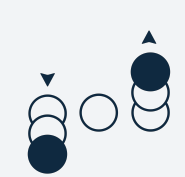


Quarterly Report

Rotorua District

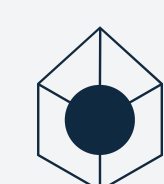
Summary

Below we've presented a summary of Rotorua District's key metrics this quarter:

 Total tourism spend this quarter

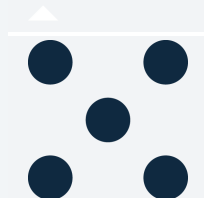
 **\$92.9M**

During the quarter to June 2023, \$92.9M was spent in Rotorua District by New Zealanders living outside of the district and international tourists, with a decrease of 21.46% 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 Rotorua District, with a decrease of 4.17% compared with March 2023.

 Gambling spend per capita

 **\$112**

As of March 2023, an average of \$112.0 was spent by individuals over 18 years in Rotorua District through electronic gaming machines, with a decrease of 8.38% compared with December 2022.

 Crime rate

 **82.9**

In June 2023, Rotorua District had a crime rate of 82.9 incidents per 10,000 people, with an increase of 4.07% compared with March 2023.

 Deprivation Index



 **9.0**

As of June 2023, the deprivation within Rotorua District is 9.0 and this is unchanged since May 2023.

 Job seeker support rate

 **10.0%**

In June 2023, 10.0% of the working population (15-64 years) in Rotorua District claimed Job Seeker Support, with a decrease of 5.69% compared with June 2022.

 Trending Up  Trending Down  Improving  Worsening  No Change

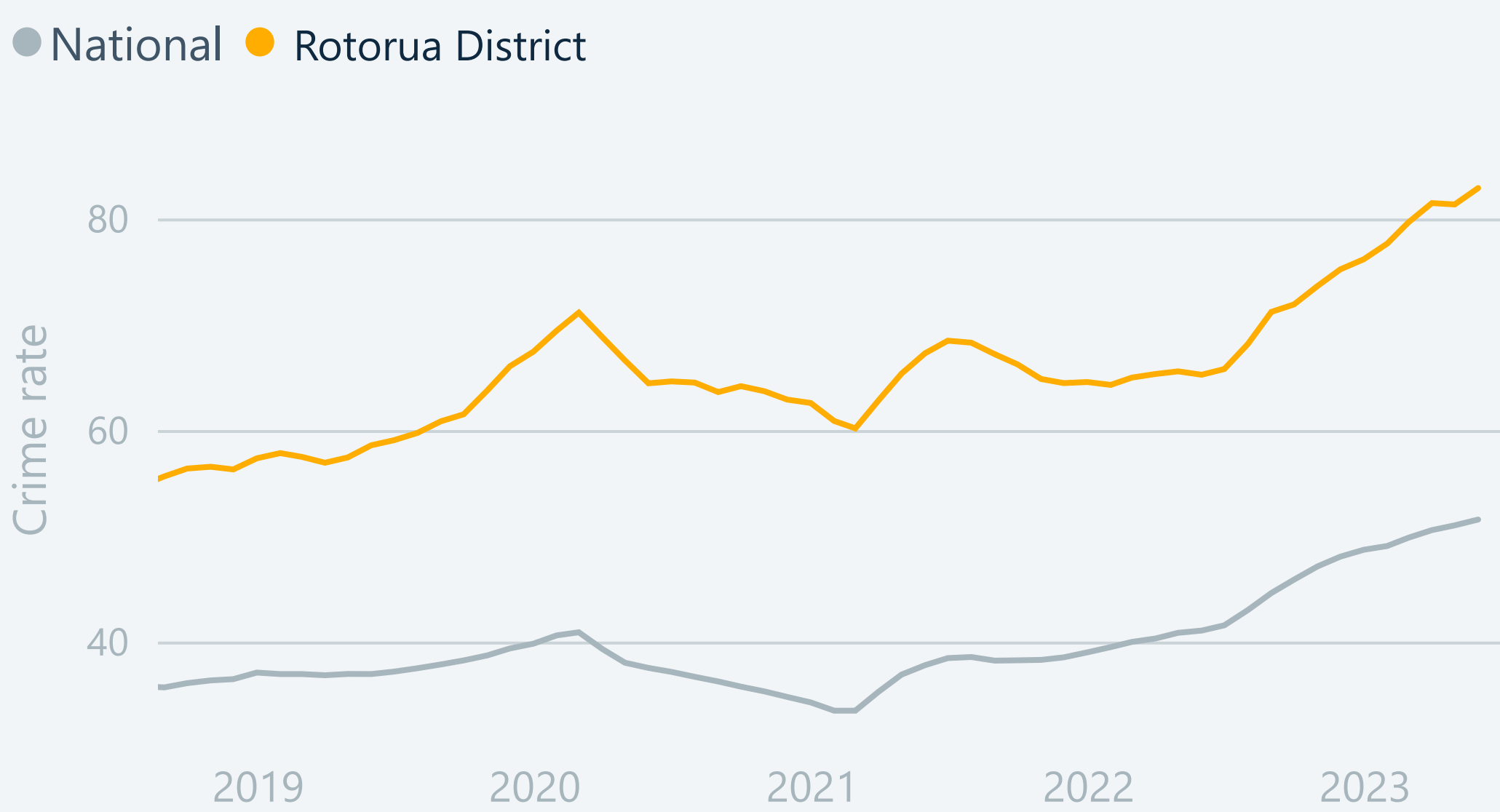
Key Pillar Changes

Crime rate Jun 2023 **82.9** ▲ 4.07% % change is from March 2023

Crime type with the greatest change in crime rate Jun 2023 **Abduction** ▲ 11.22% % change is from March 2023

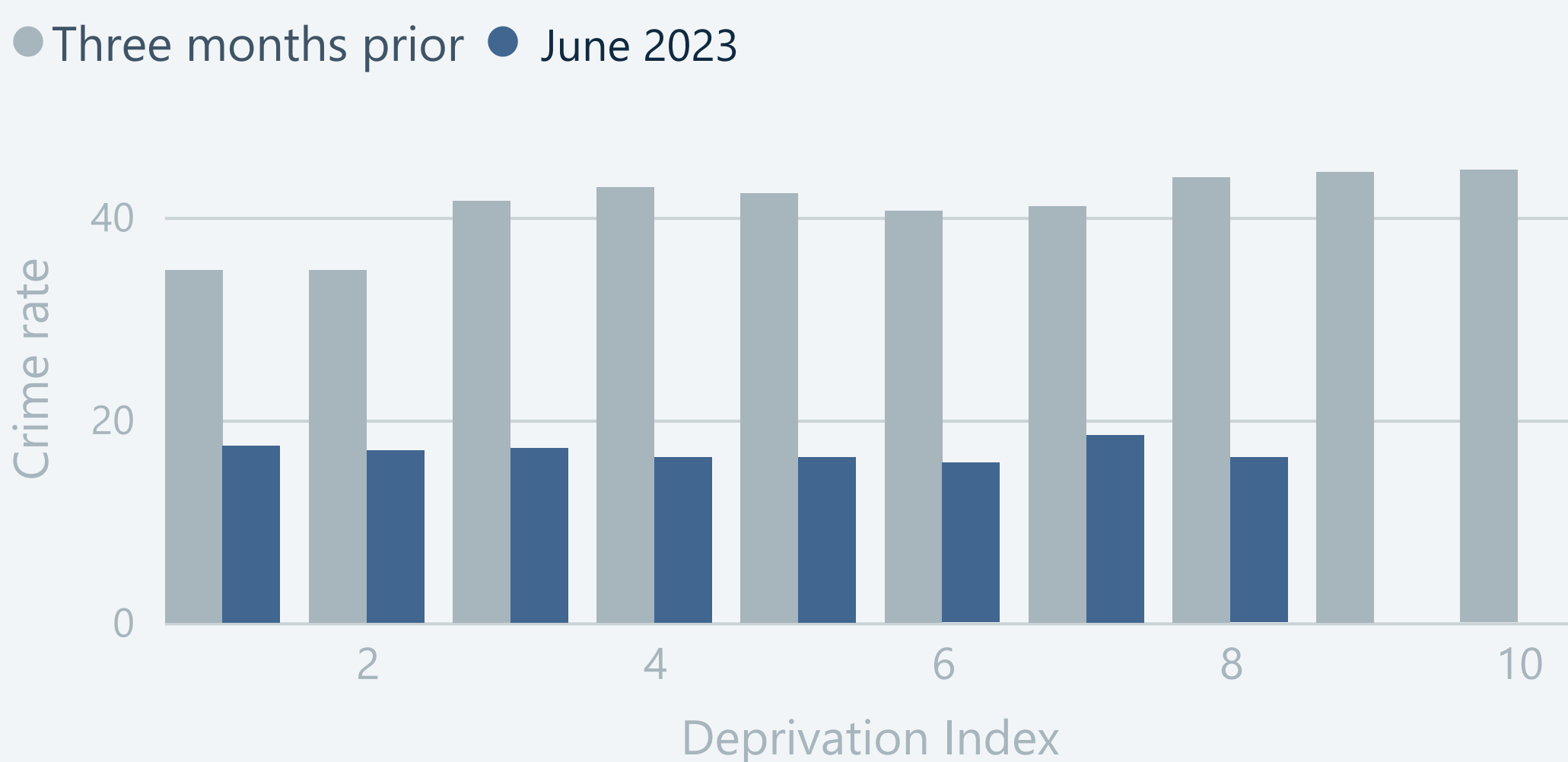
Community with greatest change in crime rate Jun 2023 **Springfield South** ▲ 46.88% % change is from March 2023

Comparison to National Crime Rate



Compared with the same time last year the crime rate in Rotorua District has increased by 27.1%, and is now 82.9 as at June 2023. The crime rate is 60.8% above the national rate of 51.5.

