

# MONITORING STRATEGY

## Monitoring Indicators and Data Overview

Council Meeting  
2024-DEC-16

Ting Pan  
Manager, Sustainability



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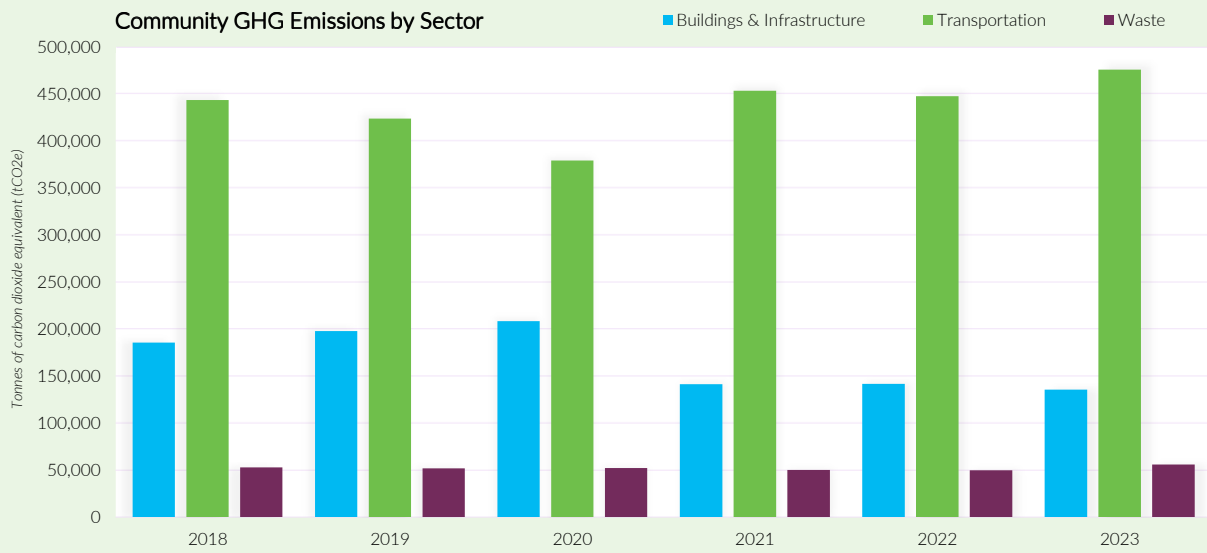
### C1.1 Community GHG Emissions

Total Community GHG Emissions and Targets



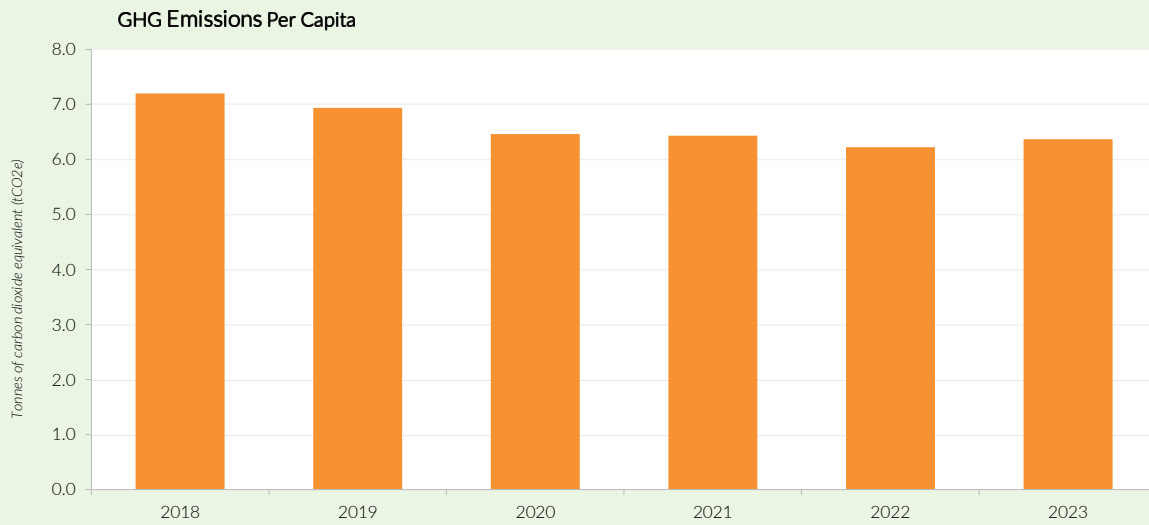
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### C1.1 Community GHG Emissions



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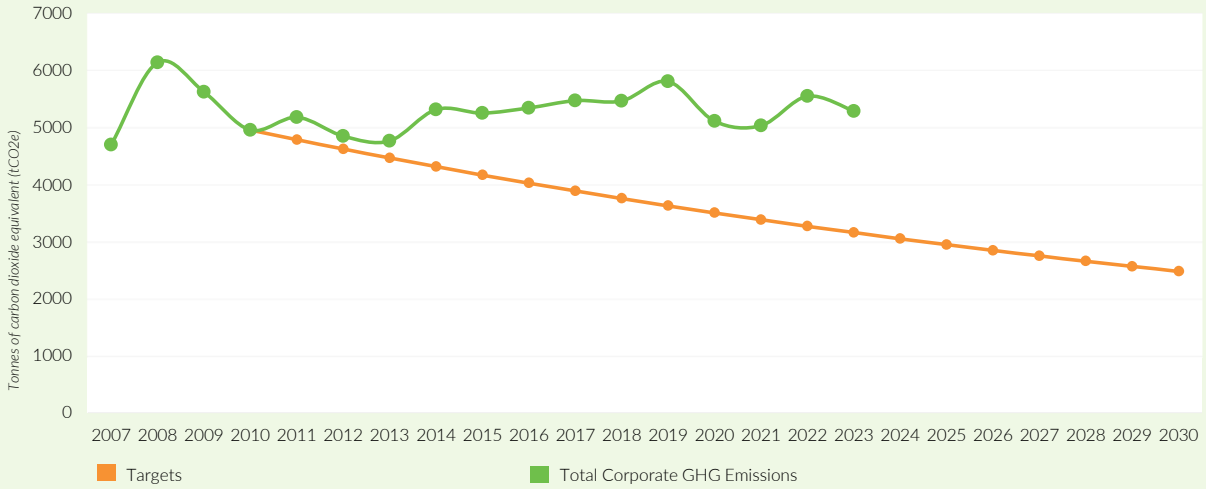
### C1.1 Community GHG Emissions



