

The National Science Challenges are funded by the Ministry of Business, Innovation and Employment

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Impact of long-term health conditions on families in Aotearoa NZ across the life-course

Long-term health conditions (LTHC)

Chronic obstructive pulmonary disease (COPD)

Acute myocardial infarction (AMI)

Cancer **Gout** *Stroke*

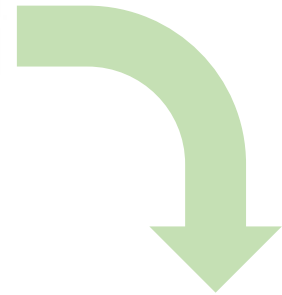
Traumatic brain injury (TBI)

Diabetes

Mental health conditions

Dementia

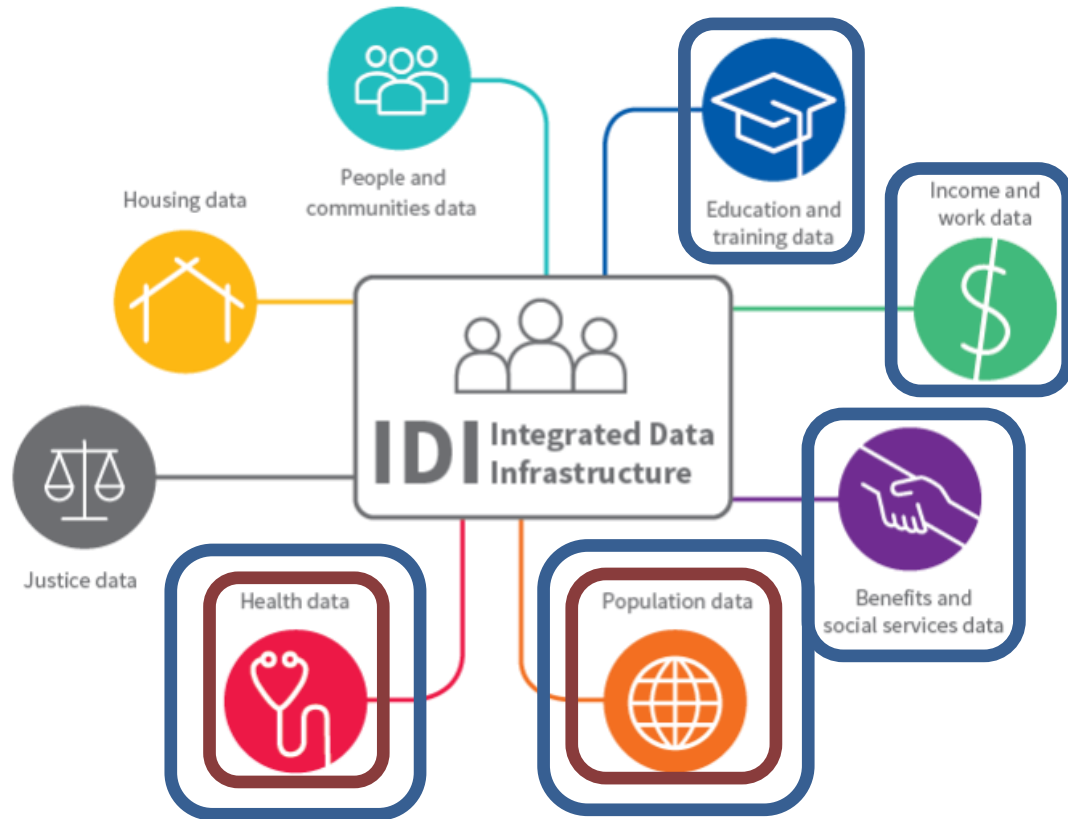
Coronary heart disease (CHD)



Attention-deficit hyperactivity disorder, anxiety disorders, autism spectrum disorder, bipolar disorder, conduct disorder, disruptive/behavioural disorders, depression, eating disorders, emotional problems, personality disorders, psychotic disorders, sleep disorders.

Data sources

Population & health conditions data



Population & demographics

Health conditions: 2008 to 2018

Census 2013

- **Family membership**
- **Family type/composition**
- **Household information**
- **Socioeconomics (NZDep)**
- **Ethnicity**
- **Age**
- **Gender**
- **Unpaid caring activities**

Cancer register

Chronic conditions dataset

Clinical assessments for older people (interRAI)

Outpatient services (NNPAC)

Hospitalisations (Private & Public)

Mental health services (PRIMHD)

Disability assessments (SOCRATES)

Pharmaceutical prescriptions

Laboratory tests

Deaths (Mortality)

Impact of long-term health conditions on families in Aotearoa NZ across the life-course

- **What were the characteristics of NZ families in 2013?**
- **How many NZ families were affected by long-term health conditions (LTHC)?**
- **What were the characteristics of young peoples who were providing unpaid care to a someone with a disability or illness?**

These results are not official statistics. They have been created for research purposes from the Integrated Data Infrastructure (IDI) which is carefully managed by Stats NZ. For more information about the IDI please visit <https://www.stats.govt.nz/integrated-data>