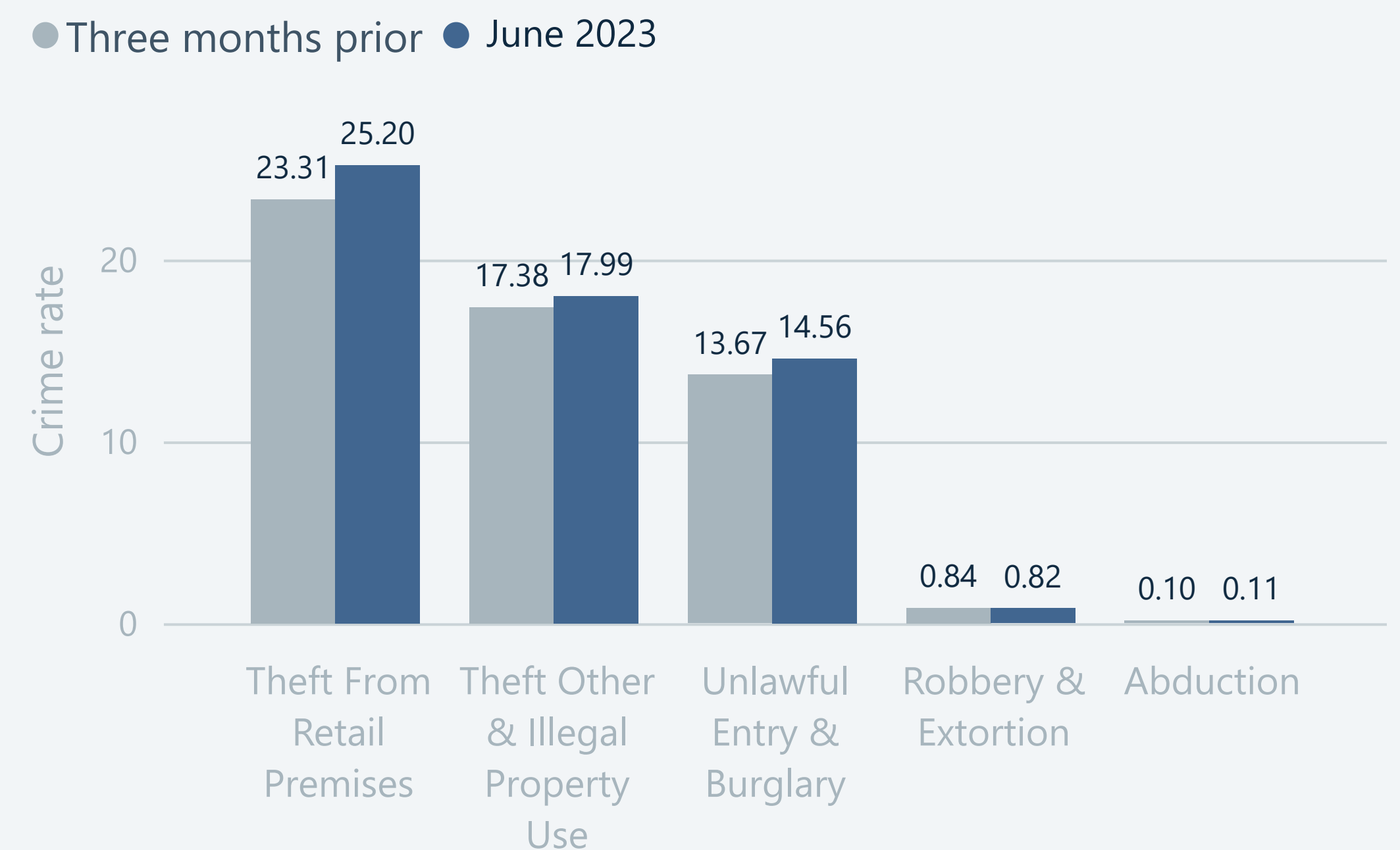
Crime Rate by Deprivation Index



In Rotorua District, communities with a deprivation index of 7 have the highest crime rate. The crime rate in these communities is 1.2 times higher than those with a deprivation index of 6, the group with the lowest crime rate. Communities with a deprivation index of 1 have seen the greatest change in their crime rate over the last 3 months, with an increase of -49.9%.

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 Rotorua District, the most prevalent type of crime in June 2023 was 'Theft From Retail Premises'. The type of crime that had the greatest change in the last 3 months was 'Abduction', with an increase of 11.2%.

Communities with Greatest Change

Community	% Change	Crime rate
Springfield South	▲ 46.88	16.7
Springfield North	▲ 40.42	19.9
Sunnybrook	▲ 21.96	22.9
Tui Ridge	▲ 21.68	17.4
Pukehangi North	▲ 18.15	38.4

Springfield South saw the greatest change in crime rate over the last 3 months in Rotorua District, with an increase of 46.9%.

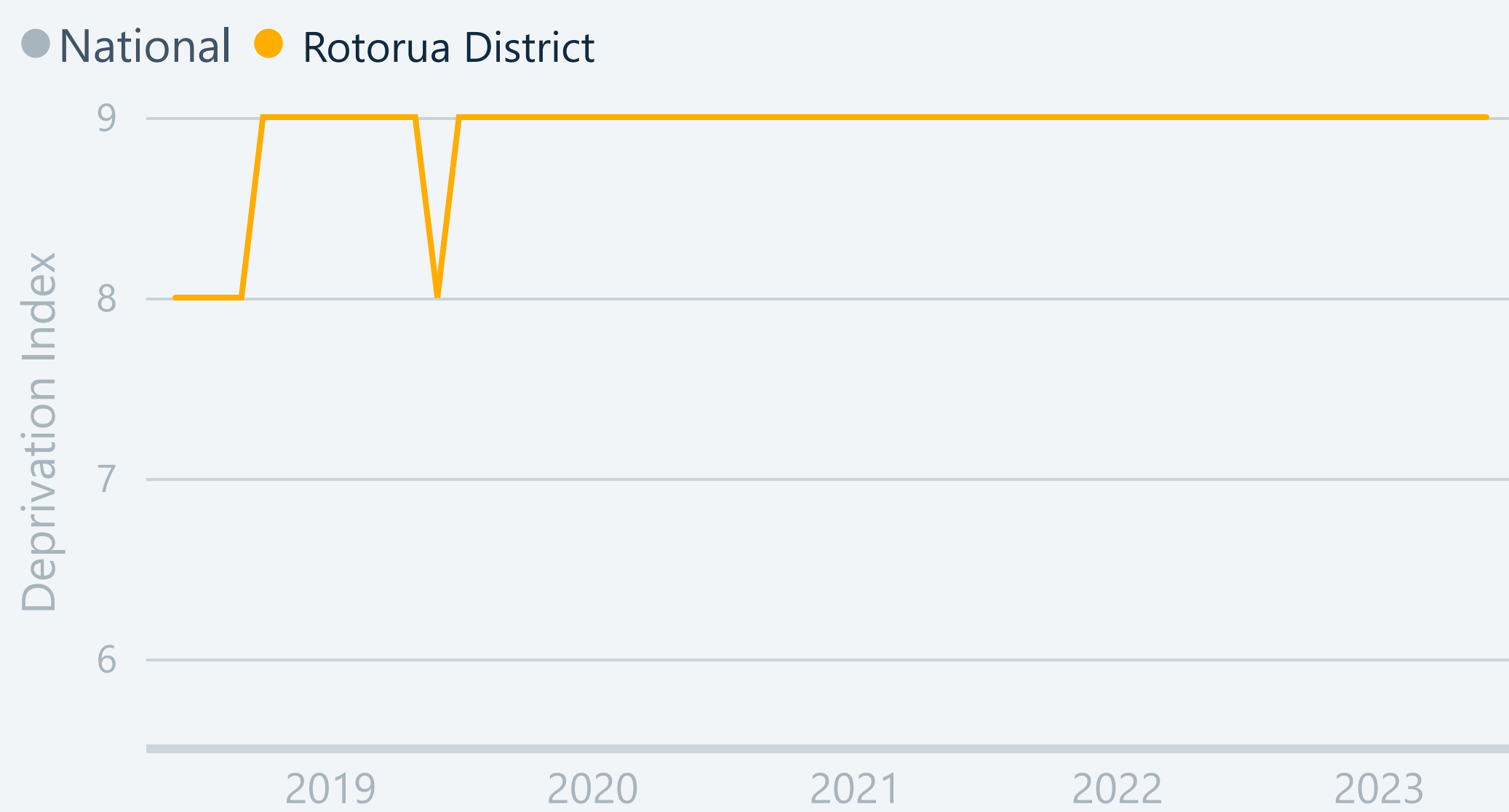
Key Pillar Changes

Deprivation Index Jun 2023 **9.0** — 0% % change is from May 2023

Community with greatest decrease in deprivation score Jun 2023 **Rotorua Central** ▽ 6.85% % change is from June 2022

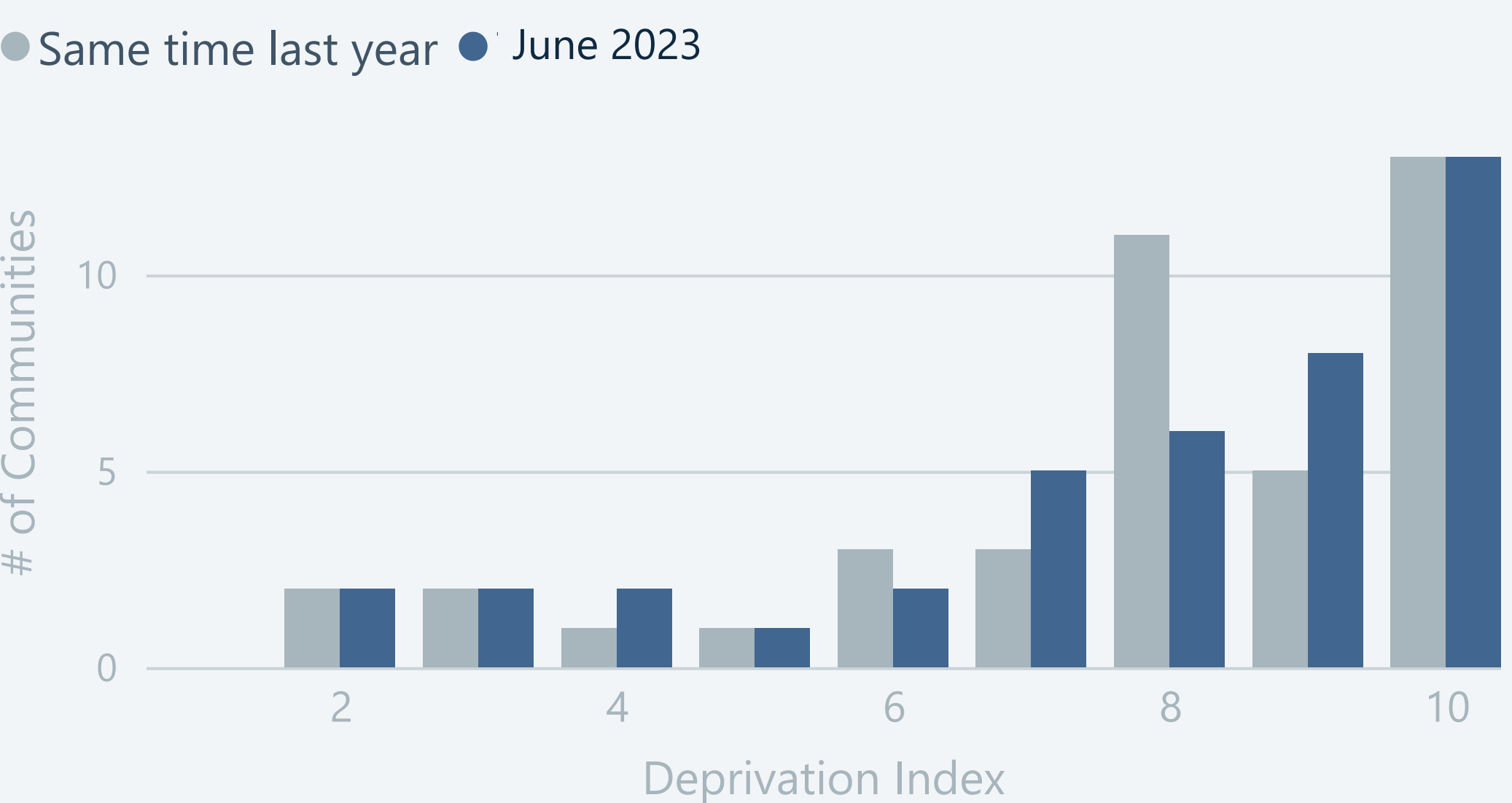
Community with greatest increase in deprivation score Jun 2023 **Arahiwi** ▲ 9.52% % change is from June 2022

Comparison to National Deprivation Index



Compared to the same time last year, the deprivation index of Rotorua District has seen no change by 0%, and is now 9 in June 2023. The deprivation index is 63.6% above the national median index of 5.5.

Distribution of Deprivation Index



In Rotorua District, 65.9% of the population live in highly deprived communities (deprivation index 8-10), whereas 9.8% live in high socio-economic performing communities (deprivation index 1-3).