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### C1.1 Corporate GHG Emissions

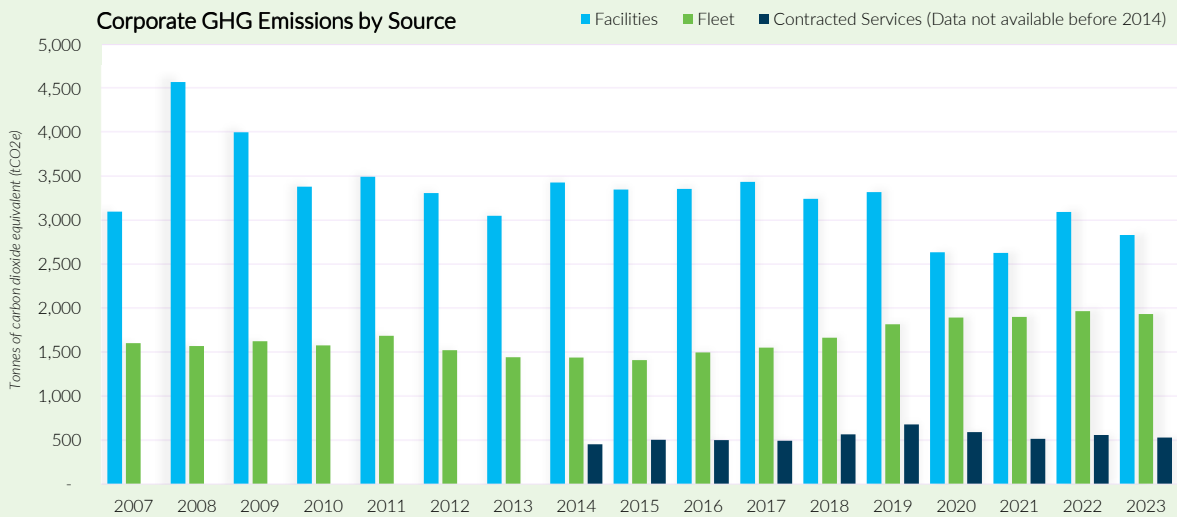
Total Corporate GHG Emissions and Targets



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### C1.1 Corporate GHG Emissions by Source