NZ Families in 2013

1,043,172 study families

**From two to over 19
family members**

**Up to five family
nuclei living together**

**93,864 multi-
generational families**

**512 163
families with at
least one child**

**One couple with children:
434,670 families**

**One couple without children:
404,427 families**

**One single parent with children:
159,279 families**

**One couple without children &
one couple with children:
12,858 families**

**3,280,497 individuals:
981,906 children
2,298,543 adults**



NZ Families and LTHC

Data supplied by Stats NZ

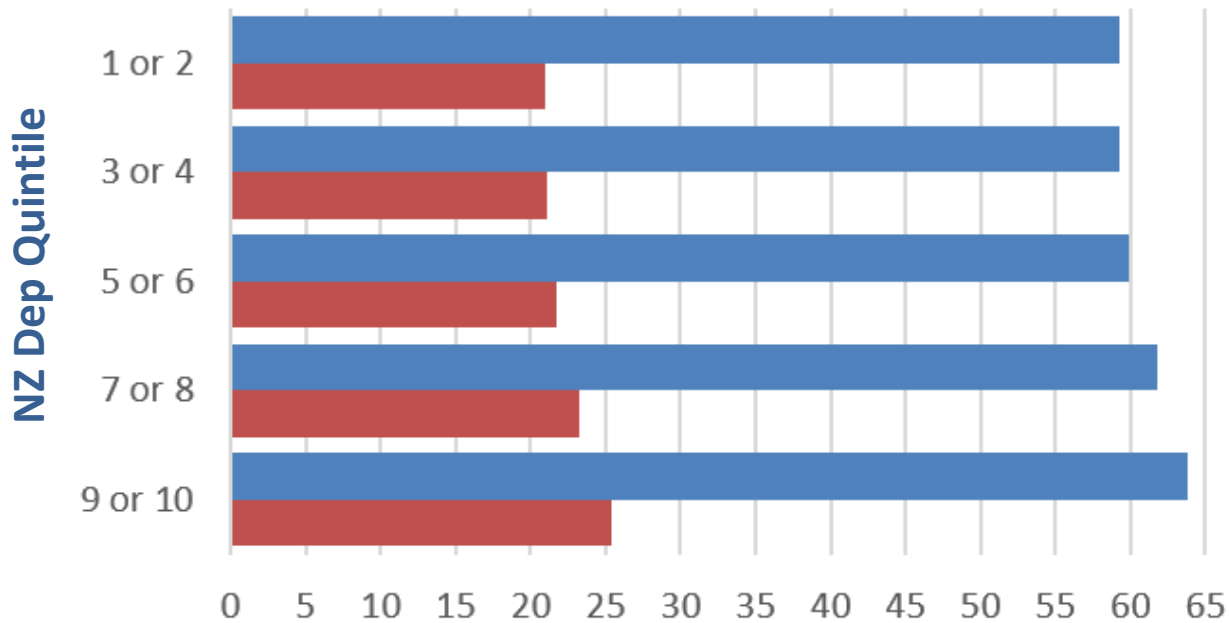
3 in 5 families were affected by a LTHC

19% of all families had

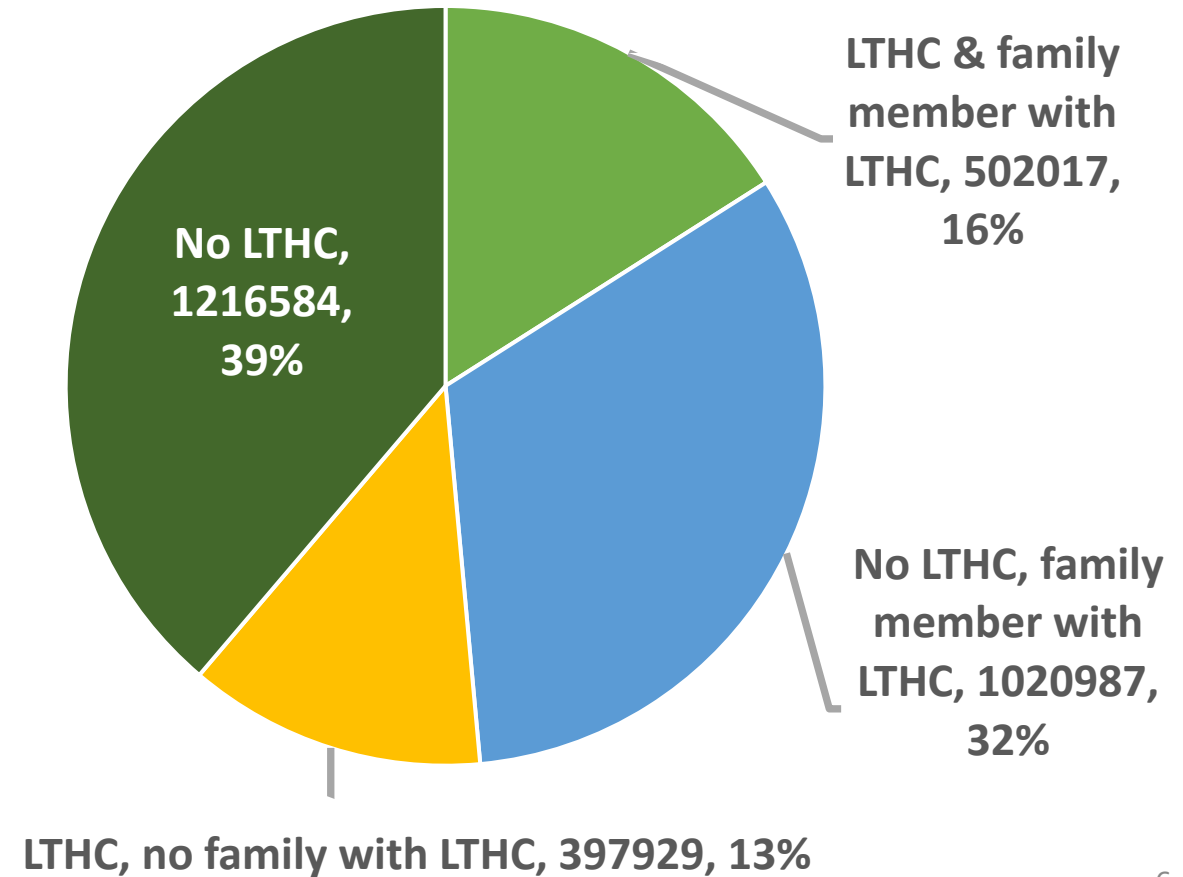
more than 2 people with a LTHC

Families had up to eight people with a LTHC

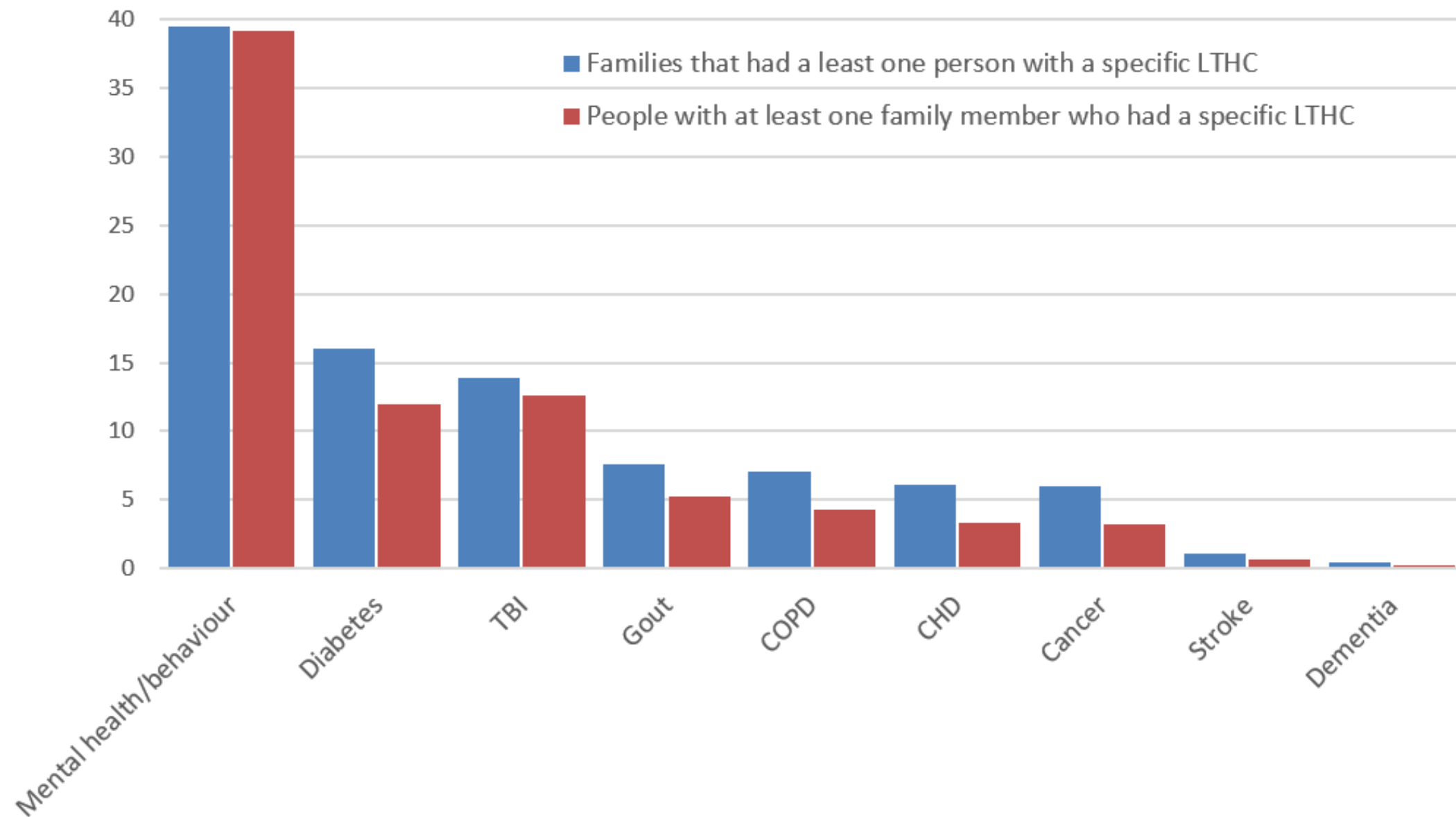
■ Any family member with a LTHC ■ ≥2 family members with a LTHC



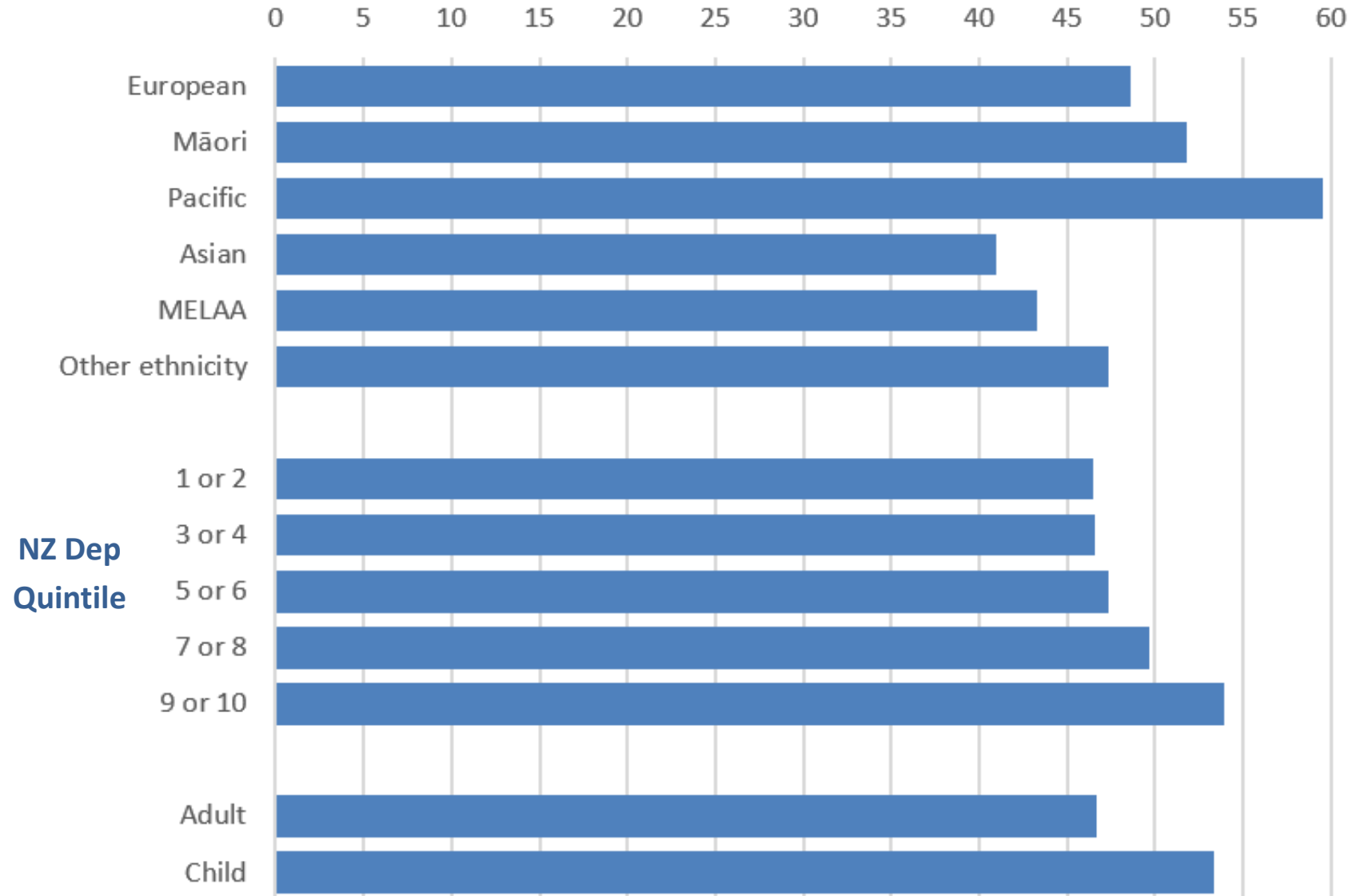
1,532,364 people (49%) had a family member with a LTHC



