Ku-Ring-Gai Council

2021 Census trends – first briefing

August 2022

About .id at the Ku-Ring-Gai Council

.id is a company of demographers, housing analysts, forecasters and Census data experts.

We work with council to promote evidence-based decision making, consulting with you for grant funding applications, demographic and economic studies and advocacy.

We have been working with Ku-Ring-Gai Council for over 15 years and the Council subscribes to .id's community profile, social atlas and economic profile tools.
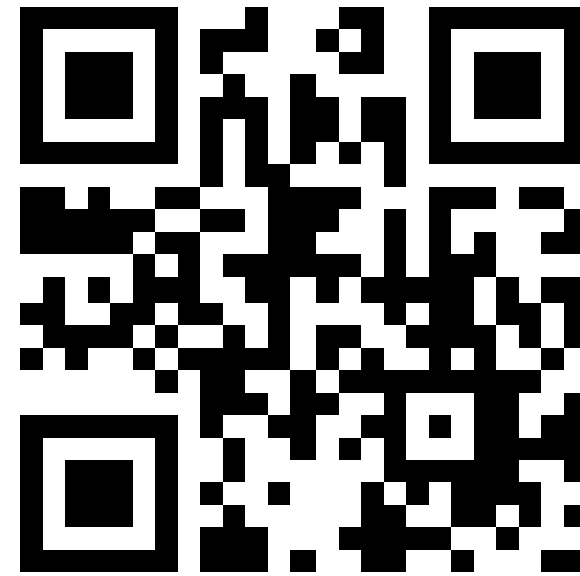
This session focusses on the results of the 2021 Census released so far, and what they show for New South Wales, Sydney and Ku-Ring-Gai in particular – what has changed since 2016, and what we're still waiting on, also providing a short introduction to the .id toolkit.

community profile
understand your community over multiple timescales

social atlas
allocate your resources at a local level

population forecast
plan for the future based on a set of agreed assumptions

economic profile
analyse jobs, industry and model economic change

housing monitor
monitor housing provision and affordability

community views
hear community views

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Register for briefing slides or session recording.

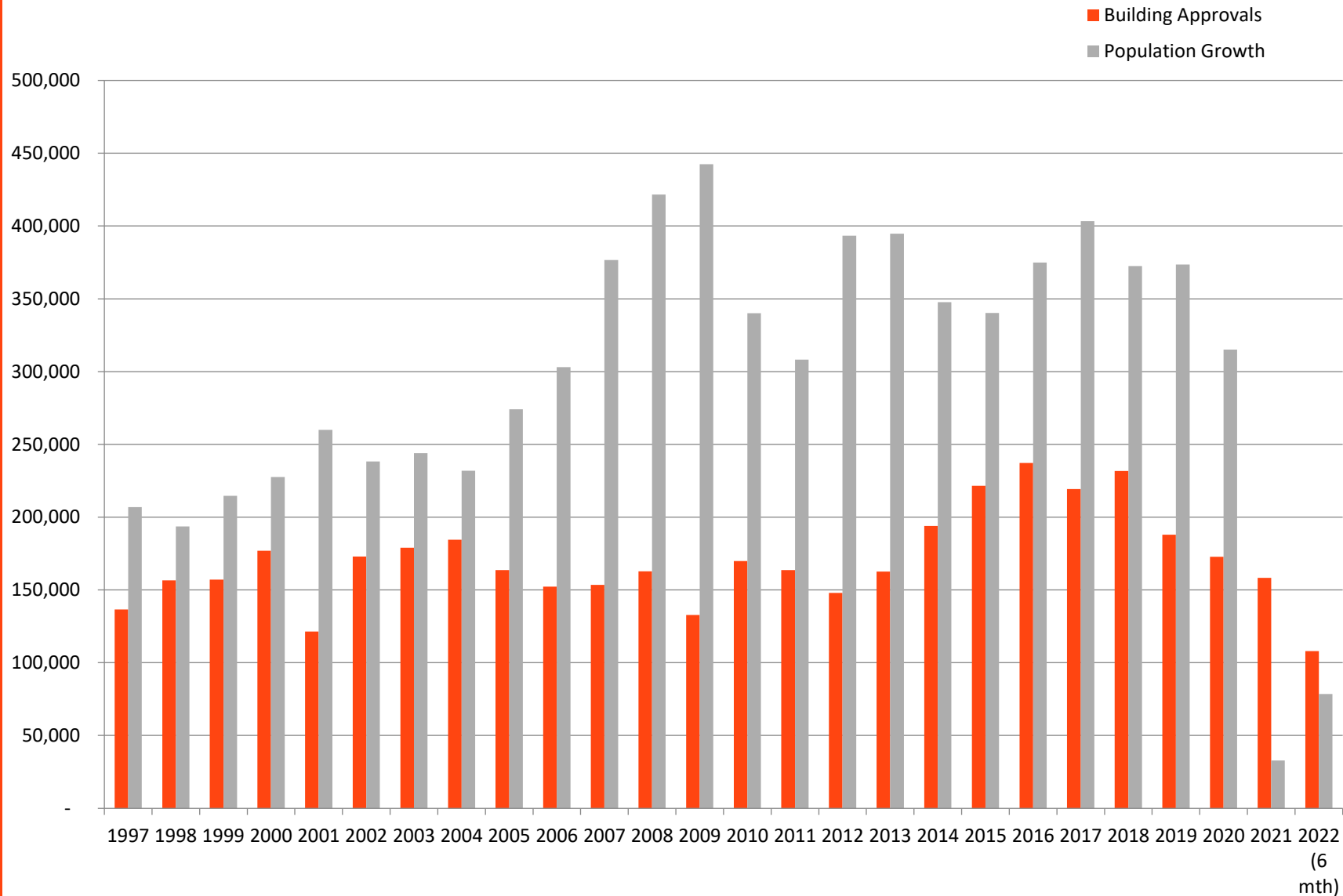**Optionally - .id blog and newsletter**

http://content.id.com.au/briefings

Queries, additional data etc.

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National population trends – growth slowing since COVID hit


Legend: Building Approvals, Population Growth

Australia ended a record period of population growth with COVID border closures. The year ended June 2021 was the lowest growth rate in over 100 years.

The growth rate for the year of 0.13% was the lowest national growth rate recorded since 1916, when the population declined due to World War I. The following 6 months showed a significant increase again but still well below the rates of pre-COVID.

Building approvals still growing strongly, however, supported by schemes such as HomeBuilder

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State population change – 2016-2021 percent and absolute

■ 5 year growth %

■ Absolute growth 2016-2021
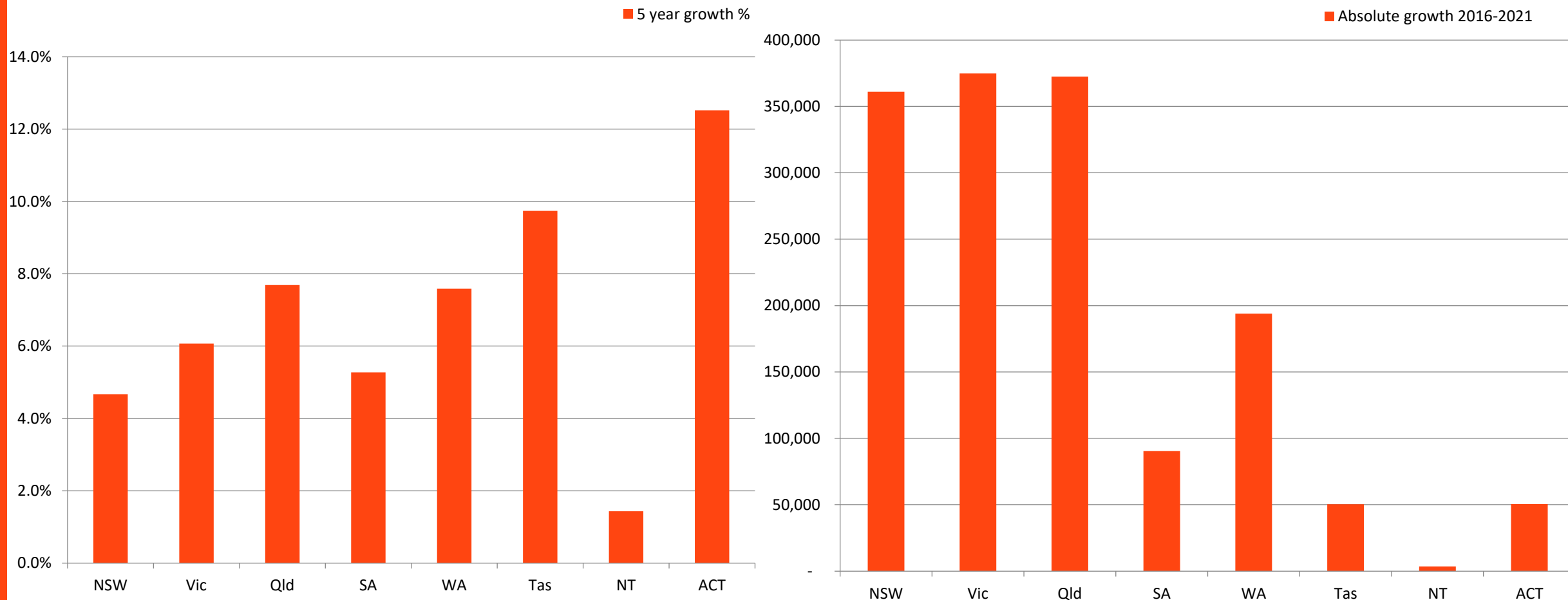
Between 2016 and 2021, the ACT was the standout growth in Australia in percentage terms. NSW actually had the lowest growth of any state in percentage terms, but still added over 350,000 people, despite the population number from pre-Census estimates being revised down by 95,000 people in light of the Census results.

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State population change – 2020-21 only – percent and absolute
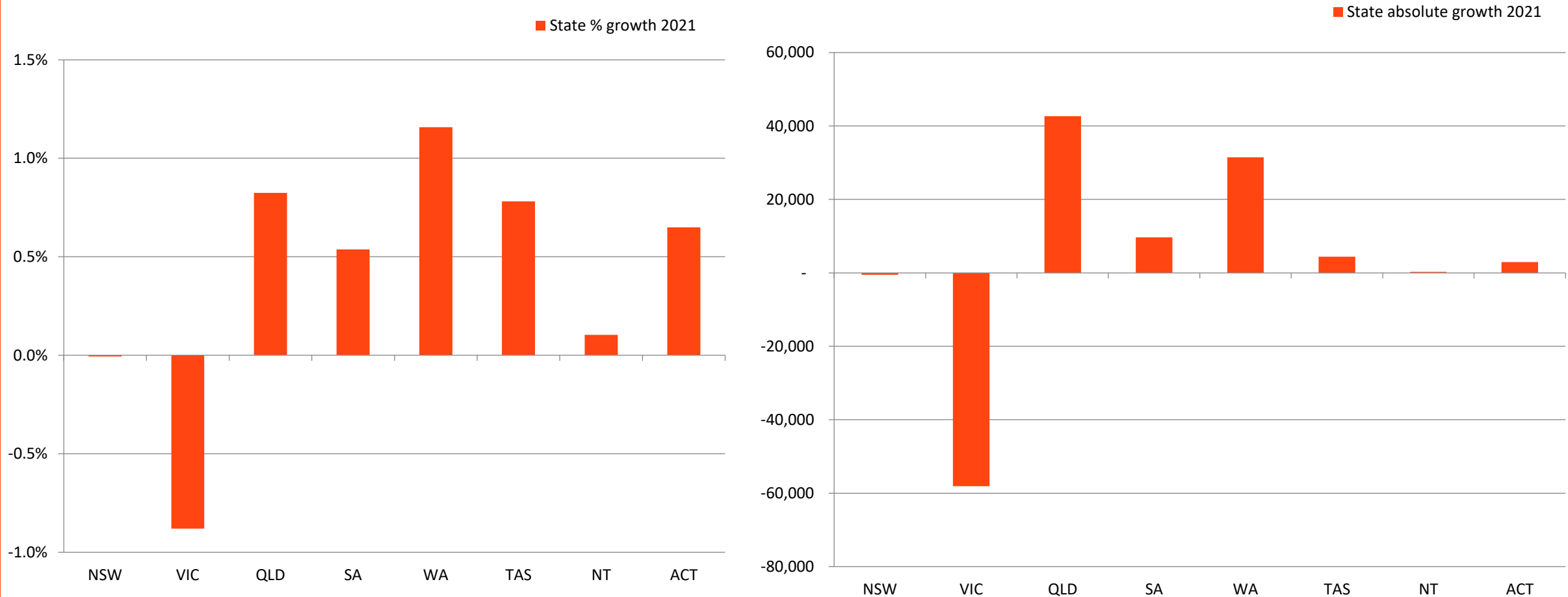

The state of NSW had a flat population growth, virtually unchanged over the 2020-21 period, with just a slight increase in the 6 months to December 2021, as lockdowns dragged migration out of the state (and border closures meant few overseas settlers).

