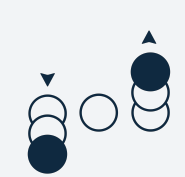


Quarterly Report

Dunedin City

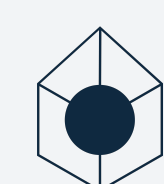
Summary

Below we've presented a summary of Dunedin City's key metrics this quarter:

 Total tourism spend this quarter

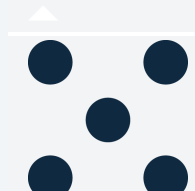
 **\$108.1M**

During the quarter to June 2023, \$108.1M was spent in Dunedin City by New Zealanders living outside of the district and international tourists, with a decrease of 8.95% compared with March 2023.

 Years to save for a house deposit

 **11.0**

As of June 2023, it would take 11.0 years to save for a 20% home deposit in Dunedin City, with a decrease of 2.97% compared with March 2023.

 Gambling spend per capita

 **\$47**

As of March 2023, an average of \$47.0 was spent by individuals over 18 years in Dunedin City through electronic gaming machines, with a decrease of 1.19% compared with December 2022.

 Crime rate

 **28.5**


In June 2023, Dunedin City had a crime rate of 28.5 incidents per 10,000 people, with an increase of 11.38% compared with March 2023.

 Deprivation Index

 **4.0**

As of June 2023, the deprivation within Dunedin City is 4.0 and this is unchanged since May 2023.

 Job seeker support rate

 **4.2%**

In June 2023, 4.2% of the working population (15-64 years) in Dunedin City claimed Job Seeker Support, with a decrease of 6.93% compared with June 2022.

 Trending Up  Trending Down  Improving  Worsening  No Change

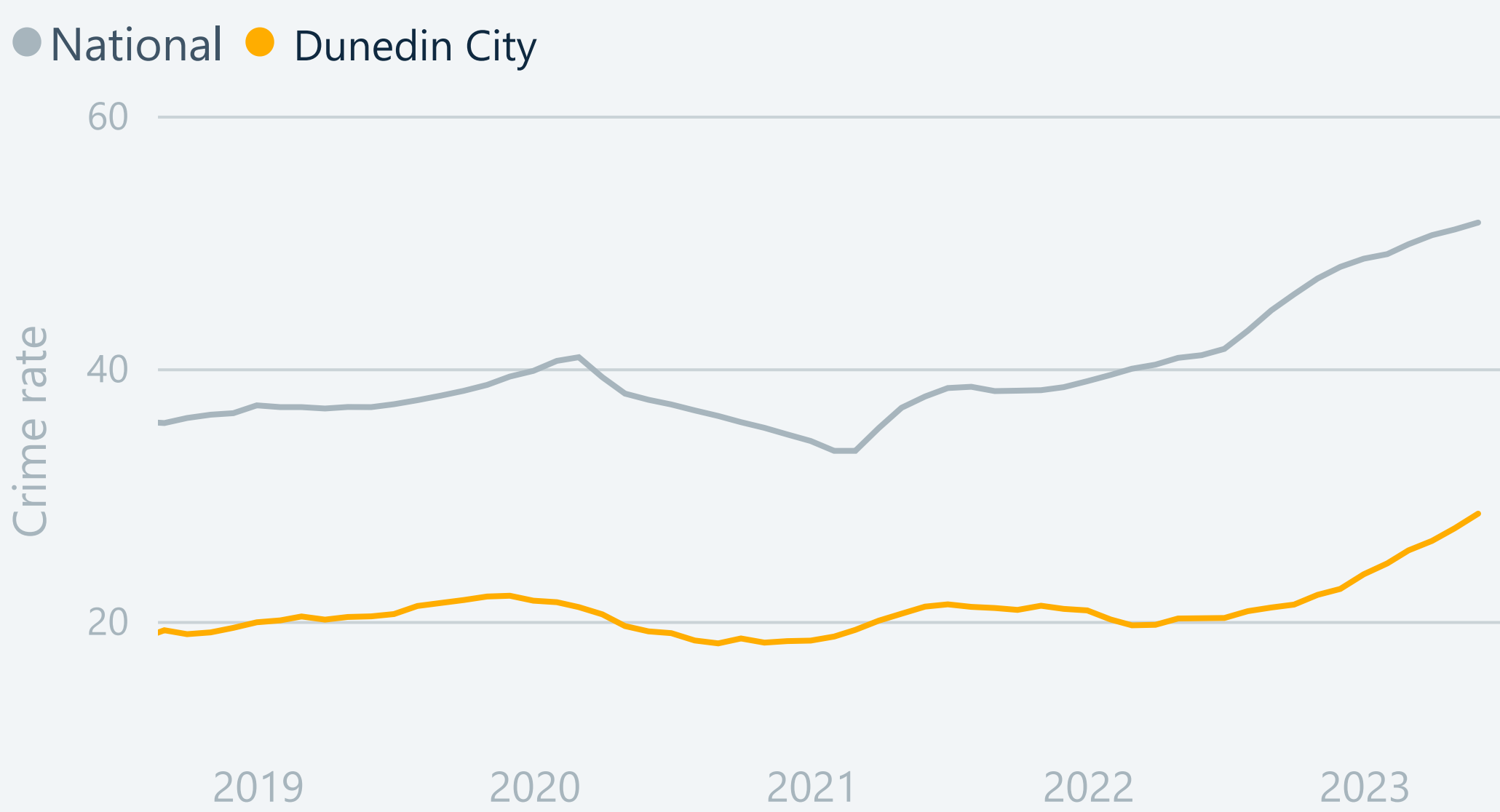
Key Pillar Changes

Crime rate Jun 2023 **28.5** ▲ 11.38% % change is from March 2023

Crime type with the greatest change in crime rate Jun 2023 **Robbery, Extortion and Related Offences** ▲ 23.38% % change is from March 2023

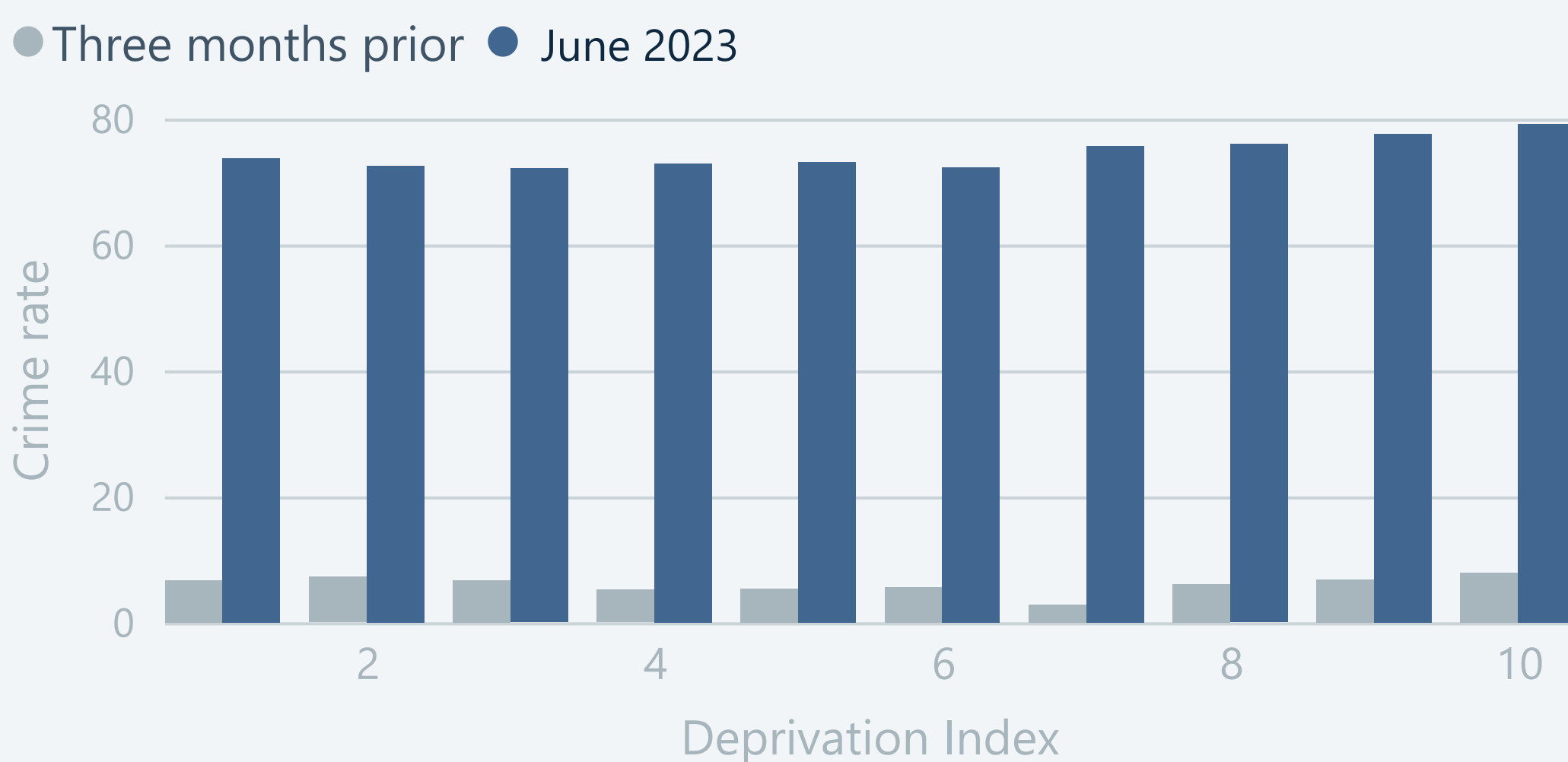
Community with greatest change in crime rate Jun 2023 **Helensburgh** ▲ 138.52% % change is from March 2023

Comparison to National Crime Rate



Compared with the same time last year the crime rate in Dunedin City has increased by 40.9%, and is now 28.5 as at June 2023. The crime rate is 44.7% below the national rate of 51.5.

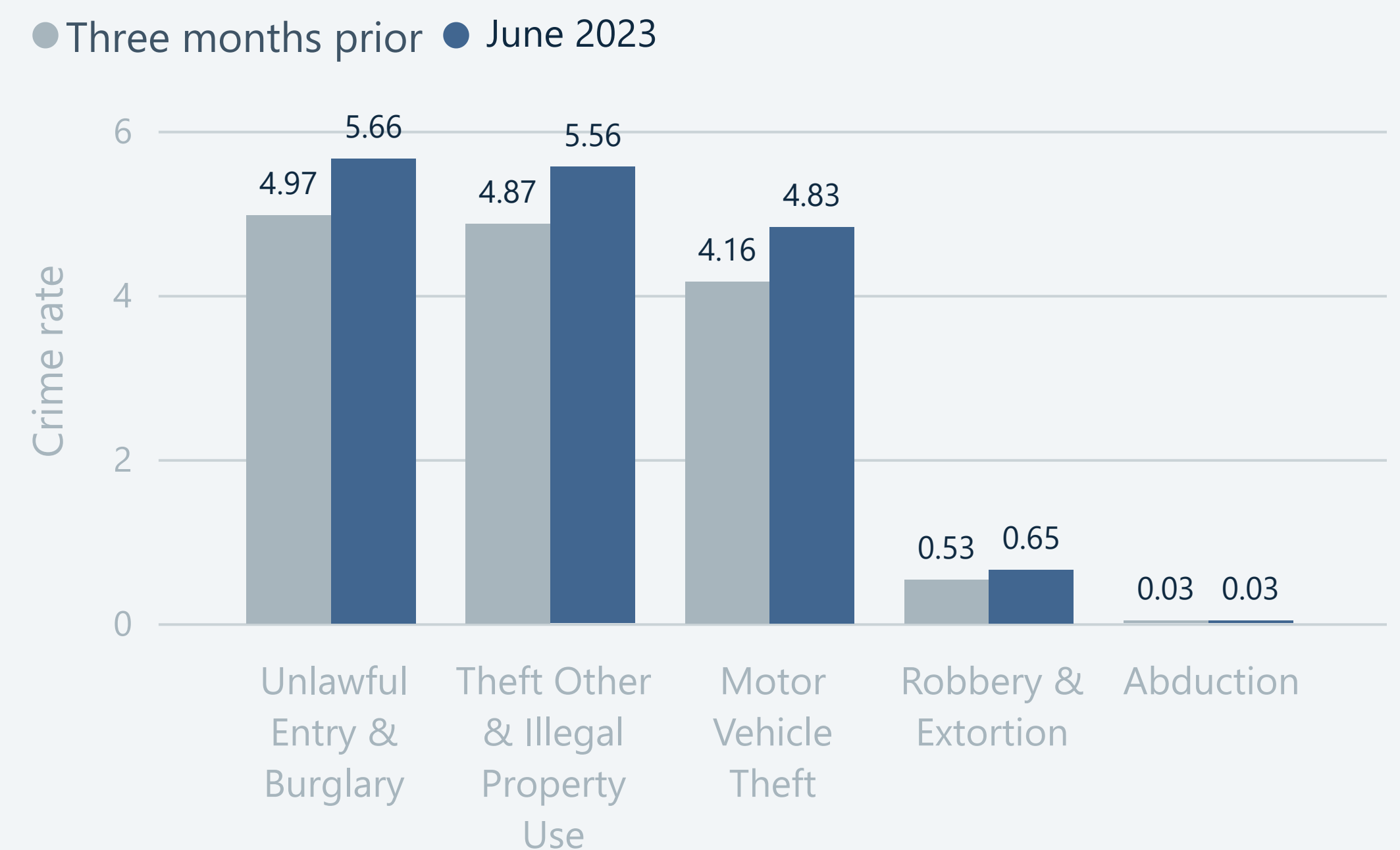
Crime Rate by Deprivation Index



In Dunedin City, communities with a deprivation index of 10 have the highest crime rate. The crime rate in these communities is 1.1 times higher than those with a deprivation index of 3, the group with the lowest crime rate. Communities with a deprivation index of 7 have seen the greatest change in their crime rate over the last 3 months, with an increase of 2624.9%.