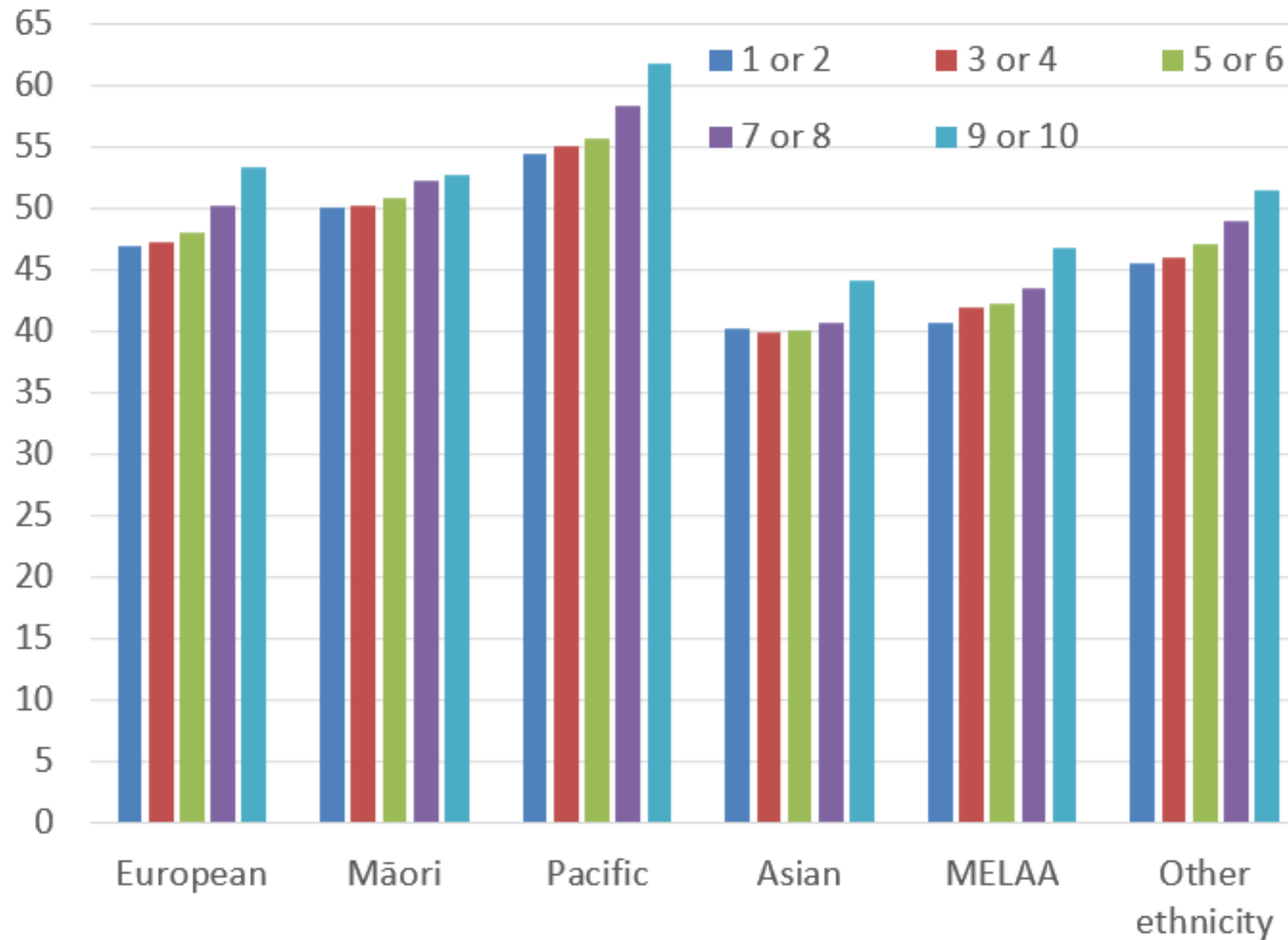
% of families and individuals affected by a family LTCH