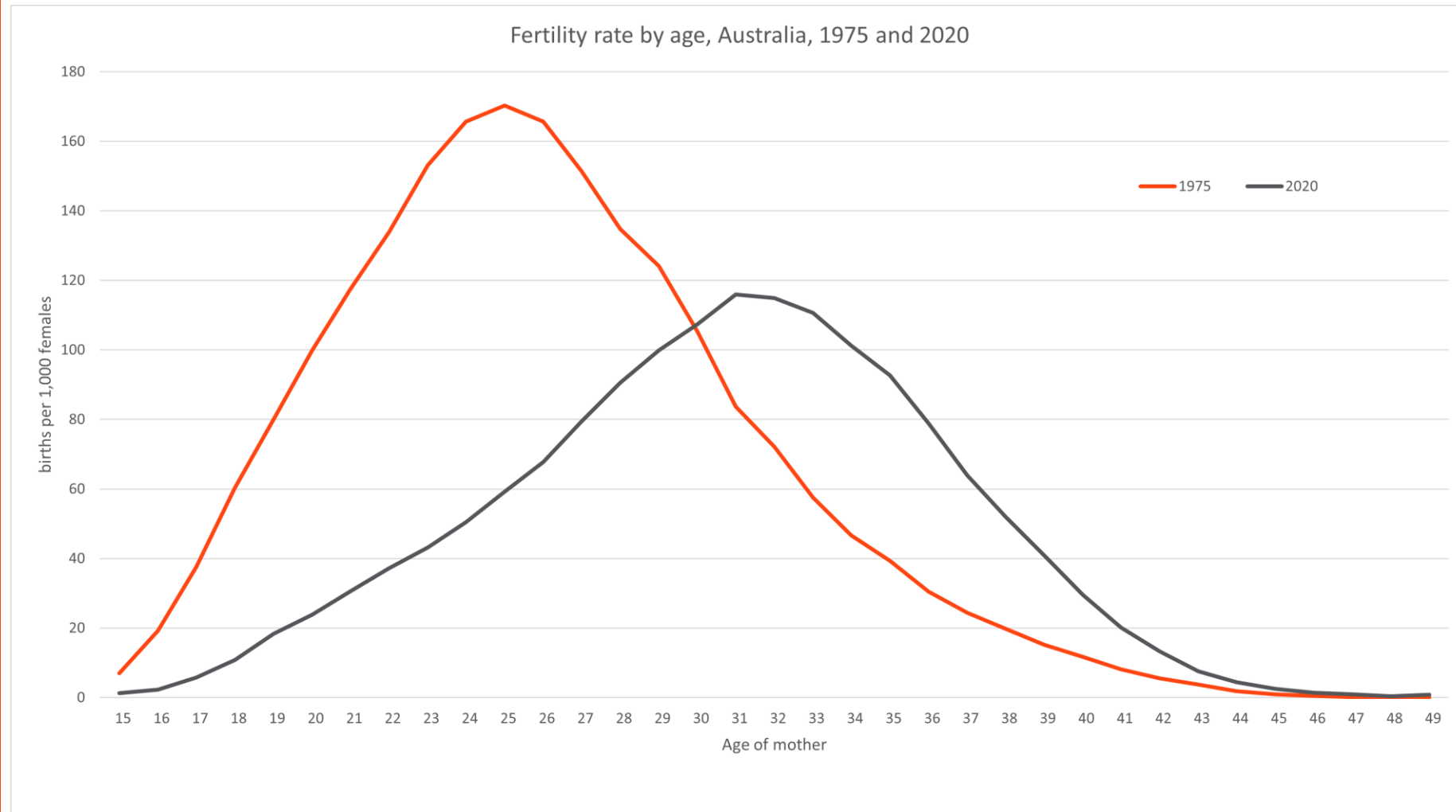.id

Population by 5 year age groups across 45 years, NSW
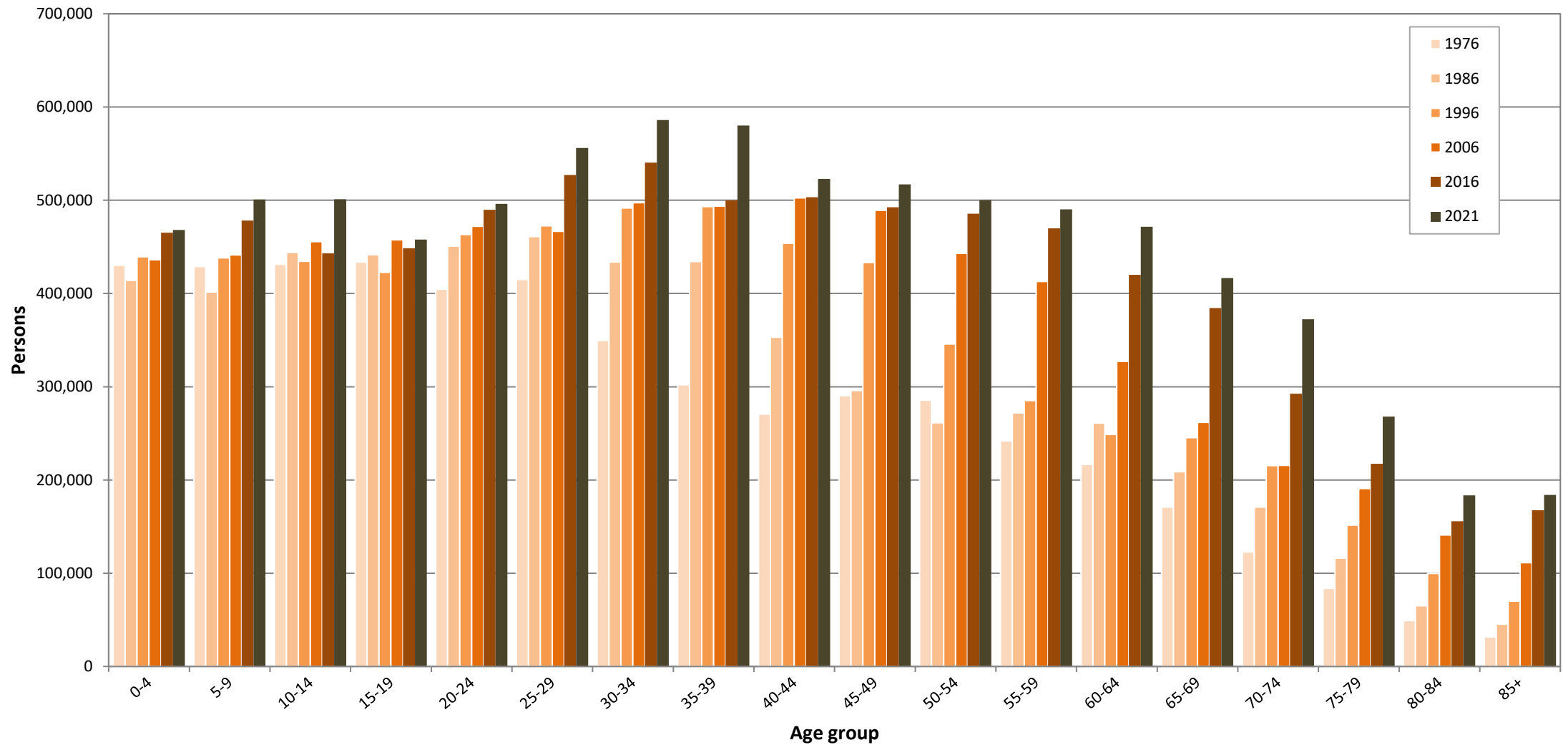
NSW median age increased by just one year between 2016-2021, from 38 to 39.

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National fertility rate, 1932 to 2020

National fertility rate, 1932-2020 (annotated)
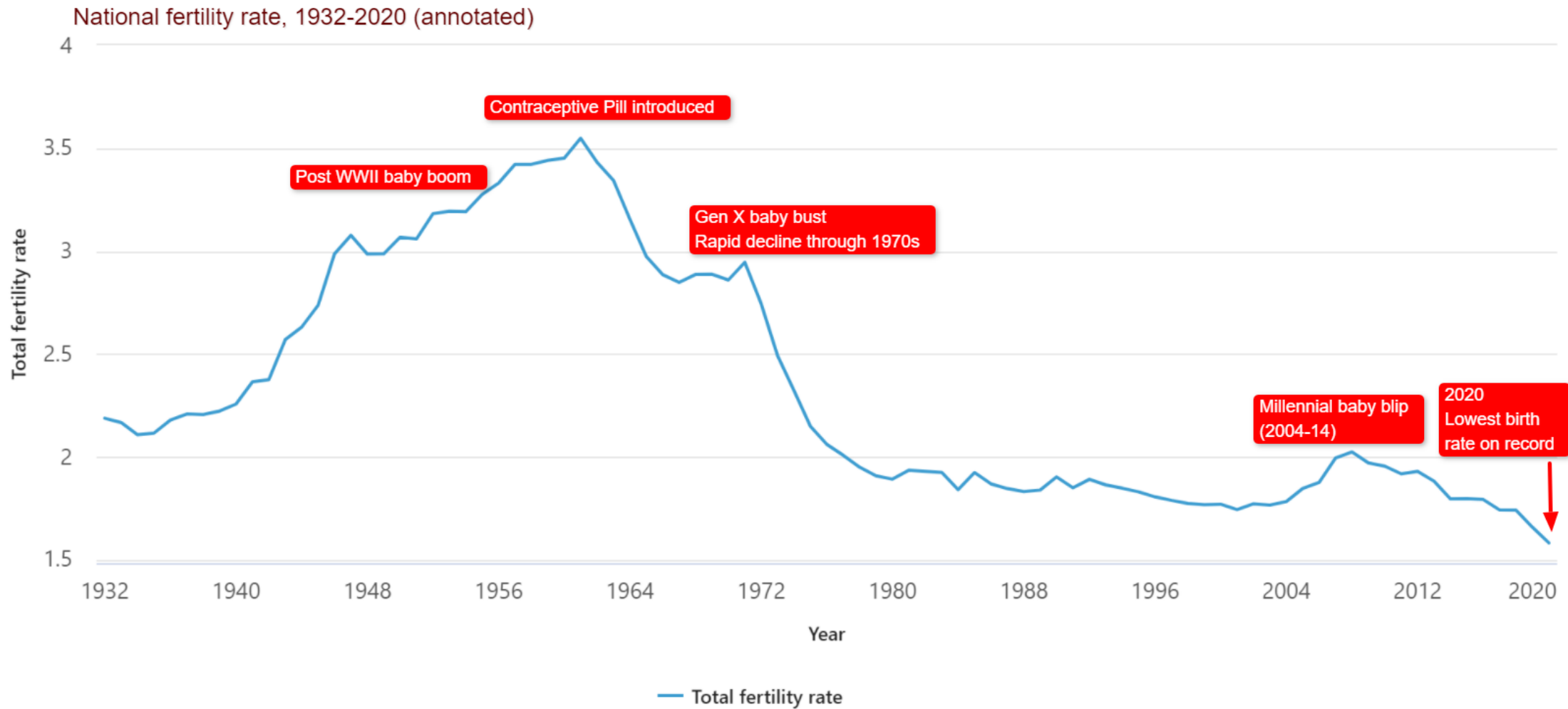
Source: ABS, Births Australia, 2019, 3301.0

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National fertility rate by age of mother, 1975-2020

Fertility rate by age, Australia, 1975 and 2020

2020s birth rate was the lowest on record (1.58), and continues to fall after a baby blip over the first decade of the millennium.

Preliminary data for the first half of the next year shows a small increase but still very low historically.

This is driven by women delaying having children until much later in life.

Net migration – Australia – past 40 years

■ Annual net migration
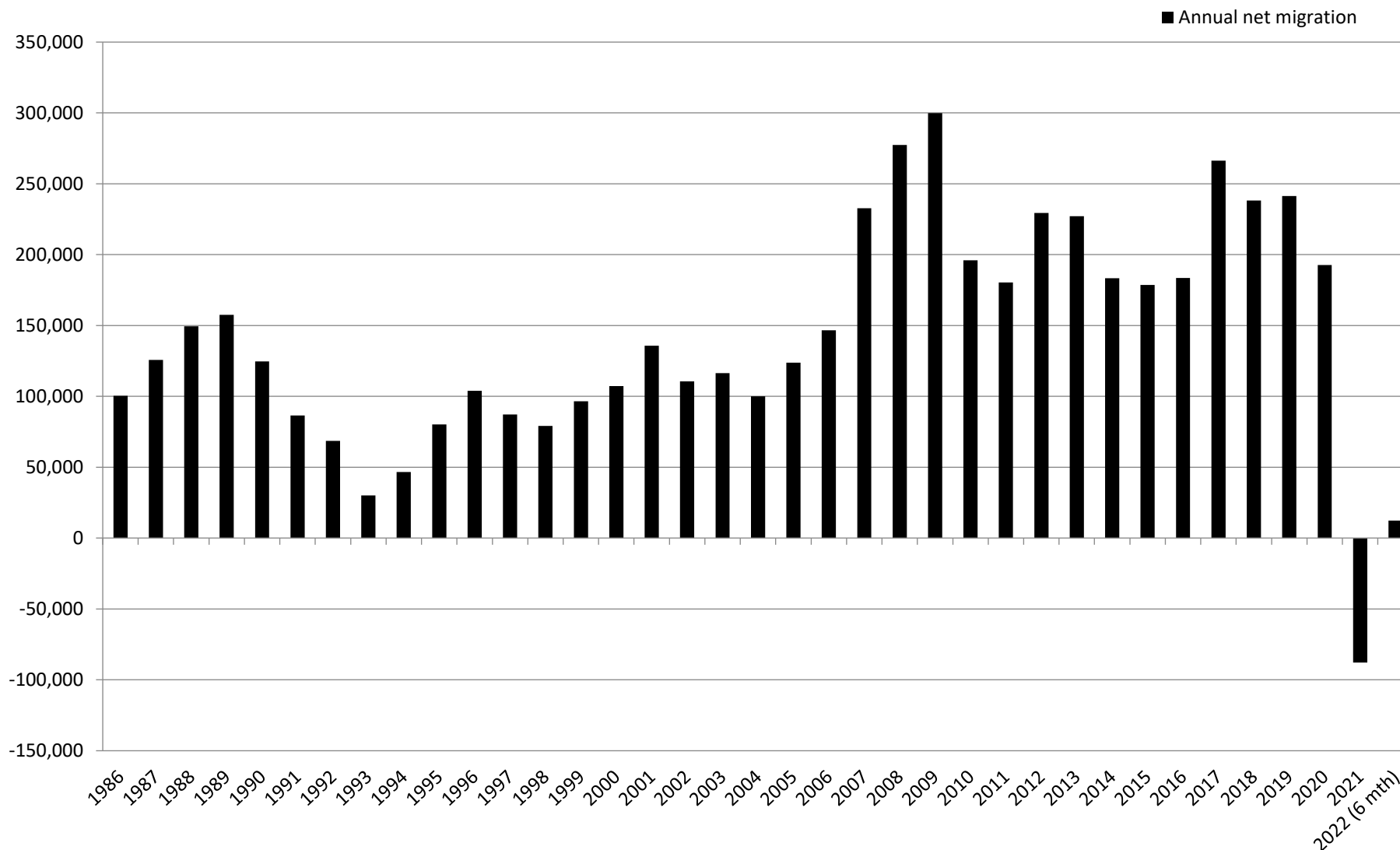
National overseas migration has been high for about 15 years, at ~200,000 p.a.

The pandemic affected 2020-21 year showed a loss of 88,000 migrants, the first negative migration since before WWII. It has bounced back a little in the following 6 months but the next datasets will tell if the reopening of borders in December 2021 led to an influx of migrants.

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Net overseas migration – NSW, 1972-2021
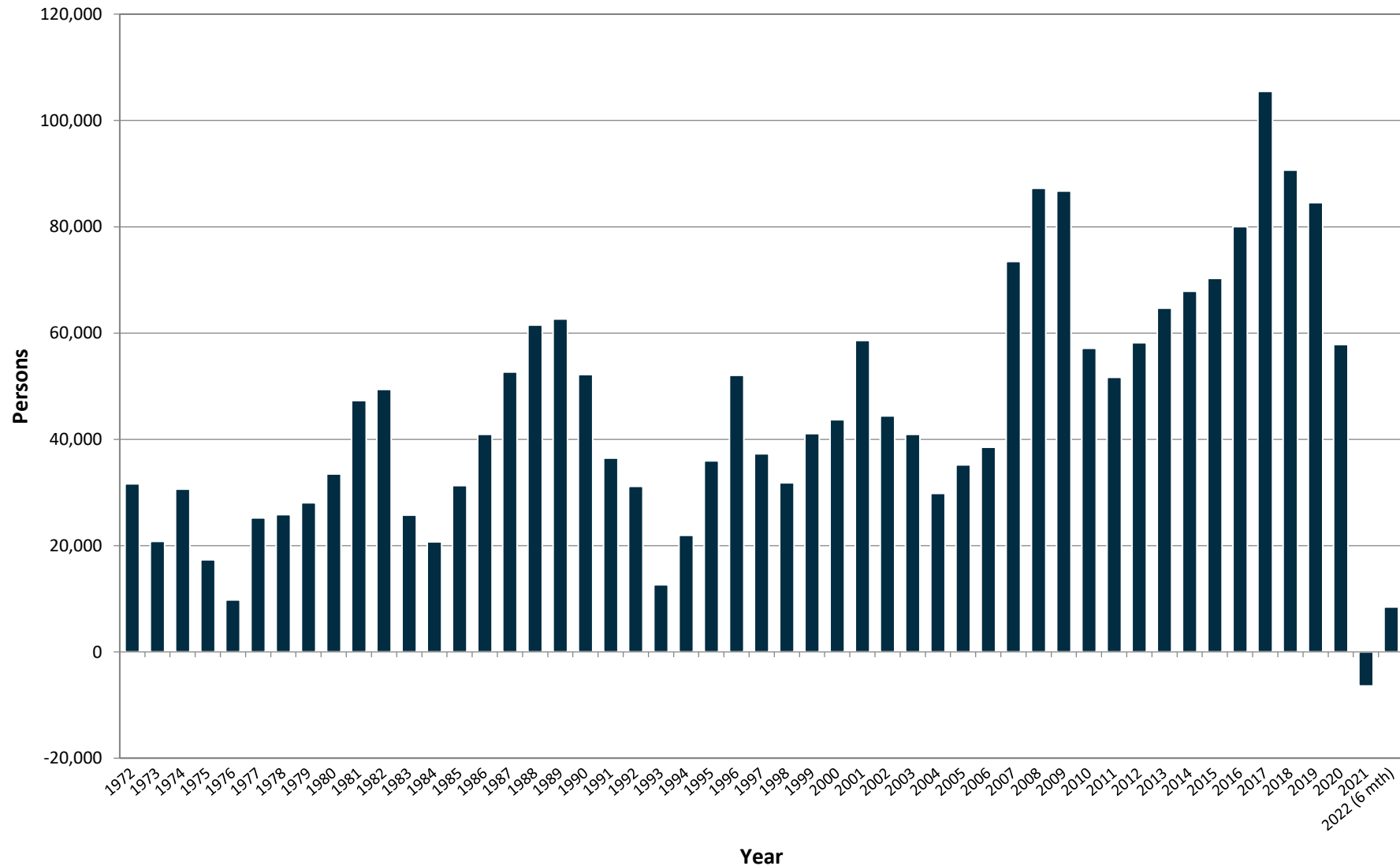
Overseas migration was negative for NSW in 2020-21, but came back a bit to be positive in the 6-months ended December. Early 2022 saw the borders reopen, so expect to see migration tick up again but probably not to the heights of a few years ago, at least not for a while.