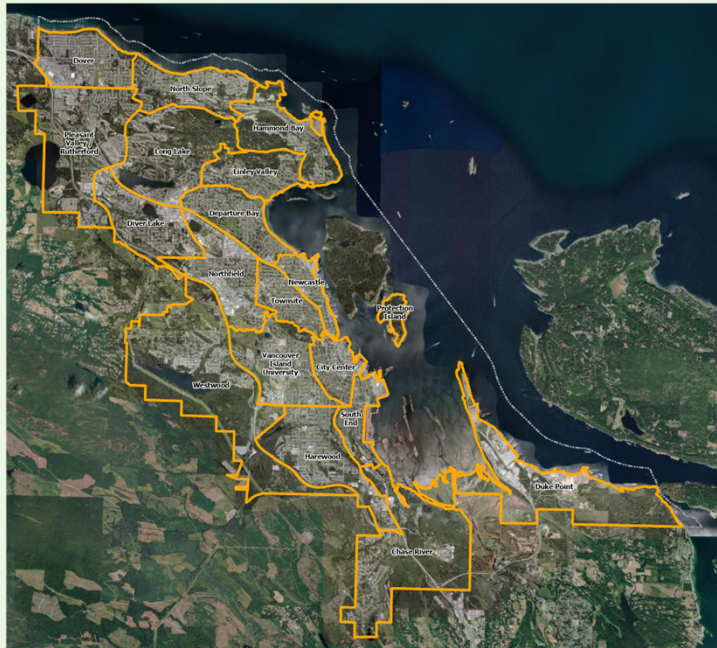
Corporate GHG Emissions by Source



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### C1.2 Tree Canopy

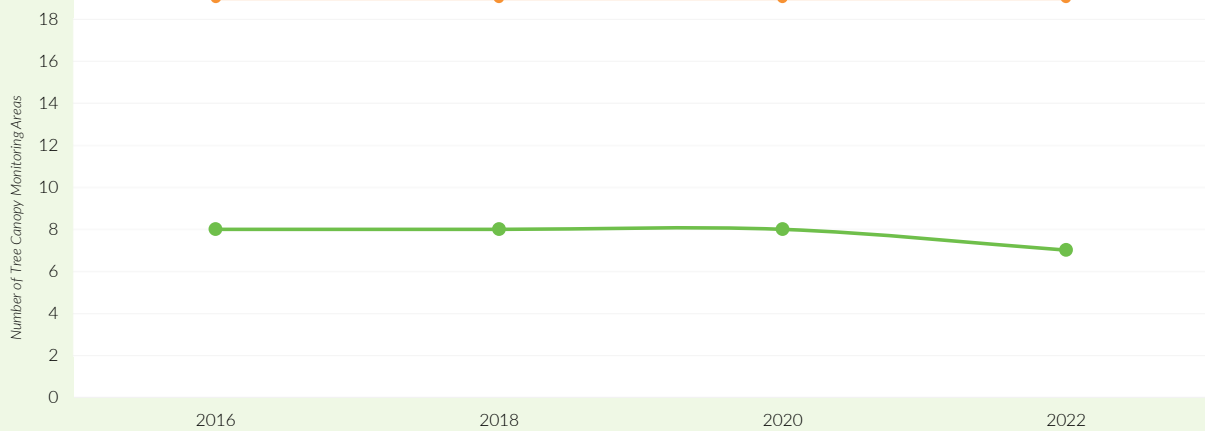
Tree Canopy Monitoring Areas



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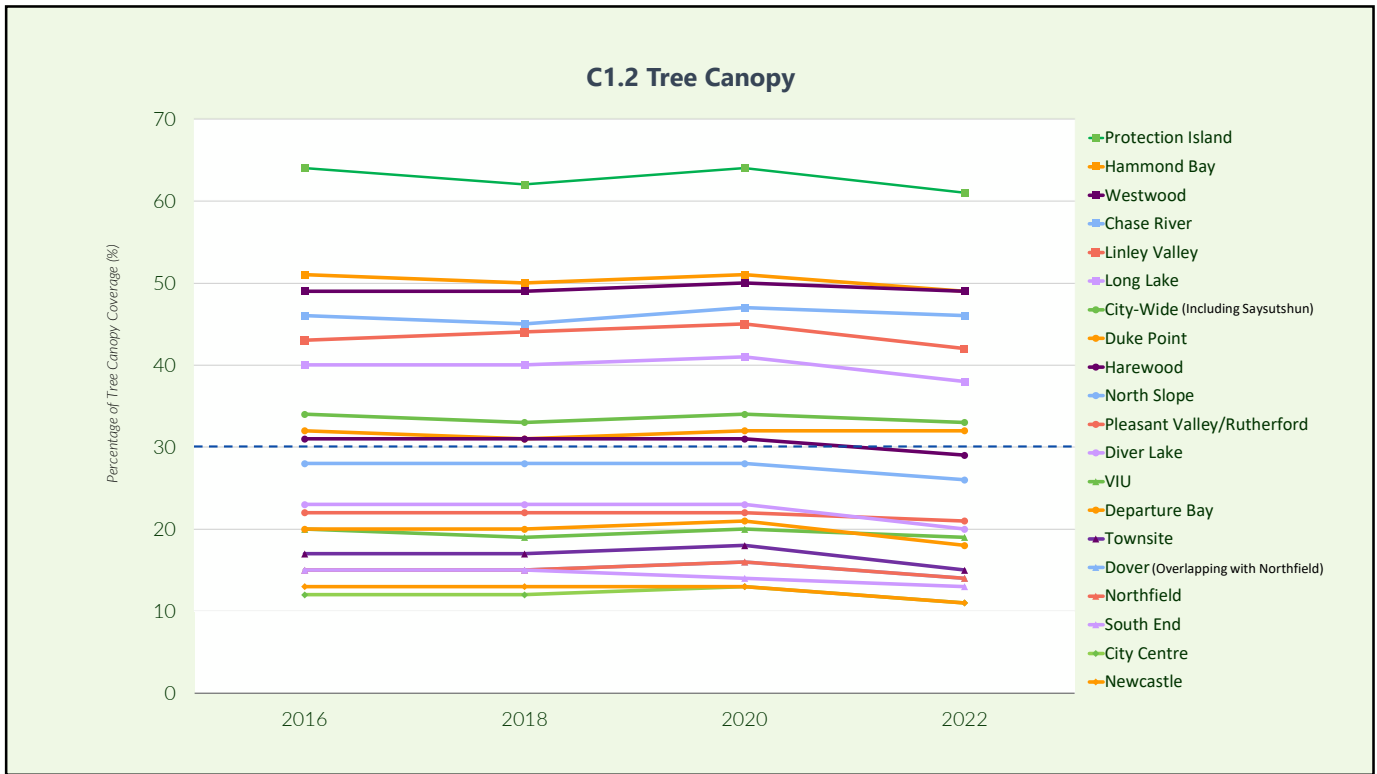
### C1.2 Tree Canopy

Total Number of Tree Canopy Monitoring Areas that have at least 30% Tree Canopy and Target