% of people who had a family member with a LTCH

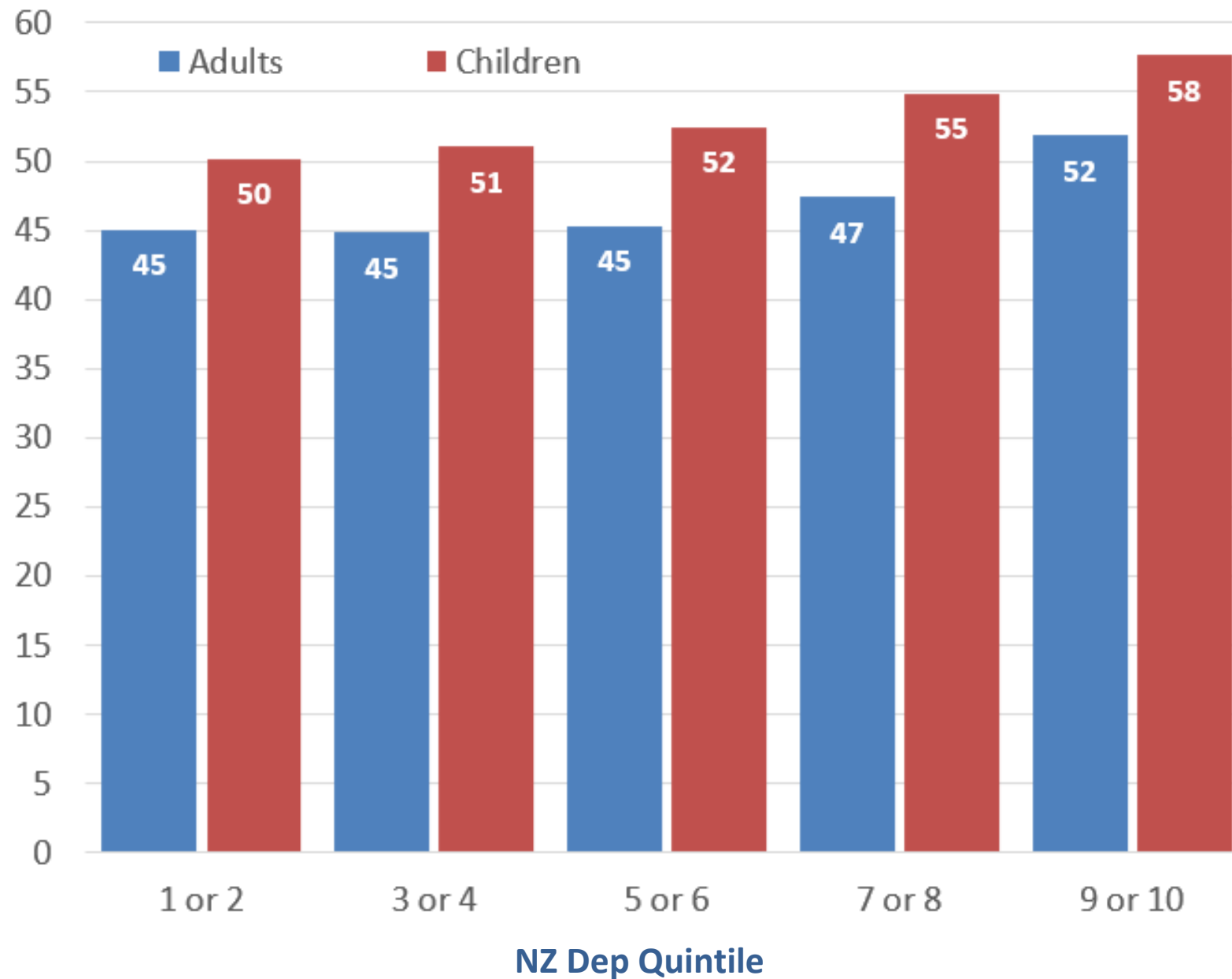


% of people who had a family member with a LTHC by NZ Dep

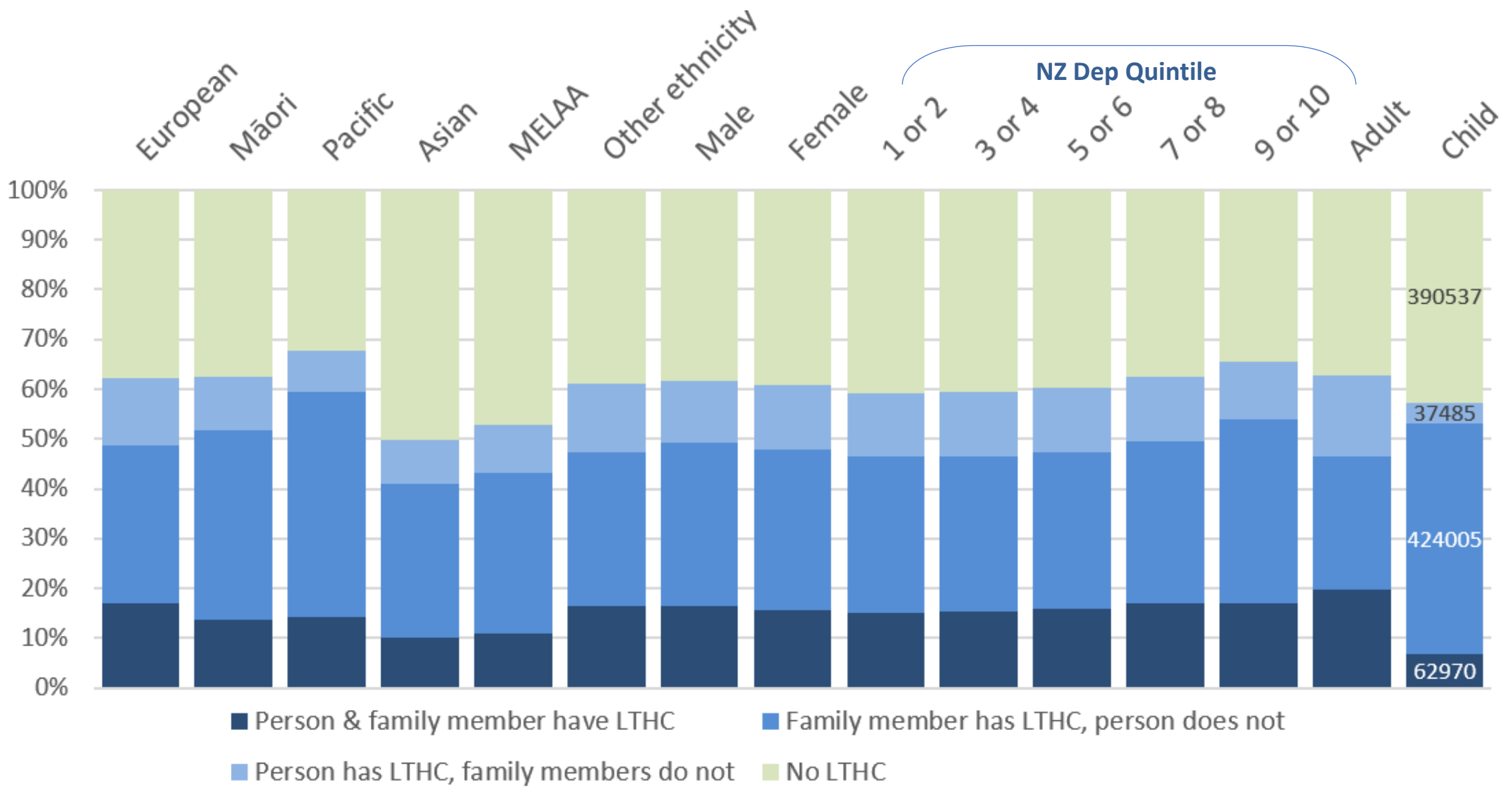


% of people who had a family member with a LTHC

Data supplied by Stats NZ



% of people in each group by LTHC presence/absence



390537

37485

424005

62970

Next steps...