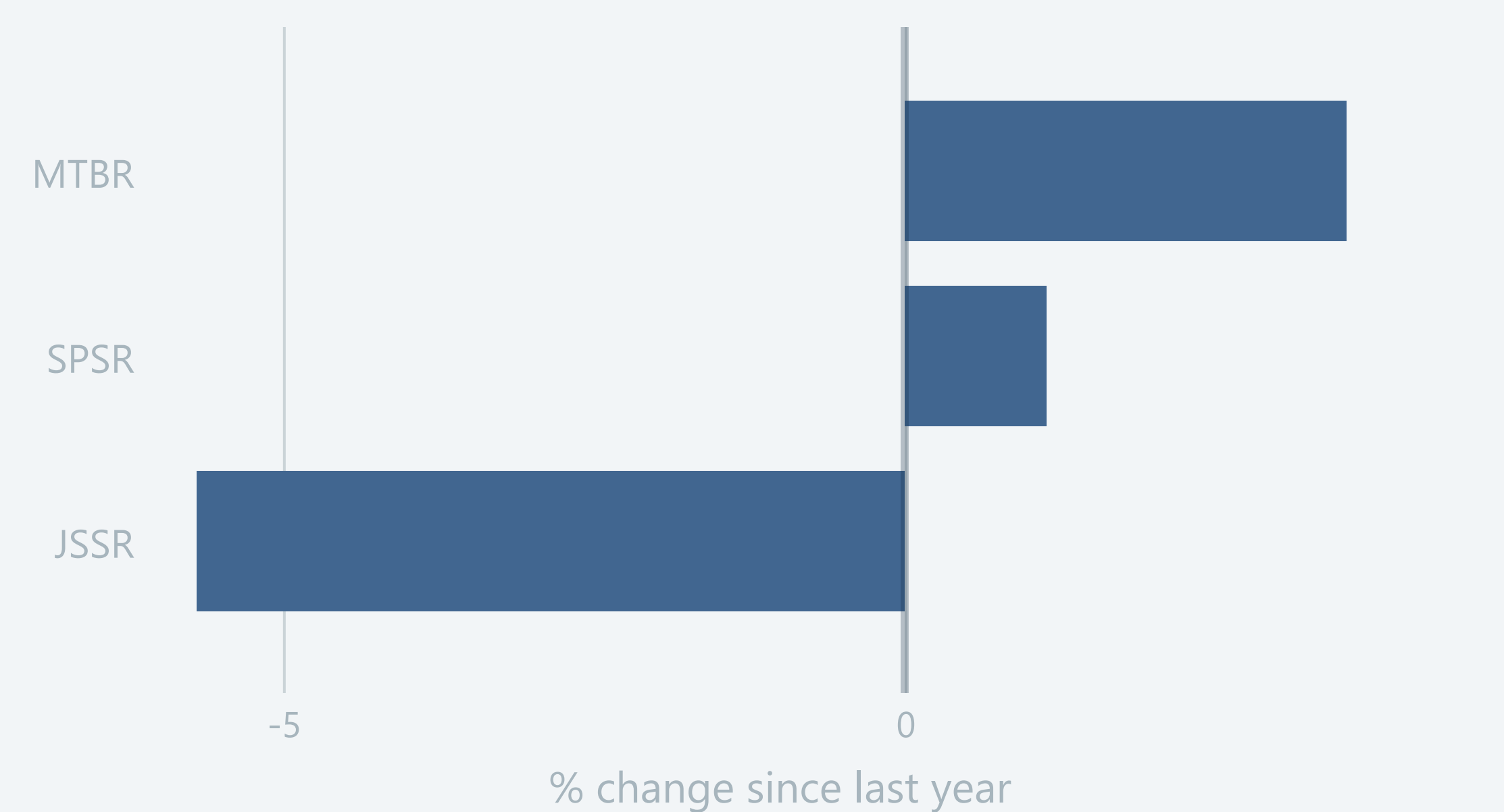
i Each month, small geographical areas are assigned a deprivation score. These areas are then assigned a deprivation index through deciles. A deprivation index of 1 represents the least deprived areas and a deprivation of 10 the most deprived.

Communities with the Greatest Change

Community	% Change	Depr. score
Arahiwi	▲ 9.52	1,115.44
Rotorua Central	▽ 6.85	1,174.96
Kuirau	▽ 5.79	1,242.67
Pomare	▽ 4.12	940.82
Tihiotonga-Whakarewarewa	▽ 3.01	1,064.19

The community with the greatest change in deprivation score since the same time last year was Arahiwi, with a 9.5% increase.

Benefit Deprivation Indicators



The benefit deprivation indicator that has changed the most in the last year is Job Seeker Support Rate (JSSR) which saw a 5.69% decrease. The bars above represent Single Parent Support rate (SPSR), Means Tested Benefit rate (MTBR) and Job Seeker Support rate (JSSR).

Key Pillar Changes

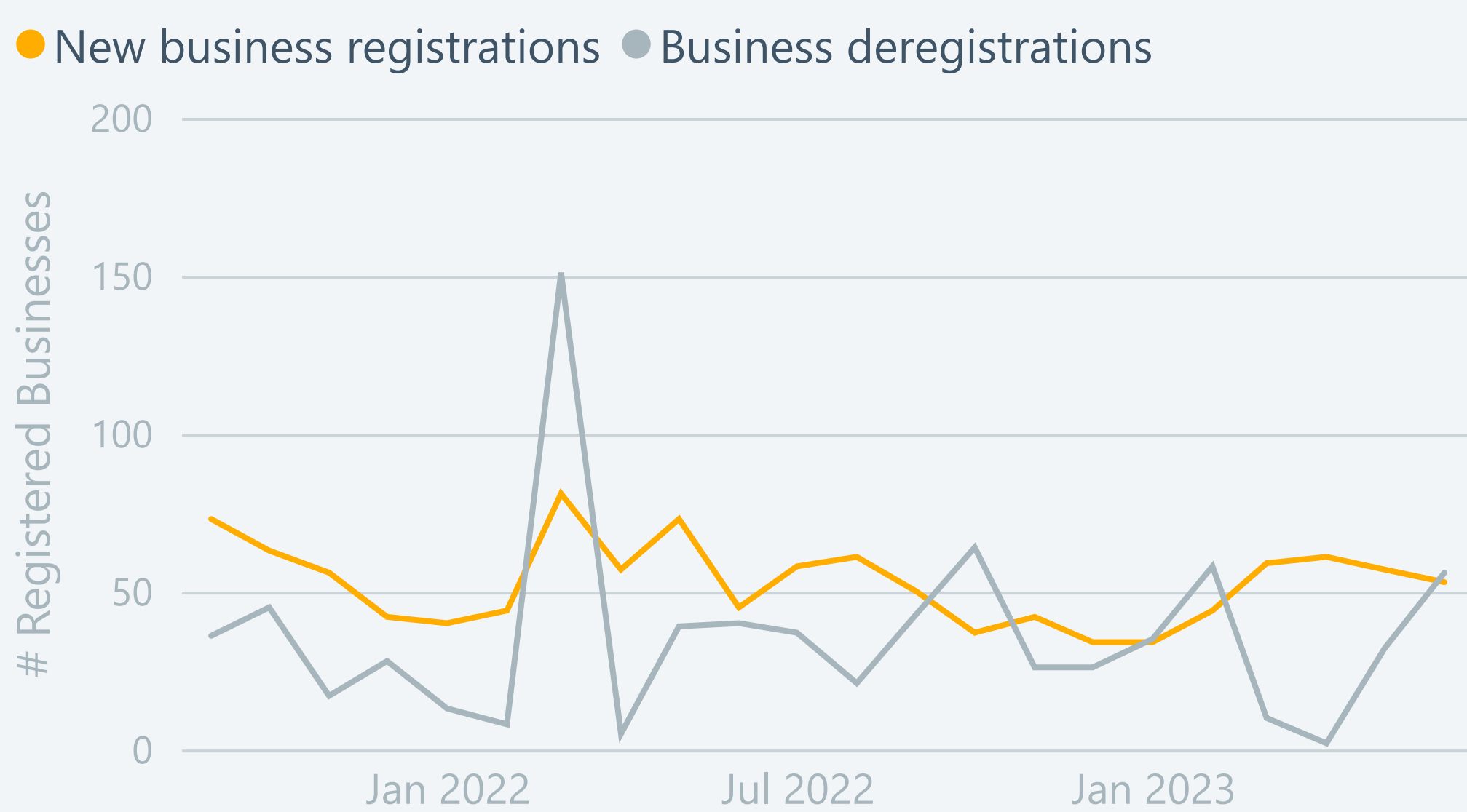
New Business Registrations this month	Jun 2023	53.0	▼ 10.17%	% change is from March 2023
Business Deregistrations this month	Jun 2023	56.0	▲ 460%	% change is from March 2023
Total tourism spend this quarter	Jun 2023	\$92.9M	▼ 21.46%	% change is from March 2023

Total number of businesses registered to date



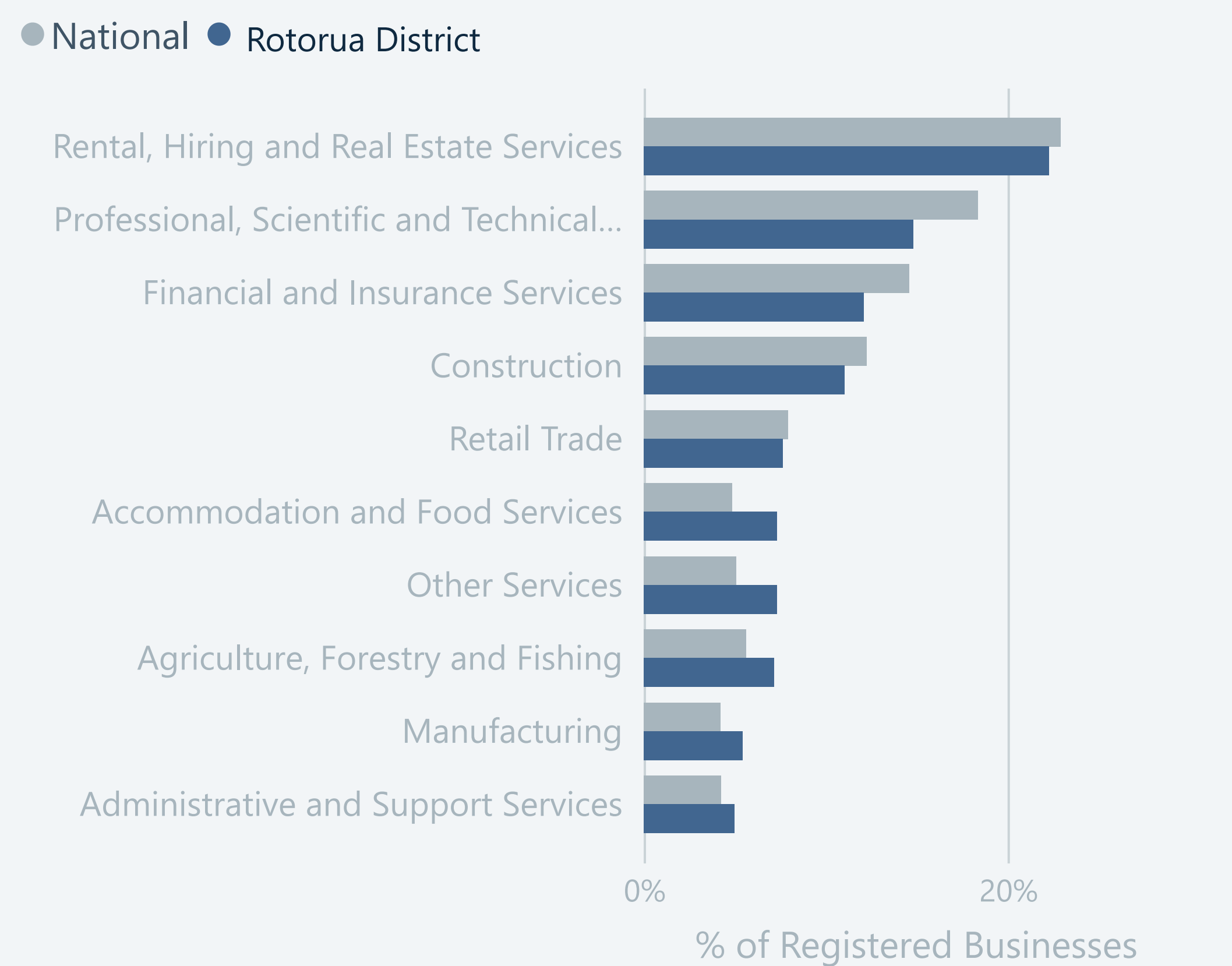
As of June 2023 there were 10105 registered businesses in Rotorua District. Over the last 12 months the number of registered businesses has increased by 180. Nationally, the number of registered businesses has increased by 1.7%.