i Crime rate is defined as the the number of victimisations over the last 12 months per 10,000 people

Crime Types with the Greatest Change



Within Dunedin City, the most prevalent type of crime in June 2023 was 'Unlawful Entry/Burglary/Breaking & Entering'. The type of crime that had the greatest change in the last 3 months was 'Robbery, Extortion and Related Offences', with an increase of 23.4%.

Communities with Greatest Change

Community	% Change	Crime rate
Helensburgh	▲ 138.52	8.4
Shiel Hill	▲ 133.33	6.5
Fairfield (Dunedin City)	▲ 100.27	7.8
Abbotsford	▲ 55.75	11.9
Andersons Bay	▲ 55.50	13.8

Helensburgh saw the greatest change in crime rate over the last 3 months in Dunedin City, with an increase of 138.5%.

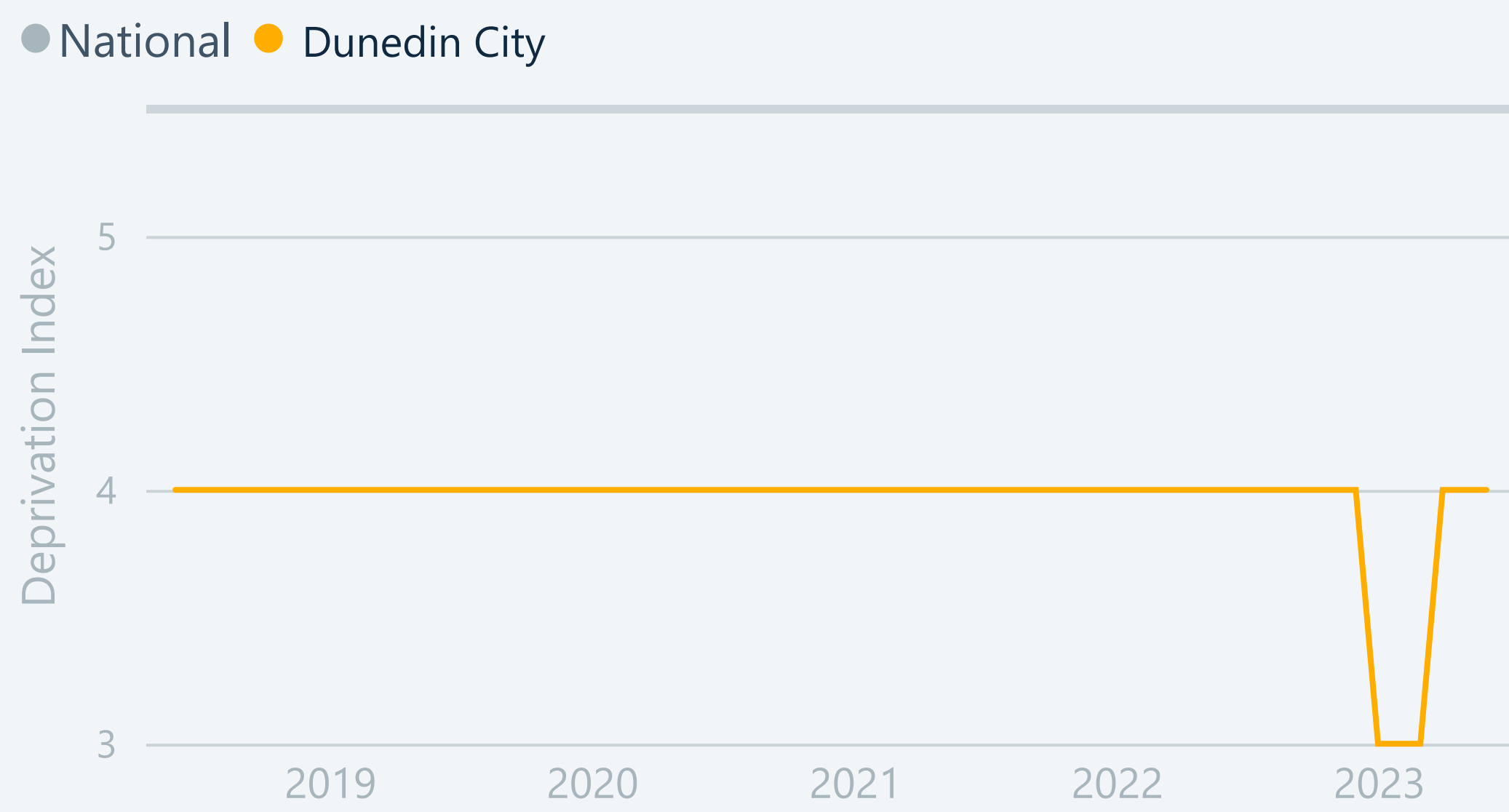
Key Pillar Changes

Deprivation Index Jun 2023 **4.0** — 0% % change is from May 2023

Community with greatest decrease in deprivation score Jun 2023 **Saddle Hill-Chain Hills** ▽ 3.39% % change is from June 2022

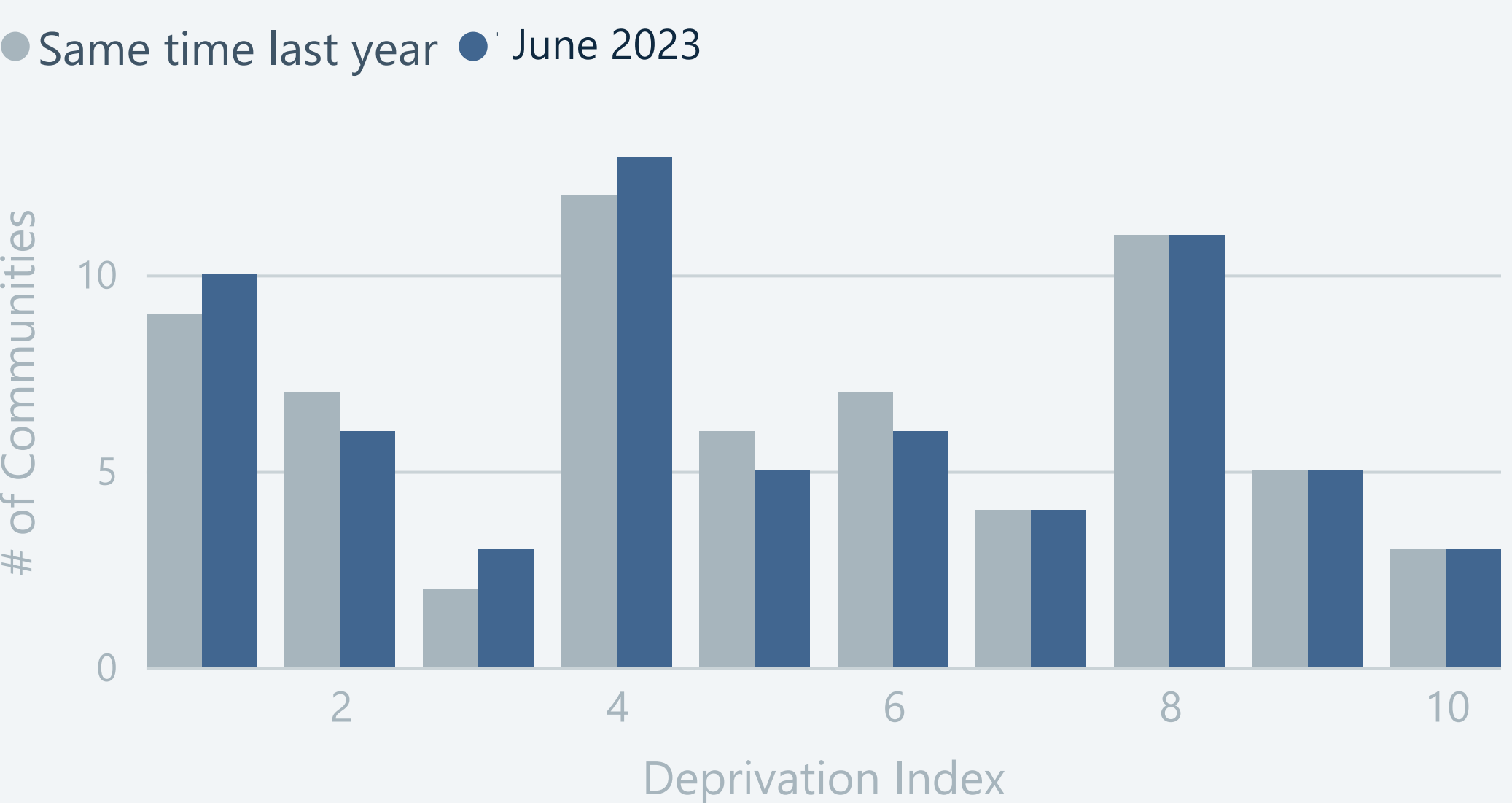
Community with greatest increase in deprivation score Jun 2023 **Strath Taieri** ▲ 4.73% % change is from June 2022

Comparison to National Deprivation Index



Compared to the same time last year, the deprivation index of Dunedin City has seen no change by 0%, and is now 4 in June 2023. The deprivation index is 27.3% below the national median index of 5.5.

Distribution of Deprivation Index



In Dunedin City, 28.8% of the population live in highly deprived communities (deprivation index 8-10), whereas 28.8% live in high socio-economic performing communities (deprivation index 1-3).

