | 63.64%  | 0.00%                    | 115   | 73.18           | 0.00                      |  |
| 65 to 74 years                         | 41.67%  | 16.67%                   | 85    | 35.42           | 14.17                     |  |
| 75 years and over                      | 114.29% | 0.00%                    | 55    | 62.86           | 0.00                      |  |

**Table 8**

The following table calculates the number of suppressed households by subtracting actual households in 2021 from potential households in 2021 by age category, according to provincial guidelines (Steps 5 and 6).

| Pouce Coupe VL (CSD, BC)  |                           |        |                 |        |                            |        |              |
|---|---------------------------|--------|-----------------|--------|----------------------------|--------|--------------|
| Age Categories - Household Maintainers                            | 2021 Potential Households |        | 2021 Households |        | 2021 Suppressed Households |        | Total        |
|   | Owner                     | Renter | Owner           | Renter | Owner                      | Renter |              |
| 15 to 24 years  | 0.00                      | 3.33   | 0               | 0      | 0.00                       | 3.33   | 3.33         |
| 25 to 34 years  | 37.14                     | 0.00   | 55              | 10     | -17.86                     | -10.00 | 0.00         |
| 35 to 44 years  | 44.35                     | 0.00   | 20              | 0      | 24.35                      | 0.00   | 24.35        |
| 45 to 54 years  | 41.29                     | 7.74   | 55              | 0      | -13.71                     | 7.74   | 0.00         |
| 55 to 64 years  | 73.18                     | 0.00   | 85              | 0      | -11.82                     | 0.00   | 0.00         |
| 65 to 74 years  | 35.42                     | 14.17  | 35              | 0      | 0.42                       | 14.17  | 14.58        |
| 75 years and over   | 62.86                     | 0.00   | 40              | 0      | 22.86                      | 0.00   | 22.86        |
| <b>Total New Units to Meet Suppressed Housing Need - 20 years</b> |                           |        |                 |        |                            |        | <b>65.12</b> |

**Component D: Housing units and anticipated household growth**

The following tables calculates the number of new homes required to accommodate an increasing population over 20 years according to provincial guidelines.

**Table 9**

The following table shows the 20-year population projection and growth rate for your regional district (Step 1).

| Pouce Coupe VL (CSD, BC)      |        |        |                      |
|-------------------------------|--------|--------|----------------------|
| Regional District Projections | 2021   | 2041   | Regional Growth Rate |
| Households                    | 24,900 | 32,950 | 32.33%               |

**Table 10**

The following table shows the calculated number of new homes needed in the next 20 years according to the provincial guidelines, calculated with the average of the municipal and regional growth projections (Steps 2-5).

| Pouce Coupe VL (CSD, BC)   |                      |            |        |              |
|--|----------------------|------------|--------|--------------|
| Growth Scenarios   | Regional Growth Rate | Households |        | New Units    |
|  |                      | 2021       | 2041   |              |
| Local Household Growth   | n/a                  | 315        | 287.00 | -28.00       |
| Regionally Based Household Growth                                | 32.33%               | 315        | 416.84 | 101.84       |
| Scenario Average   |                      |            |        | 36.92        |
| <b>Total New Units to Meet Household Growth Needs - 20 years</b> |                      |            |        | <b>36.92</b> |

**Component E: Housing units and rental vacancy rate**

The following table calculates the number of new homes required to restore local vacancy rates to 3% according to provincial guidelines. Please note that in jurisdictions without vacancy rate data, the calculator will default to the provincial vacancy rate, following provincial guidance.

**Table 11**

The following table shows the difference between the existing total number of rental homes and the total number of rental homes required for a 3% vacancy rate (Steps 1-4).

| Pouce Coupe VL (CSD, BC)                                     |              |               |                   |                           |
|--|--------------|---------------|-------------------|---------------------------|
|  | Vacancy Rate | Occupied Rate | Renter Households | Estimated Number of Units |
| Target Vacancy Rate  | 3.00%        | 97.00%        |                   | 20.62                     |
| Local Vacancy Rate   | 1.40%        | 98.60%        | 20                | 20.28                     |
| <b>Total New Units to Achieve 3% Vacancy Rate - 20 years</b> |              |               |                   | <b>0.33</b>               |

## Component F: Housing units and demand (the “demand buffer”)

The demand factor is a multiplier used to calculate additional local housing demand (or "demand buffer"), determined by the province.

Table 12

The following table calculates additional demand for new housing by applying your demand factor to the total of the other relevant components, according to provincial guidelines (Steps 1 and 2).

EXPORT

| Pouce Coupe VL (CSD, BC)                                   |               |
|--|---------------|
| Component  | Result        |
| A. Extreme Core Housing Need                               | 0.00          |
| B. Persons Experiencing Homelessness                       | 4.03          |
| C. Suppressed Household Formation                          | 65.12         |
| E. Rental Vacancy Rate Adjustment                          | 0.33          |
| <b>Total</b>   | <b>69.48</b>  |
| Demand Factor  | 1.45          |
| <b>Total New Units to Address Demand Buffer - 20 years</b> | <b>101.09</b> |

## Total 5-year and 20-year housing need

Table 13

The following table sums Components A-F and rounds the totals to the nearest whole number to determine the total number of new homes needed in the next 20 years, according to provincial guidelines. It also displays 5-year housing need estimates using the multipliers provided in the provincial guidelines and BC Stats household projections from 2021 to 2026.

EXPORT

| Pouce Coupe VL (CSD, BC)             |             |              |
|--------------------------------------|-------------|--------------|
| Component                            | 5 Year Need | 20 Year Need |
| A. Extreme Core Housing Need         | 0.00        | 0.00         |
| B. Persons Experiencing Homelessness | 2.01        | 4.03         |
| C. Suppressed Household Formation    | 16.28       | 65.12        |
| D. Anticipated Growth                | 12.54       | 36.92        |
| E. Rental Vacancy Rate Adjustment    | 0.08        | 0.34         |
| F. Additional Local Demand           | 25.27       | 101.09       |
| <b>Total New Units - 5 years</b>     | <b>56</b>   |              |
| <b>Total New Units - 20 years</b>    |             | <b>207</b>   |

The HNA Calculator was created by the Housing Assessment Resource Tools (HART) project in collaboration with Licker Geospatial Consulting.



Housing Assessment  
Resource Tools  
(HART)



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