As parts of Sydney get most of the overseas migration, the loss of this has the strongest negative impact on the population of those areas.

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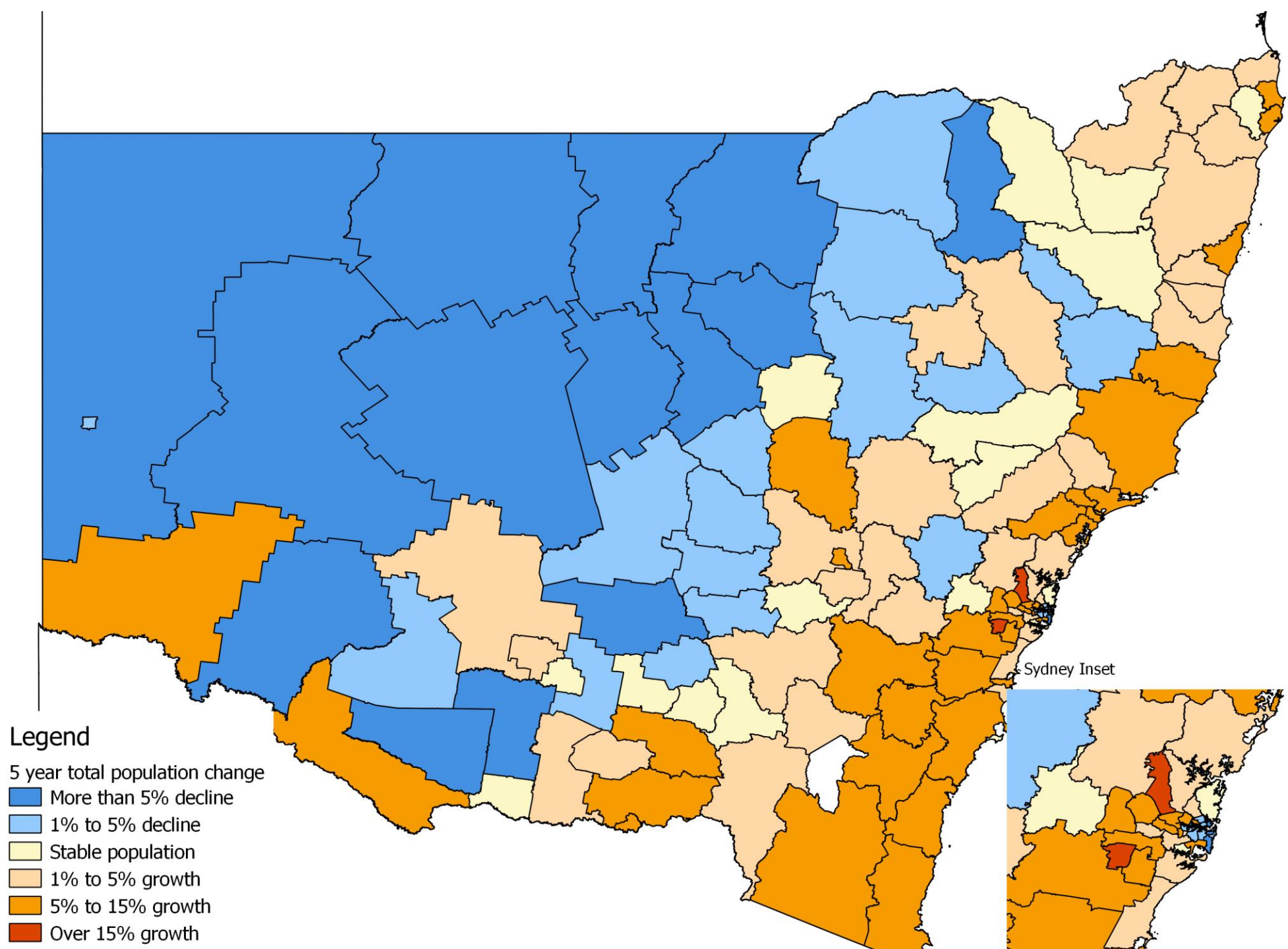# Net interstate migration – NSW, 1972-2021
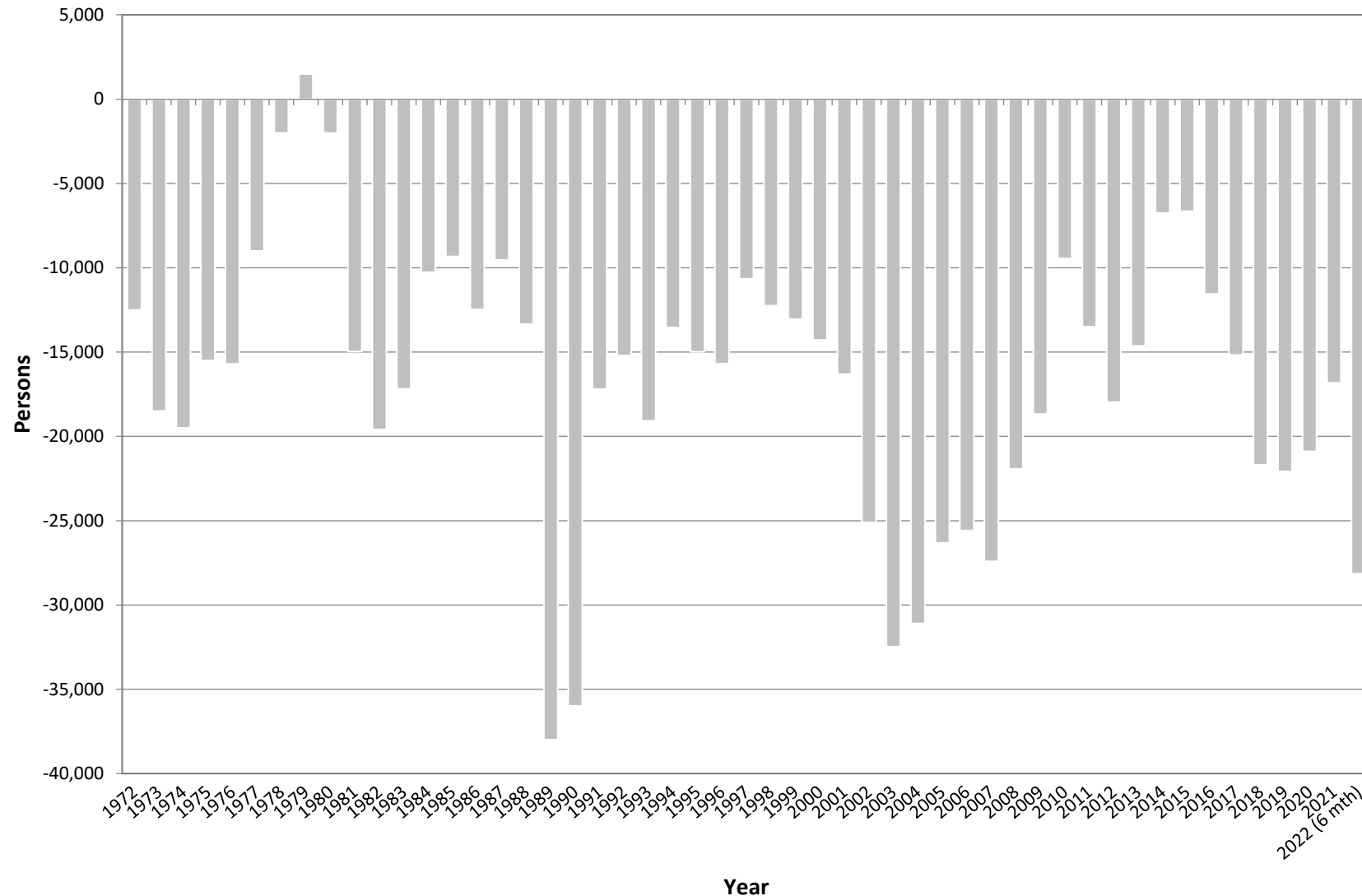
This is the strongest trend in NSW – substantial movement out to (mainly) Queensland and accelerating after lockdowns, for the 6 months ended Dec 2021 – if that continues for the year it would be a record interstate migration loss.
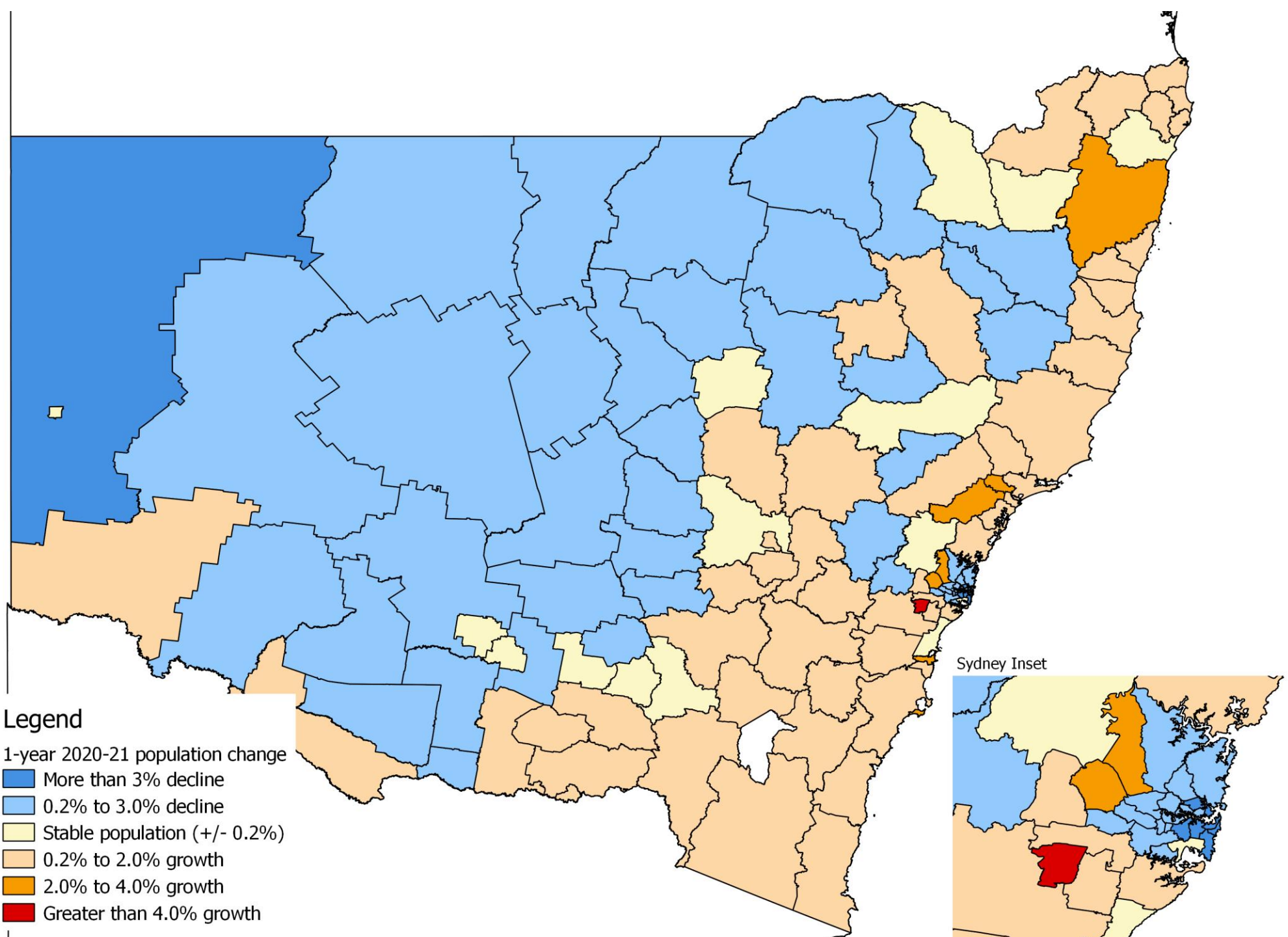
The state is losing around 20,000-30,000 people p.a. in net terms to other states.

There is a strong movement out of Sydney into Regional NSW as well, with the widespread availability of Work From Home – mainly to areas within about a 2 hour drive of Sydney, and coastal hotspots.

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NSW LGA population change, 2016-2021

Legend

5 year total population change

- More than 5% decline
- 1% to 5% decline
- Stable population
- 1% to 5% growth
- 5% to 15% growth
- Over 15% growth

Sydney Inset

NSW LGA population change, 2020-2021

Legend

1-year 2020-21 population change

- ▨ More than 3% decline
- ▨ 0.2% to 3.0% decline
- ▨ Stable population (+/- 0.2%)
- ▨ 0.2% to 2.0% growth
- ▨ 2.0% to 4.0% growth
- ▨ Greater than 4.0% growth

Sydney Inset

Population trends in 2021 (and change from 2016)

TREND	Ku-ring-gai	New South Wales
Population (ERP – 2021)	124,659 (+2,187 people, +1.8%) ▲	8,093,815 (+360,957, +4.7%) ▲
Population (Census – 2021)	124,076 (+6,023 people, +5.1%) ▲	8,072,163 (+591,935, +7.9%) ▲
Dwelling change 2016-2021	45,892 dwellings (+3,380, +7.9%) ▲	9.7% growth ▲
Average household size	2.84 (-0.03) ▼	2.57 (-0.04) ▼

NSW population estimate is now very close to the Census count because so many more people were counted at home due to lockdowns. For most areas, the Census count has grown more than the population, and Ku-Ring-Gai is no exception. Dwelling growth higher again, but Ku-Ring-Gai hasn't seen a big fall in average household size, and unoccupied dwellings only rose slightly, to 6.9% of all dwellings. Household size remains large. The ABS did adjust the population estimate down by nearly 2,000 people in light of the Census results, so total growth in the official population now looks lower.

Population trends – 10 years

| Small area	2021	2016	2011	5 year change	10 year change
East Killara	2,895	2,974	2,874	-2.7%	0.7%
East Lindfield	3,710	3,714	3,535	-0.1%	5.0%
Gordon	8,694	7,666	6,456	13.4%	34.7%
Killara	10,715	10,576	9,087	1.3%	17.9%
Lindfield	10,943	9,922	8,986	10.3%	21.8%
North Turramurra	4,194	4,257	3,976	-1.5%	5.5%
North Wahroonga	2,100	1,996	1,885	5.2%	11.4%
Pymble	11,775	11,056	10,510	6.5%	12.0%
Roseville - Roseville Chase	9,637	9,212	8,574	4.6%	12.4%
South Turramurra	3,208	3,089	2,966	3.9%	8.2%
St Ives	18,384	17,301	15,639	6.3%	17.6%
St Ives Chase	3,283	3,152	3,019	4.2%	8.7%
Turramurra	12,850	11,922	11,139	7.8%	15.4%
Wahroonga	13,070	12,971	12,446	0.8%	5.0%
Warrawee	3,170	2,998	2,905	5.7%	9.1%
West Pymble	5,441	5,299	5,149	2.7%	5.7%
Ku-ring-gai Council area	124,076	118,053	109,297	5.1%	13.5%
NSROC Region	630,899	597,507	551,375	5.6%	14.4%
Greater Sydney	5,231,147	4,823,991	4,391,636	8.4%	19.1%

Migration (5 yearly)

Over the past 5 years, movement into Ku-ring-gai is primarily from the more built up areas closer to Sydney, and also from the Parramatta-Ryde area – people upgrading their housing to the more affluent area. Movement out is to neighbouring Northern Beaches, and also to Central Coast, with modest movement out to most areas of coastal and inland regional NSW.

