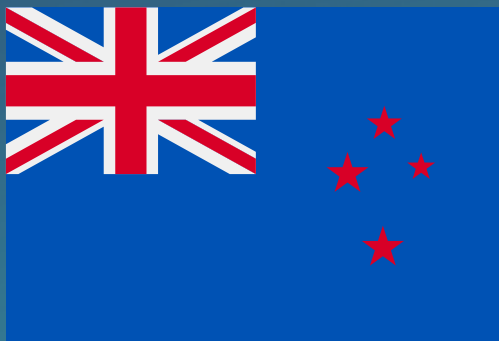




New Zealand



Country report card - children

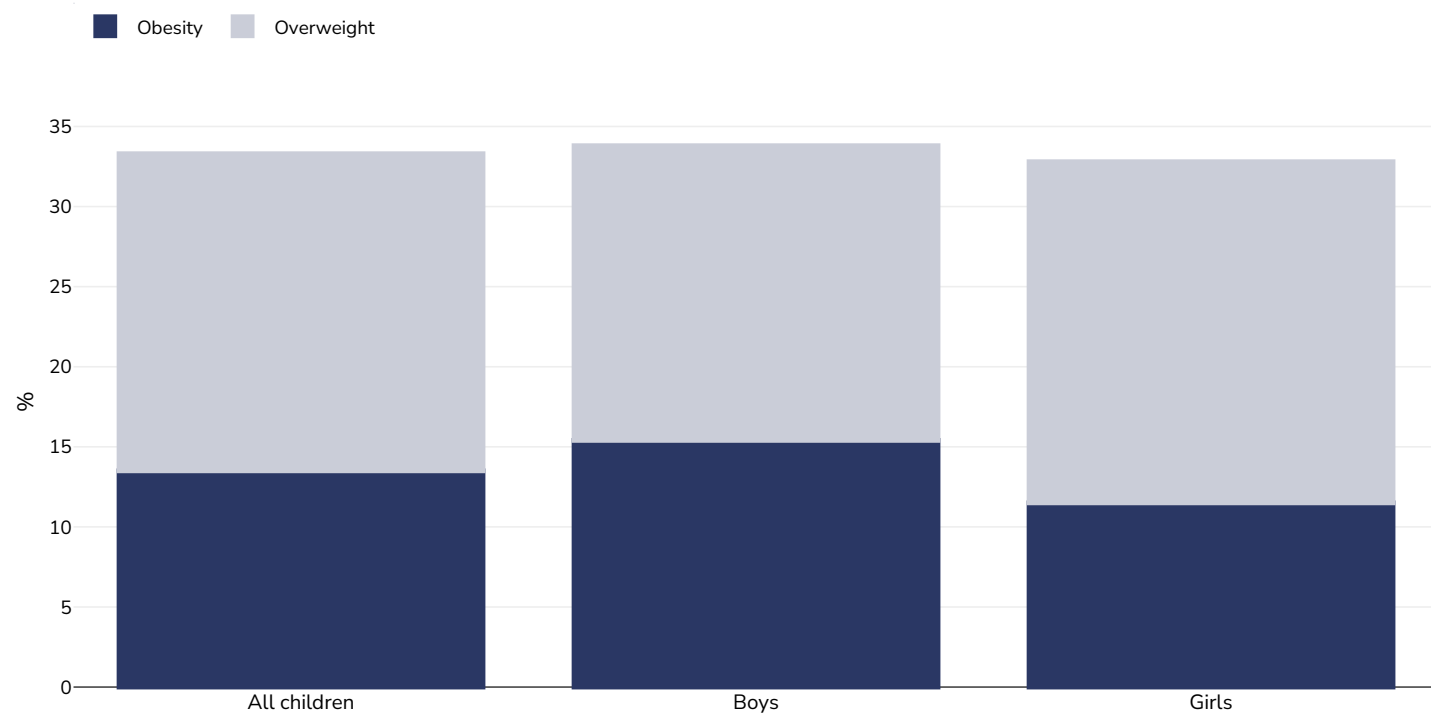
This report card contains the latest data available on the Global Obesity Observatory on overweight and obesity for children, including adolescents (aged 5 to 18 years). Where available, data on common and relevant obesity drivers and comorbidities are also presented.