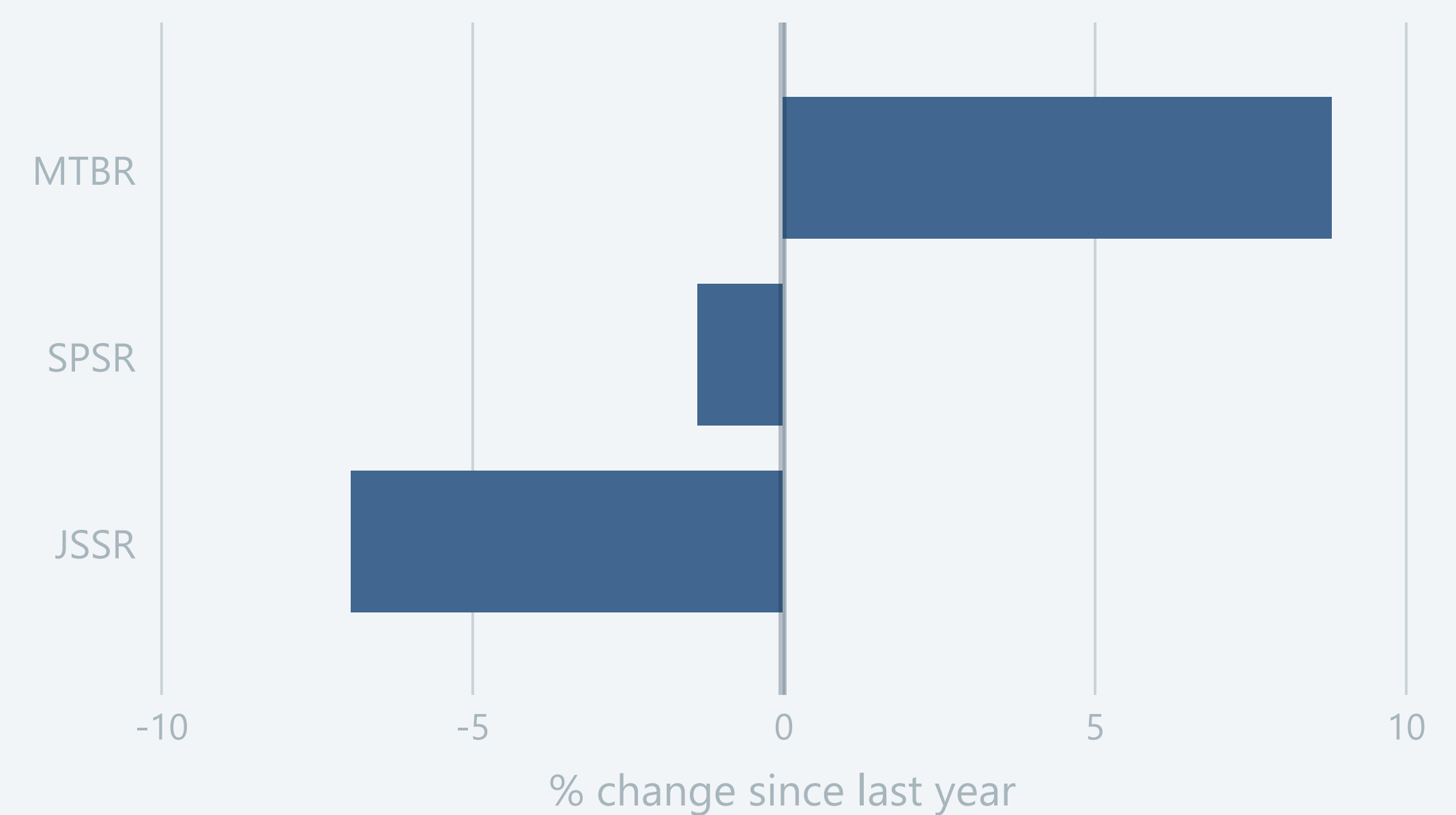
i Each month, small geographical areas are assigned a deprivation score. These areas are then assigned a deprivation index through deciles. A deprivation index of 1 represents the least deprived areas and a deprivation of 10 the most deprived.

Communities with the Greatest Change

Community	% Change	Depr. score
Strath Taieri	▲ 4.73	951.31
Saddle Hill-Chain Hills	▽ 3.39	857.22
St Kilda North	▲ 3.19	1,059.25
Broad Bay-Portobello	▲ 2.55	940.62
Port Chalmers	▽ 2.14	998.66

The community with the greatest change in deprivation score since the same time last year was Strath Taieri, with a 4.7% increase.

Benefit Deprivation Indicators

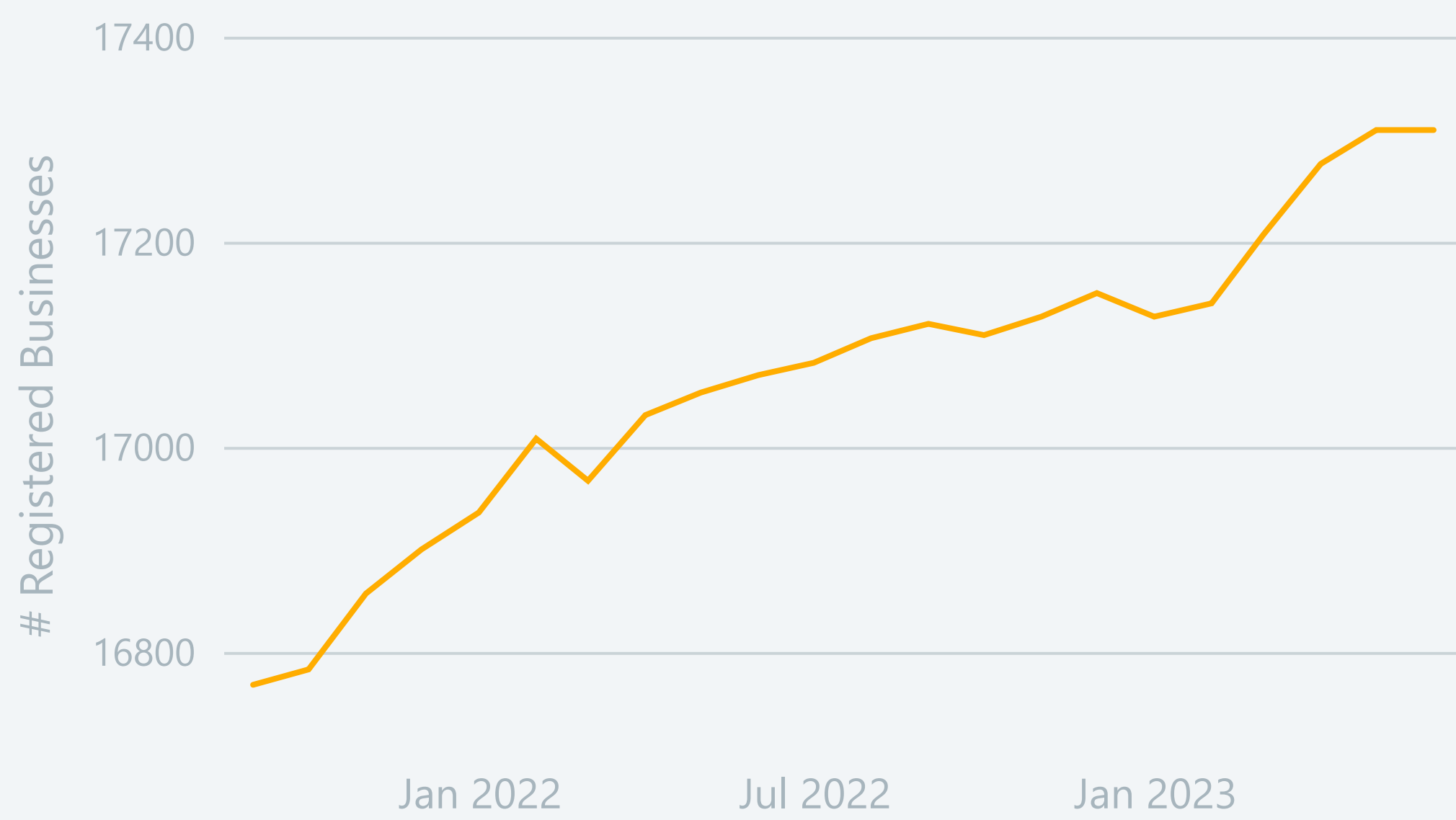


The benefit deprivation indicator that has changed the most in the last year is Means Tested Benefit Rate (MTBR) which saw a 8.82% increase. The bars above represent Single Parent Support rate (SPSR), Means Tested Benefit rate (MTBR) and Job Seeker Support rate (JSSR).

Key Pillar Changes

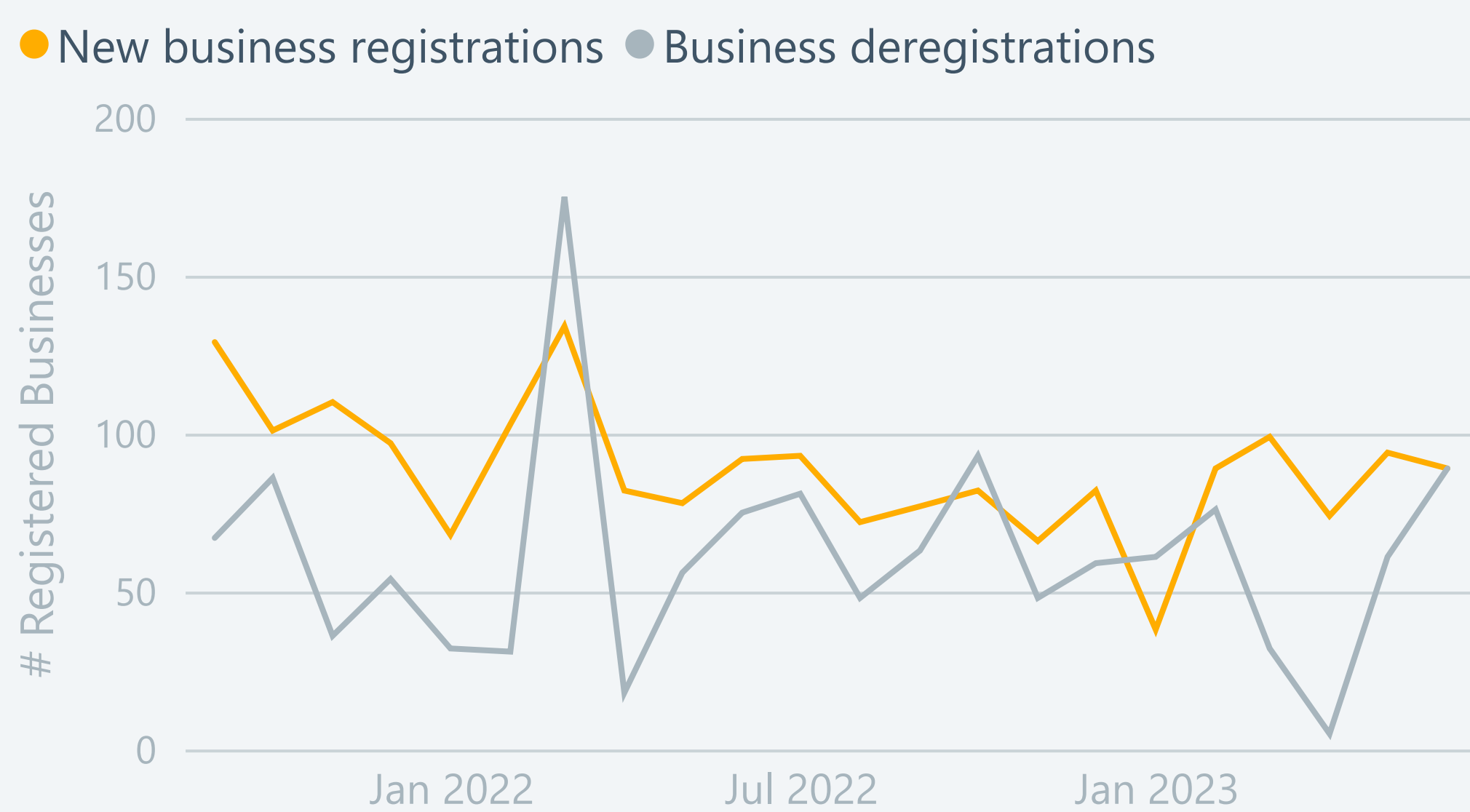
New Business Registrations this month	Jun 2023	89.0	▽ 10.1%	% change is from March 2023
Business Deregistrations this month	Jun 2023	89.0	▲ 178.12%	% change is from March 2023
Total tourism spend this quarter	Jun 2023	\$108.1M	▽ 8.95%	% change is from March 2023