Main areas of movement to and from Ku-ring-gai in 5-years post Census 2016-2021	Numbers
Willoughby	+2,206
Ryde	+700
Georges River	+685
Parramatta	+676
Northern Beaches	-1,294
Hornsby	-1,126
Central Coast	-744
North Sydney	-482
Brisbane	-407

Map of net gains and losses by LGA

Ku-ring-gai Council : Total July 2016 - June 2021

Legend:
- Ku-ring-gai Council
- -483 to -1,294
- -11 to -482
- -10 to +10
- +11 to +335
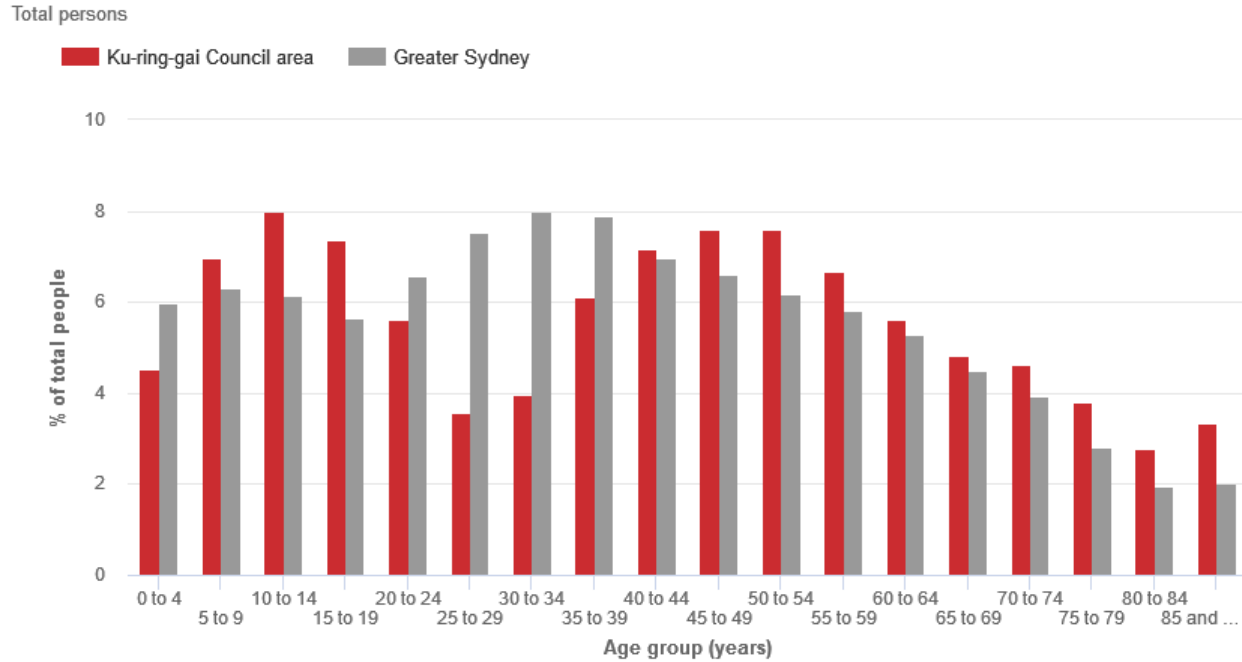- +336 to +2,206
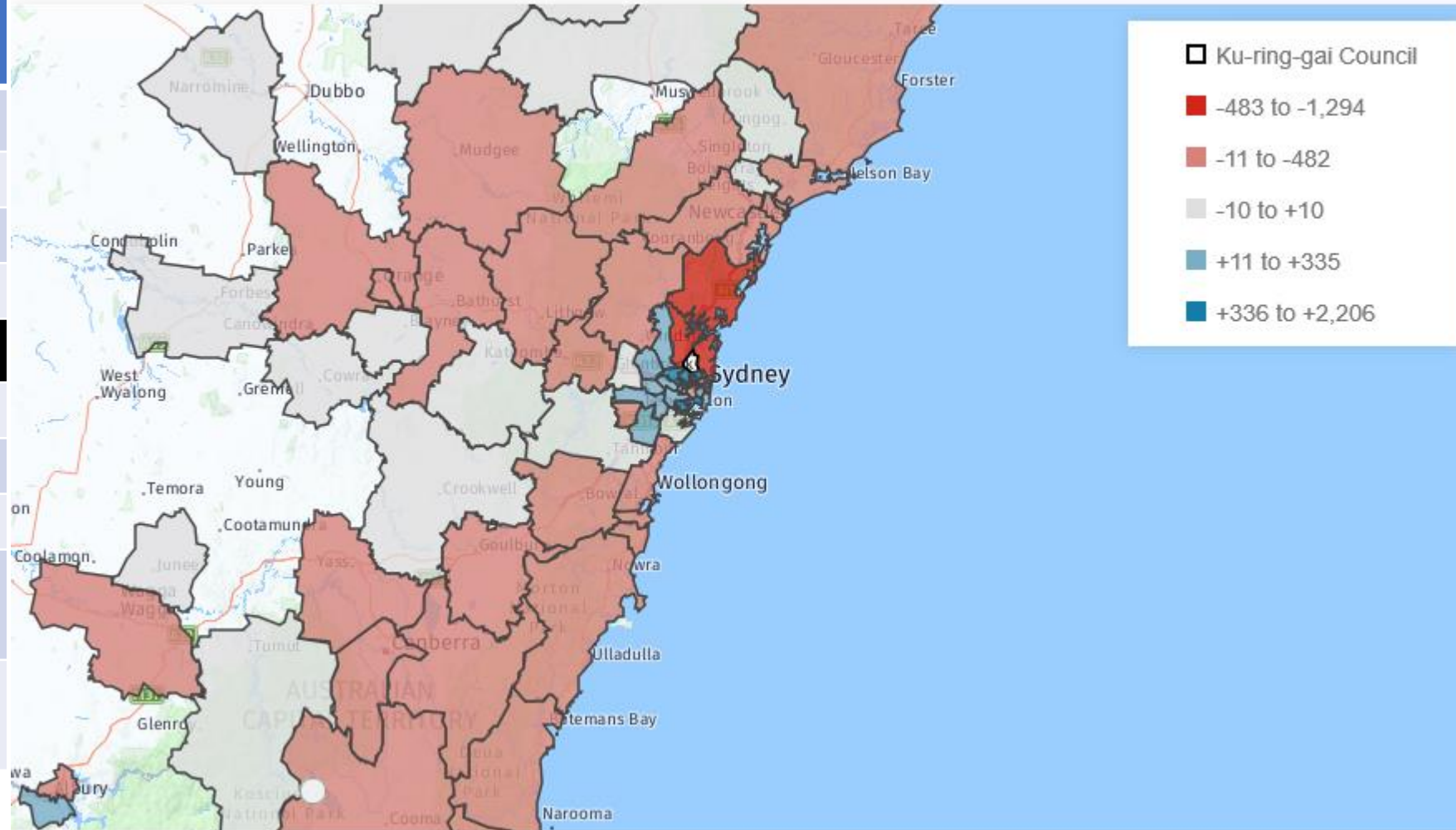
profile.id and atlas.id

- Online information tool, for council staff, and for the public.

- 1991, 1996, 2001, 2006, 2011, 2016 and 2021 Census data.

- 39 demographic topics to tell the story of your changing area.

- Broken into 16 suburbs) and an overlay for the NSROC region.

- Detailed migration and SEIFA datasets.

- Reporting and data export options designed to integrate with other output tools.

- 2021 Census data rollout has commenced and continues for the rest of 2022.

- Monthly building approvals and JobSeeker updates.

- http://profile.id.com.au/ku-ring-gai

- Atlas – spatial mapping to pinpoint communities of interest and points of disadvantaged population.

- http://atlas.id.com.au/ku-ring-gai

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community profile — understand your community over multiple timescales

social atlas — allocate your resources at a local level

population forecast

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Ku-ring-gai Age Structure 2021

Age structure - five year age groups, 2021
Total persons

Ku-ring-gai Council area   Greater Sydney

Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

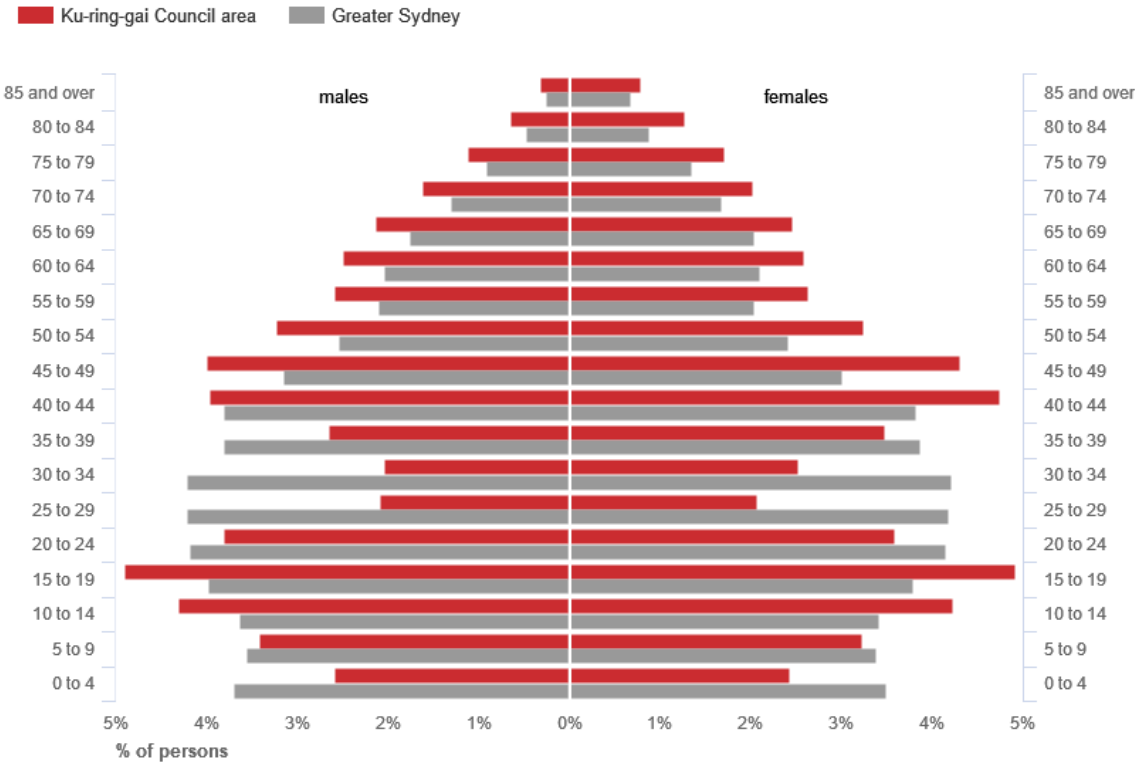Change in age structure - five year age groups, 2016 to 2021
Ku-ring-gai Council area - Total persons
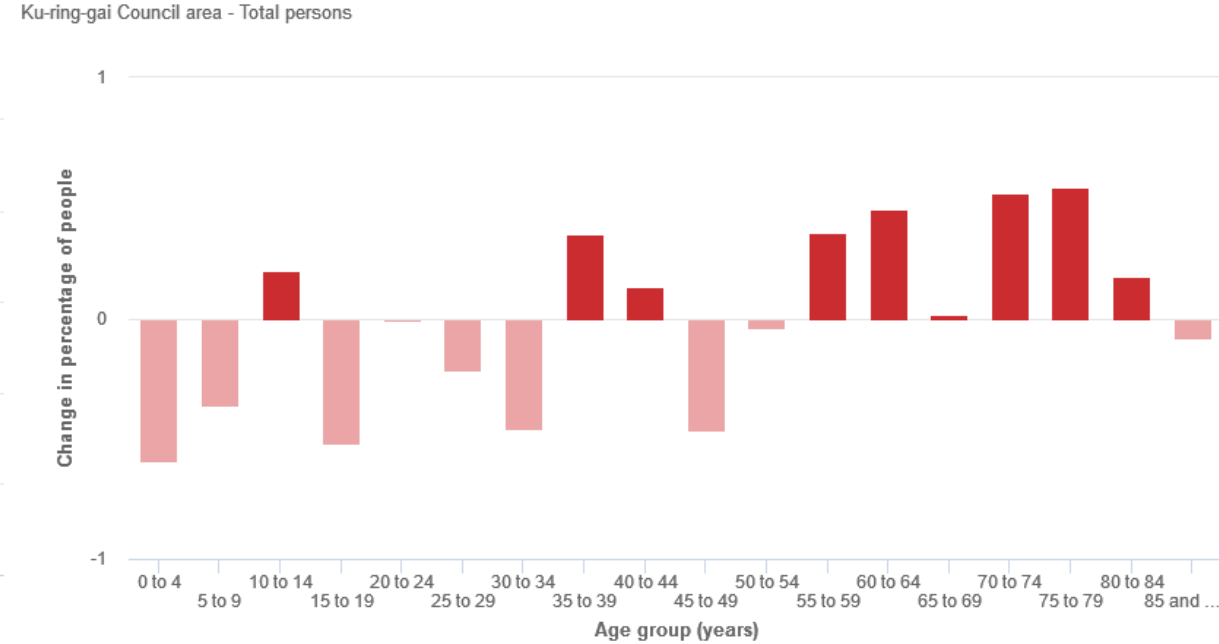
Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

Ku-ring-gai Council has a median age of 42 years, among the oldest in Greater Sydney, but only increased by 1 year in 2016-2021. The population is a typical mature family age structure, with lots of teenagers, parents in their late 40s and 50s, plus an elderly population. Very few in their 20s – when they leave home, children can't afford to live in Ku-ring-gai. Change over 5 years in 3 distinct generations, but mainly older.