View the latest version of this report on the Global Obesity Observatory at <https://data.worldobesity.org/country/new-zealand-155/>.

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Trend: Children obesity 2002-2023	7
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Obesity prevalence

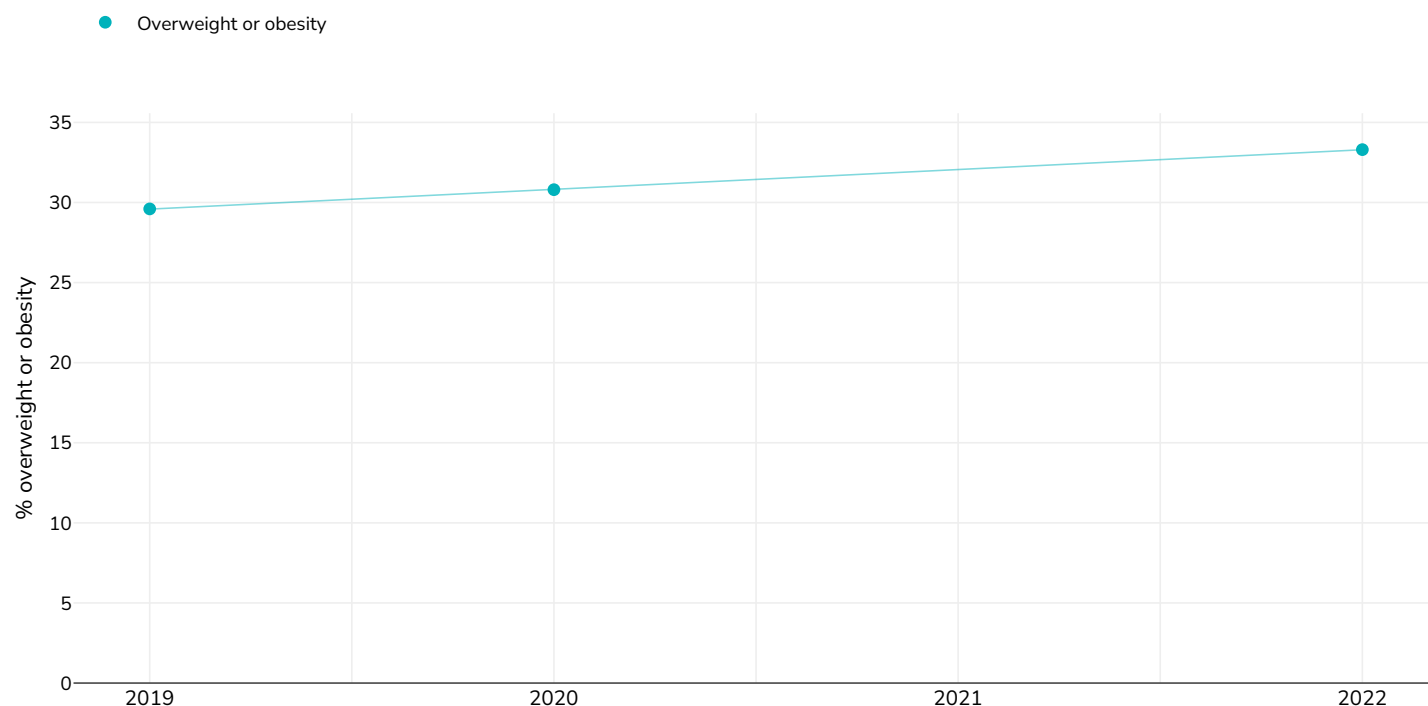
Children, 2022-2023



Survey type:	Measured
Age:	2-14
Sample size:	2029
Area covered:	National
References:	Annual Update of Key Results 2022/23: New Zealand Health Survey. https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey (Accessed 18.12.23)
Cutoffs:	IOTF

% Children living with overweight or obesity in New Zealand 2002-2022

Boys and girls



Survey type:

Measured

References:

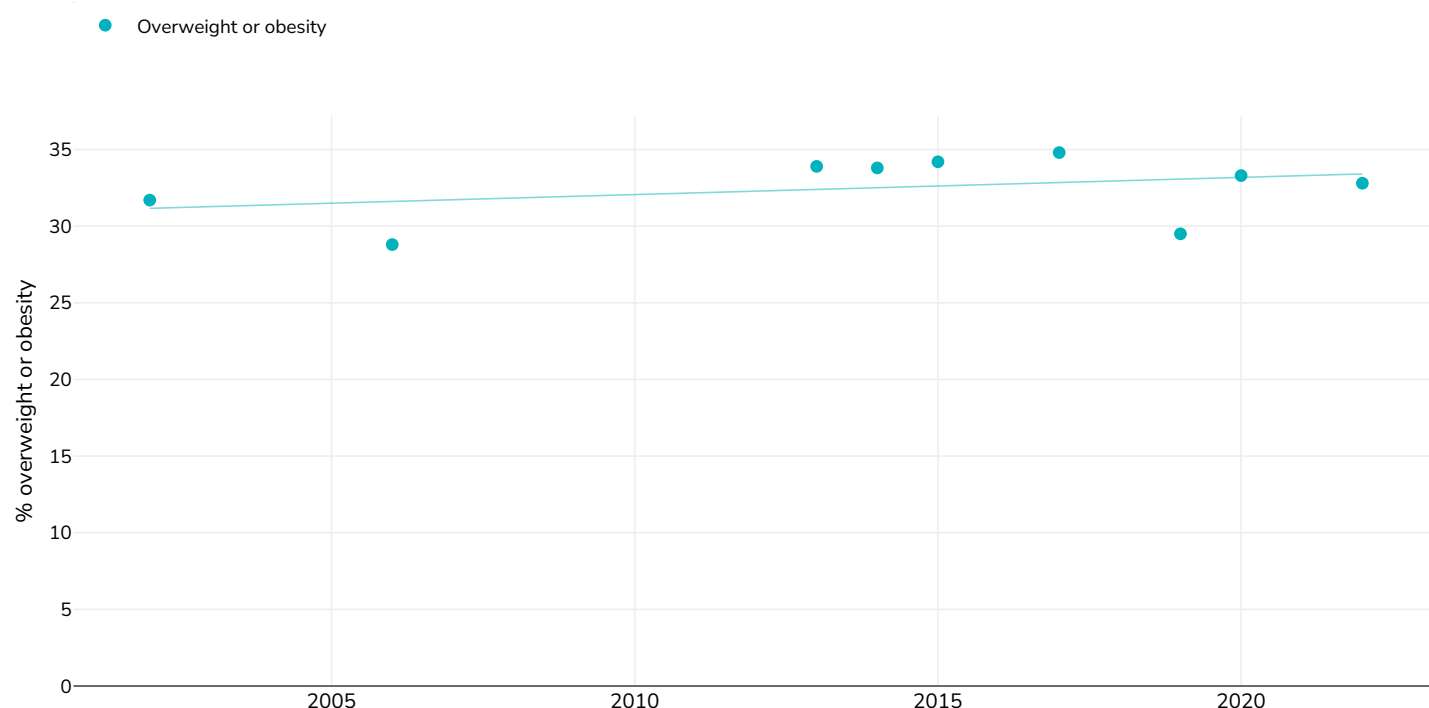
- 2002: Childrens Nutrition Survey 2002.
- 2006: National Health Survey New Zealand 2006/7 more information www.moh.govt.nz/moh.nsf/indexmh/portrait-of-health
- 2013: <http://www.health.govt.nz/publication/annual-update-key-results-2013-14-new-zealand-health-survey>
- 2014: New Zealand Health Survey 2014/2015. <https://www.health.govt.nz/publication/annual-update-key-results-2014-15-new-zealand-health-survey> (last accessed 16.12.2015)
- 2015: New Zealand Health Survey 2015-2016. Available at: <http://www.health.govt.nz/publication/annual-update-key-results-2015-16-new-zealand-health-survey> (Accessed 15 December 2016).
- 2016: Ministry of Health. 2018. Annual Data Explorer 2017/18: New Zealand Health Survey [Data File]. URL: <https://minhealthnz.shinyapps.io/nz-health-survey-2017-18-annual-data-explorer/> (last accessed 25.02.19)
- 2017: Ministry of Health. 2018. Annual Data Explorer 2017/18: New Zealand Health Survey [Data File]. URL: <https://minhealthnz.shinyapps.io/nz-health-survey-2017-18-annual-data-explorer/> (Accessed 11.04.19)
- 2019: Annual Update New Zealand Health Survey 2019/20 available at <https://ministryofhealthnewzealand.cmail19.com/t/i-l-mjrkhil-yhhldiuid-r/> (last accessed 19.11.20)
- 2020: Annual Update of New Zealand Health Survey 2020/2021 available at <https://www.health.govt.nz/publication/annual-update-key-results-2020-21-new-zealand-health-survey> Accessed 08.11.21.
- 2022: Annual Update of Key Results 2022/23: New Zealand Health Survey. <https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey> (Accessed 18.12.23)