Total number of businesses registered to date



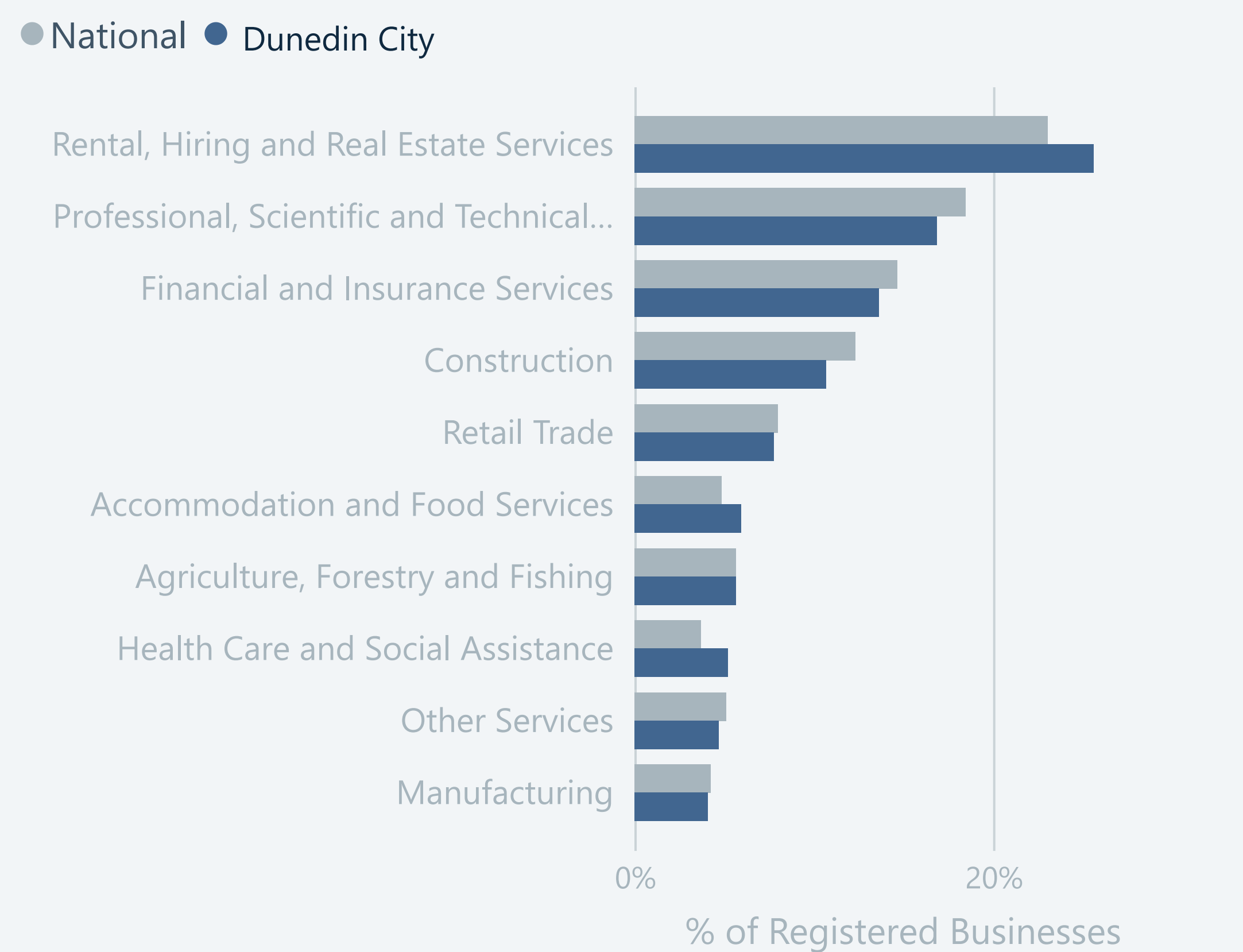
As of June 2023 there were 17309 registered businesses in Dunedin City. Over the last 12 months the number of registered businesses has increased by 239. Nationally, the number of registered businesses has increased by 1.7%.

Business openings and closings in the last year



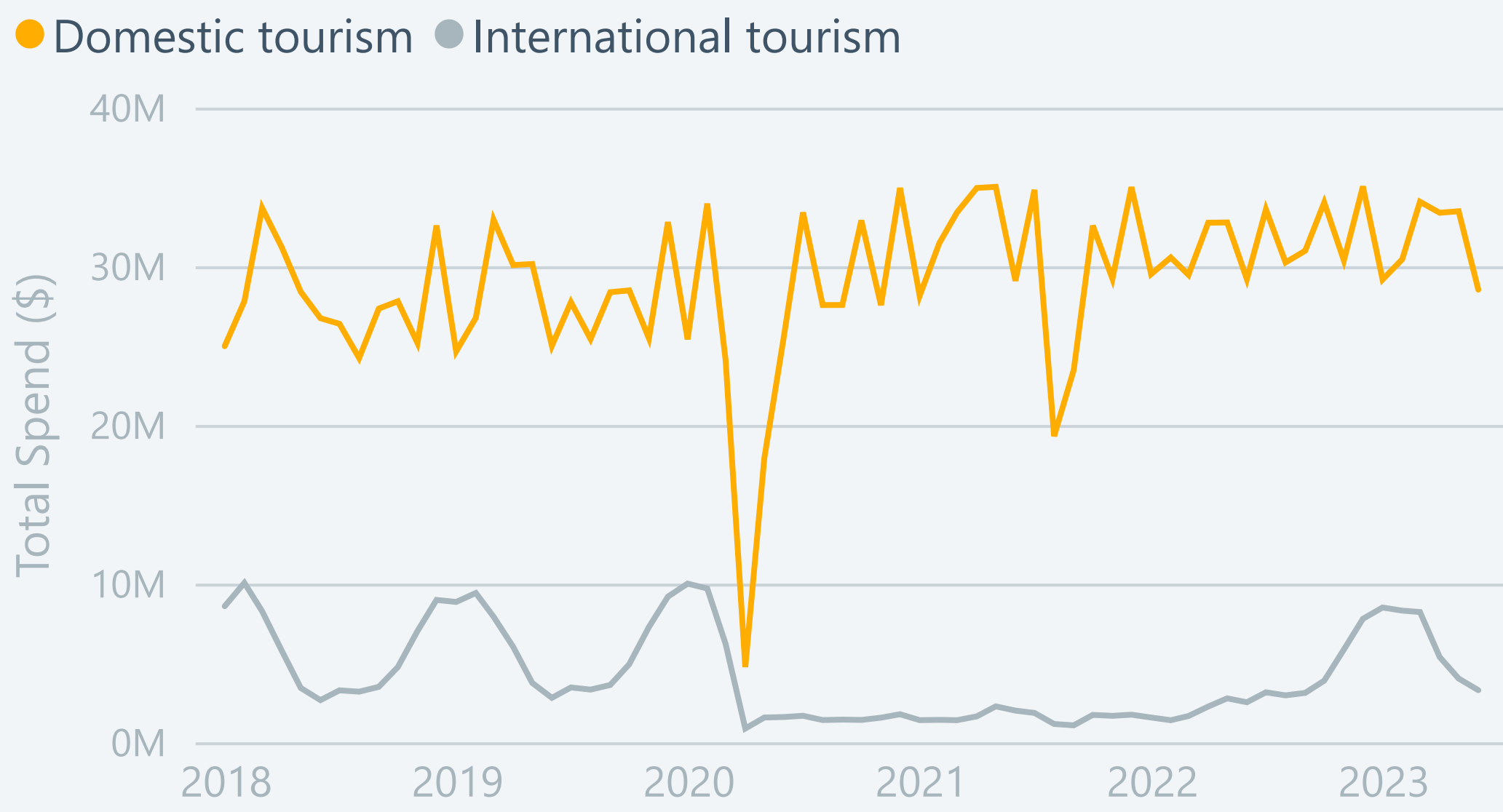
Comparing June 2023 with June 2022 Dunedin City has seen a decrease in the number of new business registrations of 3.3% and an increase in the number of business deregistrations of 18.7%.

Distribution of registered businesses by industry



Rental, Hiring and Real Estate Services is the largest industry operating in Dunedin City and makes up 22.2% of all currently registered businesses.

Tourism spend this quarter



In June 2023, \$31.8M was spent in Dunedin City from domestic and international visitors to the district. Domestic tourism made up 89.7% of total tourism spend, and has decreased by 2.26% since the same time last year, whereas international tourism has increased by 30.12% in the same time period.

Visiting countries with the greatest spend

Visiting country	\$ Change	Spend
Australia	▲ \$588K	\$3.1M
Rest of Asia	▲ \$383K	\$853K
Rest of Europe	▲ \$628K	\$893K
United Kingdom	▲ \$62K	\$1.5M
United States of America	▲ \$1.2M	\$3.4M

This quarter, the largest spend from international tourists visiting Dunedin City came from United States of America, with tourists spending \$3.4M. This represents an increase of \$1.2M since the same quarter last year.

Visiting regions with the greatest spend

Visiting region	\$ Change	Spend
Auckland	▲ \$1M	\$11.6M
Canterbury	▼ \$283K	\$27.6M
Otago	▼ \$207K	\$27.9M
Wellington	▼ \$113K	\$6.6M
Southland	▲ \$431K	\$9M

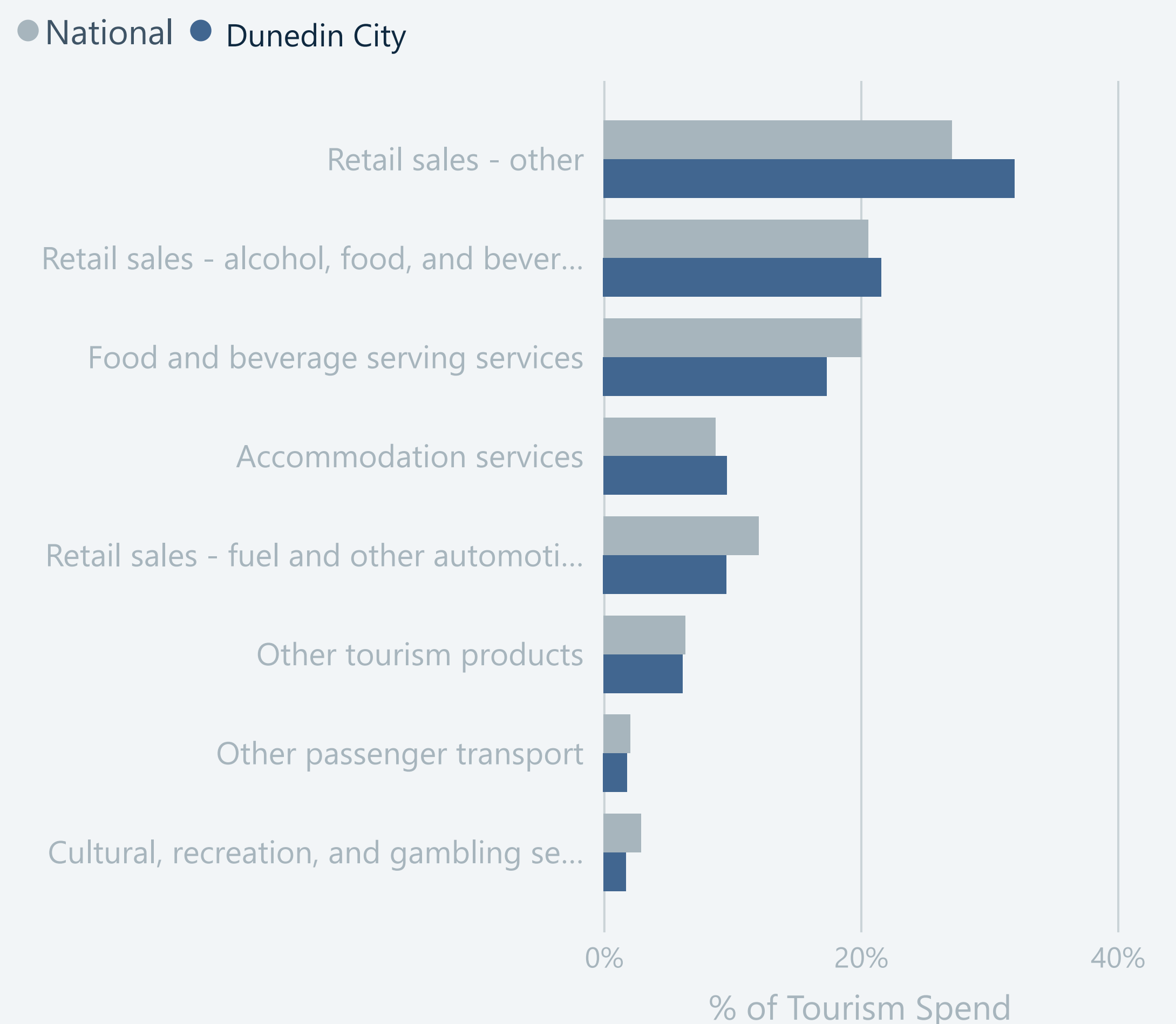
This quarter, the largest spend from domestic tourists visiting Dunedin City came from the Otago region, with tourists spending \$27.9M. This represents a decrease of \$207K since the same quarter last year.