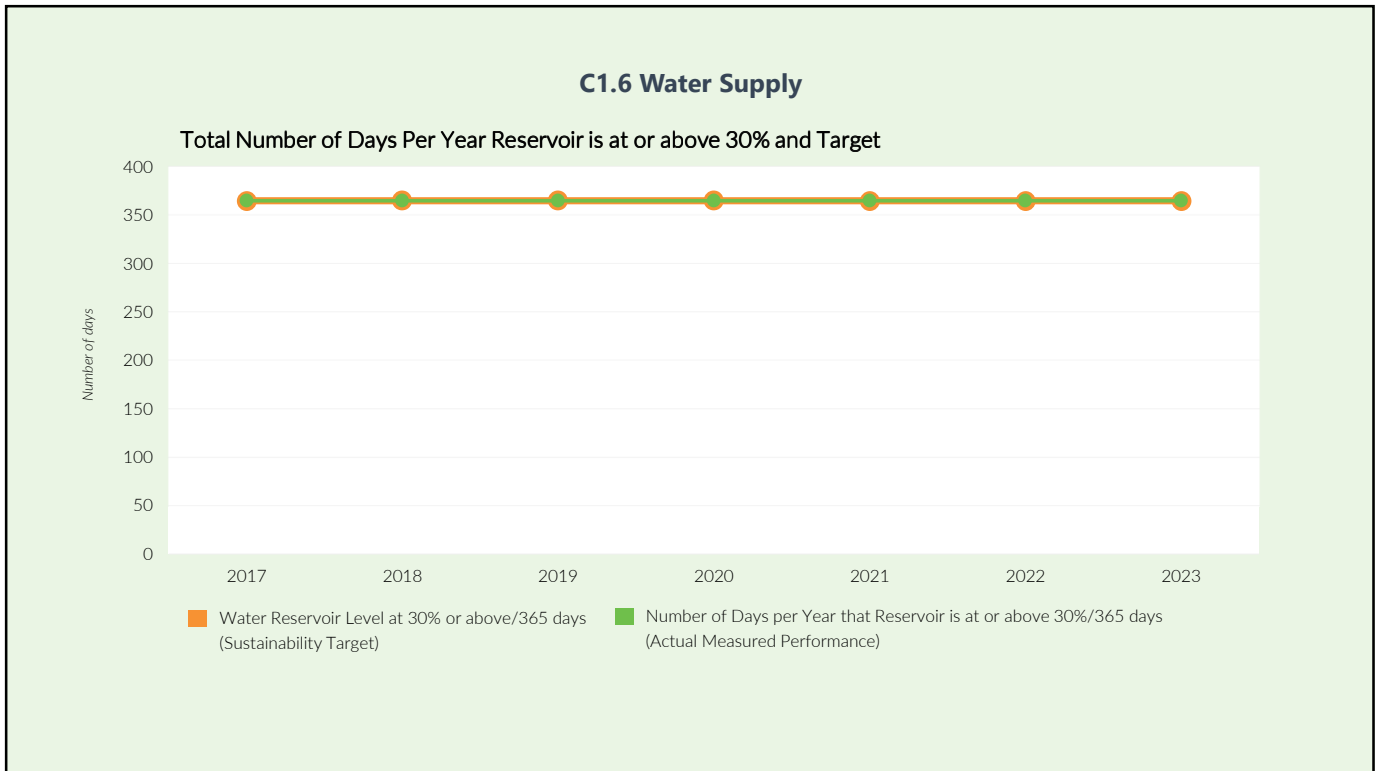


■ Number of Areas that should have at least 30% Tree Canopy Coverage in the City (Sustainability Target)
 ■ Number of Areas that have at least 30% Tree Canopy Coverage (Actual Measured Performance)

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### C1.6 Water Supply

Watershed Reservoir Capacity	# of days	2018	2019	2020	2021	2022	2023
0-30%	0	0	0	0	0	0	0
31-35%	0	0	0	0	0	9	0
36-40%	0	0	0	0	0	8	0
41-45%	0	0	0	0	0	7	0
46-50%	0	0	0	0	0	7	4
50-100%	365	356	365	365	365	334	361

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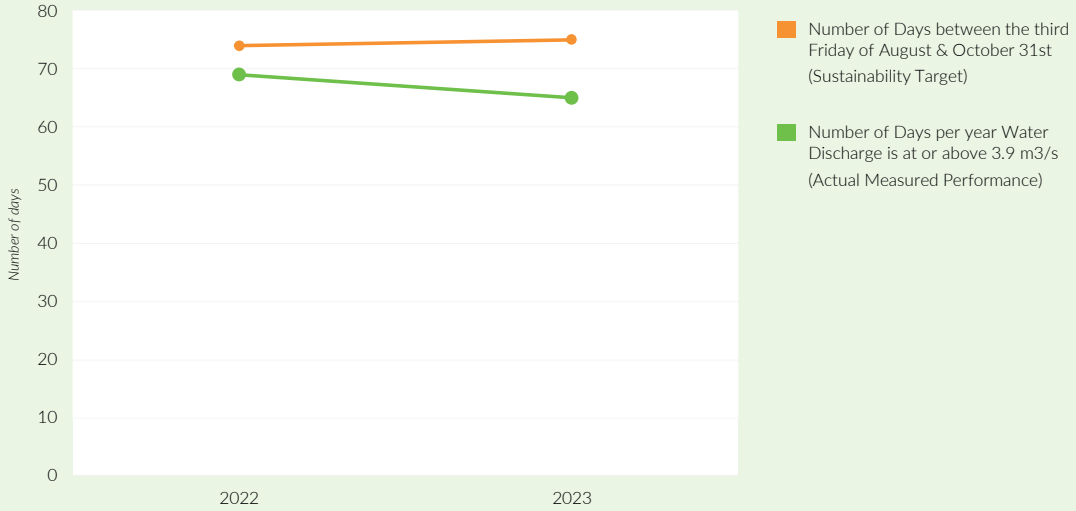
### C1.6 Water Supply

Supportive Indicators	2018	2019	2020	2021	2022	2023
Total Annual Water Consumption (cubic meters)	14,297,222	13,893,408	13,524,294	14,822,689	13,122,313	13,656,315
Residential Water Consumption per person (litres/person/day)	220	210	202	219	190	190
Average Water Consumption per person per day (litres/person/day)	396	376	361	390	338	346
Target for Average Water Consumption per person per day (litres/person/day)	n/a	n/a	n/a	392	390.2	388.4

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### C1.6 Environmental Flow

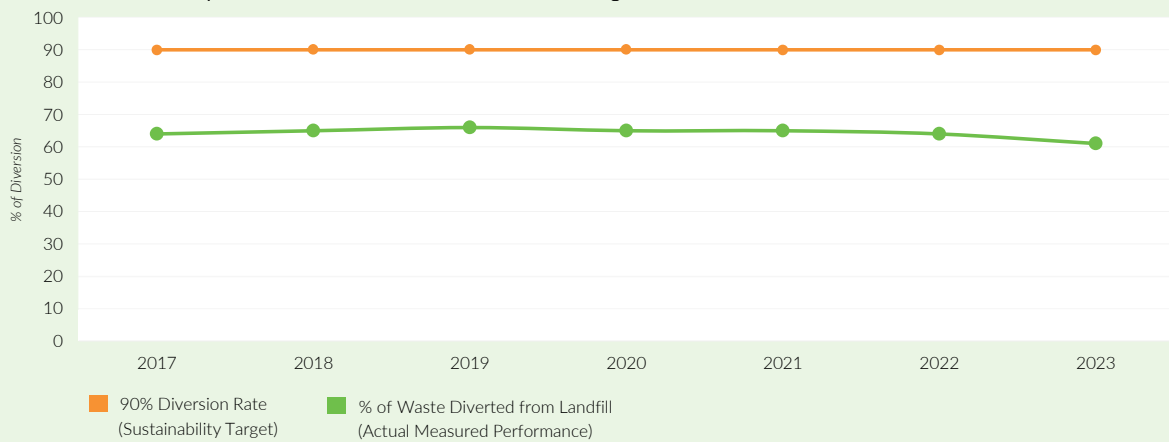
#### Total Water Discharge Days and Target



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### C1.7 Residential Waste Diversion