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Ku-ring-gai Age-Sex Pyramid, 1991-2021

Age-sex pyramid, 1991

Ku-ring-gai Council area   Greater Sydney

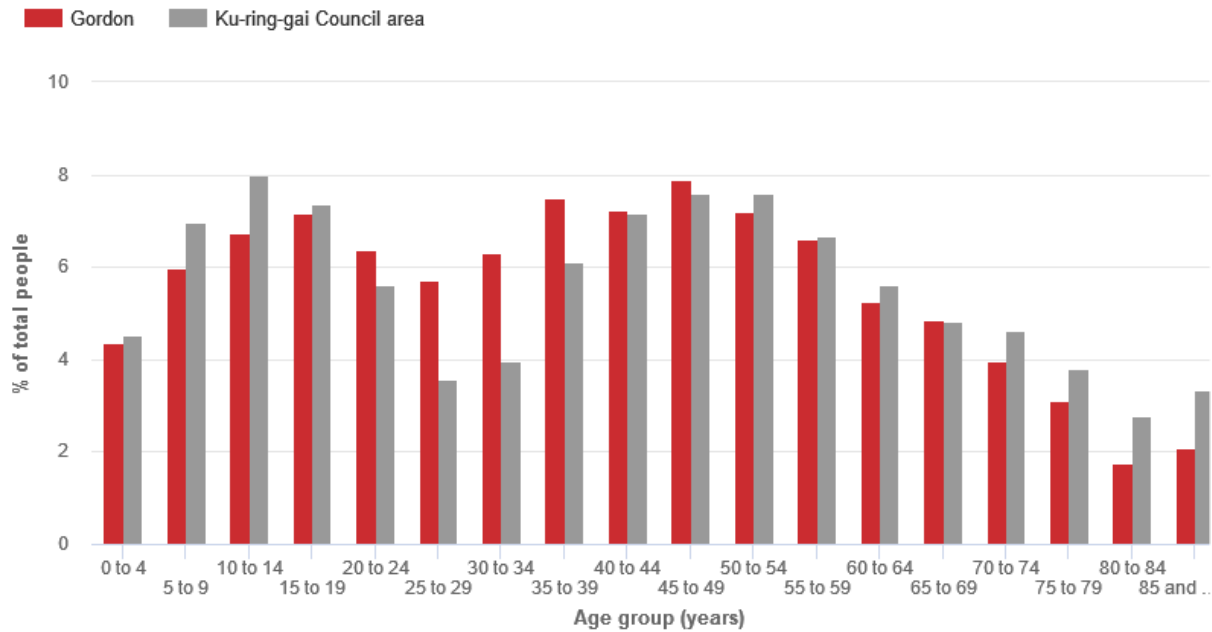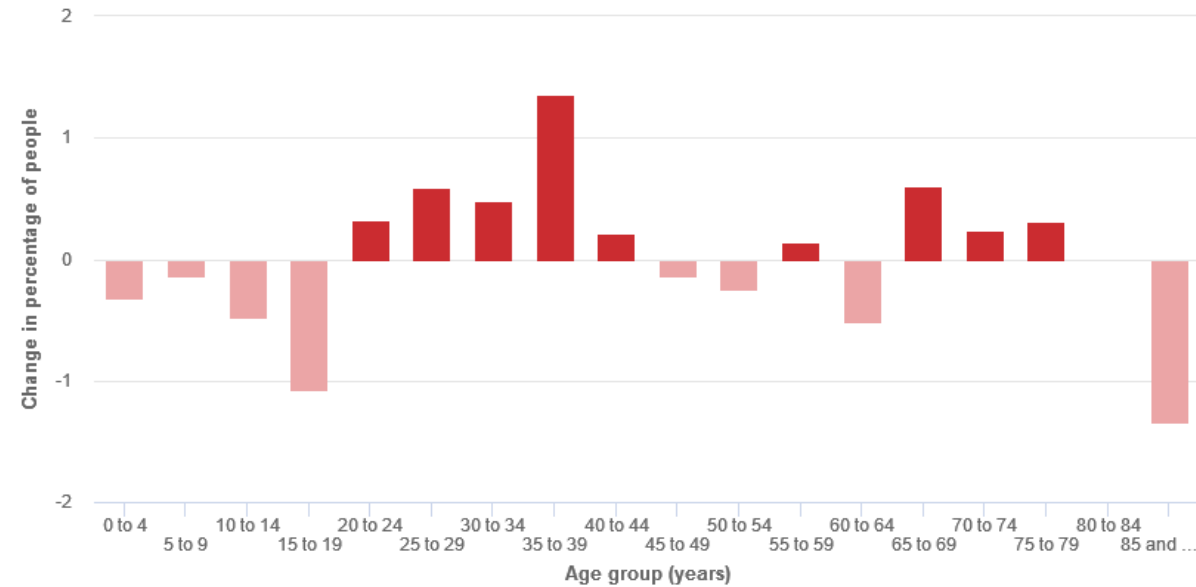Age-sex pyramid, 2021

Ku-ring-gai Council area   Greater Sydney

Source: Australian Bureau of Statistics, Census of Population and Housing, selected years between 1991-2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

Source: Australian Bureau of Statistics, Census of Population and Housing, selected years between 1991-2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

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Gordon

Higher density Gordon attracts more young people living in apartments along the Pacific Hwy corridor – most growth in 20s-30s age groups, and less elderly than the Ku-ring-gai average.

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St Ives Chase

Age structure - five year age groups, 2021
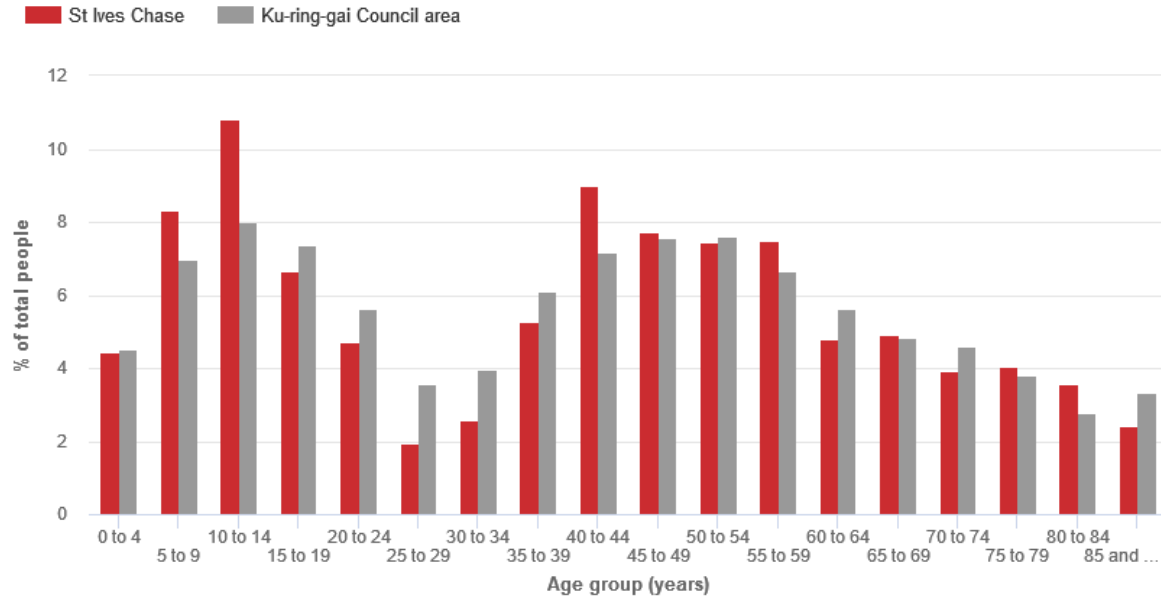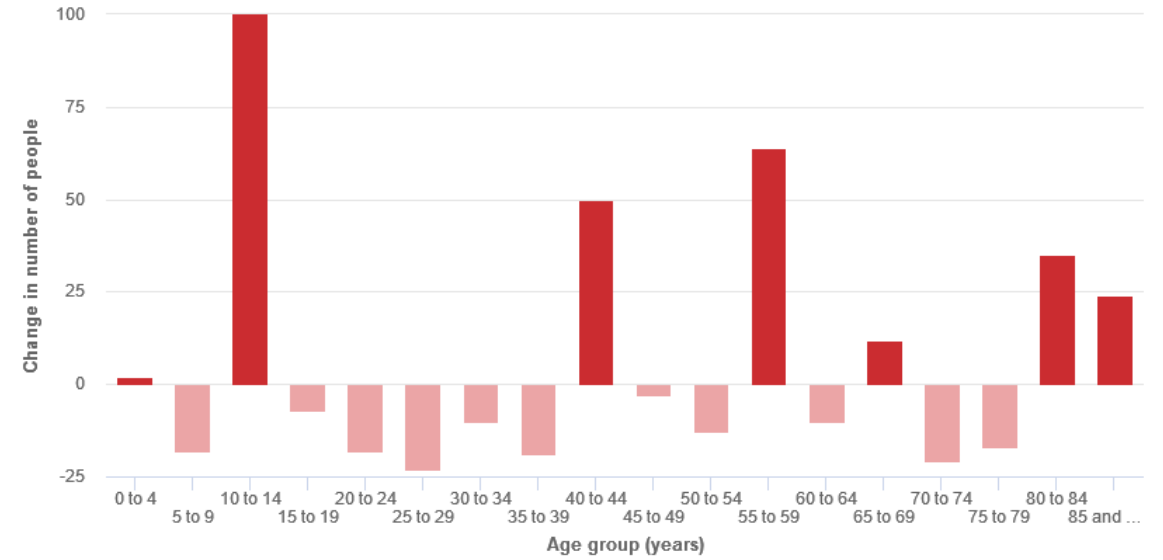Total persons

St Ives Chase   Ku-ring-gai Council area

Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

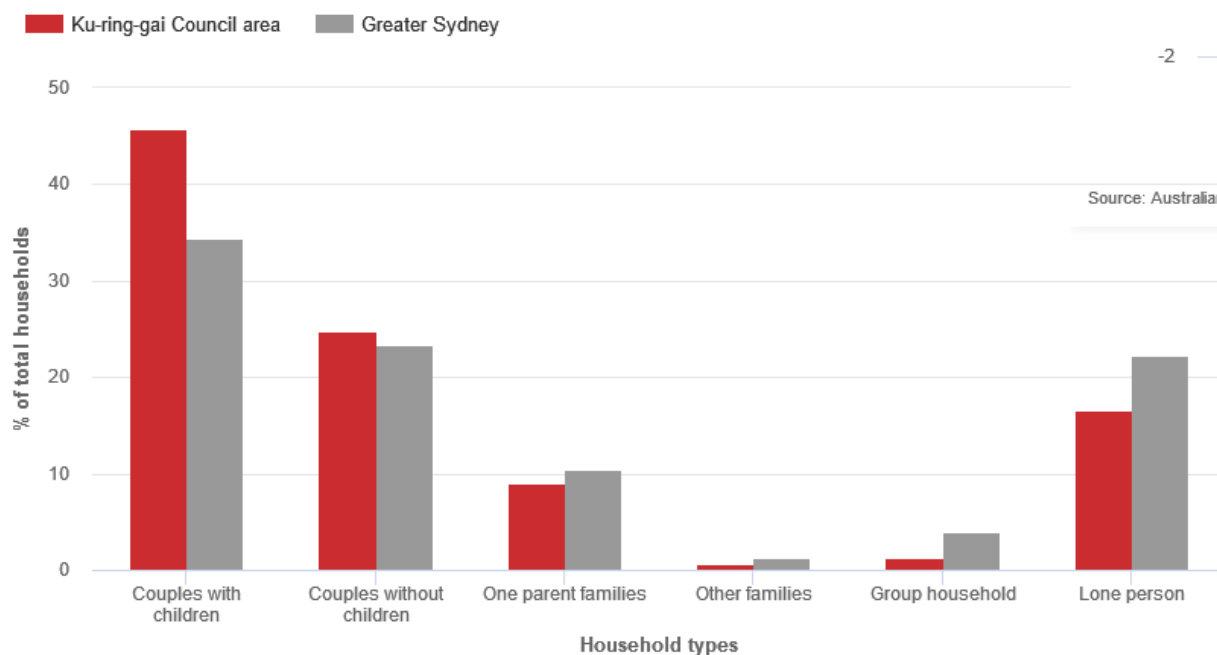Change in age structure - five year age groups, 2016 to 2021
St Ives Chase - Total persons

Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Usual residence data). Compiled and presented in profile.id by .id (informed decisions).

Very well off mature families, including boarding schools (?)

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Household type trends

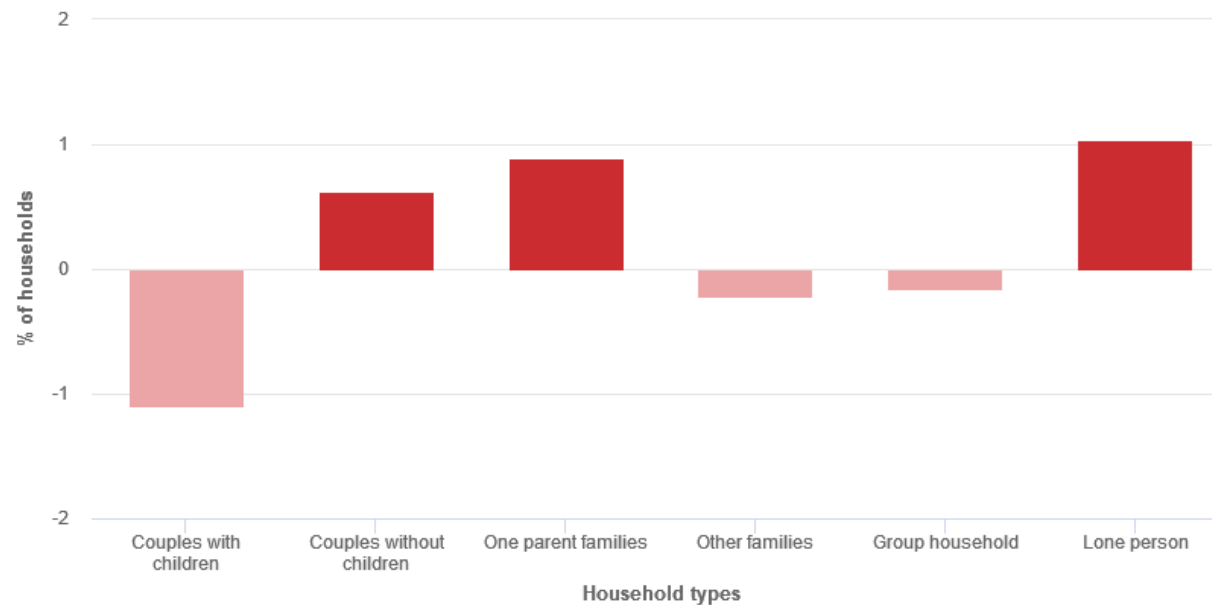Ku-ring-gai is a well off couple family with children area overall, with quite a few couples without children as well.

Change in household type, 2016 to 2021
Ku-ring-gai Council area

Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

Household type, 2021

Ku-ring-gai Council area   Greater Sydney

Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

There is a small shift towards one parent families and lone person household but it's pretty minor, as trends go.

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Household type trends

Change in households without children, 2016 to 2021
Ku-ring-gai Council area

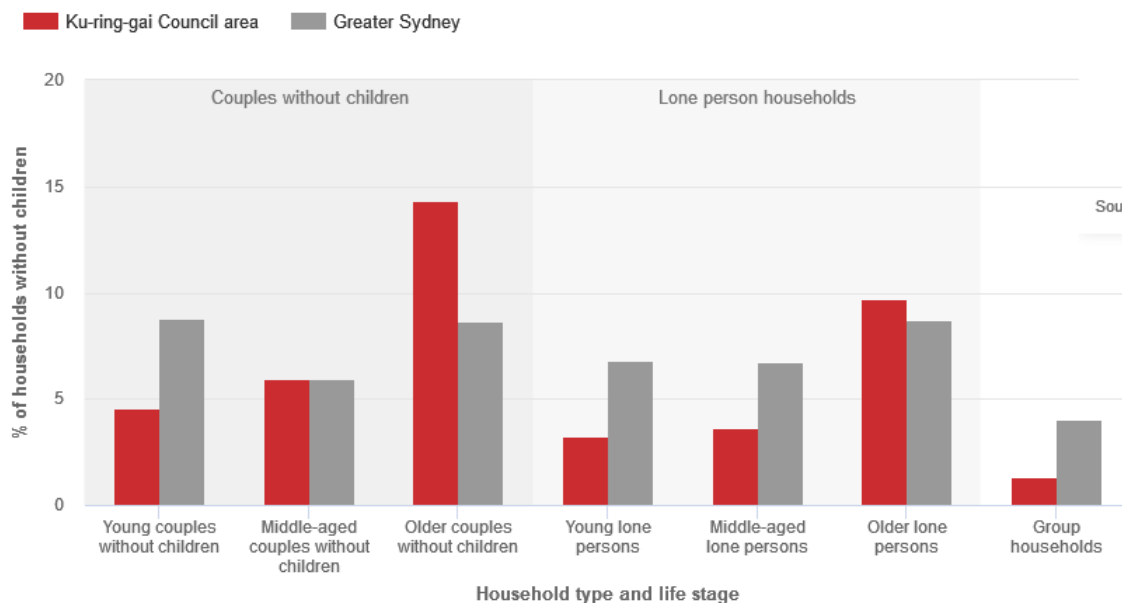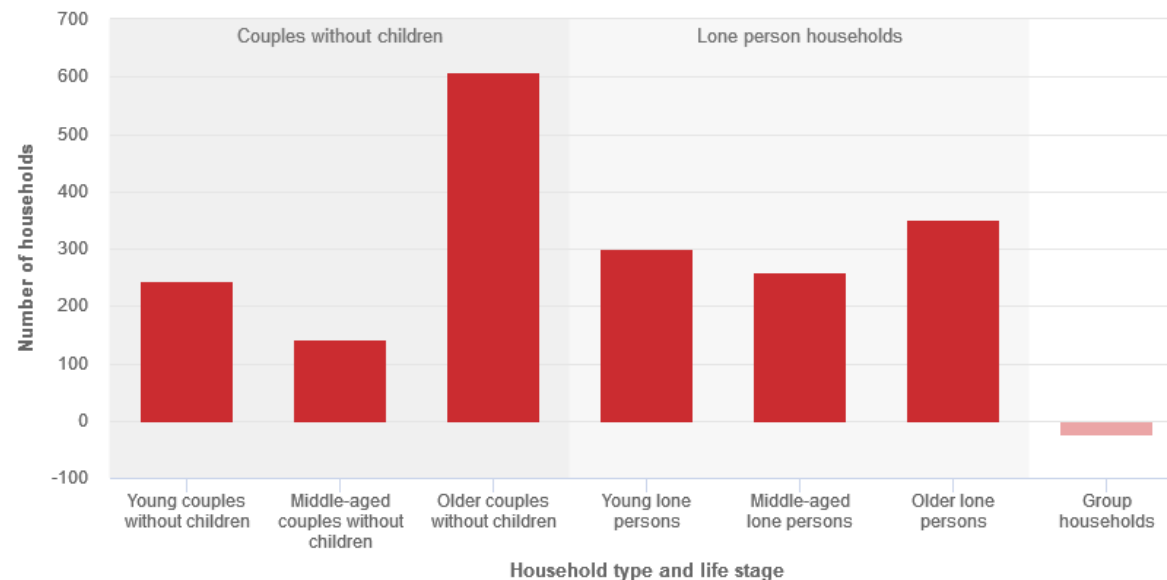**Households without children, 2021**

Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).
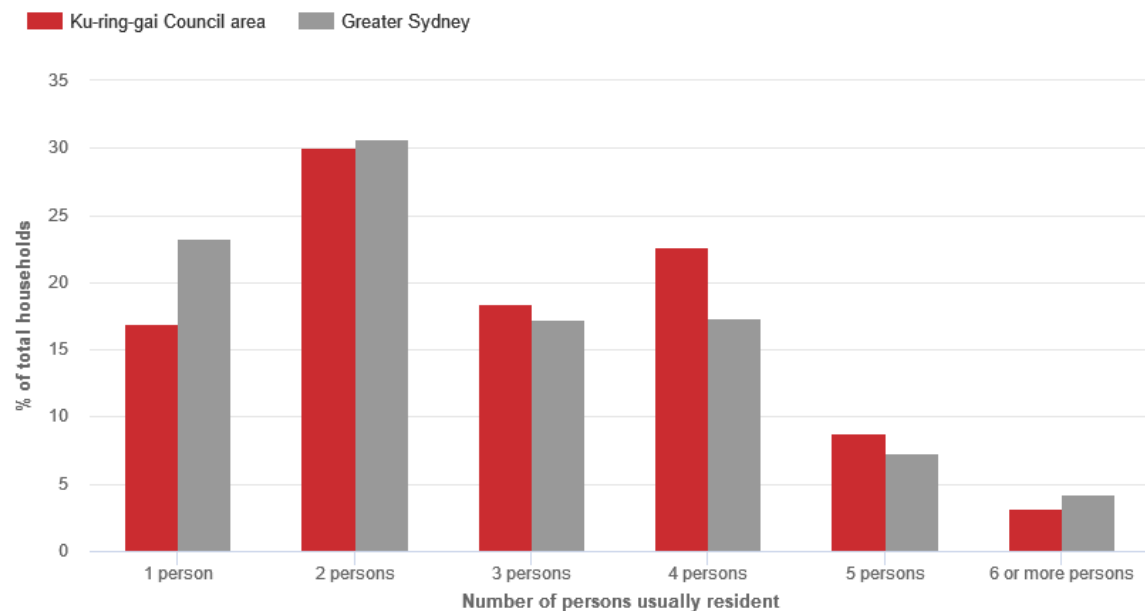
Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

The smaller household types when broken down by age show overwhelmingly that Ku-ring-gai houses older couples and lone persons, and most of the increase has been in this category, but some increase in the young couples and lone persons we well.

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Household type trends

Household size, 2021

- Ku-ring-gai Council area
- Greater Sydney

% of total households / Number of persons usually resident

Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

Change in household size, 2016 to 2021

Ku-ring-gai Council area
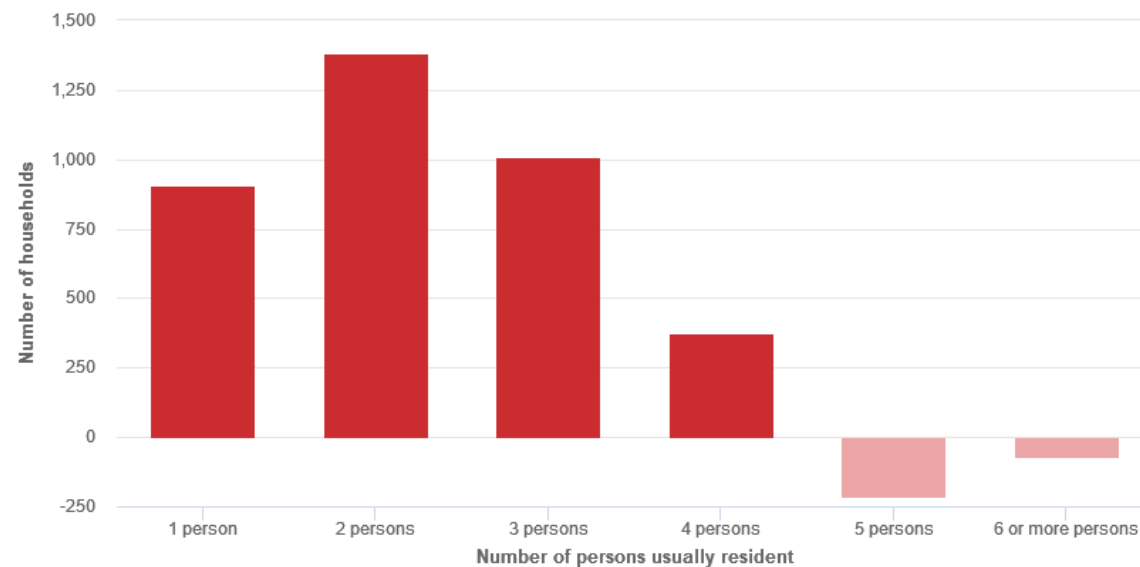
Number of households / Number of persons usually resident

Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

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Housing trends

Dwelling structure, 2021

Ku-ring-gai Council area · Greater Sydney

Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).
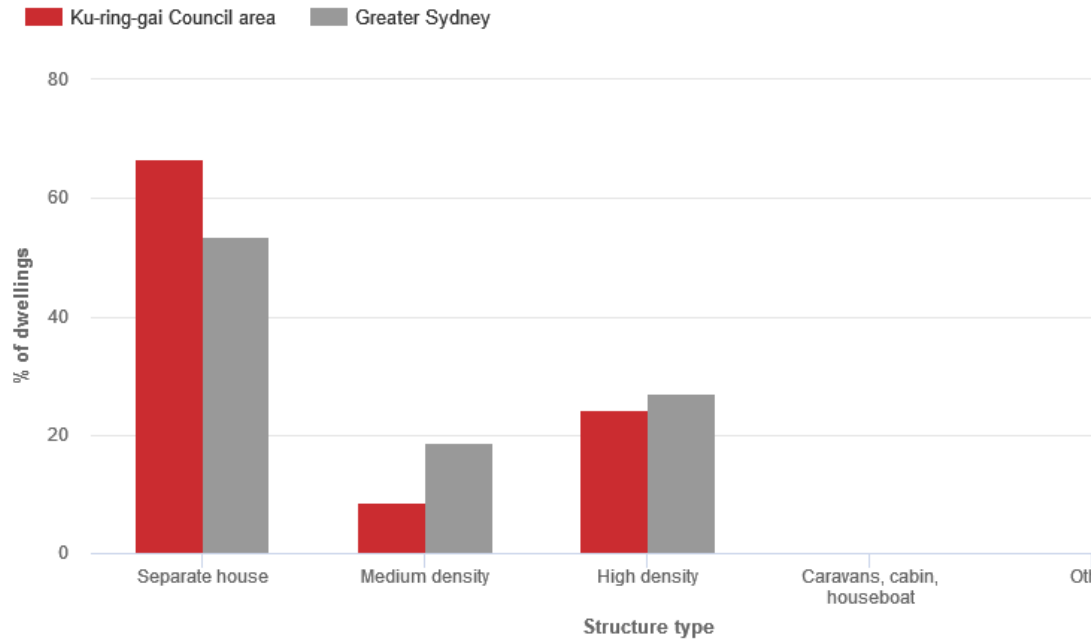

Change in dwelling structure, 2016 to 2021
Ku-ring-gai Council area

Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).
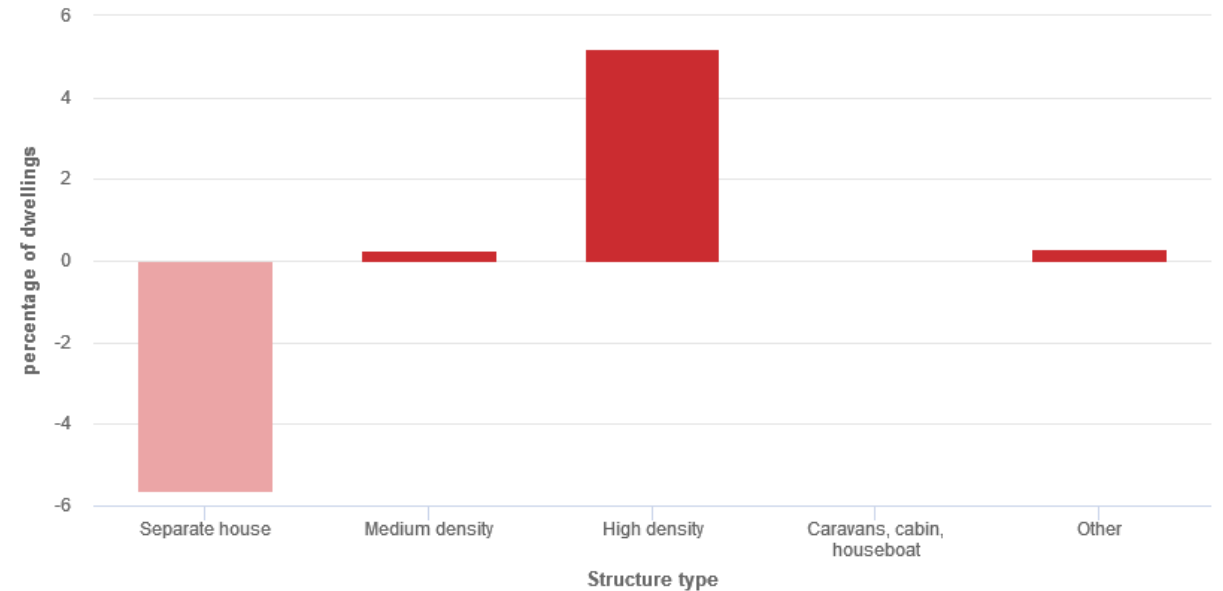
Ku-ring-gai remains a relatively low density area with separate houses dominating. But there is a continued shift into high density, mainly along the highway/railway corridor. Over 20 years the Council has gone from 5.6% to 24.2% of dwellings in the "high density" category, which includes all apartments over 3 storeys.

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Housing trends

Housing tenure, 2021

■ Ku-ring-gai Council area ■ Greater Sydney
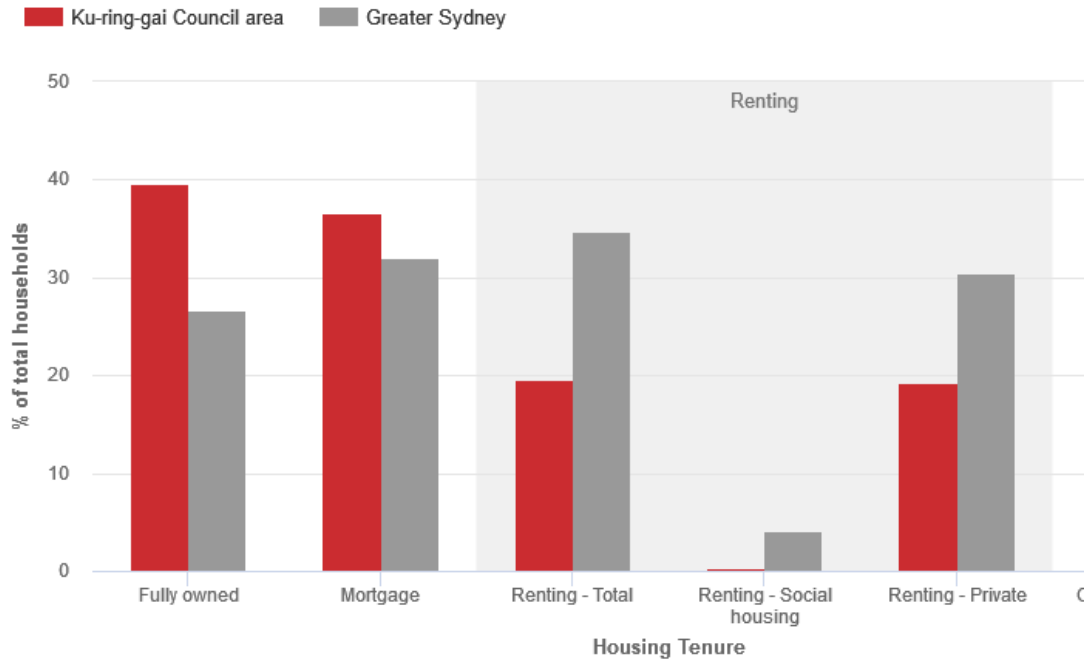
Change in housing tenure, 2016 to 2021

Ku-ring-gai Council area

Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).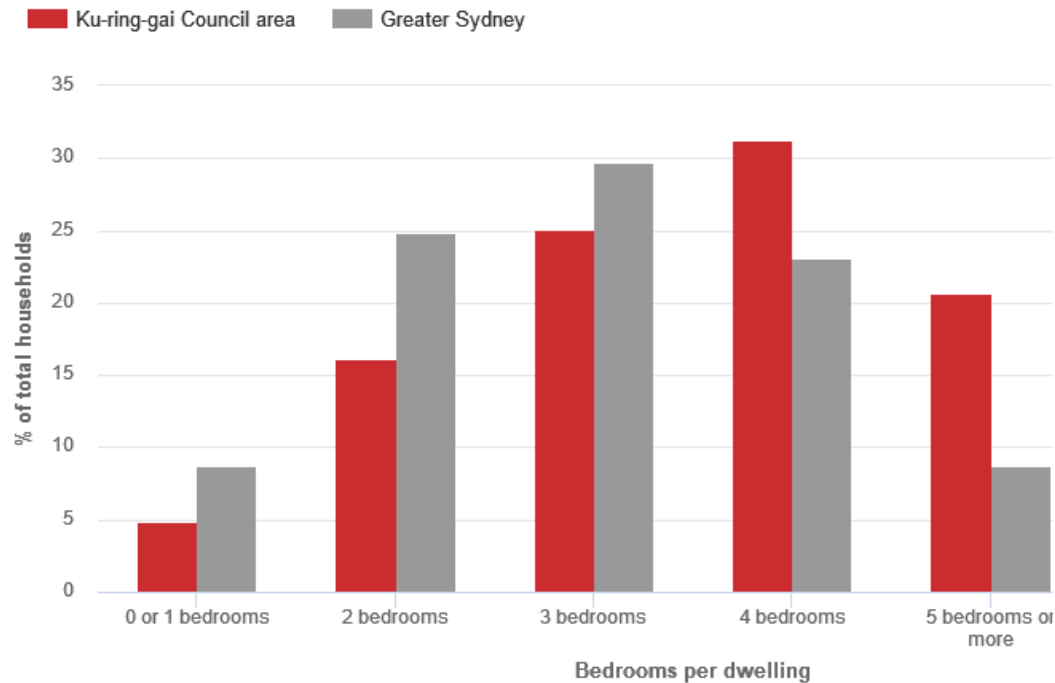 Source: Australian Bureau of Statistics, Census of Population and Housing, 2016 and 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