Business openings and closings in the last year



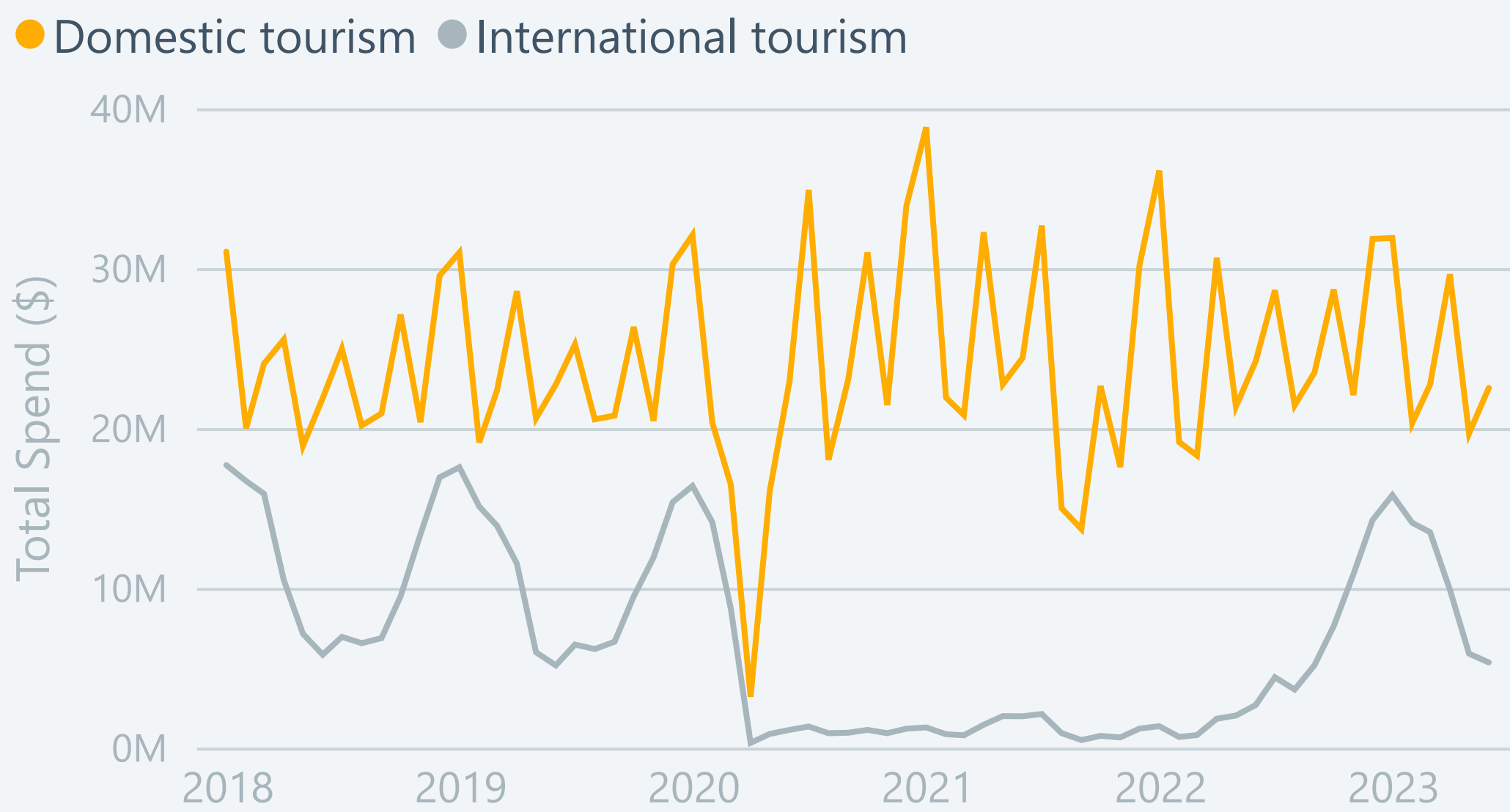
Comparing June 2023 with June 2022 Rotorua District has seen an increase in the number of new business registrations of 17.8% and an increase in the number of business deregistrations of 40%.

Distribution of registered businesses by industry



Rental, Hiring and Real Estate Services is the largest industry operating in Rotorua District and makes up 18.7% of all currently registered businesses.

Tourism spend this quarter



In June 2023, \$27.8M was spent in Rotorua District from domestic and international visitors to the district. Domestic tourism made up 80.9% of total tourism spend, and has decreased by 6.87% since the same time last year, whereas international tourism has increased by 99.67% in the same time period.

Visiting countries with the greatest spend

Visiting country	\$ Change	Spend
Australia	▲ \$3M	\$5.6M
Rest of Asia	▲ \$1.1M	\$1.4M
Rest of Europe	▲ \$1.5M	\$1.8M
United Kingdom	▲ \$723K	\$2.3M
United States of America	▲ \$4.2M	\$5.2M

This quarter, the largest spend from international tourists visiting Rotorua District came from Australia, with tourists spending \$5.6M. This represents an increase of \$3M since the same quarter last year.

Visiting regions with the greatest spend

Visiting region	\$ Change	Spend
Bay of Plenty	▼ \$471K	\$15.1M
Waikato	▼ \$910K	\$19.6M
Manawatu-Wanganui	▼ \$435K	\$2.6M
Auckland	▼ \$1.3M	\$20.4M
Wellington	▼ \$606K	\$4.2M

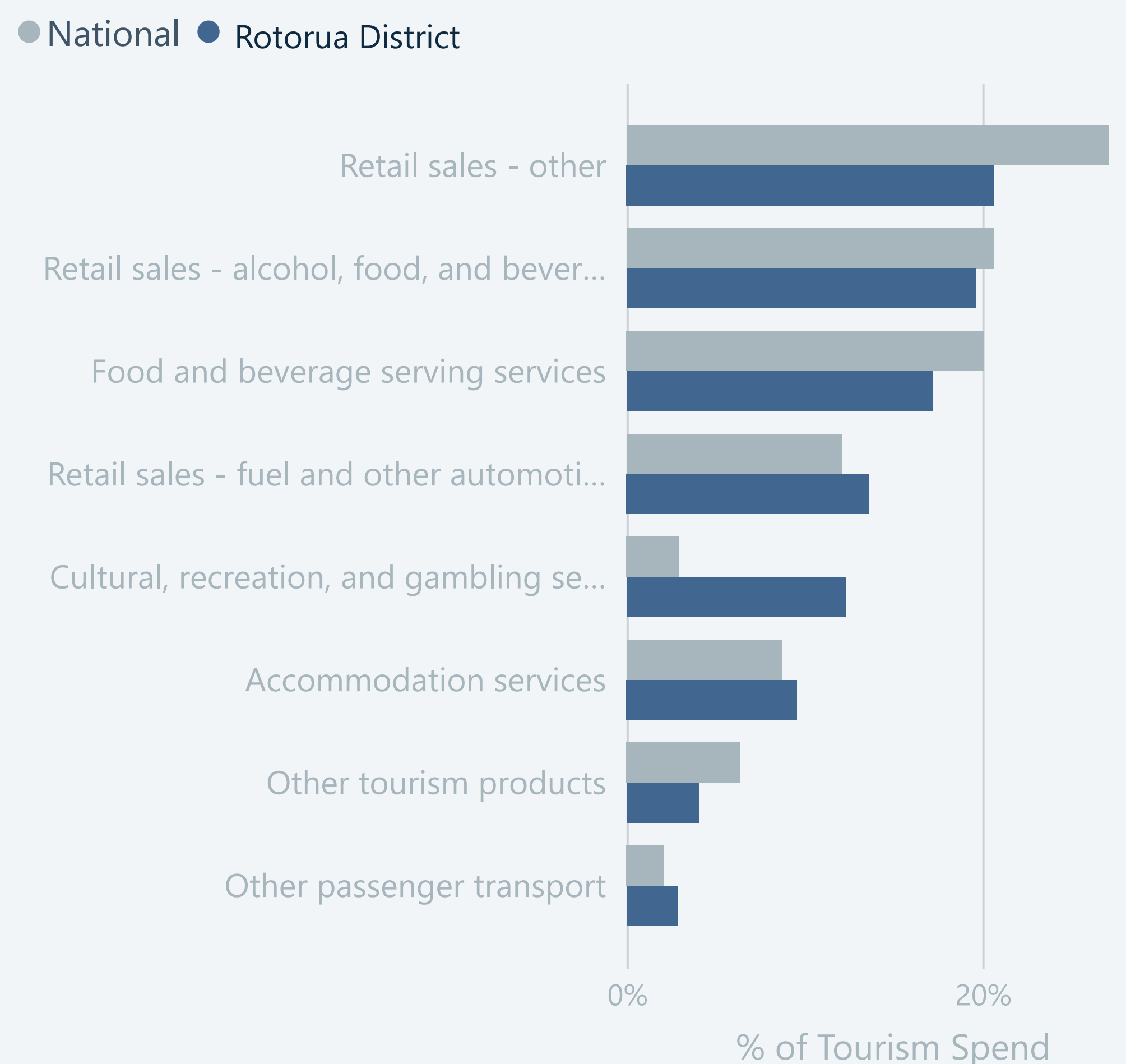
This quarter, the largest spend from domestic tourists visiting Rotorua District came from the Auckland region, with tourists spending \$20.4M. This represents a decrease of \$1.3M since the same quarter last year.

Visiting countries with the greatest % change

Visiting country	\$ Change	Spend
Germany	▲ \$511K	\$585K
Rest of Americas	▲ \$250K	\$273K
Korea	▲ \$185K	\$212K

This quarter, Rotorua District saw the greatest % change in international tourism spend from those visiting from Rest of Americas since the same quarter last year, with a \$250K increase in spend.

Tourism spend by industry



In Rotorua District tourists spent the most on Retail sales - other this quarter, which was 20.6% of all tourism spend. This is 24% smaller than the national proportion.

Visiting regions with the greatest % change

Visiting region	\$ Change	Spend
Marlborough	▼ \$26K	\$96K
Nelson	▼ \$50K	\$92K
Southland	▼ \$67K	\$229K

This quarter, Rotorua District saw the greatest % change in domestic tourism spend from those visiting from the Nelson region since the same quarter last year, with a \$50K decrease 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.