#### Total Municipal Waste Diversion from Landfill and Target



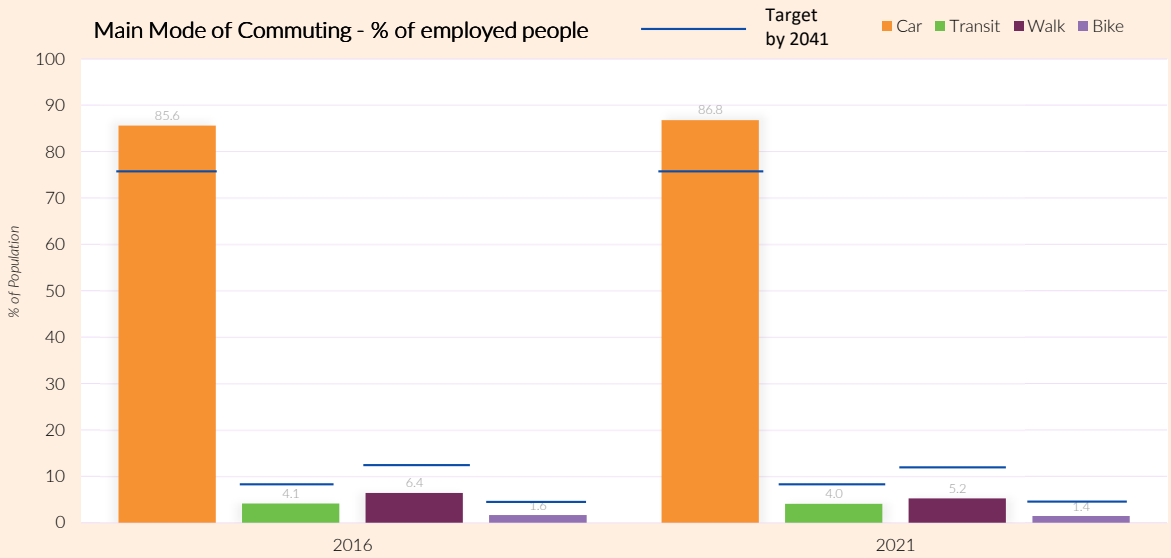
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### C1.7 Residential Waste Diversion

Residential Waste Collection (kg/household)	2017	2018	2019	2020	2021	2022	2023
Recycling	118	126	125	129	124	118	109
Organics	133	182	247	293	277	275	261
Landfill Waste	140	169	193	227	219	220	233
Total Weight	391	477	566	649	620	613	604
Diversion Rate	64%	65%	66%	65%	65%	64%	61%

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### C2.1 Car Free Daily Needs



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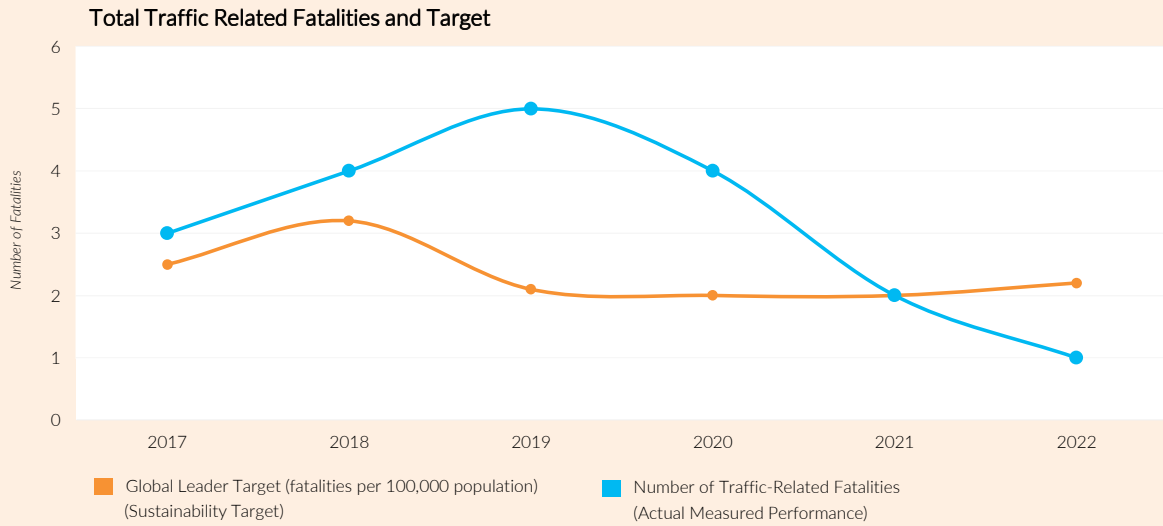
### C2.1 Car-Free Daily Needs



\* The number of private dwelling units are based on BC Assessment data from 2021 only. Data from other years will be included when available.

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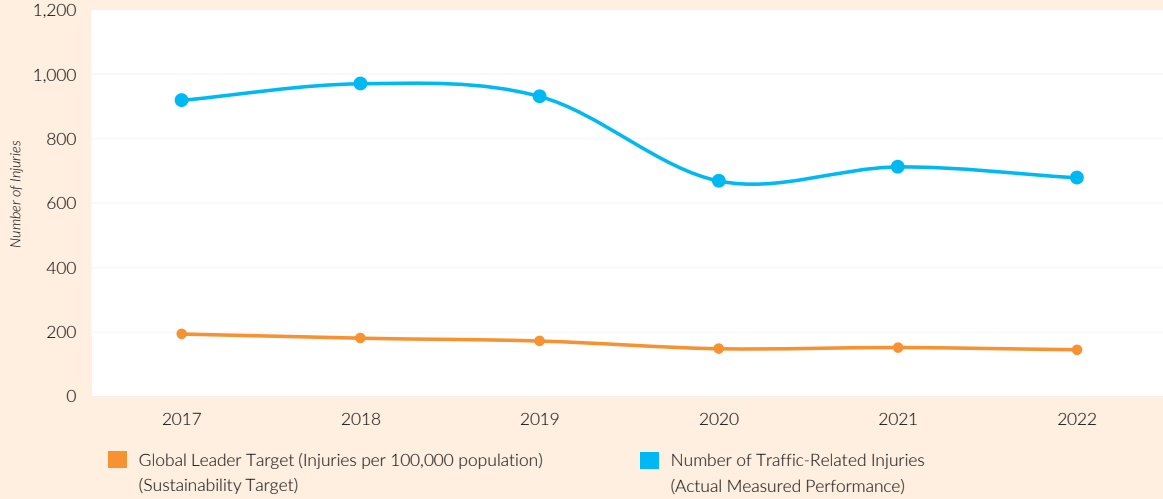
### C2.2 Traffic-Related Fatalities