Definitions:

IOTF

Different methodologies may have been used to collect this data and so data from different surveys may not be strictly comparable. Please check with original data sources for methodologies used.

Girls



Survey type:

Measured

References:

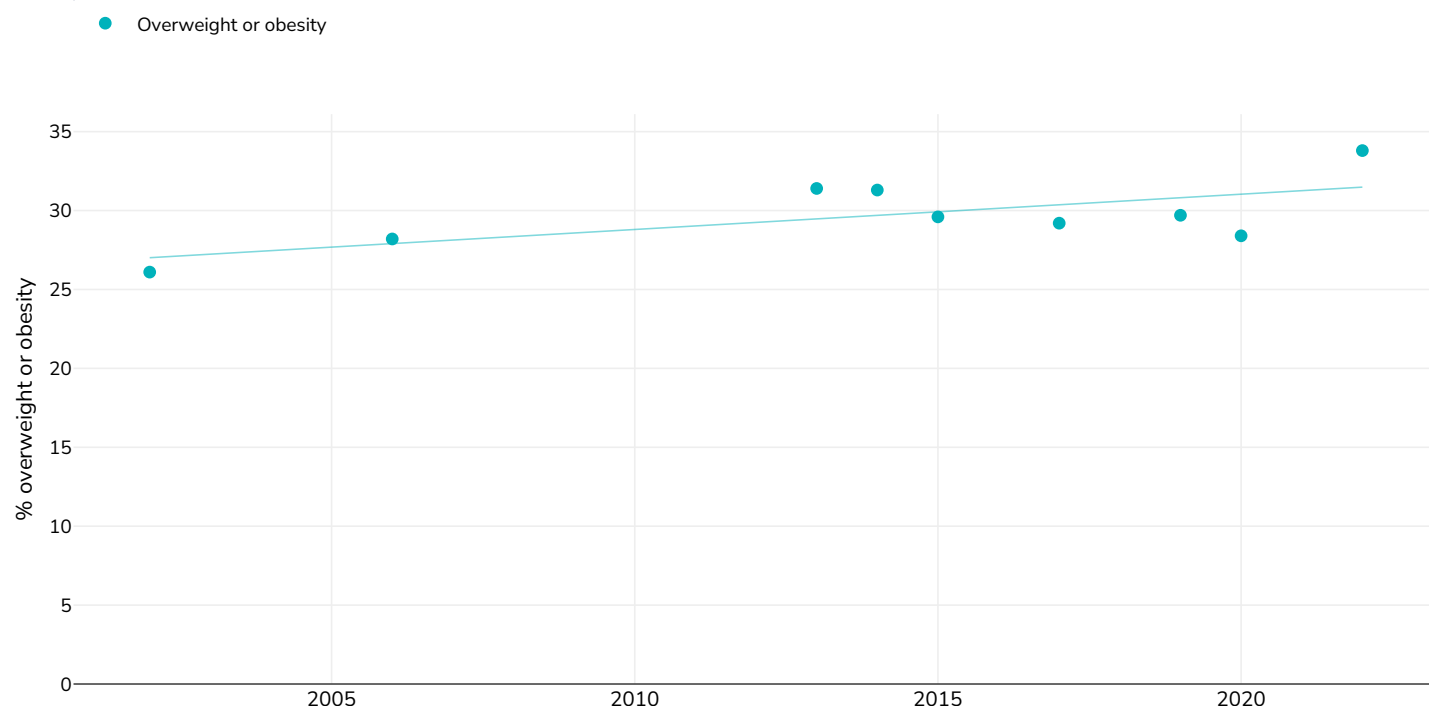
- 2002: Childrens Nutrition Survey 2002.
- 2006: National Health Survey New Zealand 2006/7 more information www.moh.govt.nz/moh.nsf/indexmh/portrait-of-health
- 2013: <http://www.health.govt.nz/publication/annual-update-key-results-2013-14-new-zealand-health-survey>
- 2014: New Zealand Health Survey 2014/2015. <https://www.health.govt.nz/publication/annual-update-key-results-2014-15-new-zealand-health-survey> (last accessed 16.12.2015)
- 2015: New Zealand Health Survey 2015-2016. Available at: <http://www.health.govt.nz/publication/annual-update-key-results-2015-16-new-zealand-health-survey> (Accessed 15 December 2016).
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- 2019: Annual Update New Zealand Health Survey 2019/20 available at <https://ministryofhealthnewzealand.cmail19.com/t/i-l-mjrkhil-yhhldiiiiid-r/> (last accessed 19.11.20)
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- 2022: Annual Update of Key Results 2022/23: New Zealand Health Survey. <https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey> (Accessed 18.12.23)