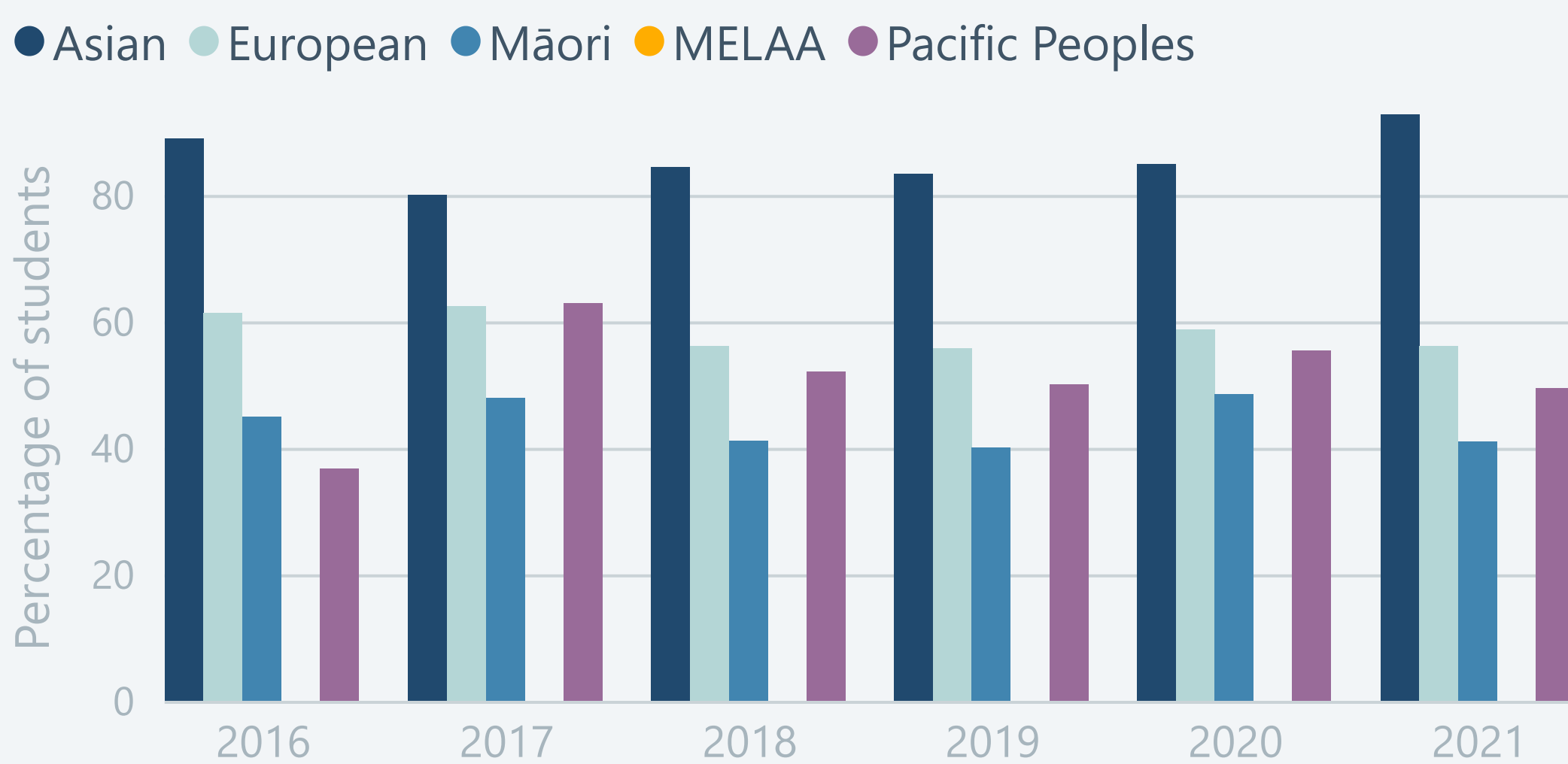
Key Pillar Changes

Secondary school retention Jan 2021 **71.0%** ▼ 4.43% % change is from January 2020

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

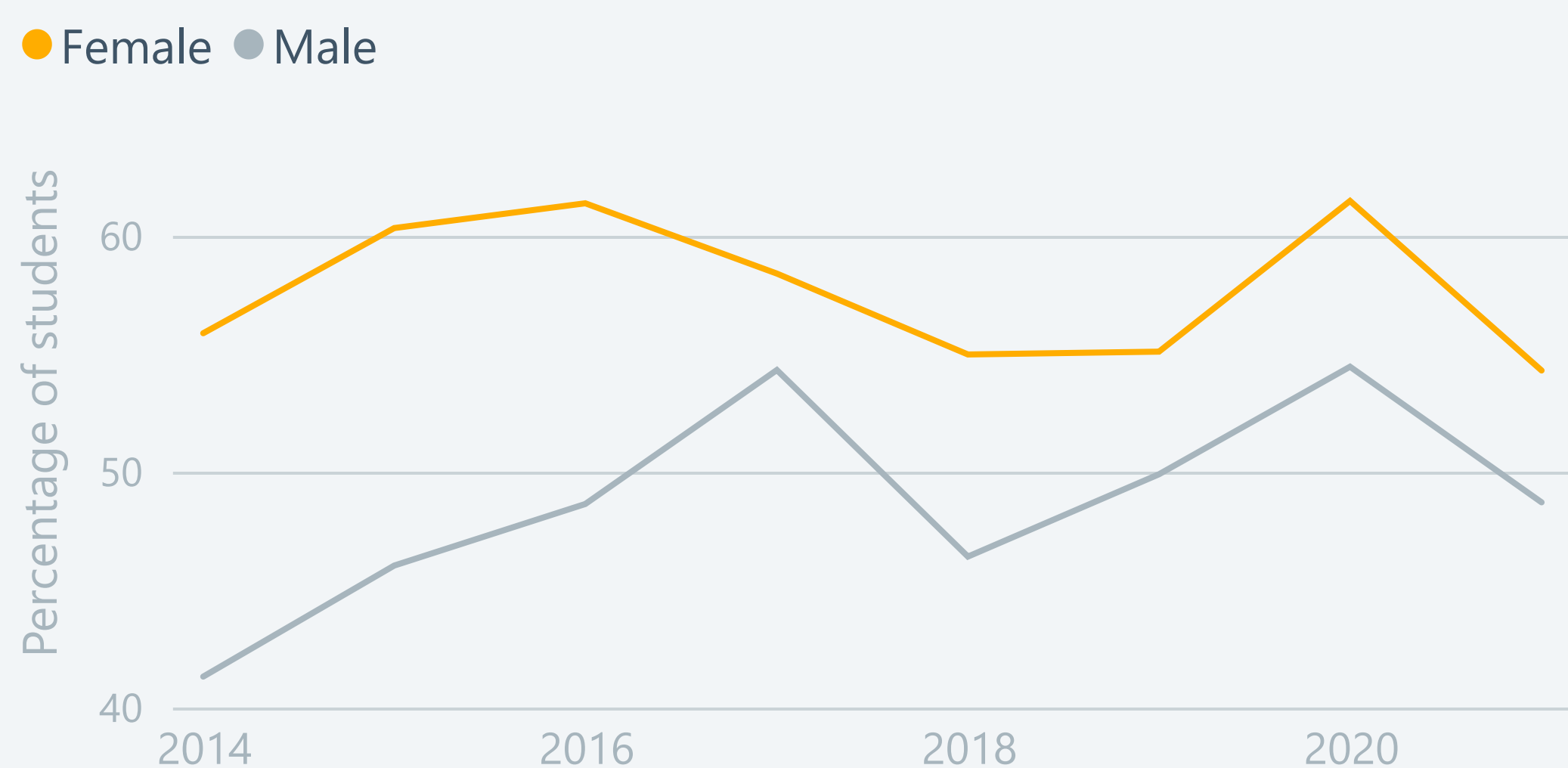
Ethnicity with greatest change in secondary school retention Jan 2021 **Asian** ▲ 11.13% % change is from January 2020

School leavers with NCEA3 level by ethnicity



In 2021, Asian students in Rotorua District had the greatest proportion of students leaving with NCEA3. This is 2.27 times larger than Māori students, who have the lowest proportion of students leaving with NCEA Level 3. Māori students have seen the greatest change in NCEA Level 3 pass rates, with an increase of 21.4%. Māori NCEA Level 3 pass rates in Rotorua District are 103% of National Māori rates.

School leavers with NCEA3 level by gender



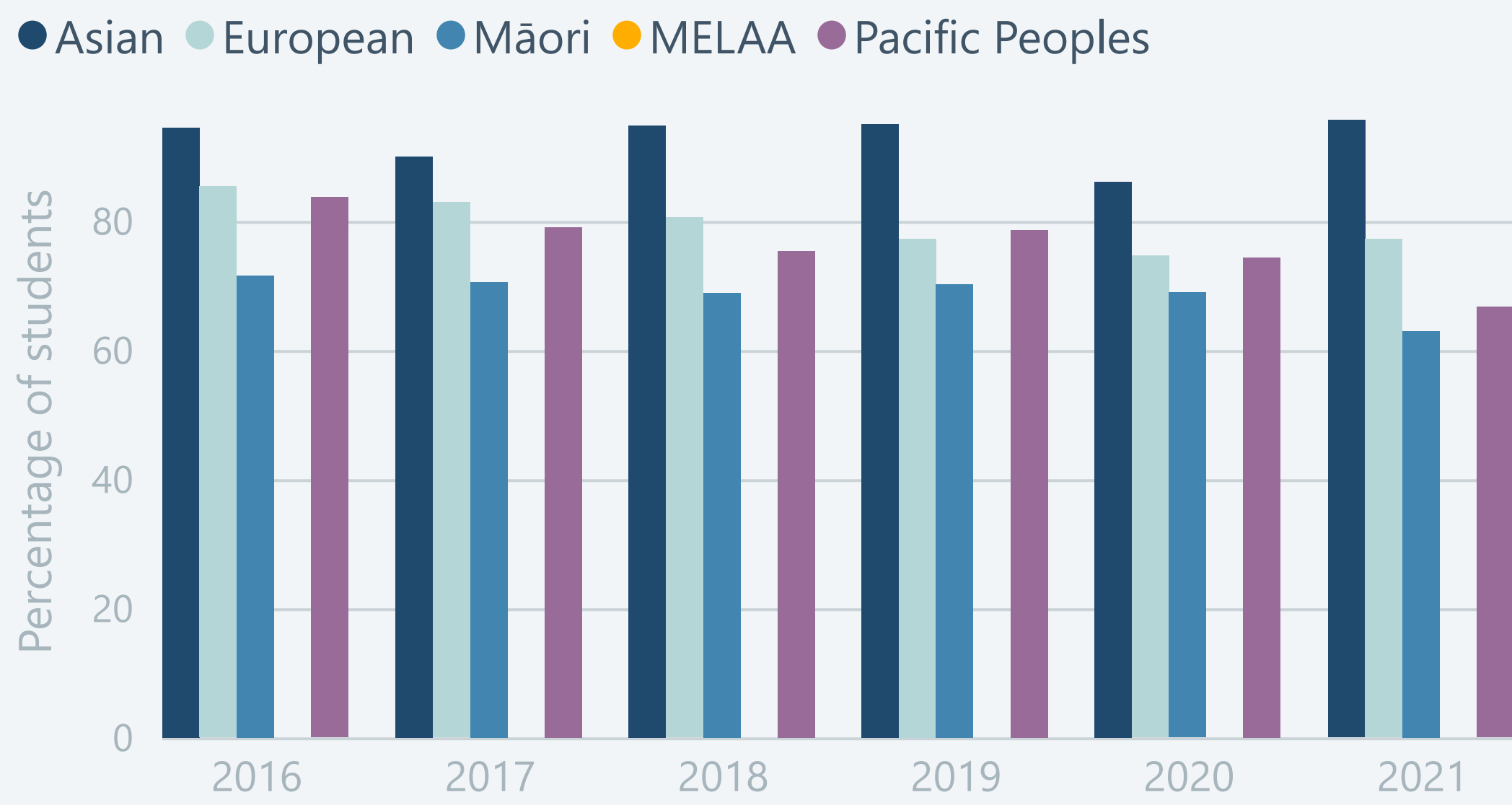
Since 2014, on average the percentage of students leaving with NCEA Level 3 in Rotorua District for female students has been 1.19 times larger than male students. In 2021, the percentage of students leaving with NCEA Level 3 for female students compared with male students was less than average. Compared to national figures, in 2021 the pass rate in Rotorua District were lower 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 Rotorua Girls' High School, with a 13.33% decrease. Note that the table includes only those schools with more than 50 students.