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### C2.2 Traffic-Related Injuries

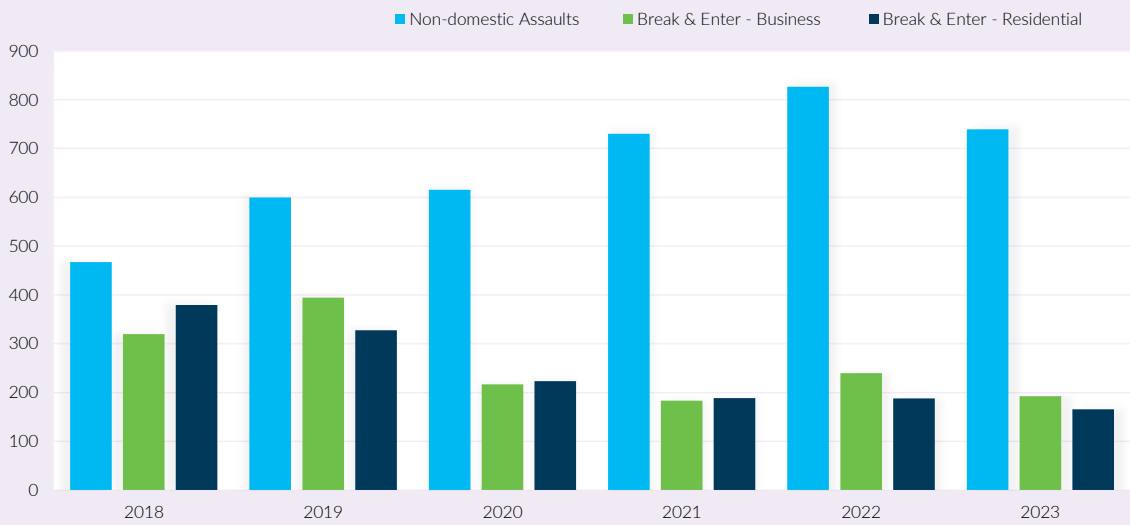
Total Traffic Related Injuries and Target



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### C3.1 Community Safety

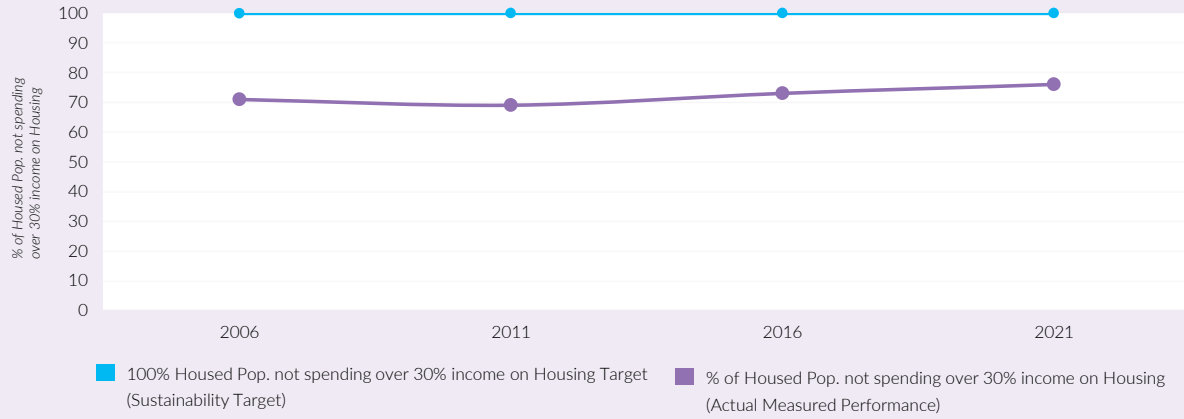
Real Crime



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### C3.2 Housing Affordability

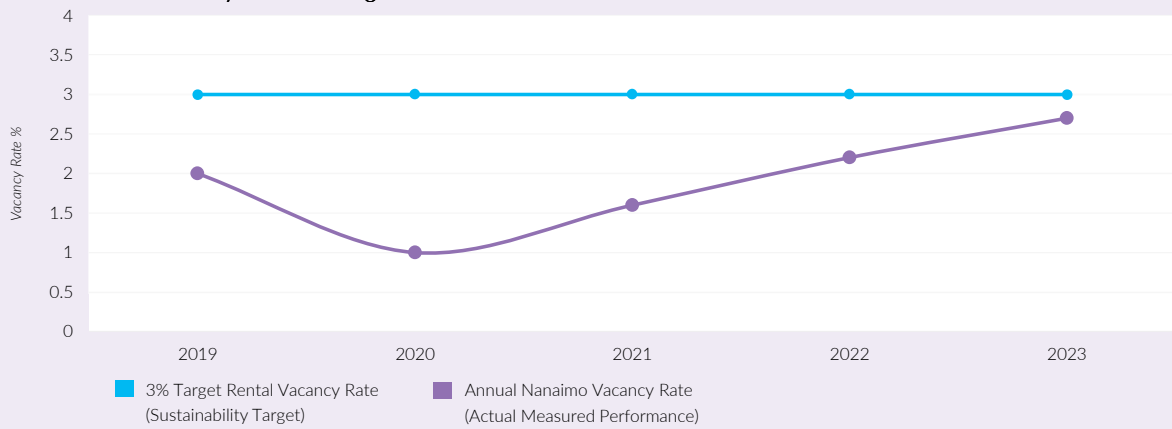
Total Housed Population with Housing Costs that do not exceed 30% of their Income and Target