In line with a trend across Sydney, Ku-ring-gai has seen a strong shift into renting. Though it remains predominantly a home ownership area with almost 40% of dwellings fully owned by their occupants, and another 37% with a mortgage. There is virtually no social housing in Ku-ring-gai.
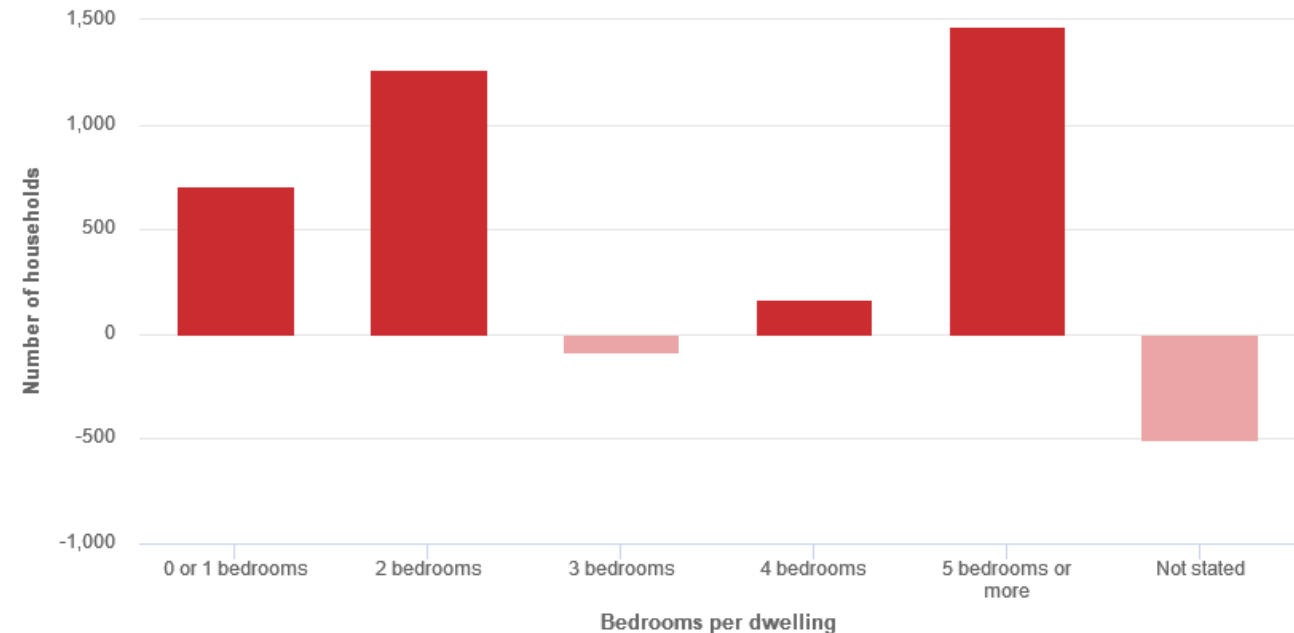
.id

Housing trends

Number of bedrooms per dwelling, 2021

■ Ku-ring-gai Council area ■ Greater Sydney

Bedrooms per dwelling

Change in number of bedrooms per dwelling, 2016 to 2021

Ku-ring-gai Council area

Bedrooms per dwelling

Large dwellings dominant, but both smaller and larger emerging. Increase in 2 bedroom dwellings indicative of the highe density forms, while 5 bedrooms or more increased the most, indicating renovations of the already large, expensive homes away from the highway.

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housing.id

- **Not currently a part of Ku-ring-gai Council's subscription.**

- Detailed housing supply/building approvals data – what types of dwellings are being built?

- What types of households live in what types of dwellings?

- How do housing prices compare to incomes?

- How many affordable sales and rentals are there in each area (updated every 6 months)

- Who is in housing stress and where do they live?

- What is the demand for affordable housing?

- Quantify the level of housing affordability for different household types in different areas.

- **.id can organise a demonstration if there is an interest in potentially adding this tool.**

- Example – http://housing.id.com.au/mid-coast

community profile

social atlas

population forecast

economic profile

housing monitor

monitor housing provision and affordability

community views

housing.id

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Diverse populations

TREND	Ku-ring-gai Council	New South Wales
Aboriginal and Torres Strait Islander	299 people, 0.2%	3.4%% (+0.5%)
Overseas-born	52,848 people, 42.6%, (+3.7%)	29.3% (+1.7%)
Speaking non-English language at home	41,469 people, 33.4% (+5.7%)	26.6% (+1.5%)
No Religion/secular	41.2% (+9.9%) Main religions – Catholic, Anglican	33.0% (+7.6%)

Large increase in culturally diverse groups in Ku-ring-gai Council. Much of it in Chinese-born population. Language other than English showing an increase at nearly four times the state average. No religion is now the largest group.

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Countries of Birth

Birthplace, 2021
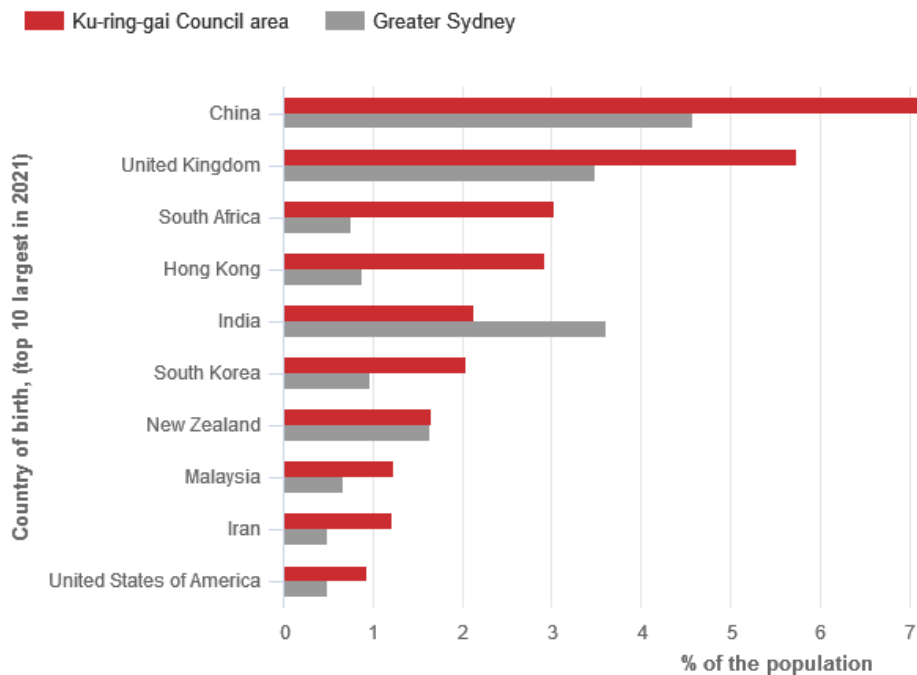
■ Ku-ring-gai Council area ■ Greater Sydney

Country of birth, (top 10 largest in 2021)

China
United Kingdom
South Africa
Hong Kong
India
South Korea
New Zealand
Malaysia
Iran
United States of America

% of the population — 0, 1, 2, 3, 4, 5, 6, 7

Change in birthplace, 2016 to 2021

Ku-ring-gai Council area

Country of birth, (top 10 largest in 2021)

China
United Kingdom
South Africa
Hong Kong
India
South Korea
New Zealand
Malaysia
Iran
United States of America

Change in number of people — -1,000, -500, 0, 500, 1,000, 1,500, 2,000, 2,500, 3,000, 3,500, 4,000, 4,500, 5,...

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Languages spoken

Language spoken at home, 2021
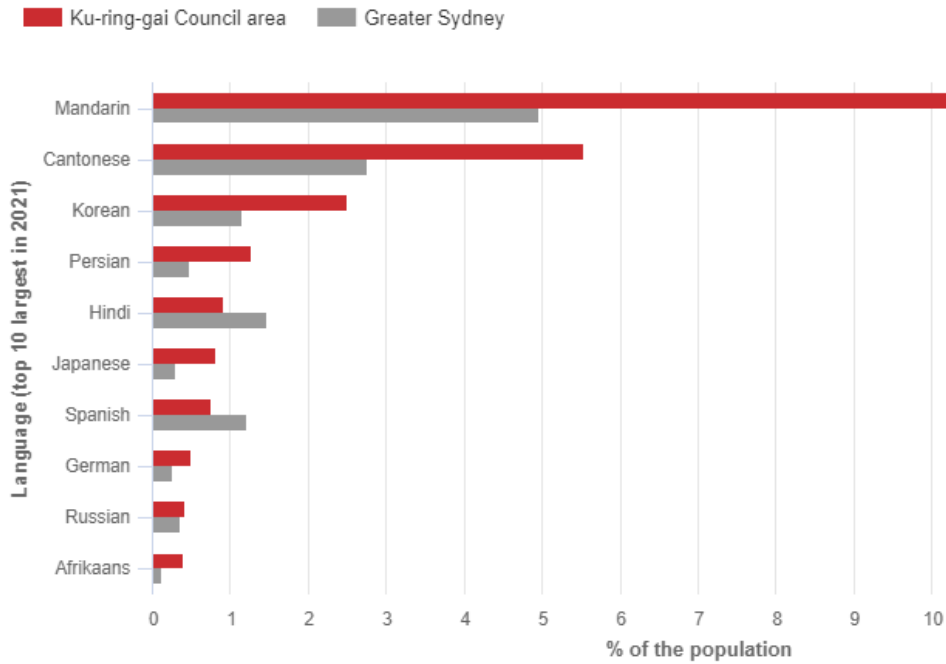
■ Ku-ring-gai Council area ■ Greater Sydney

Language (top 10 largest in 2021): Mandarin, Cantonese, Korean, Persian, Hindi, Japanese, Spanish, German, Russian, Afrikaans

% of the population

Change in language spoken at home, 2016 to 2021

Ku-ring-gai Council area
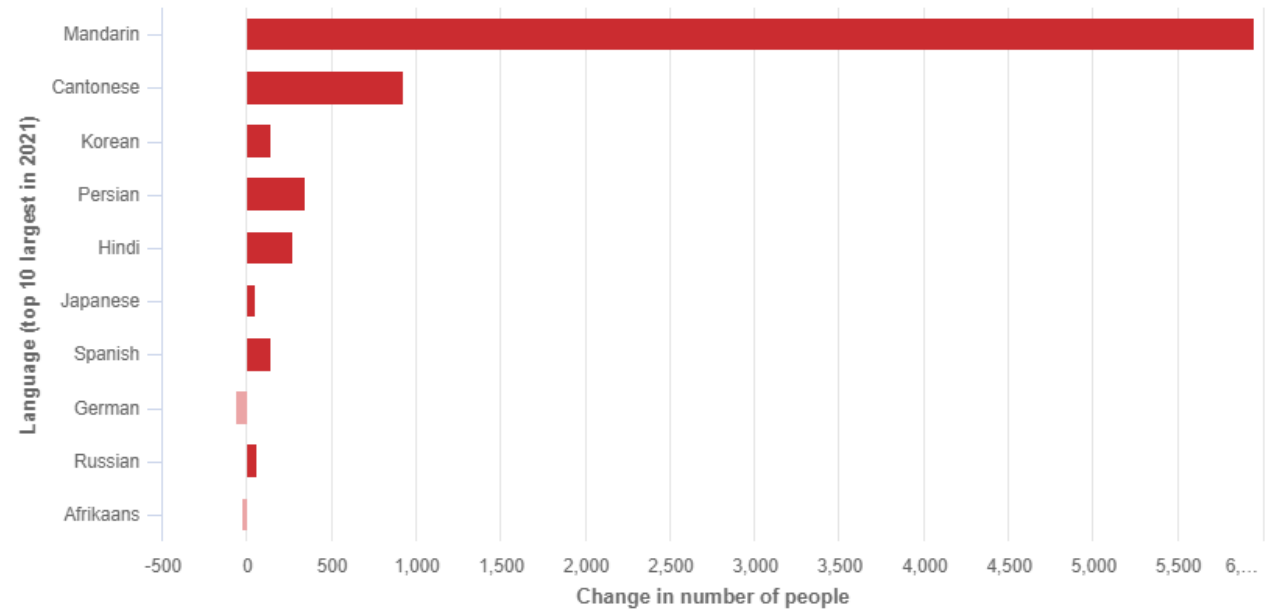
Language (top 10 largest in 2021): Mandarin, Cantonese, Korean, Persian, Hindi, Japanese, Spanish, German, Russian, Afrikaans

Change in number of people

.id

Income and housing payments

TREND from 2016 to 2021	Ku-ring-gai Council	New South Wales
Median weekly household income	$3,038 ▲ +16%	$1,829 ▲ +23%
Median weekly rental payment	$630, ▼ -3%	$420 ▲ +11%
Median weekly mortgage payment	$807 ▲ +13%	$500 ▲ +9%
SEIFA Index of Advantage/Disadvantage **NOTE not updated for 2021 Census yet.**	1,166	Ku-ring-gai is the most highly advantaged LGA in NSW, top 5 in Australia. SEIFA for 2021 due out March 2023.