Visiting countries with the greatest % change

Visiting country	\$ Change	Spend
Rest of Europe	▲ \$628K	\$893K
Rest of Oceania	▲ \$45K	\$58K
Germany	▲ \$294K	\$334K

This quarter, Dunedin City saw the greatest % change in international tourism spend from those visiting from Germany since the same quarter last year, with a \$294K increase in spend.

Tourism spend by industry



In Dunedin City tourists spent the most on Retail sales - other this quarter, which was 32% of all tourism spend. This is 18.1% larger than the national proportion.

Visiting regions with the greatest % change

Visiting region	\$ Change	Spend
Marlborough	▼ \$90K	\$534K
Northland	▼ \$280K	\$937K
Taranaki	▲ \$211K	\$987K

This quarter, Dunedin City saw the greatest % change in domestic tourism spend from those visiting from the Taranaki region since the same quarter last year, with a \$211K increase in spend.

i Domestic tourism spend is calculated using the monthly spend of in-person electronic card transactions in the district, which come from individuals living outside of the district and whose own home district's largest urban centre is at least 40km away.

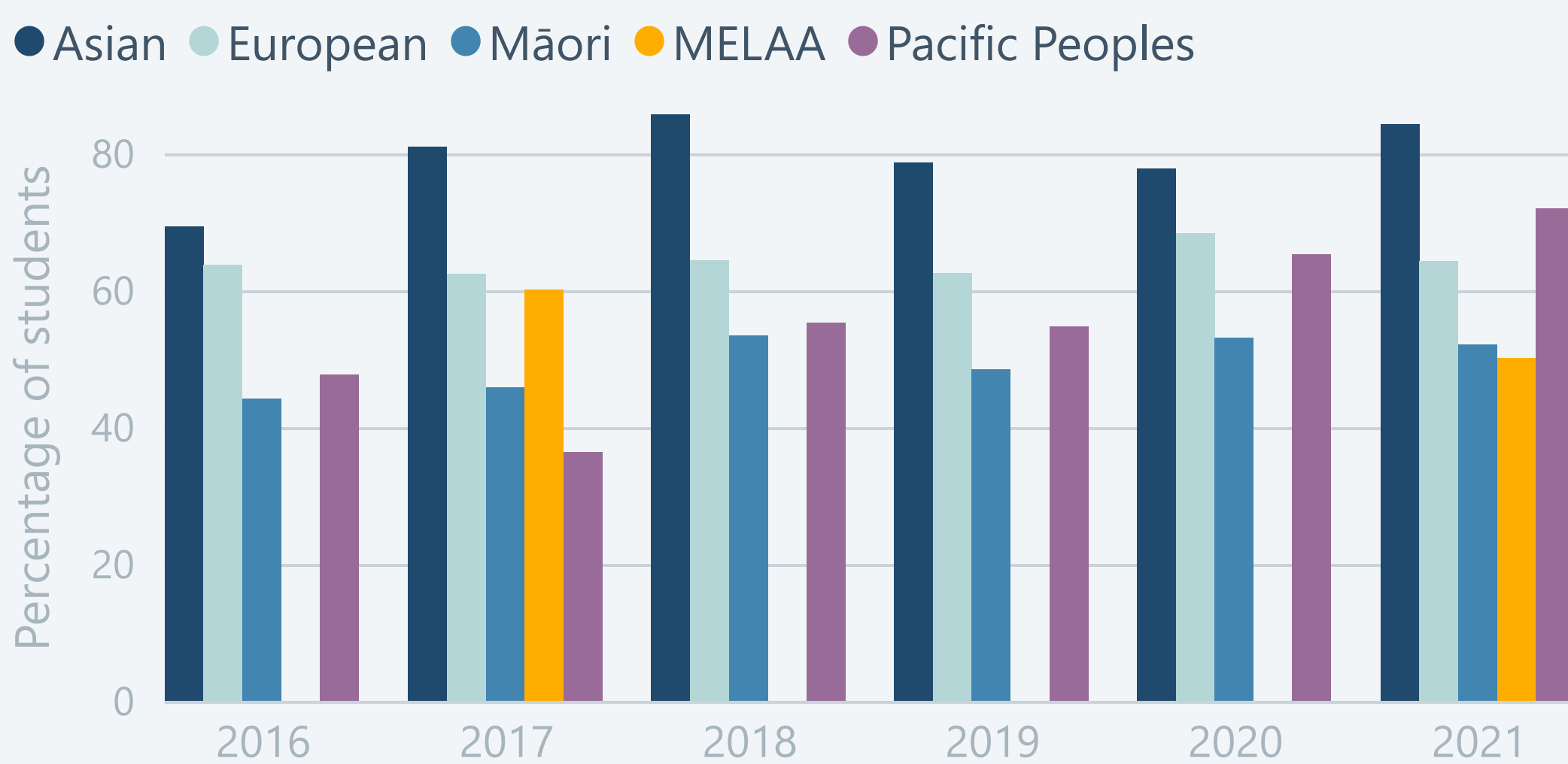
Key Pillar Changes

Secondary school retention Jan 2021 **85.0%** ▽ 3.12% % change is from January 2020

Secondary school with highest proportion of students leaving with NCEA level 3 Jan 2021 **Columba College**

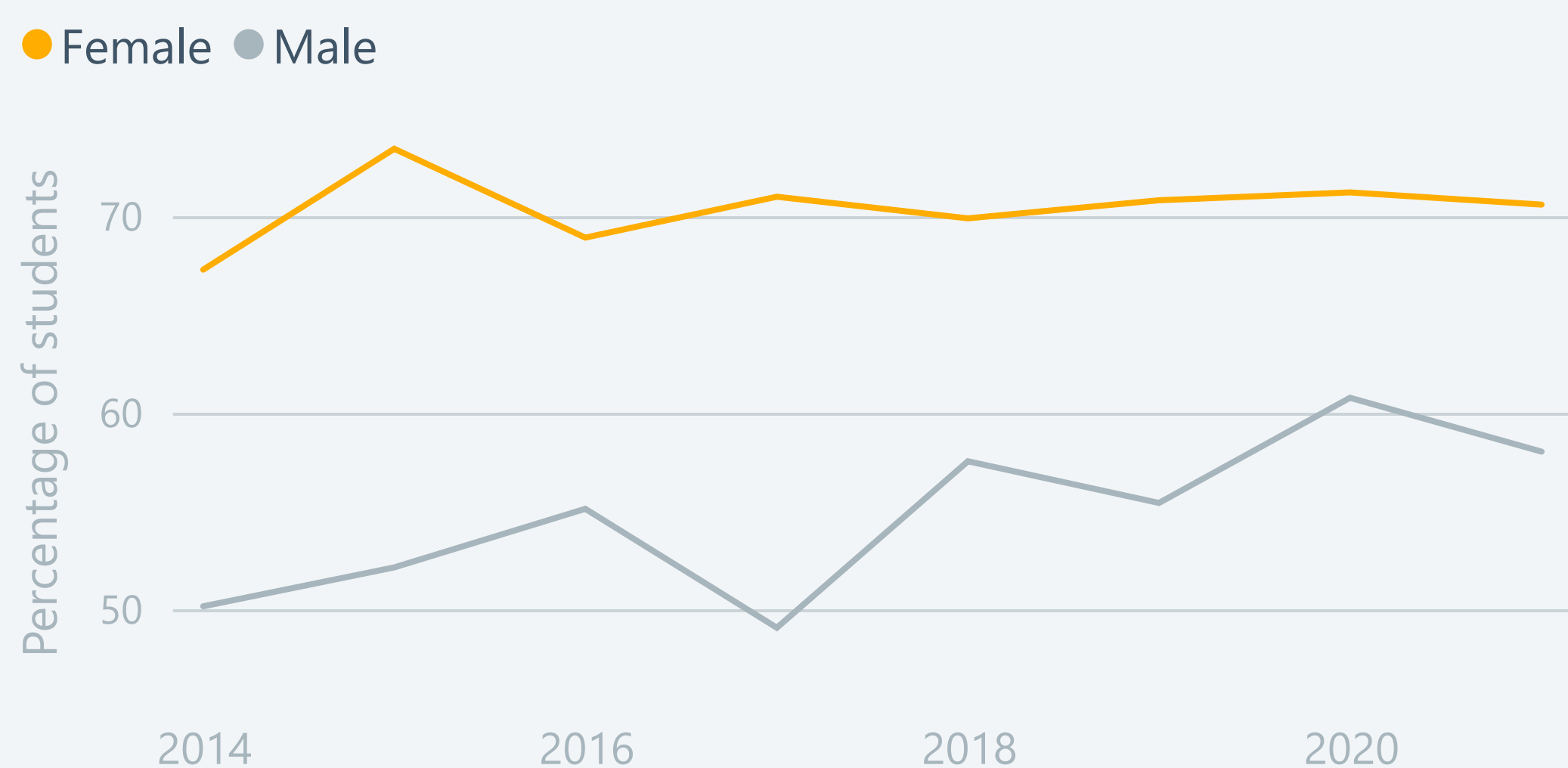
Ethnicity with greatest change in secondary school retention Jan 2021 **European** ▽ 3.86% % change is from January 2020

School leavers with NCEA3 level by ethnicity



In 2021, Asian students in Dunedin City had the greatest proportion of students leaving with NCEA3. This is 1.68 times larger than MELAA students, who have the lowest proportion of students leaving with NCEA Level 3. Pacific Peoples students have seen the greatest change in NCEA Level 3 pass rates, with an increase of 19.2%. Māori NCEA Level 3 pass rates in Dunedin City are 131% of National Māori rates.

School leavers with NCEA3 level by gender



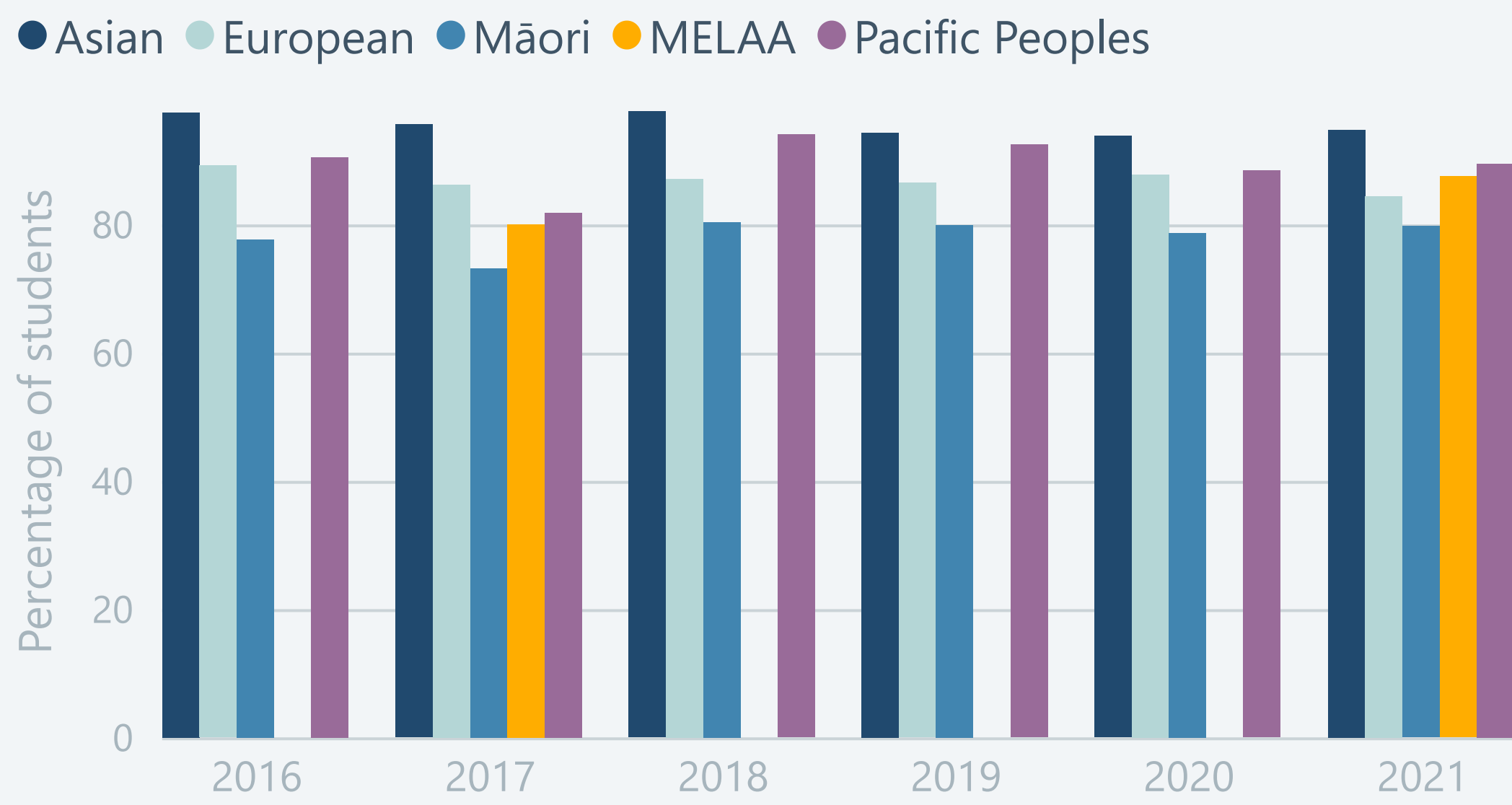
Since 2014, on average the percentage of students leaving with NCEA Level 3 in Dunedin City for female students has been 1.29 times larger than male students. In 2021, the percentage of students leaving with NCEA Level 3 for female students compared with male students was less than average. Compared to national figures, in 2021 the pass rate in Dunedin City were higher for both females and males.