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### C3.2 Vacancy Rate

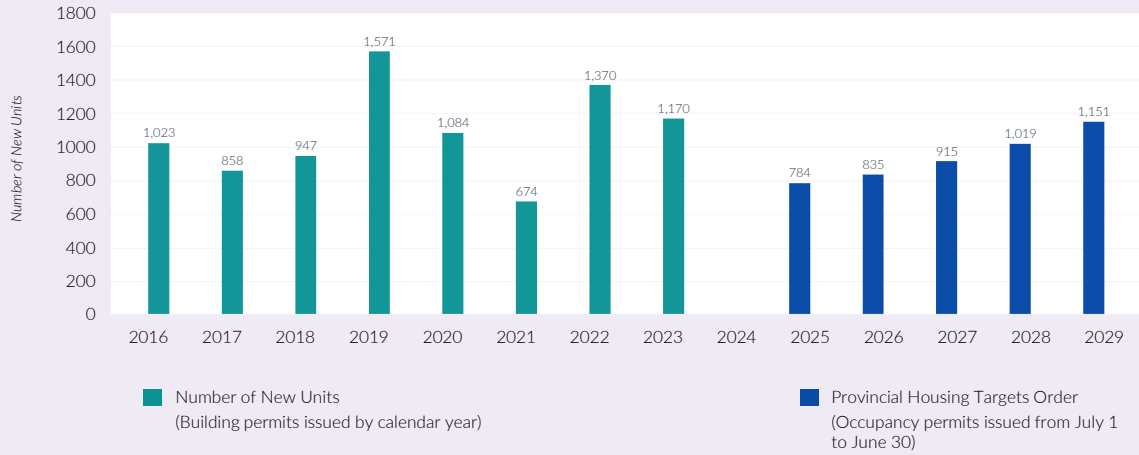
Total Vacancy Rate and Target



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### C3.2 Total New Units

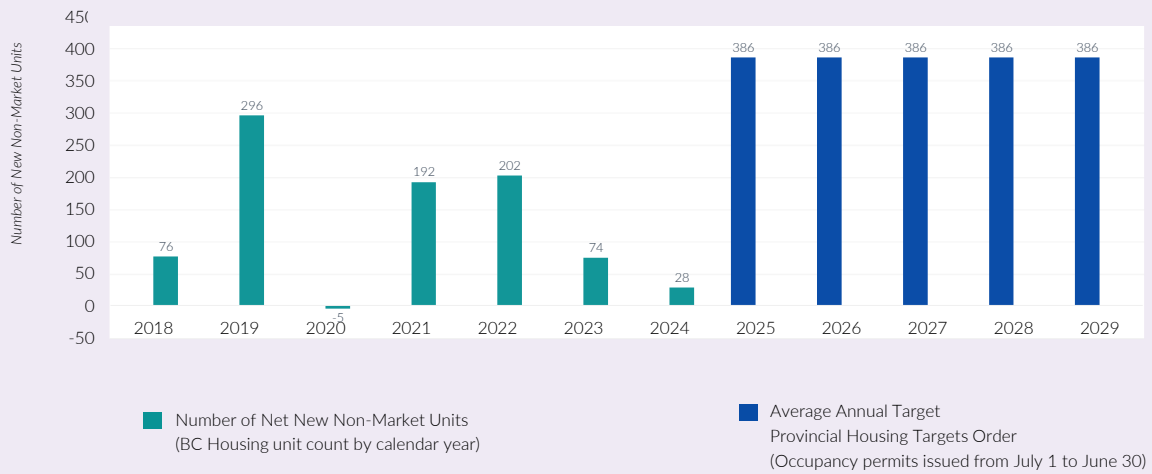
Total New Units and Target



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### C3.2 Total New Non-Market Units

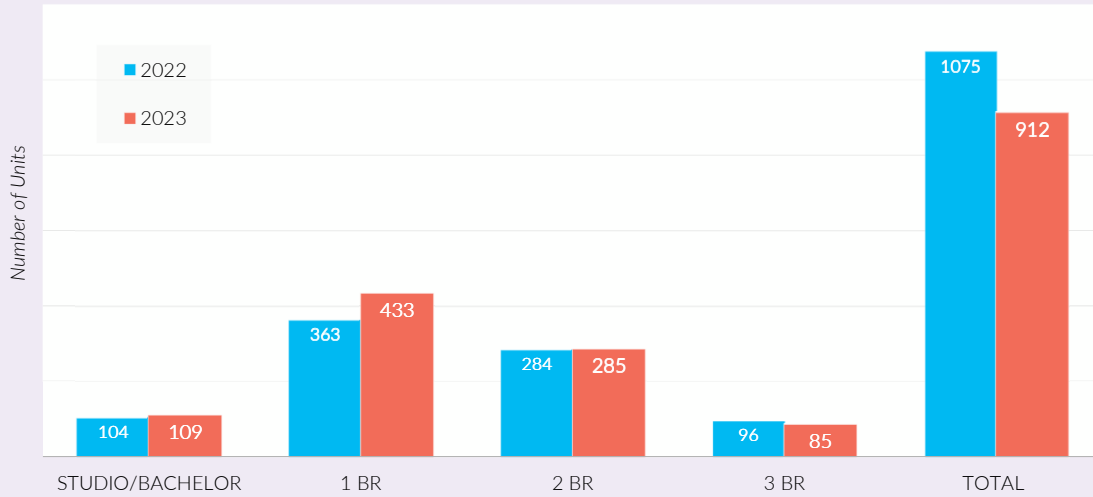
Total New Non-Market Units and Target



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### C3.2 Housing - Number of New Units by Bedroom Mix