Definitions:

IOTF

Different methodologies may have been used to collect this data and so data from different surveys may not be strictly comparable. Please check with original data sources for methodologies used.

Boys



Survey type:

Measured

References:

- 2002: Childrens Nutrition Survey 2002.
- 2006: National Health Survey New Zealand 2006/7 more information www.moh.govt.nz/moh.nsf/indexmh/portrait-of-health
- 2013: <http://www.health.govt.nz/publication/annual-update-key-results-2013-14-new-zealand-health-survey>
- 2014: New Zealand Health Survey 2014/2015. <https://www.health.govt.nz/publication/annual-update-key-results-2014-15-new-zealand-health-survey> (last accessed 16.12.2015)
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- 2019: Annual Update New Zealand Health Survey 2019/20 available at <https://ministryofhealthnewzealand.cmail19.com/t/i-l-mjrkhil-yhhldiiid-r/> (last accessed 19.11.20)
- 2020: Annual Update of New Zealand Health Survey 2020/2021 available at <https://www.health.govt.nz/publication/annual-update-key-results-2020-21-new-zealand-health-survey> Accessed 08.11.21.
- 2022: Annual Update of Key Results 2022/23: New Zealand Health Survey. <https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey> (Accessed 18.12.23)

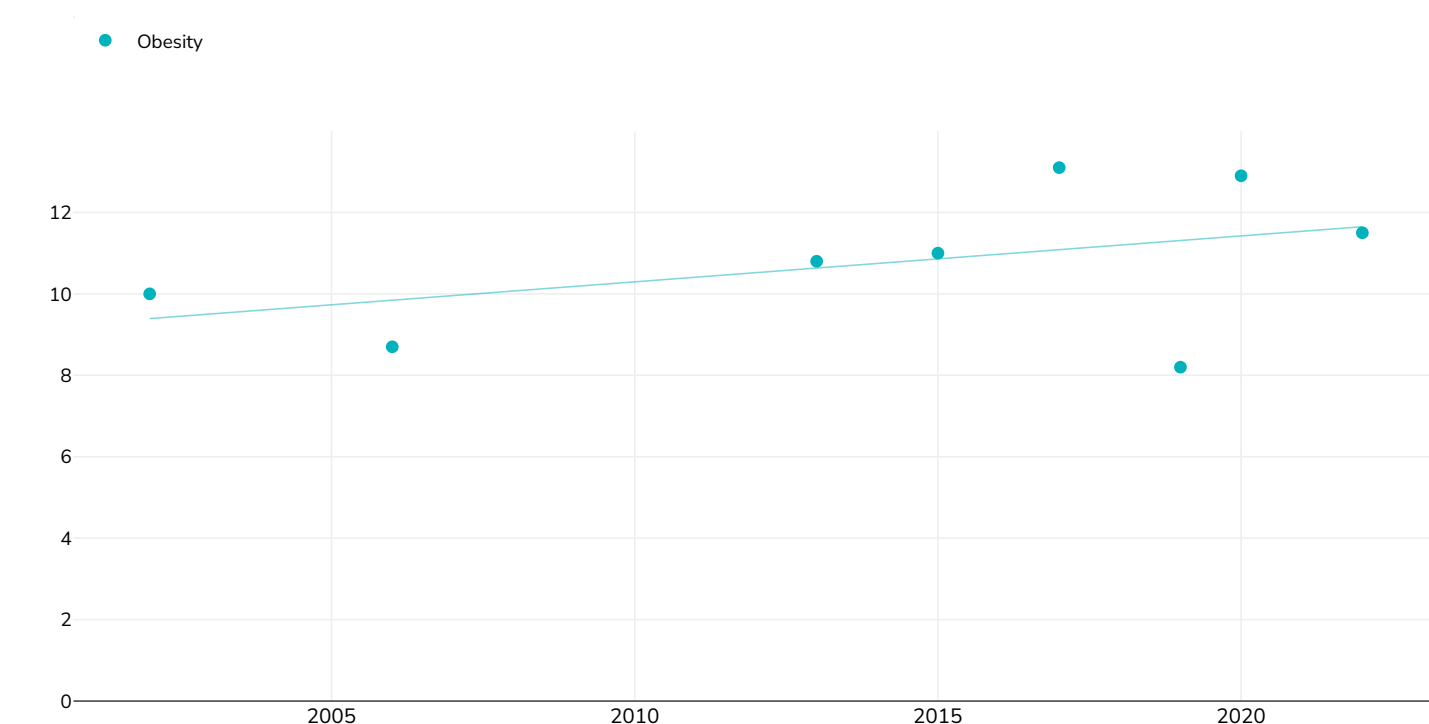
Definitions:

IOTF

Different methodologies may have been used to collect this data and so data from different surveys may not be strictly comparable. Please check with original data sources for methodologies used.

Children obesity 2002-2023

Girls



Survey type:

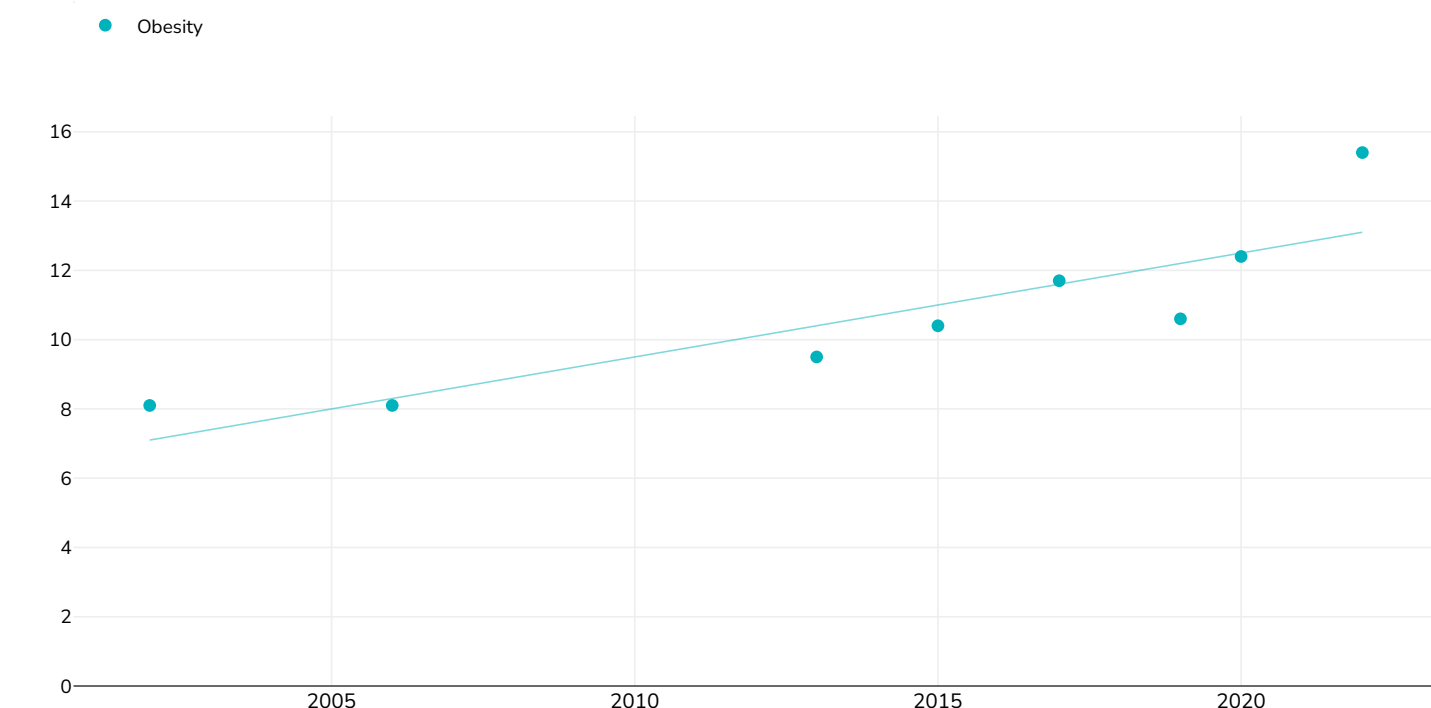
Measured

References:

- 2002: Childrens Nutrition Survey 2002.
 2006: National Health Survey New Zealand 2006/7 more information www.moh.govt.nz/moh.nsf/indexmh/portrait-of-health
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Boys



Survey type:

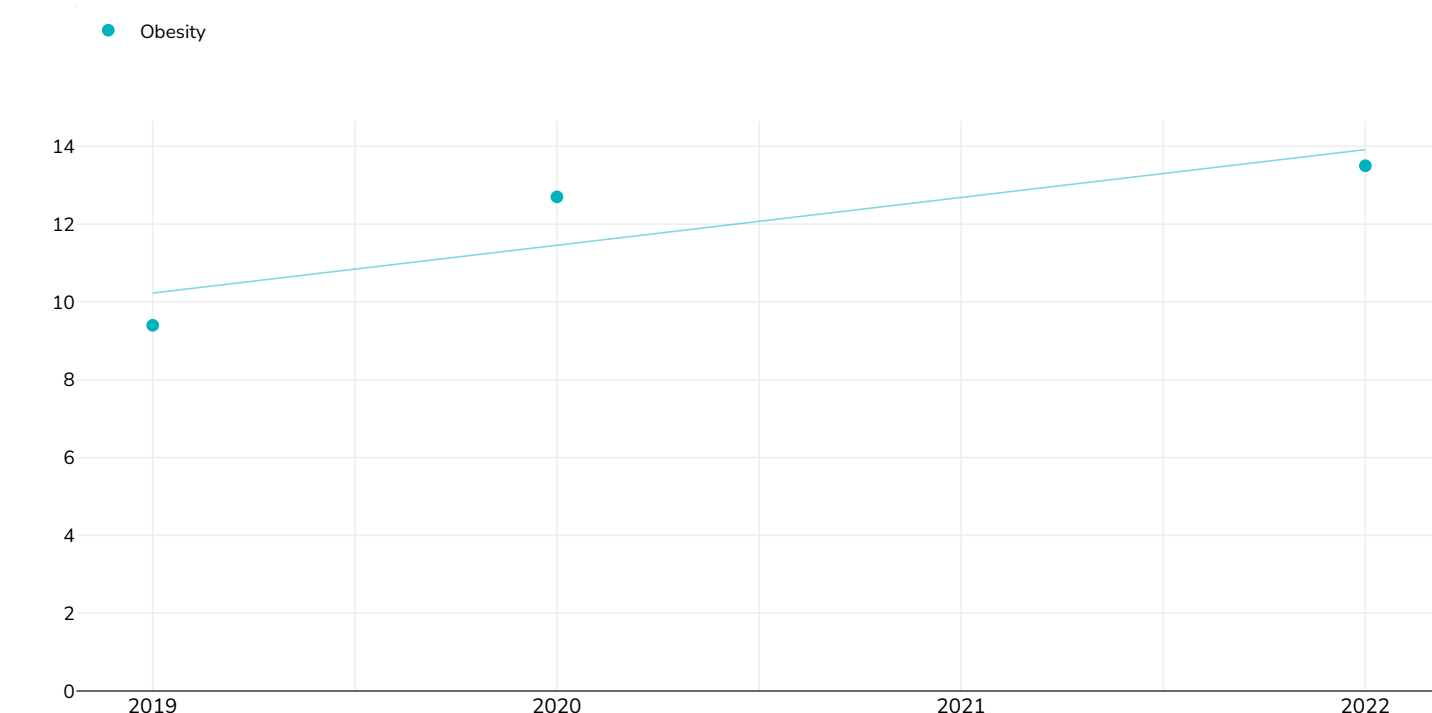
Measured

References:

- 2002: Childrens Nutrition Survey 2002.
 2006: National Health Survey New Zealand 2006/7 more information www.moh.govt.nz/moh.nsf/indexmh/portrait-of-health
 2013: <http://www.health.govt.nz/publication/annual-update-key-results-2013-14-new-zealand-health-survey>
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Different methodologies may have been used to collect this data and so data from different surveys may not be strictly comparable. Please check with original data sources for methodologies used.