- How does having a family member with a LTHC affect families over time?
- What are the health and education outcomes for children who have a family member with a LTHC?

Find out more...

<https://www.auckland.ac.nz/en/arts/our-research/research-institutes-centres-groups/compass.html>

<https://healthierlives.co.nz/research/lifecourse/>

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**New Zealanders aged 15–24
providing unpaid care for someone
with a disability or illness**

Providing Care in NZ

2013
Census
data

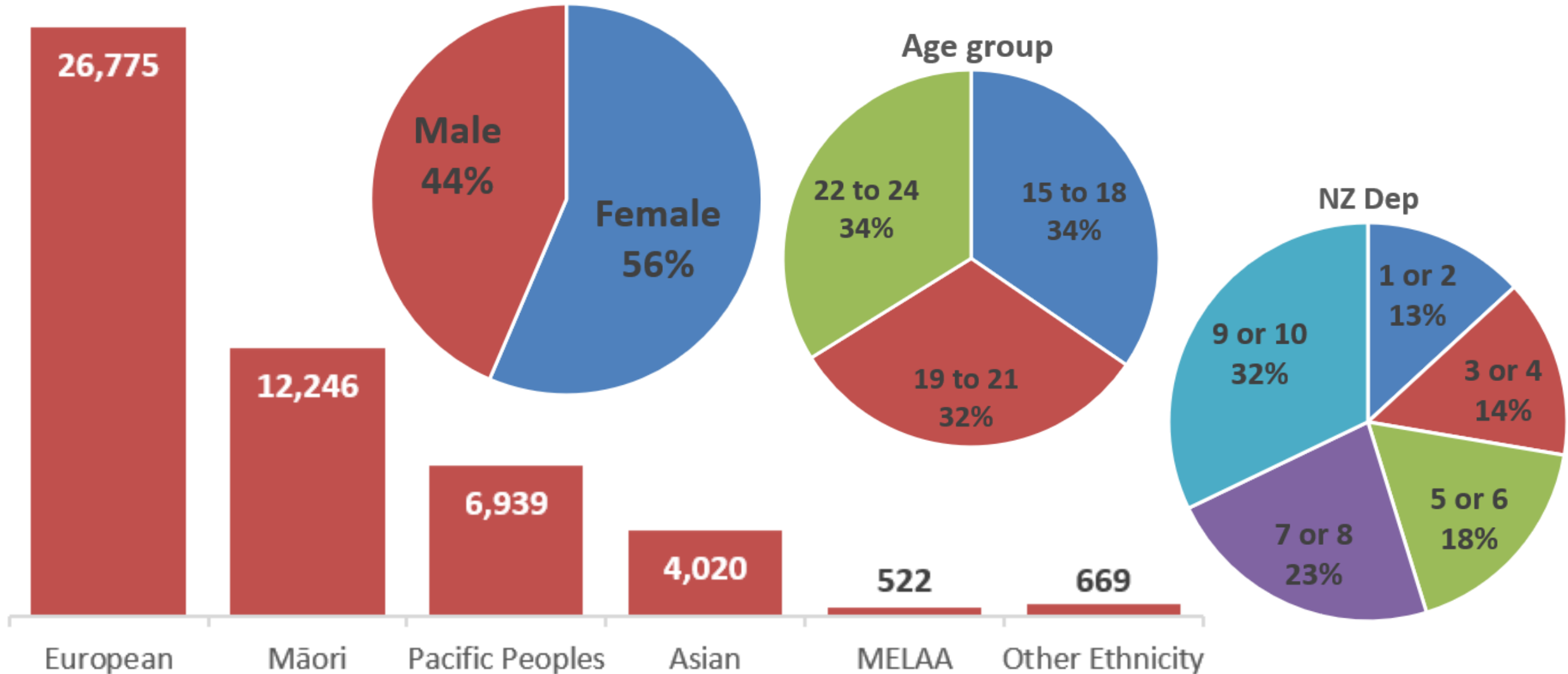
1 in 14 young people aged 15–24 were providing unpaid care for someone with a disability or illness