.id

Household income

Weekly household income, 2021
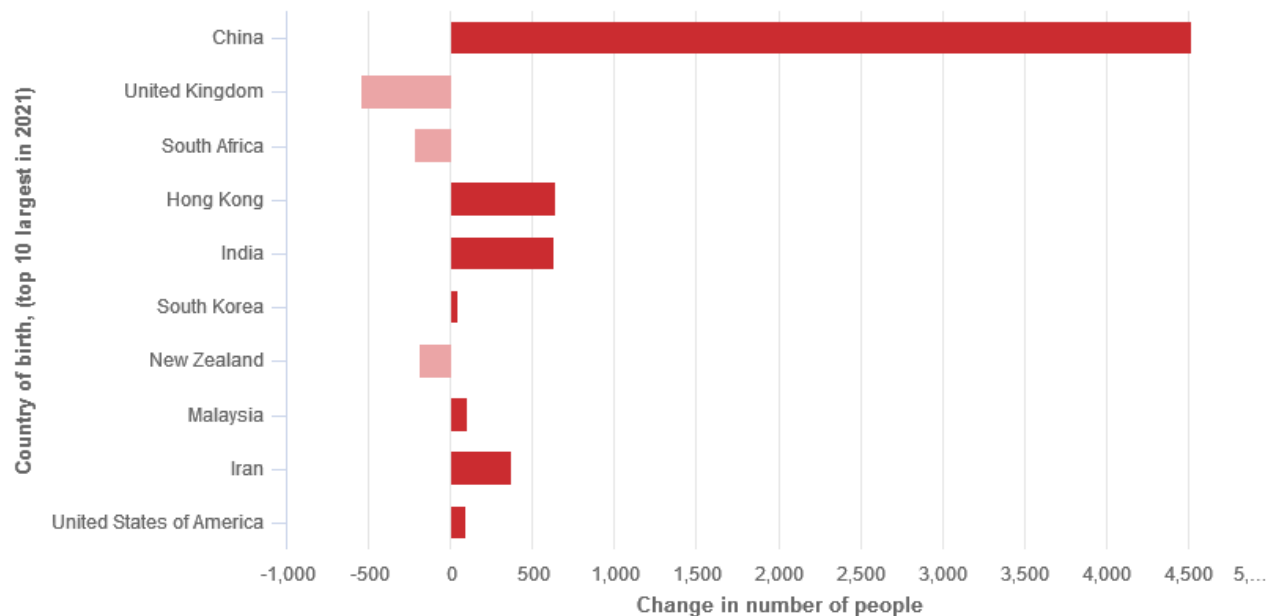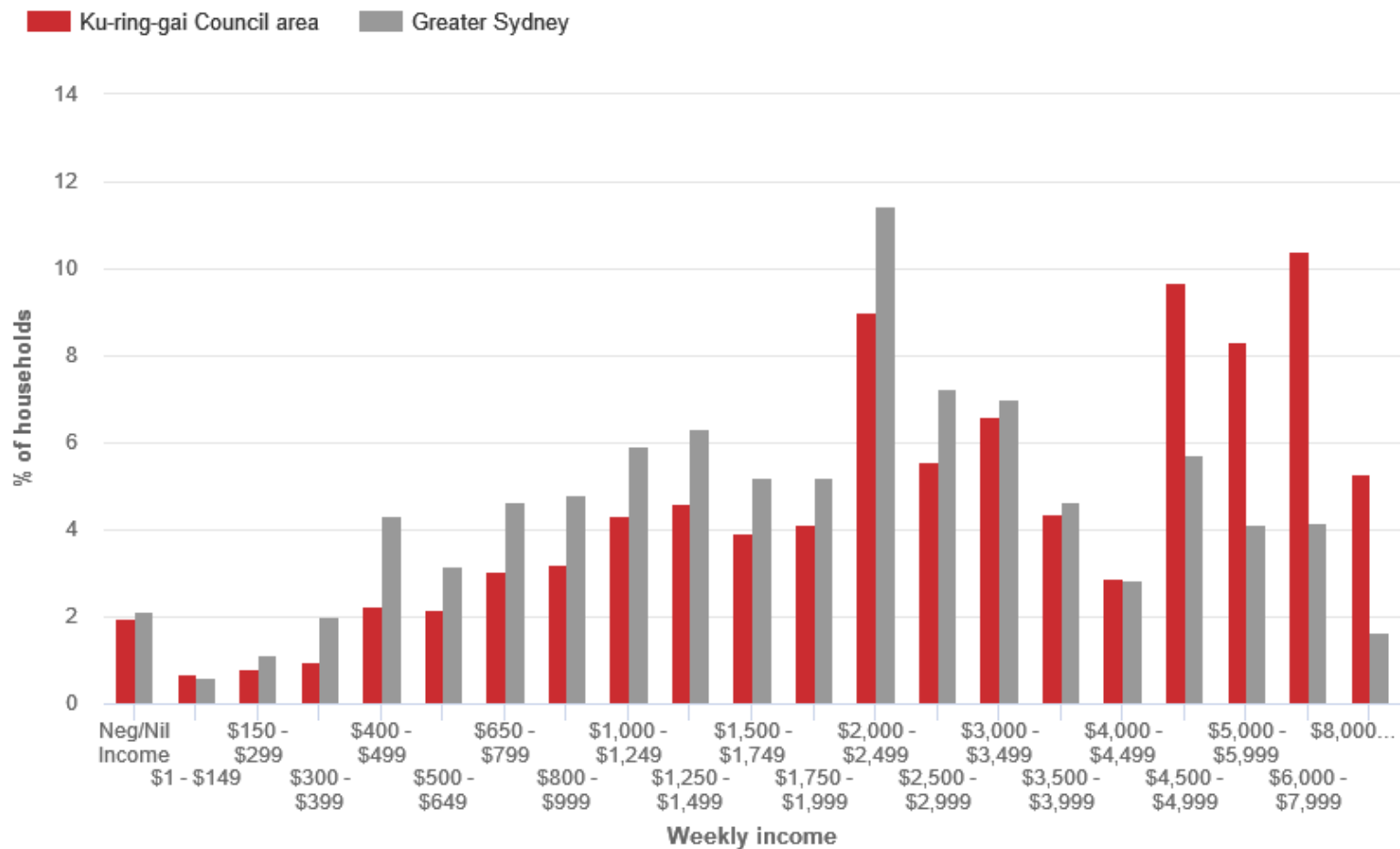
Source: Australian Bureau of Statistics, Census of Population and Housing, 2021 (Enumerated data). Compiled and presented in profile.id by .id (informed decisions).

Long term health conditions

Long term health conditions, 2021 Census, Ku-ring-gai Council and NSW
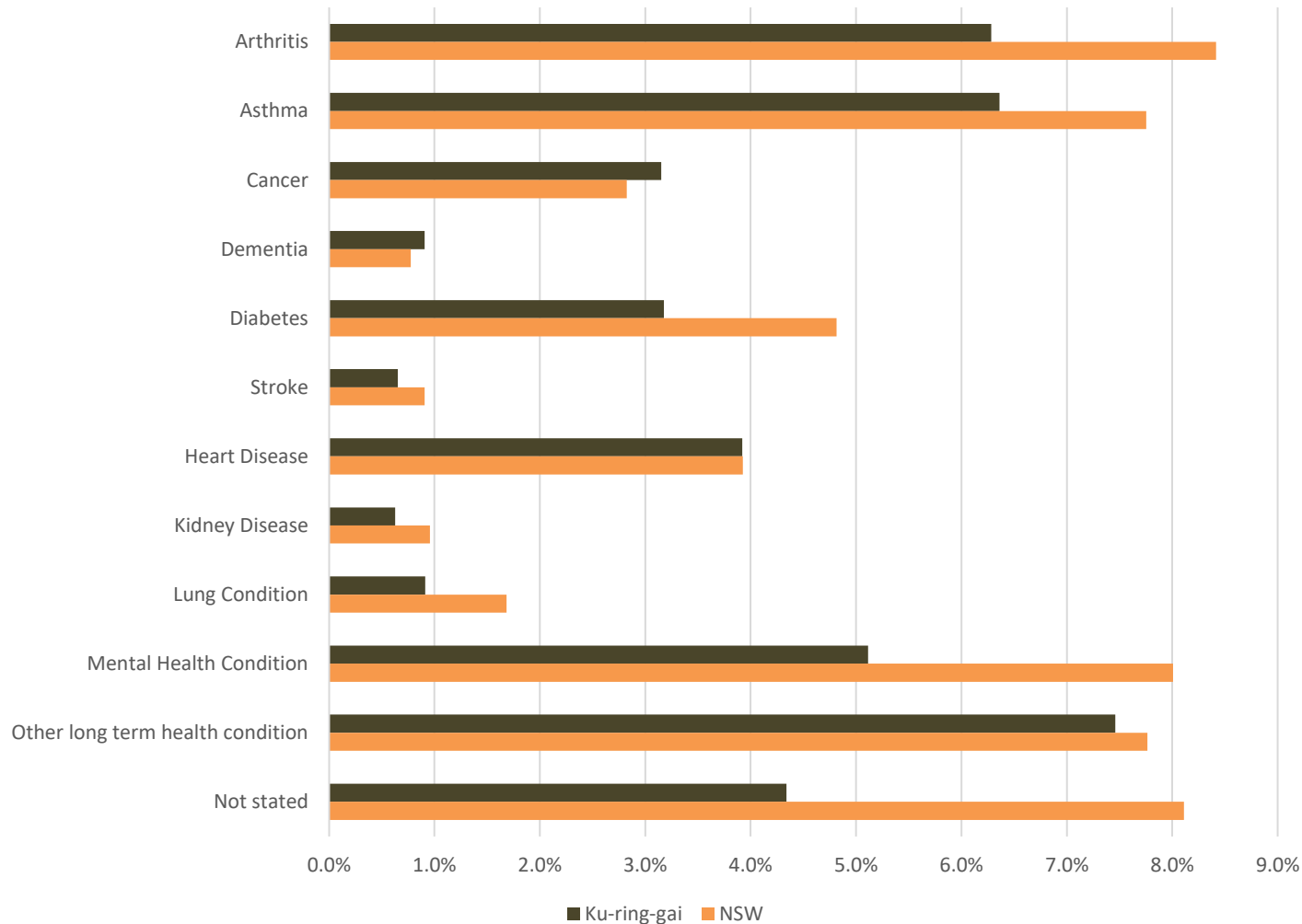
The new Census topic sheds a light on the number of people living with a chronic health issue.

Ku-ring-gai has a lower incidence of every long-term health condition compared to NSW – except for a slightly higher incidence of Cancer, which may be a concern.

Overall, the percentage with any LTHC is 27.3%, compared to a NSW average of 30.9%

.id

economy.id

- Annually updated, modelled economic data including jobs every year.

- Size of the economy, value and employment in 87 industry sectors

- Detailed journey to work information by industry and occupation.

- Track individual industry change over 15 years.

- Detailed worker profiles and characteristics.

- Economic modelling tool – what if? Analysis

- Event impact calculator

- Tourism information

- http://economy.id.com.au/ku-ring-gai

- Census data in economy.id will be updated from November 2022 – and the usual cycle of annual modelled data updates continues from early 2023.

- Recommend a detailed training session from .id's economics team.

community profile

social atlas

population forecast

economic profile

analyse jobs, industry and model economic change

housing monitor

community views

.id

Ku-ring-gai's economy

Ku-ring-gai's $7 billion economy is underpinned largely by a very strong health care and education sector.

Employment (total) by industry 2020/21

■ Ku-ring-gai Council area   ■ New South Wales

Industry sector (vertical axis):
- Agriculture, Forestry and Fishing
- Mining
- Manufacturing
- Electricity, Gas, Water and Waste Services
- Construction
- Wholesale Trade
- Retail Trade
- Accommodation and Food Services
- Transport, Postal and Warehousing
- Information Media and Telecommunications
- Financial and Insurance Services
- Rental, Hiring and Real Estate Services
- Professional, Scientific and Technical Services
- Administrative and Support Services
- Public Administration and Safety
- Education and Training
- Health Care and Social Assistance
- Arts and Recreation Services
- Other Services

Percentage of the employed (estimated): 0% 5% 10% 15% 20% 25% 30%

.id informed decisions

.id

forecast.id

- **Not currently a part of Ku-ring-gai's .id toolkit**

- Online information tool, for council staff, and for the public.

- Population, household, dwellings, age structure and household type

- 2016 to 2041, in individual years.

- Broken into detailed suburbs and precincts to understand development patterns.

- Politically independent.

- Based on council input on land supply, current housing policy, and .id's assessment of ongoing demand.

- Incorporates both national and state trends, and local trends at the suburb level.

- http://forecast.id.com.au/northern-beaches for an example.

community profile

social atlas

population forecast

plan for the future based on a set of agreed assumptions

economic profile

housing monitor

community views

.id
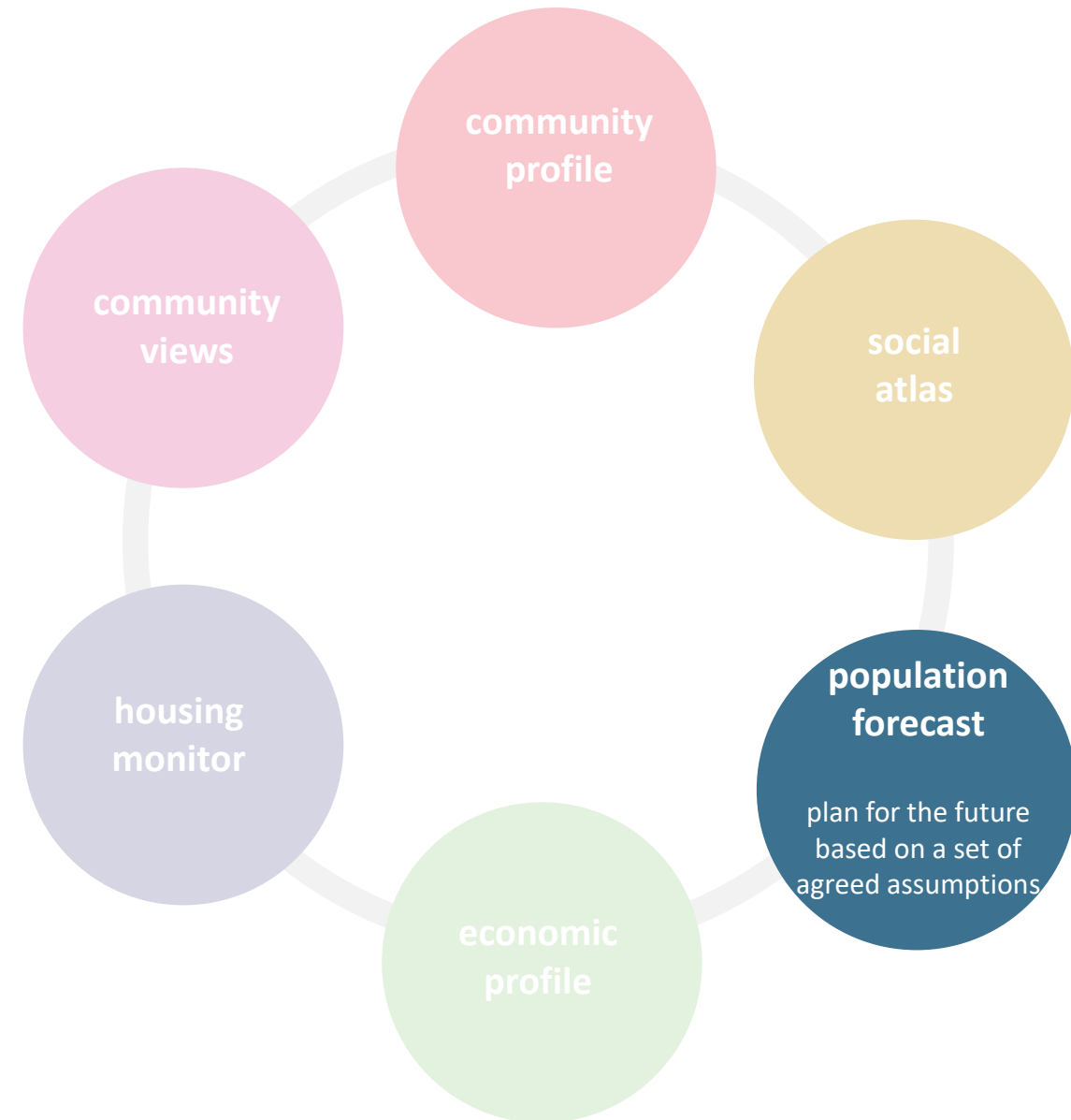
views.id

- We hear your community's views to inform, monitor and evaluate local government strategic planning and advocacy.

- Living in Place is an independent, robust and repeatable community survey that seeks to understand and advance the liveability of Australians' local areas. The survey…
  - Understands community values and local area experiences.
  - Calculates local area liveability and shows future needs.
  - Collects perspectives on health, wellbeing, financial circumstances, top local issues and ideas for improving quality of life.

- views.id analyses and reports survey insights for Australian LGAs and related groups. The platform…
  - Shows how your community's views compare to benchmarks.
  - Visualises how perspectives change across local areas and explores and the role of demography and life-stage.
  - Is home to tailored reports, insights, other helpful resources and ongoing support.

- We launched in 2021 and delivering for a diverse and growing number of LGAs.

- https://views.id.com.au/sunshine-coast

.id

STILL TO COME...

- Rolling out the remainder of first release –, income quartiles, education, unpaid work etc. etc.
- **atlas.id** updated with first release by end of August.
- housing.id (housing stress and housing consumption data) by end of September.
- 2nd release Census data in profile and atlas October/November. (Employment, industry, occupation and method of travel to work).
- **economy.id** Census data by end December 2022 (all 2nd release).
- **Communities of Interest module** updated by January 2023.
- SEIFA index and homelessness counts – March 2023.

.id

Summary

- Ku-ring-gai Council has access to 3 of .id's information tools – community profile, social atlas, and economic profile.

- The housing monitor tool, housing.id is also available to add. Also the Communities of Interest module and optional forecast.id.

- .id is available to help and provide training and ongoing support for all staff and users of the data.

- The Census 2021 rollout is proceeding, based on staged ABS releases, and the full suite should be updated by early 2023.

- Slides and session recording – http://content.id.com.au/briefings (or scan QR)

Access all your .id sites from the landing page at

http://www.id.com.au/ku-ring-gai

community profile

understand your community over multiple timescales

community views

hear community views

social atlas

allocate your resources at a local level

housing monitor

monitor housing provision and affordability

population forecast

plan for the future based on a set of agreed assumptions

economic profile

analyse jobs, industry and model economic change

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