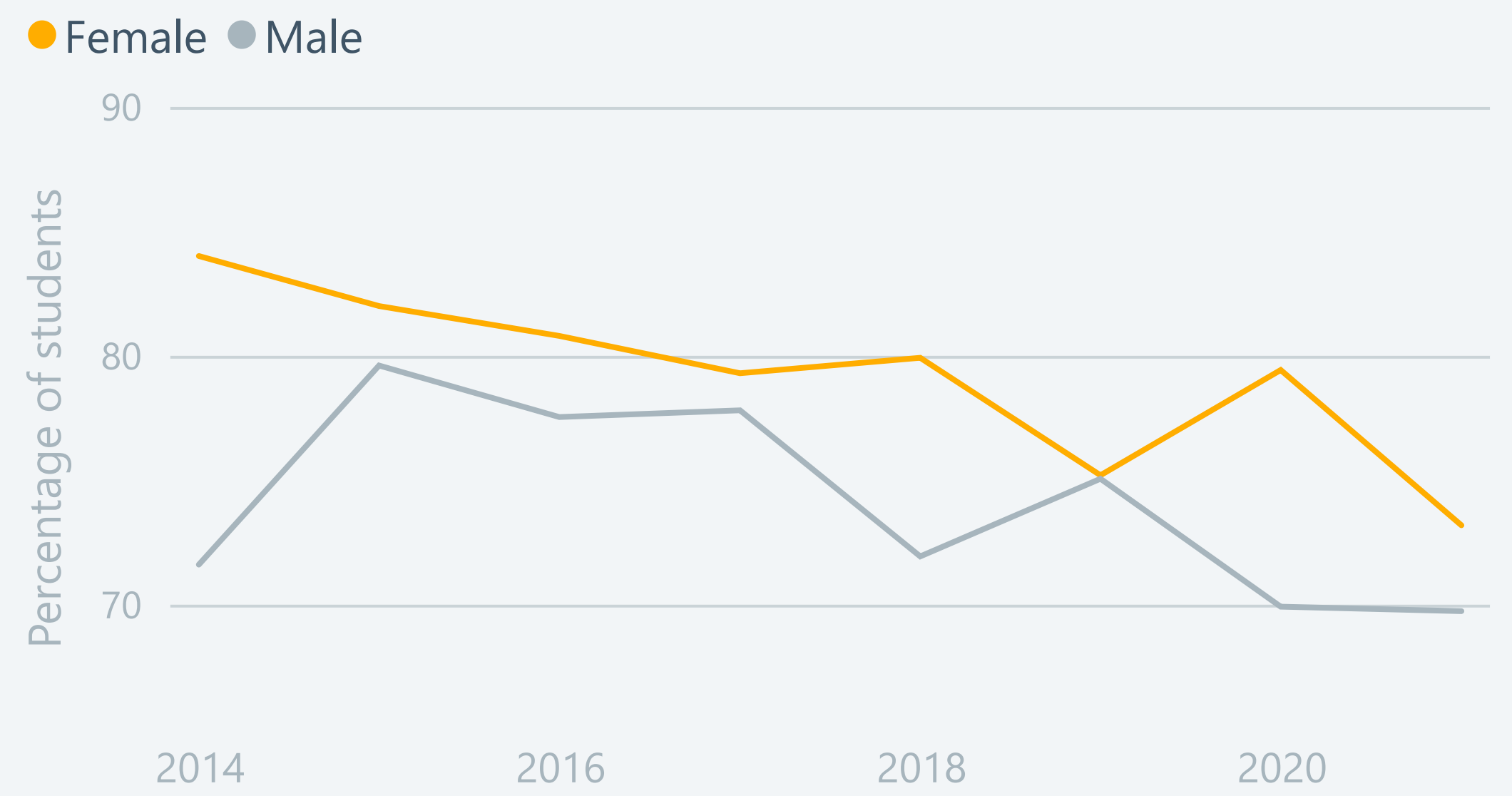
School	% Change	Pass Rate
Rotorua Girls' High School	▼ 13.33	46.67
Rotorua Boys' High School	▼ 12.79	44.93
Rotorua Lakes High School	▼ 3.45	54.48
John Paul College	▲ 0.62	80.62
Western Heights High School	▲ 0.21	43.01

Secondary school retention by ethnicity



In 2021, Asian students in Rotorua District had the greatest retention rate. This is 1.52 times larger than Māori students, who have the lowest retention rate. Māori students have seen the greatest change in retention, with a decrease of 1.8%. Māori retention rates in Rotorua District are 91% of National Māori rates.

Secondary school retention by gender



On average, since 2014, the retention rate in Rotorua District of female students has been 1.07 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 Rotorua District were lower 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 Rotorua Girls' High School, with a 9.17% decrease. Note that the table includes only those schools with more than 50 students.

Community	% Change	Retention rate
Rotorua Girls' High School	▼ 9.17	64
Rotorua Lakes High School	▲ 4.14	77
Rotorua Boys' High School	▼ 2.48	67
John Paul College	▲ 2.26	90
Western Heights High School	▼ 1.64	67

! 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.

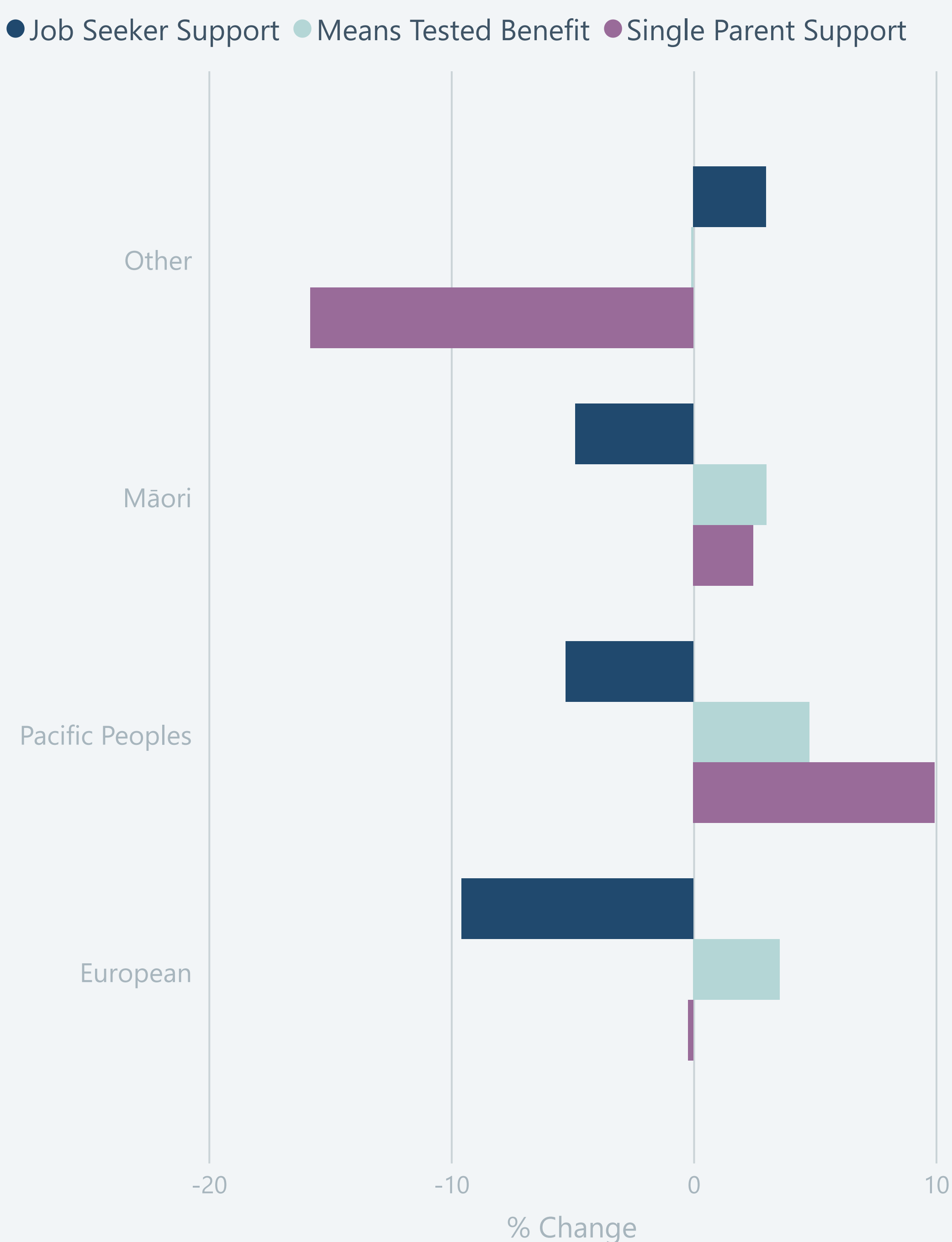
Key Pillar Changes

Job seeker support rate Jun 2023 **10.0%** ▽ 5.69% % change is from June 2022

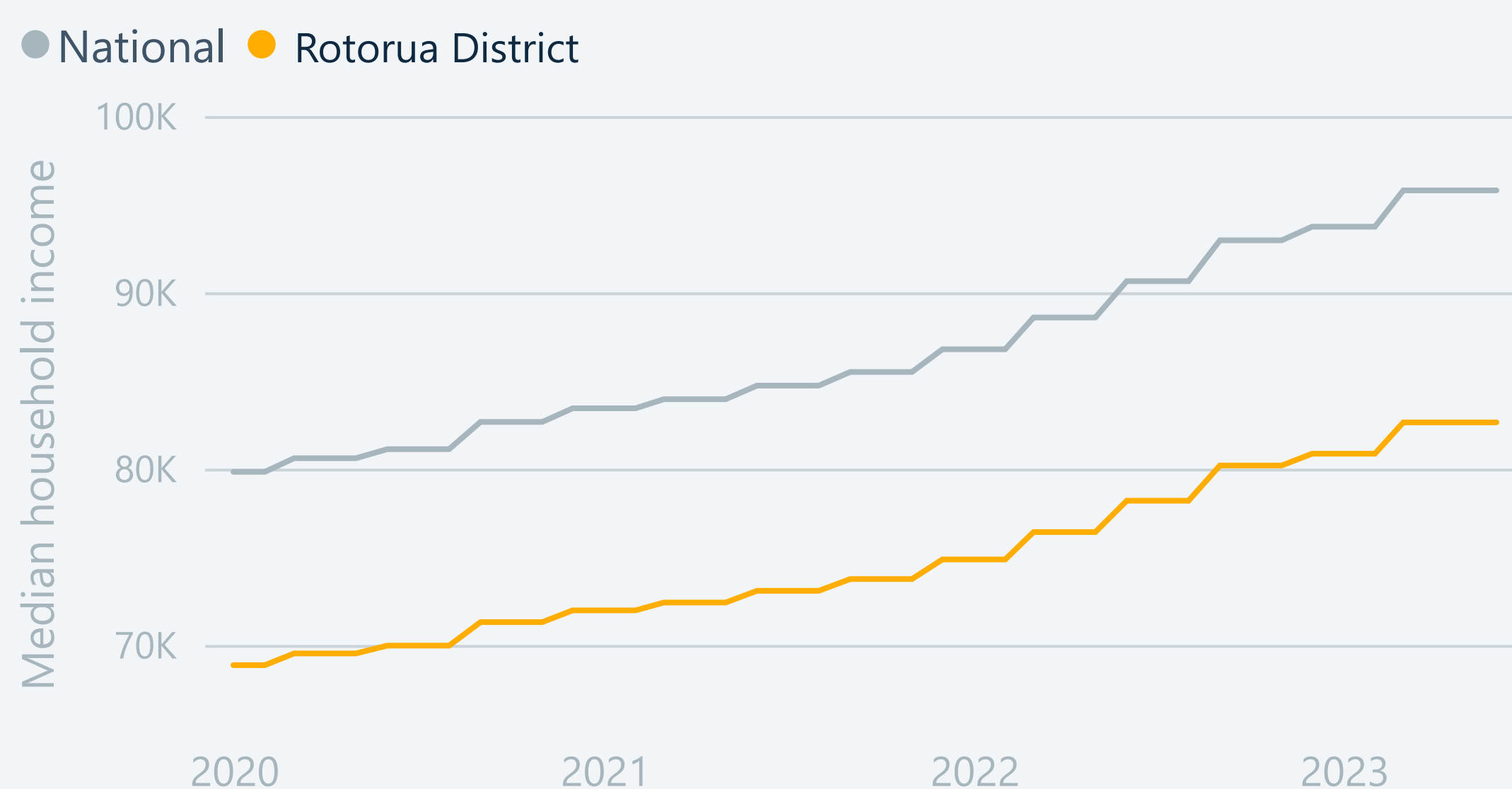
Means tested benefit rate Jun 2023 **4.2%** ▲ 3.55% % change is from June 2022

Sole parent support rate Jun 2023 **5.0%** ▲ 1.14% % change is from June 2022

Change in benefit rates by Ethnicity



Median Household Income over time



As of June 2023, the median household income (adjusted for inflation) in Rotorua District was \$82,624. This is 13.7% less than the national median.