Schools with greatest change in NCEA3 pass rate

In 2021, the school with the greatest change in the percentage of students leaving with NCEA Level 3 (pass rate) since 2020 was Bayfield High School, with a 13.51% decrease. Note that the table includes only those schools with more than 50 students.

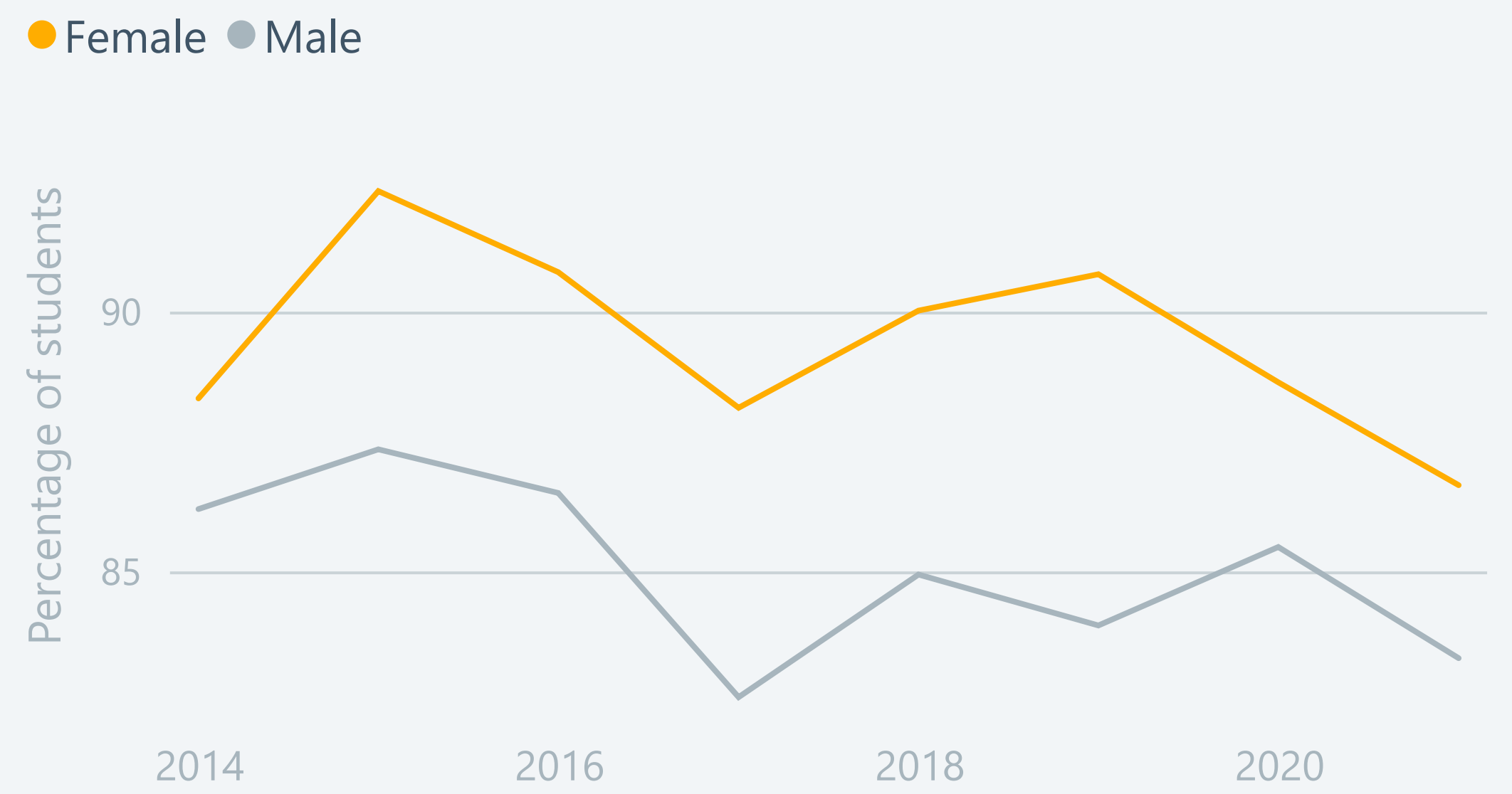
School	% Change	Pass Rate
Bayfield High School	▽ 13.51	49.22
Queens High School	▲ 11.90	61.90
Kavanagh College	▲ 9.23	77.23
Otago Girls' High School	▽ 8.93	75.32
Kings High School (Dunedin)	▽ 6.92	57.33

Secondary school retention by ethnicity



In 2021, Asian students in Dunedin City had the greatest retention rate. This is 1.19 times larger than Māori students, who have the lowest retention rate. European students have seen the greatest change in retention, with an increase of 1.5%. Māori retention rates in Dunedin City are 115% of National Māori rates.

Secondary school retention by gender



On average, since 2014, the retention rate in Dunedin City of female students has been 1.05 times larger than male students. In 2021, the retention rates of female students compared with male students was less than average. Compared to national figures, in 2021 the retention rates in Dunedin City were higher for both females and males.

Schools with greatest change in retention

In 2021, the school with the greatest change in retention rate since 2020 was Taieri College, with a 10.26% decrease. Note that the table includes only those schools with more than 50 students.

Community	% Change	Retention rate
Taieri College	▼ 10.26	74
Kings High School (Dunedin)	▼ 7.48	80
Queens High School	▲ 4.87	82
Kavanagh College	▲ 4.08	92
Columba College	▼ 1.52	98

! Education data is released by Education Counts at the end of each year, and pertain to the year prior to release.

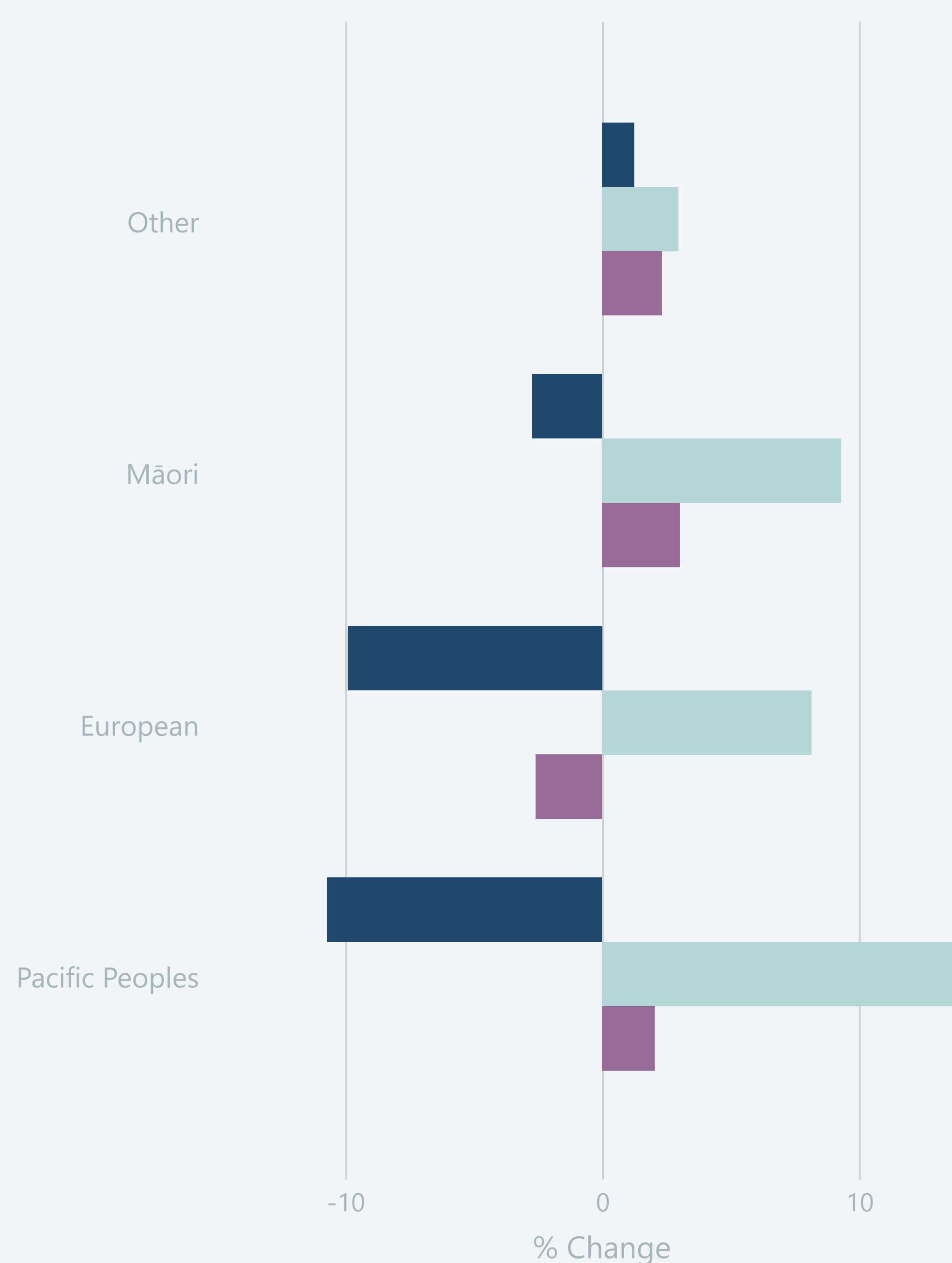
i Secondary school retention is defined as the percentage of secondary school leavers who are at least 17 years of age.