1 in 34 provided unpaid care for someone in their household

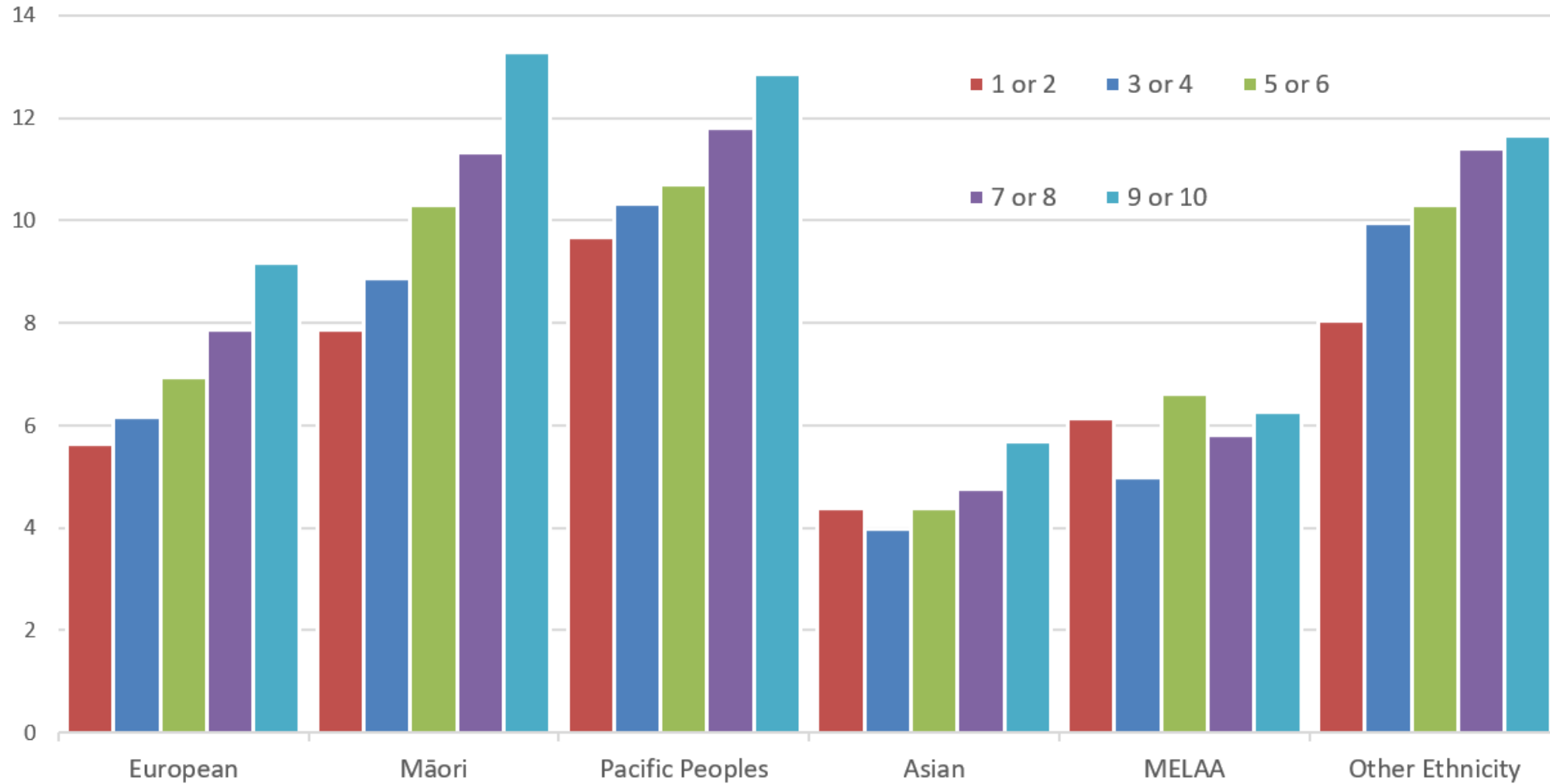
1 in 32 provided unpaid care for someone outside their household

1 in 100 provided unpaid care both in & outside of their household

42,135 young people providing unpaid care to someone with a disability or illness