Within Rotorua District, the benefit rate by ethnicity with the greatest increase in the last 12 months was Single Parent Support for Pacific Peoples, up 9.97% to a value of 5.8 claimants per 100 working adults (15-64yrs). Comparatively, Single Parent Support for Other ethnicities (Asian, MELAA and other) saw the greatest decrease over the last 12 months, down 15.81% to 0.59 claimants per 100 working adults.

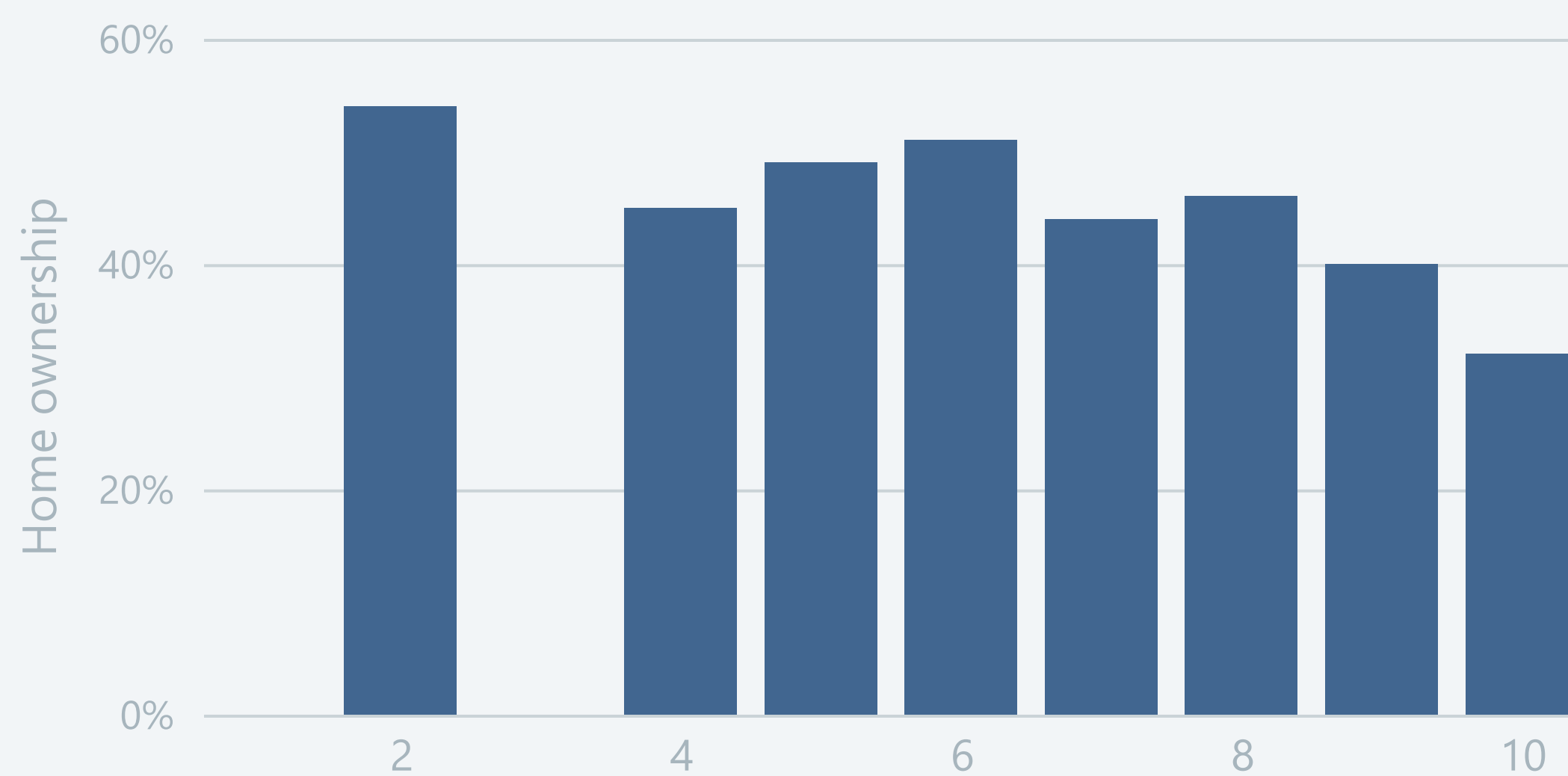
Key Pillar Changes

Years to save for a house deposit Jun 2023 **11.0** ▽ 4.17% % change is from March 2023

Rental affordability (% of income spent on rent) Jun 2023 **30.9%** ▲ 0.68% % change is from March 2023

Purchasing affordability (% of income spent on mortgage repayments) Jun 2023 **8.5%** ▽ 4.46% % change is from March 2023

Home Ownership by Deprivation Index



In Rotorua District, communities with a deprivation index of 2 have the highest rates of home ownership. The home ownership rate in these communities is 1.7 times greater than those communities with a deprivation index of 10 (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, Ngongotaha West was the most unaffordable in June 2023, with 34.5% of annual household income spent on rent.

Community	% Change	Rental Affordability
Hamurana	— 0.00	24.40
Ngongotaha East	— 0.00	33.60
Ngongotaha Valley	— 0.00	27.50
Ngongotaha West	— 0.00	34.50
Tui Ridge	— 0.00	20.50

Greatest Change in Purchasing Affordability

Kawaha saw the greatest change in the percentage of income spent on mortgage repayments, with a 5.7% decrease over the last 3 months. Of these communities, Hamurana was the most unaffordable in June 2023, with 11% of annual household income spent on mortgage repayments.

Community	% Change	Purchasing Affordability
Fairy Springs	▽ 4.26	9.00
Hamurana	▽ 4.35	11.00
Kawaha	▽ 5.68	8.30
Koutu	▽ 4.65	8.20
Selwyn Heights	▽ 3.90	7.40

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.