Key Pillar Changes

Job seeker support rate	Jun 2023	4.2%	▽ 6.93%	% change is from June 2022
Means tested benefit rate	Jun 2023	4.6%	▲ 8.82%	% change is from June 2022
Sole parent support rate	Jun 2023	1.4%	▽ 1.36%	% change is from June 2022

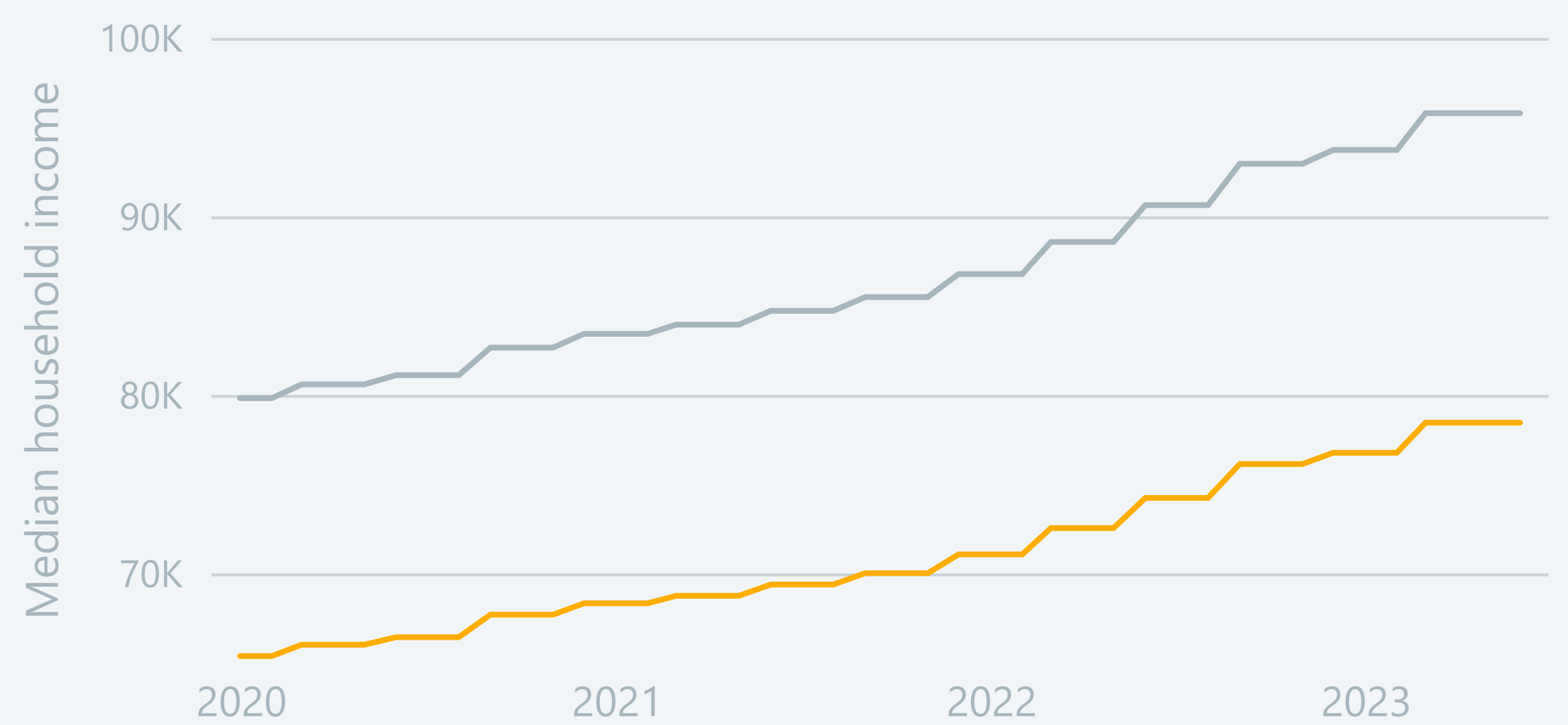
Change in benefit rates by Ethnicity

● Job Seeker Support ● Means Tested Benefit ● Single Parent Support



Median Household Income over time

● National ● Dunedin City



As of June 2023, the median household income (adjusted for inflation) in Dunedin City was \$78,449. This is 18.1% less than the national median.

Within Dunedin City, the benefit rate by ethnicity with the greatest increase in the last 12 months was Means Tested Benefit for Pacific Peoples, up 13.71% to a value of 3.02 claimants per 100 working adults (15-64yrs). Comparatively, Job Seeker Support for Pacific Peoples saw the greatest decrease over the last 12 months, down 10.7% to 5.69 claimants per 100 working adults.

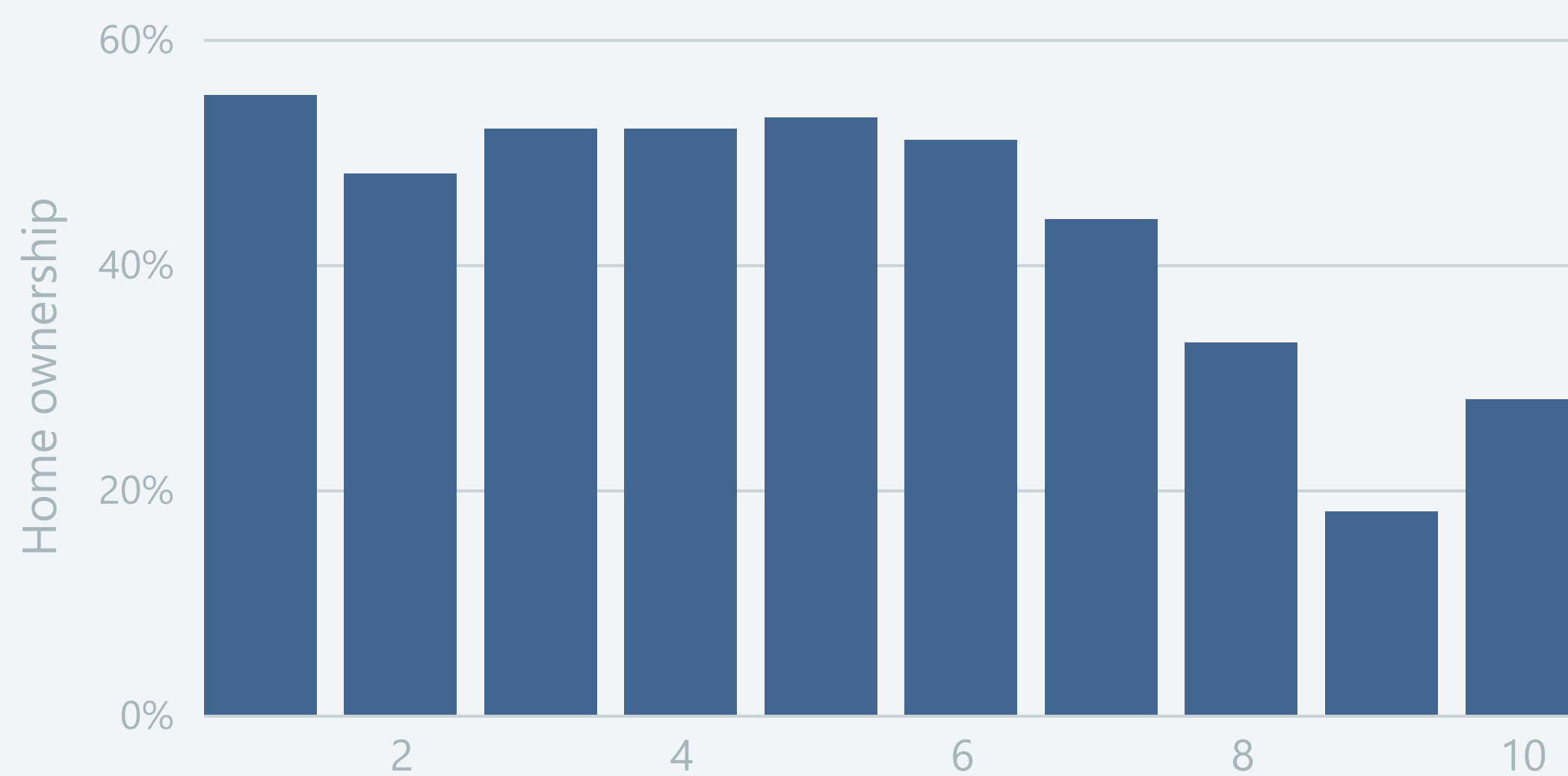
Key Pillar Changes

Years to save for a house deposit Jun 2023 **11.0** ▽ 2.97% % change is from March 2023

Rental affordability (% of income spent on rent) Jun 2023 **31.7%** ▲ 0.26% % change is from March 2023

Purchasing affordability (% of income spent on mortgage repayments) Jun 2023 **8.3%** ▽ 3.09% % change is from March 2023

Home Ownership by Deprivation Index



In Dunedin City, communities with a deprivation index of 1 have the highest rates of home ownership. The home ownership rate in these communities is 3.1 times greater than those communities with a deprivation index of 9 (the deprivation decile with the lowest home ownership rate). Deprivation and home ownership are as at March 2018.

Greatest Change in Rental Affordability

Multiple communities saw the greatest change in the percentage of income spent on rent over the last 3 months, with a 0% unchanged. Of these communities, Waikouaiti was the most unaffordable in June 2023, with 35.7% of annual household income spent on rent.

Community	% Change	Rental Affordability
Bucklands Crossing	— 0.00	25.20
Momona	— 0.00	22.80
Mount Cargill	— 0.00	25.50
Taieri	— 0.00	9.80
Waikouaiti	— 0.00	35.70

Greatest Change in Purchasing Affordability

Harbourside saw the greatest change in the percentage of income spent on mortgage repayments, with a 5% increase over the last 3 months. Of these communities, Harbourside was the most unaffordable in June 2023, with 40% of annual household income spent on mortgage repayments.

Community	% Change	Purchasing Affordability
Campus South	▽ 4.88	19.50
Halfway Bush	▽ 4.23	6.80
Harbourside	▲ 4.99	40.00
Maori Hill	▽ 3.66	7.90
Maryhill	▽ 4.17	6.90

i Purchasing affordability is the percentage of annual median household income that would be spent on mortgage repayment (based on purchasing at the median house price with a 20% deposit over 30 years assuming a fixed interest rate of 4%). Rental affordability is also based on the median annual household income.