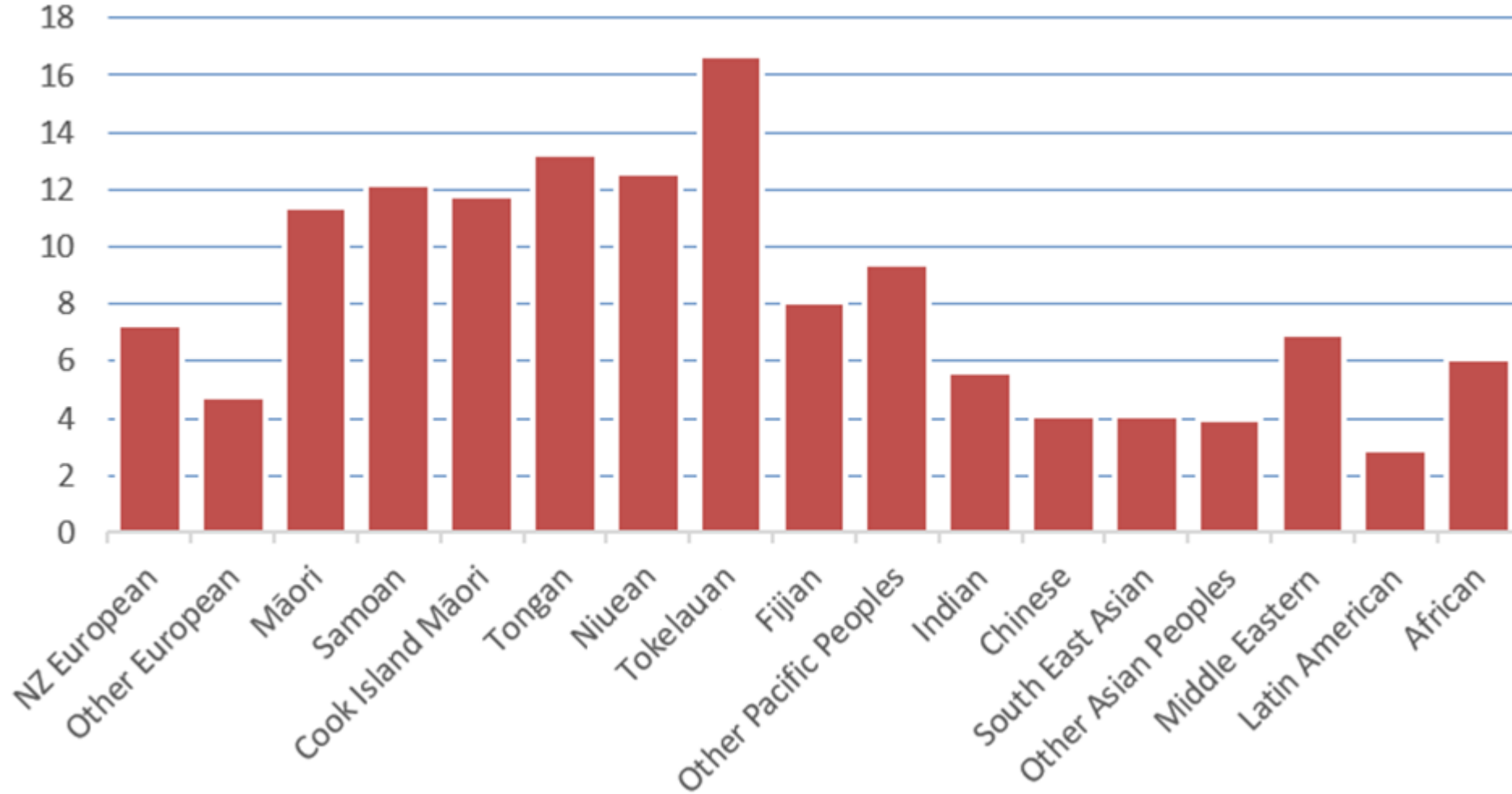


% who are Young Carers by NZDep

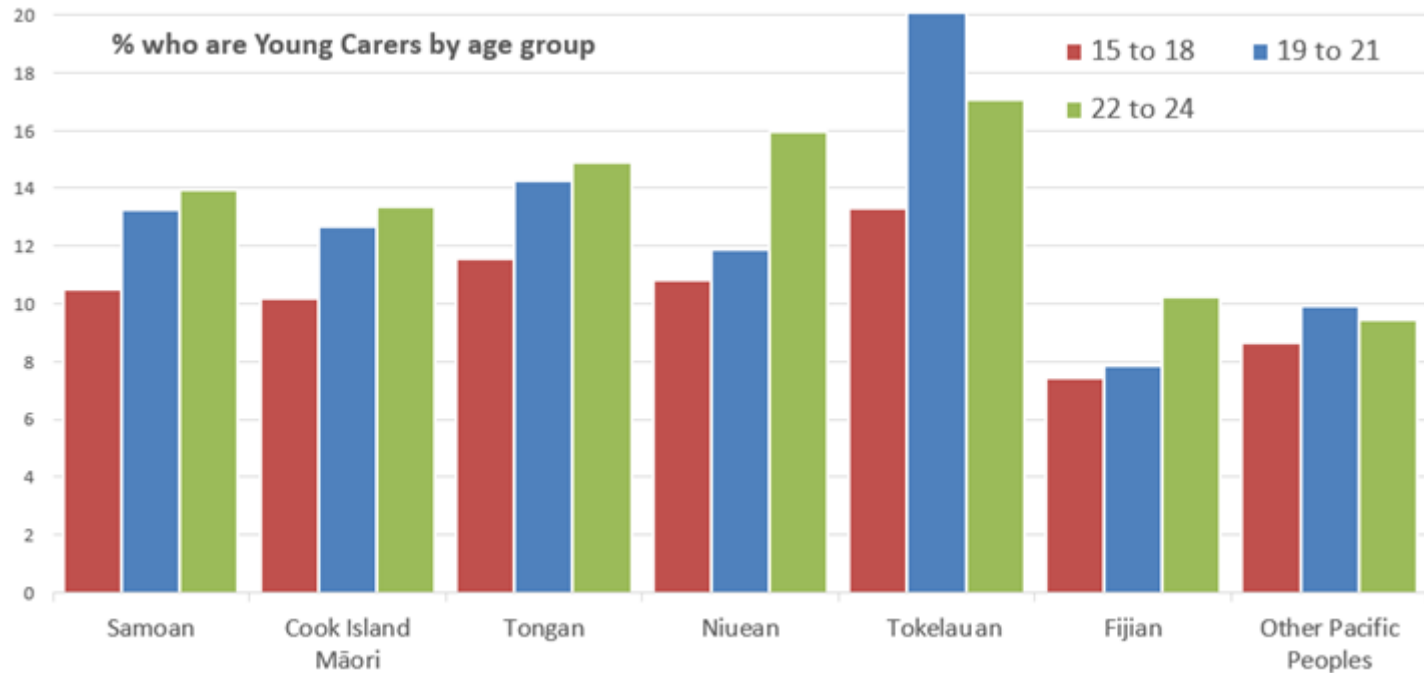
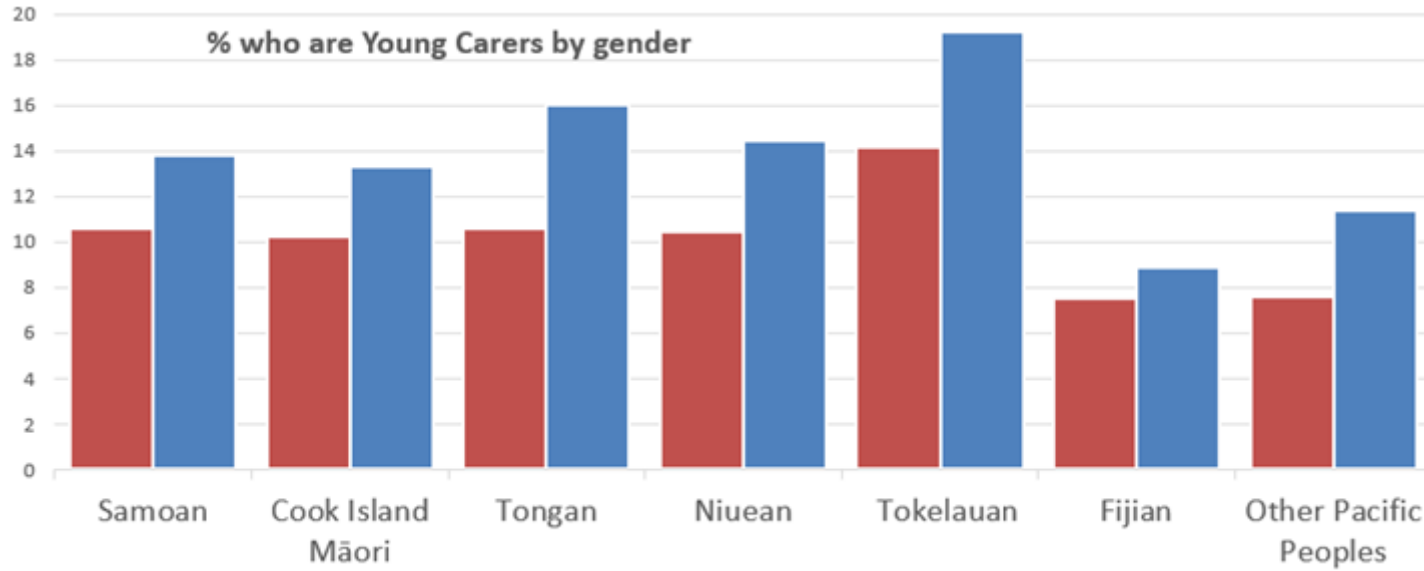


% of young people providing unpaid care to someone with a disability or illness

Data supplied by Stats NZ



Caring among Pacific young people



Next steps...

- What were the characteristics of young people who were providing unpaid care to a someone with a disability or illness in 2018?
- How does this compare with 2013?
- What are the health and education outcomes for young people who provide unpaid care to someone with a disability or illness?

Find out more...

<https://www.auckland.ac.nz/en/arts/our-research/research-institutes-centres-groups/compass.html>

<https://carers.net.nz/information/are-you-a-young-carer/>

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