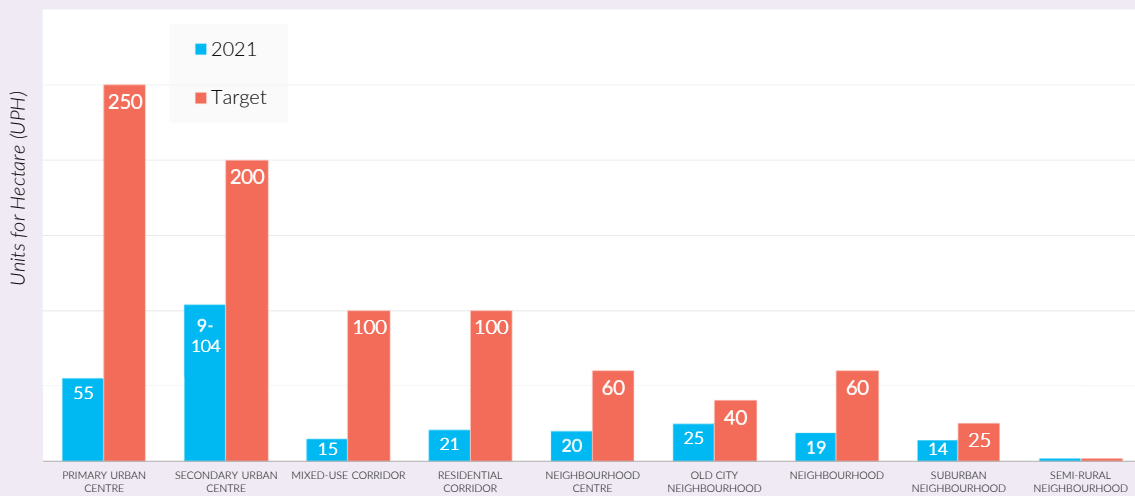
Total Number of New Units by Year and Bedroom Mix (Multi-family building permits issued)



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### C3.2 Housing – Average Units Per Hectare by Land Use Designation

Average Units Per Hectare (UPH)



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### C3.3 Homelessness - Temporary Relief

Total Temporary Beds Available and Target



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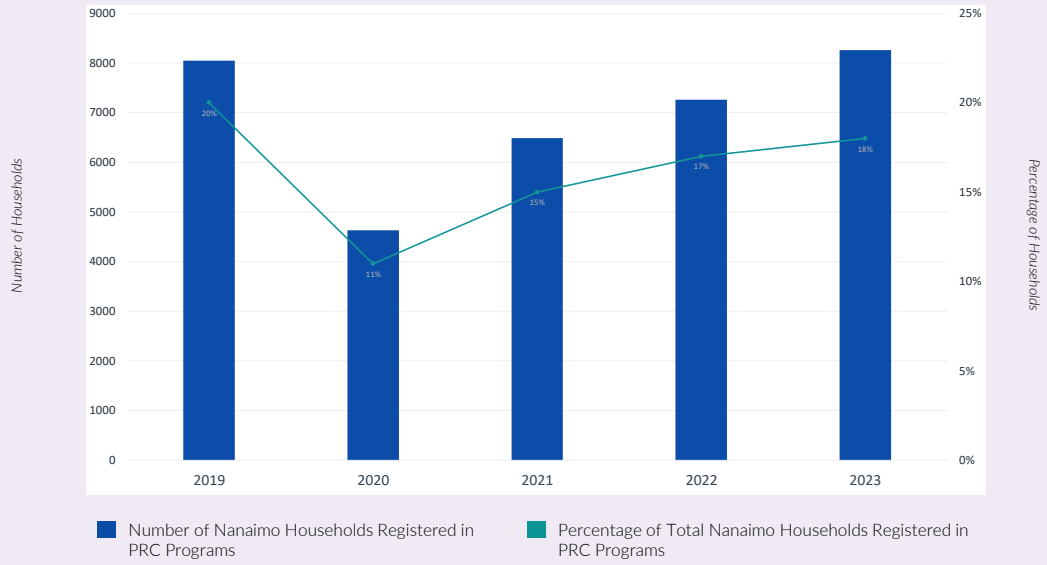
### C3.3 Homelessness - Temporary Relief

	2018	2019	2020	2021	2022	2023	2024
Point-in-time count of people who experience homelessness	335	n/a	433	n/a	n/a	515	n/a
Total number of temporary shelter and housing units	84	228	228	228	228	228	250
Number of shelter beds	84	84	84	84	84	84	84
Number of temporary supportive housing units	0	144	144	144	144	144	166

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### C3.5 Recreation, Culture and Wellness Support

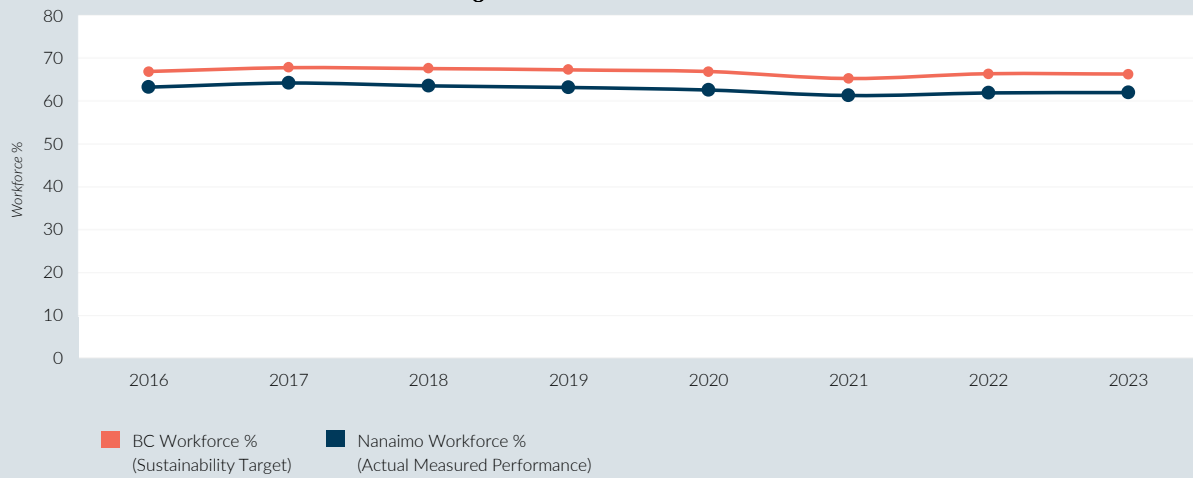
Households Registered in PRC Programs



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### C5.1 Workforce Sufficiency

Total % of Nanaimo Work Force and Target



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### C5.2 Labour Market Performance

Total Nanaimo Unemployment Rate & Target