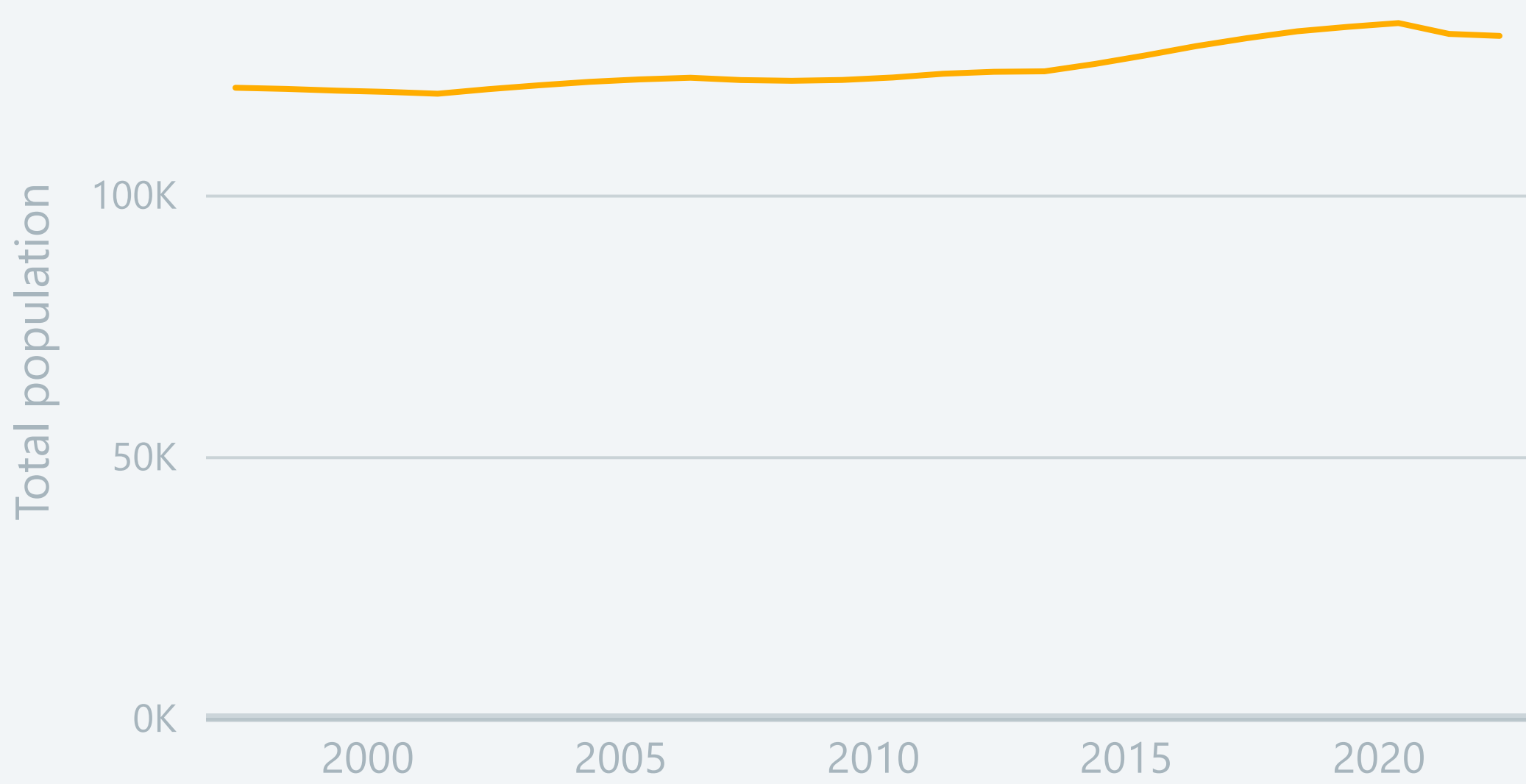


Demographics

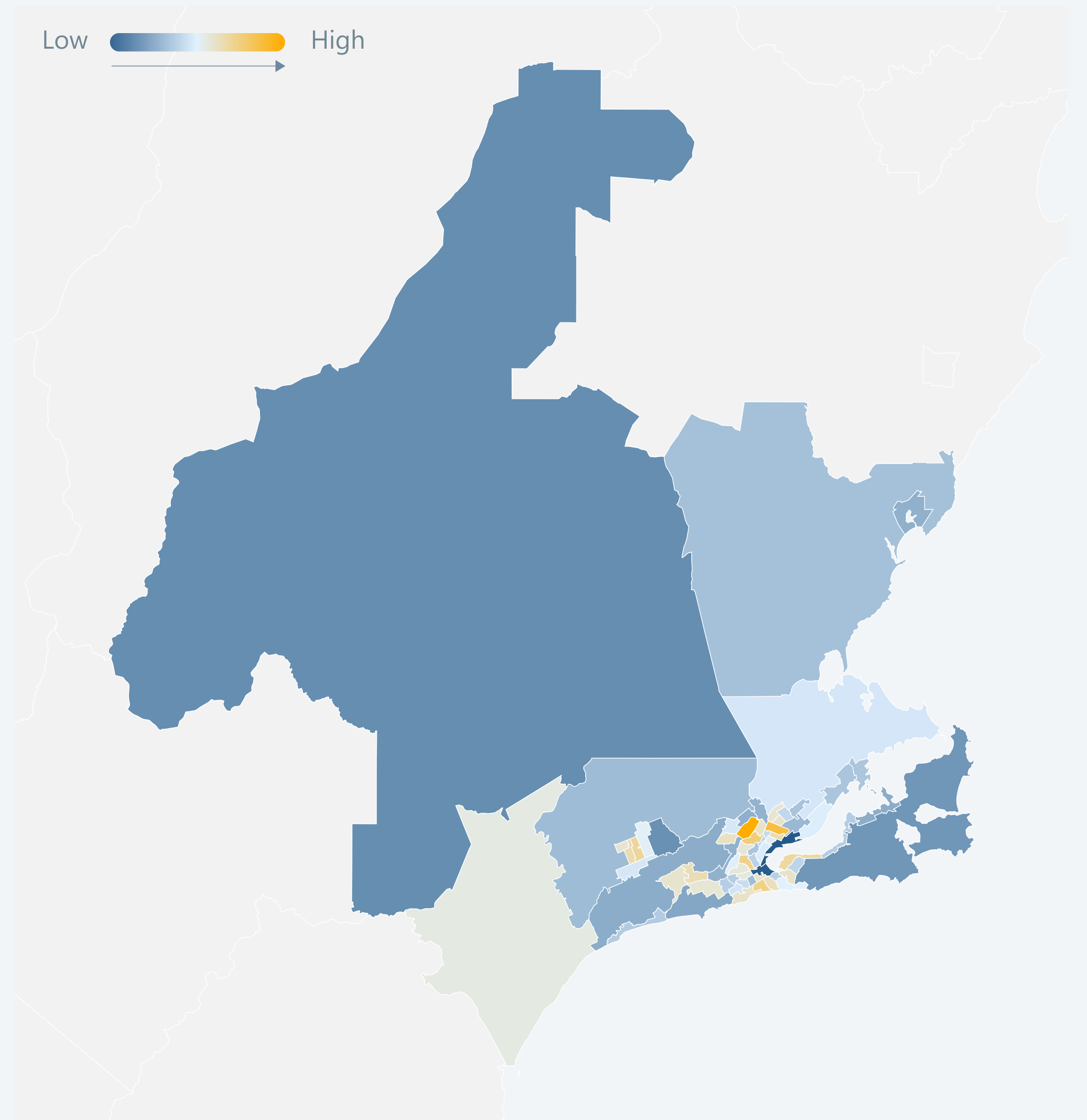
Estimated population

130.33K

Is the estimated total population in Dunedin City in 2022. The population in the area has decreased by 0.29% or 380 people since 2021.

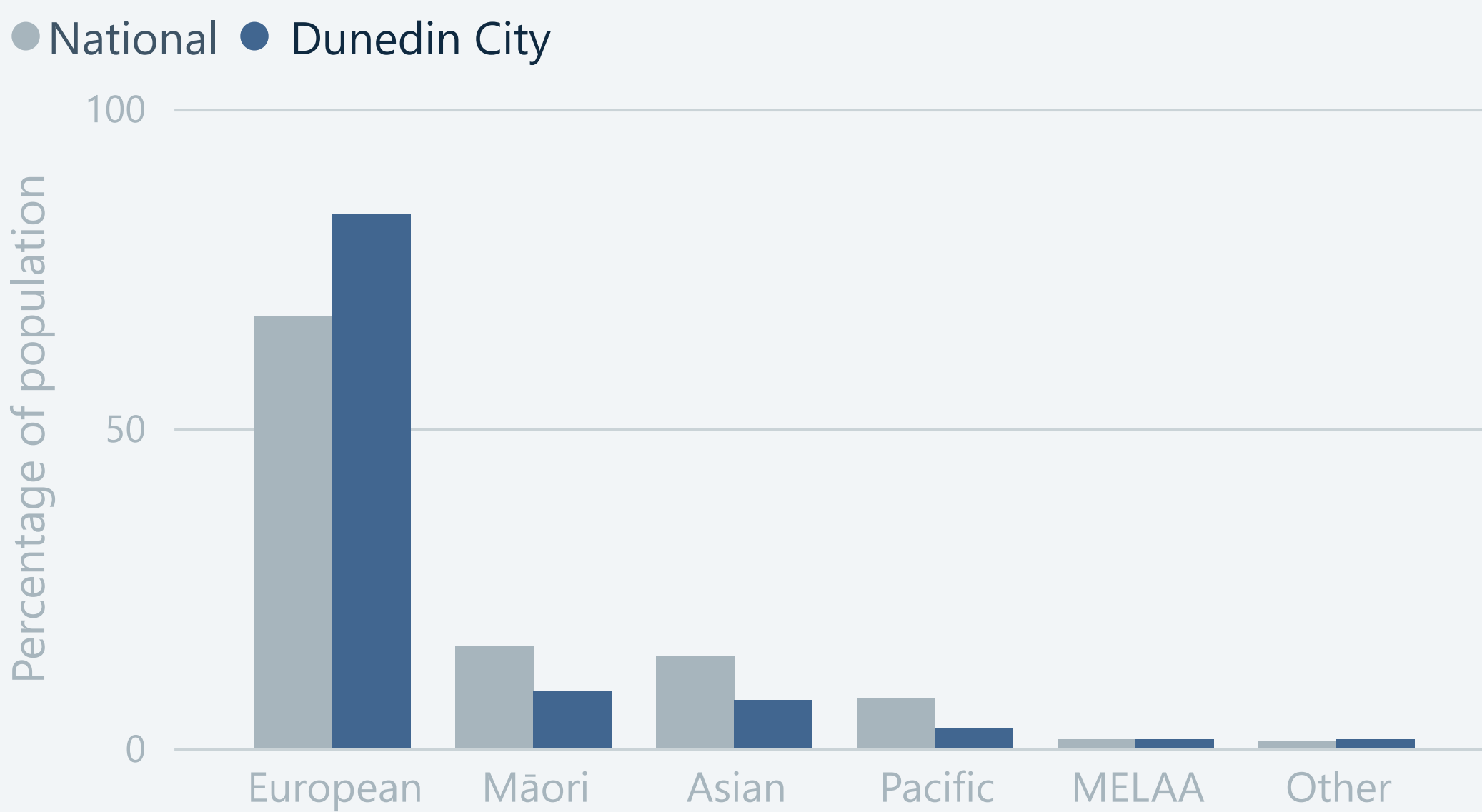


Population distribution



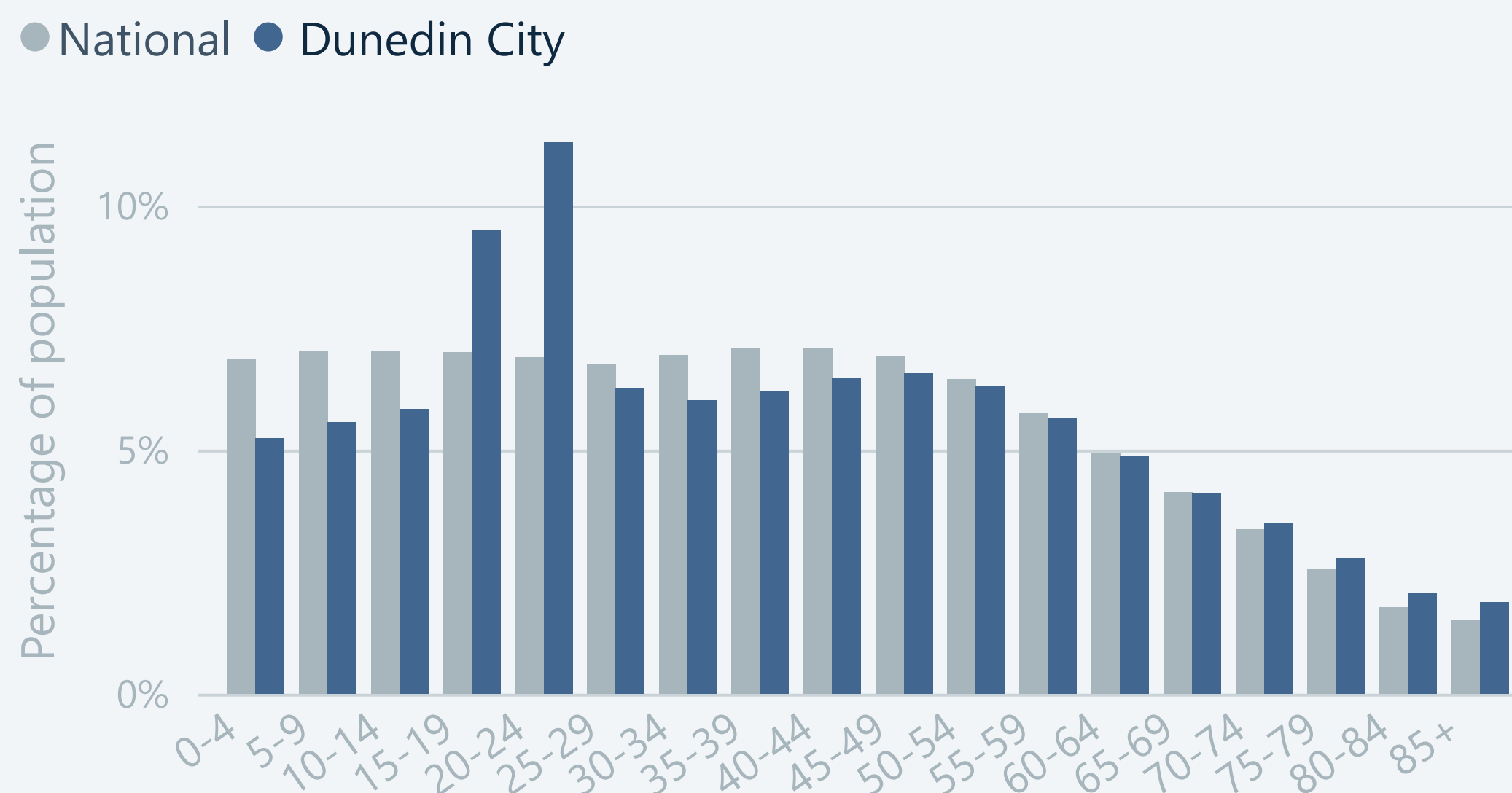
In June 2022, Campus North saw the greatest change in population, with an increase of 3.9% since June 2021.

Ethnic distribution



As of March 2018 the largest ethnic group in Dunedin City is European (83.6%), 23.6% larger than the national percentage. The ethnicity that has had the greatest change since March 2013 is MELAA, increasing by 51.06%.

Age distribution



As of June 2022 the largest age band in Dunedin City is 20-24 (9.5%), 50.7% larger than the national distribution. The age band that has had the greatest change since June 2021 is 75-79, increasing by 7.52%.