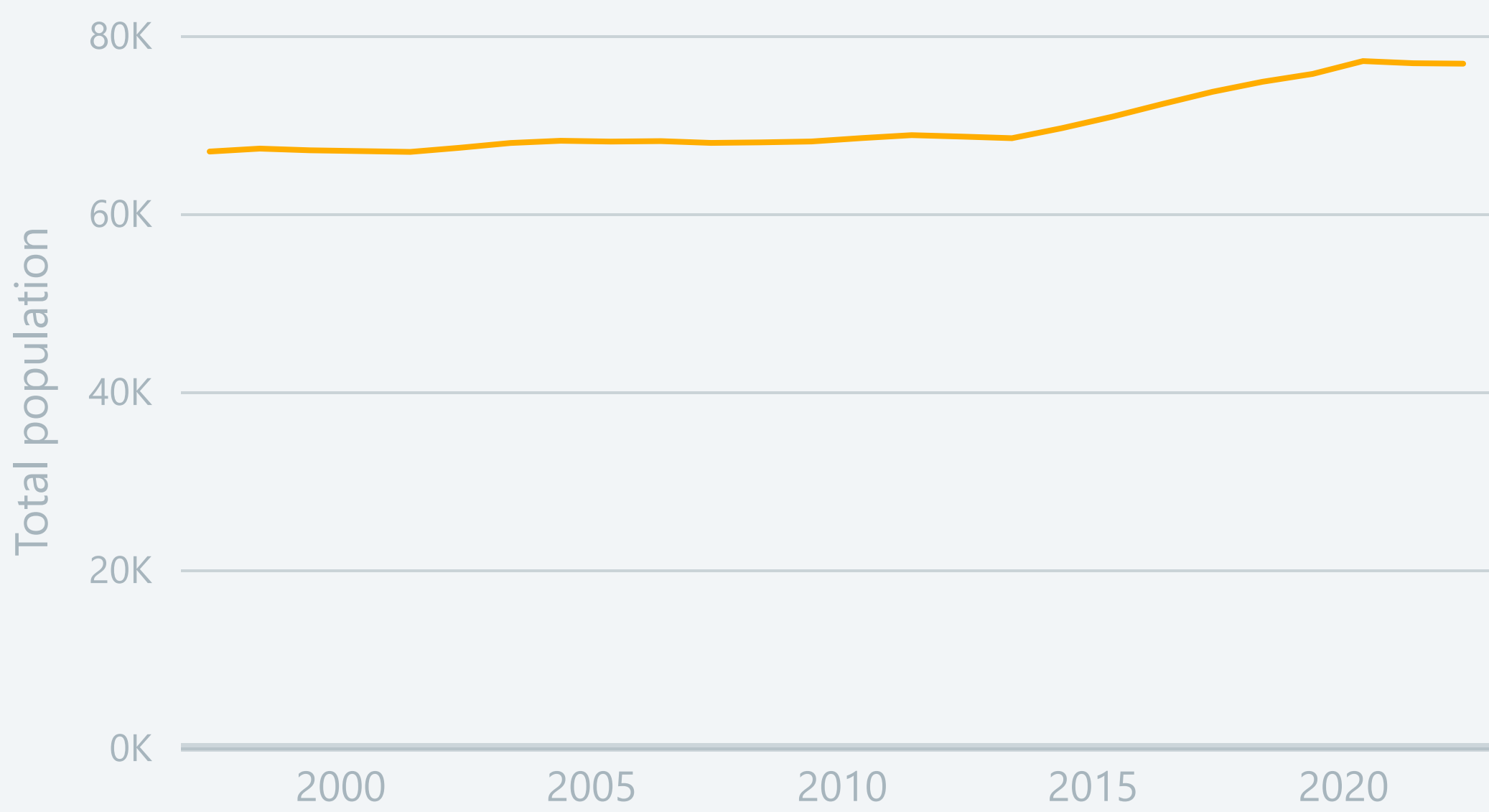


Demographics

Estimated population

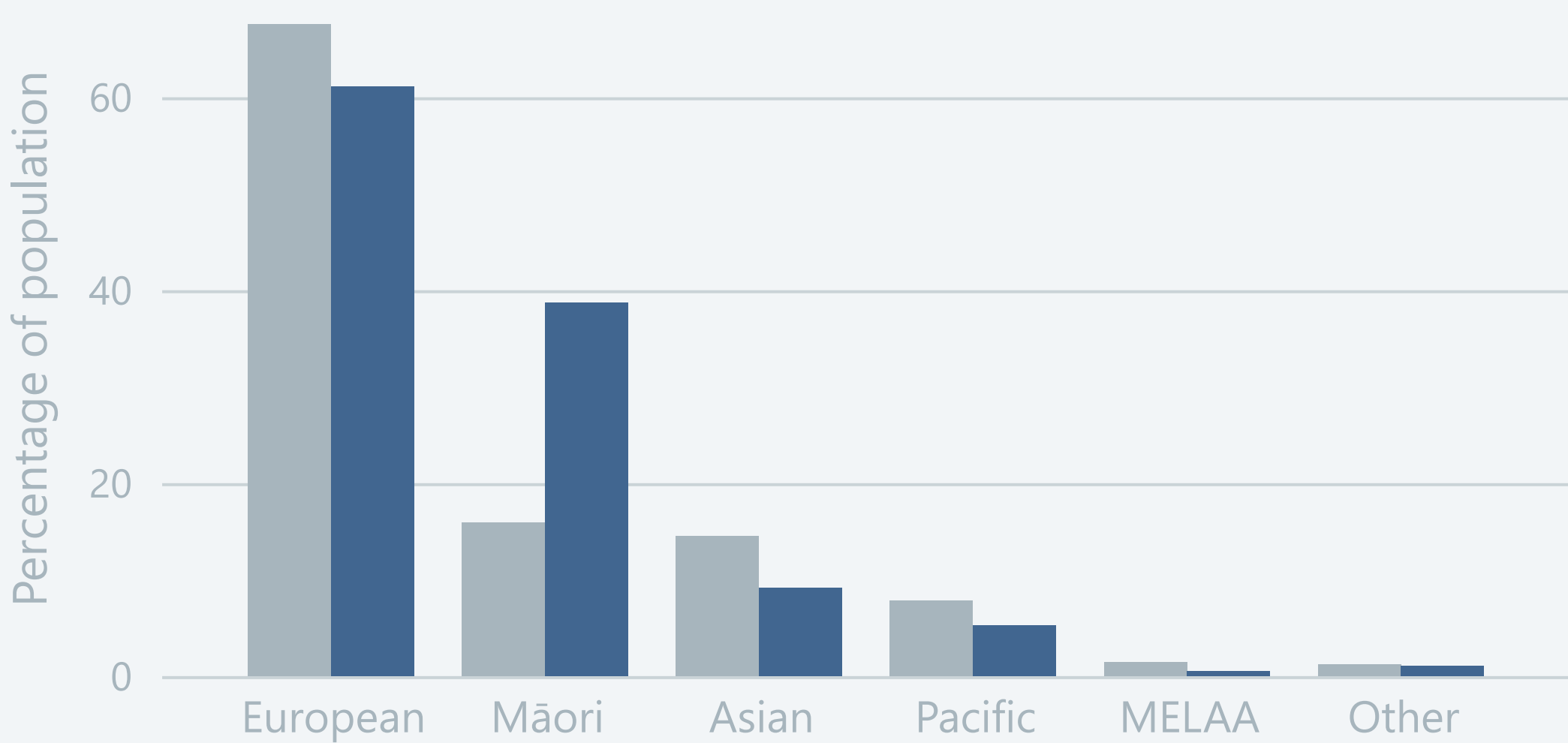
76.8K

Is the estimated total population in Rotorua District in 2022. The population in the area has decreased by 0.07% or 50 people since 2021.



Ethnic distribution

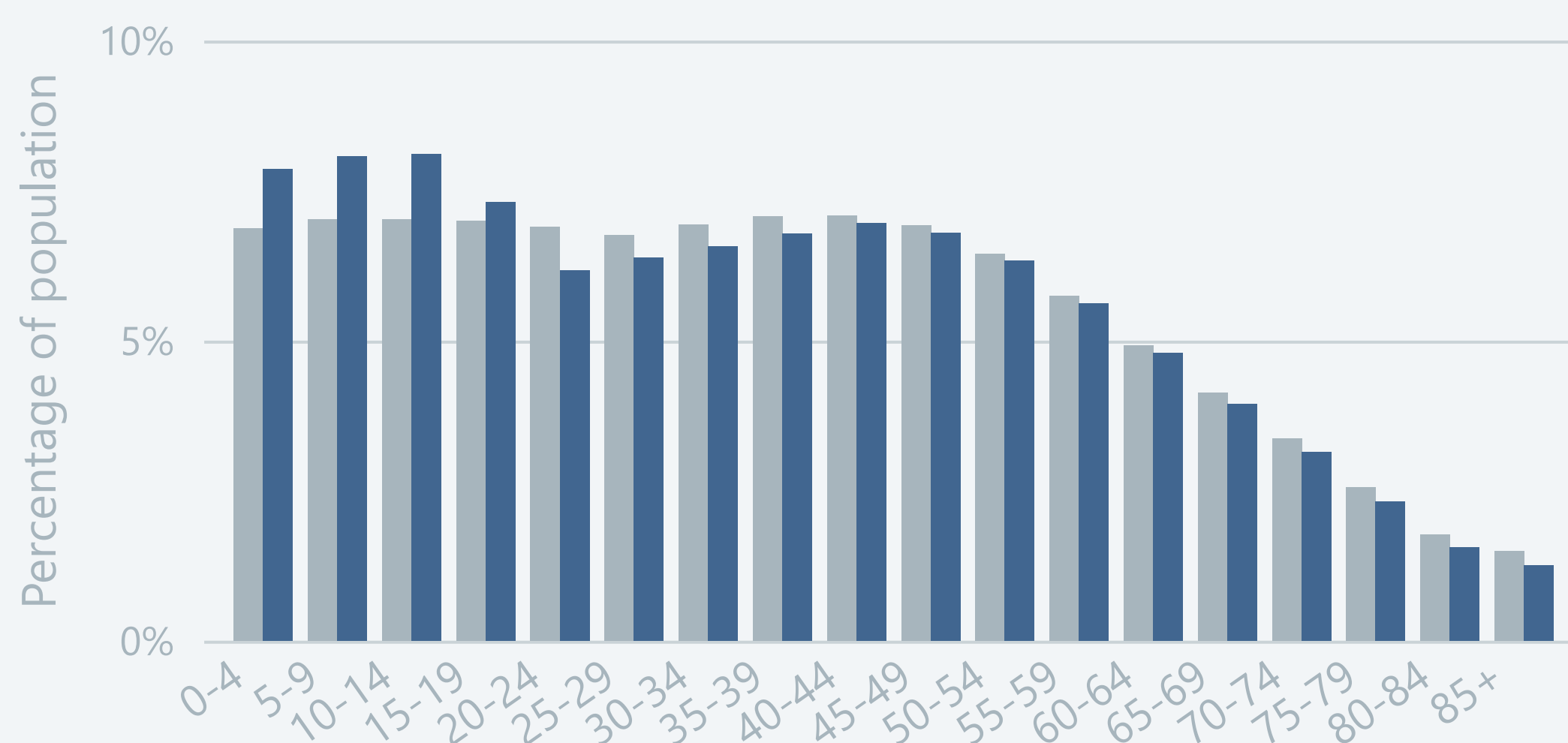
● National ● Rotorua District



As of March 2018 the largest ethnic group in Rotorua District is European (61.1%), 9.6% less than the national percentage. The ethnicity that has had the greatest change since March 2013 is Asian, increasing by 65.94%.

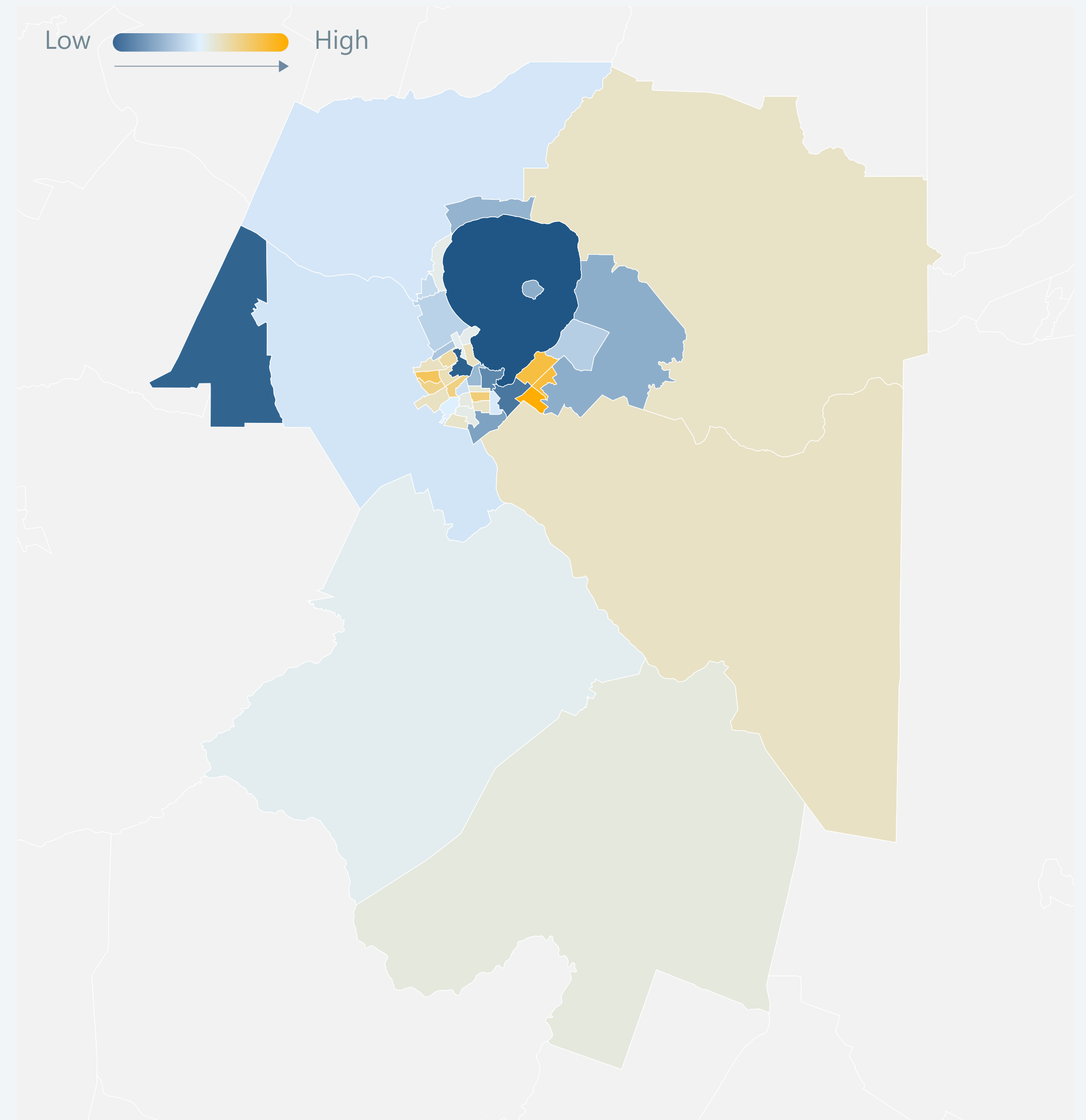
Age distribution

● National ● Rotorua District



As of June 2022 the largest age band in Rotorua District is 10-14 (7.8%), 18% larger than the national distribution. The age band that has had the greatest change since June 2021 is 80-84, increasing by 6.35%.

Population distribution



In June 2022, Ngapuna saw the greatest change in population, with a decrease of 2.5% since June 2021.