Boys and girls



Survey type: Measured

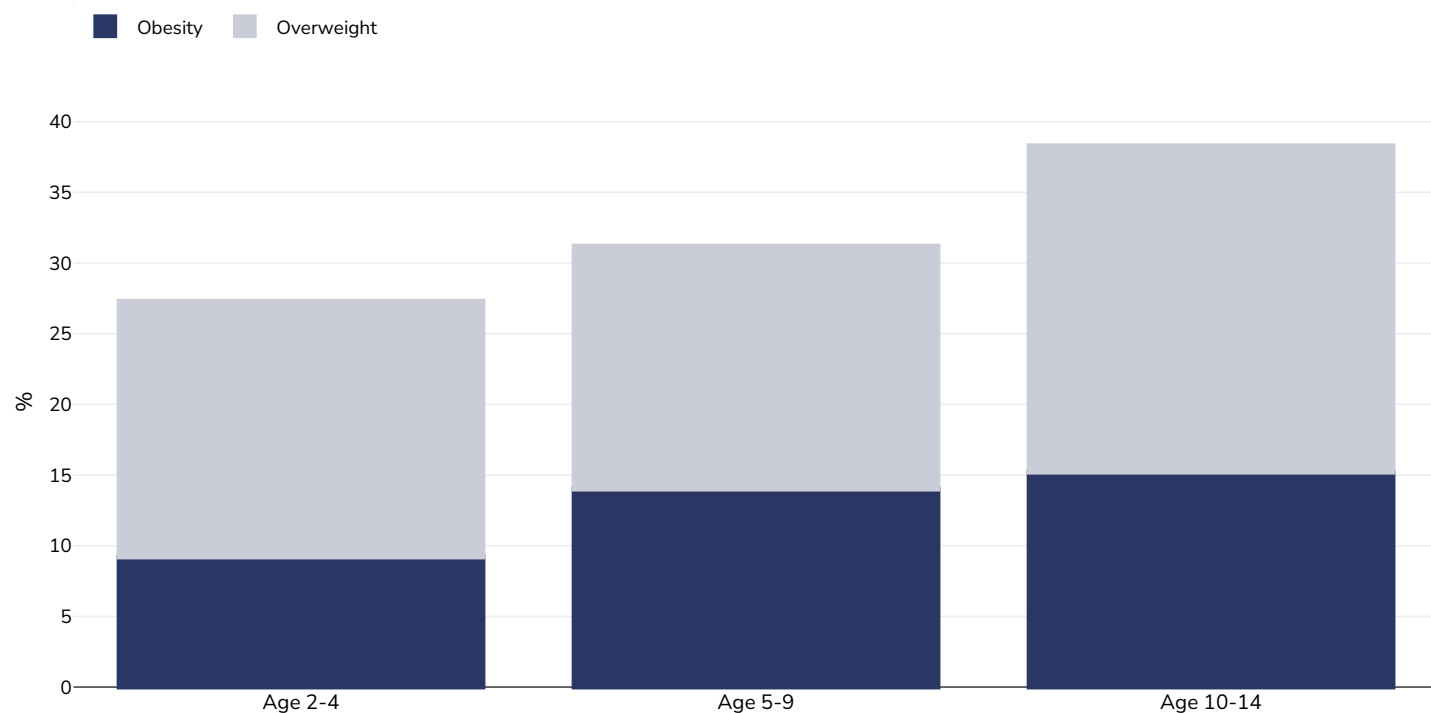
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2002: Childrens Nutrition Survey 2002.
 2006: National Health Survey New Zealand 2006/7 more information www.moh.govt.nz/moh.nsf/indexmh/portrait-of-health
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Different methodologies may have been used to collect this data and so data from different surveys may not be strictly comparable. Please check with original data sources for methodologies used.

Overweight/obesity by age

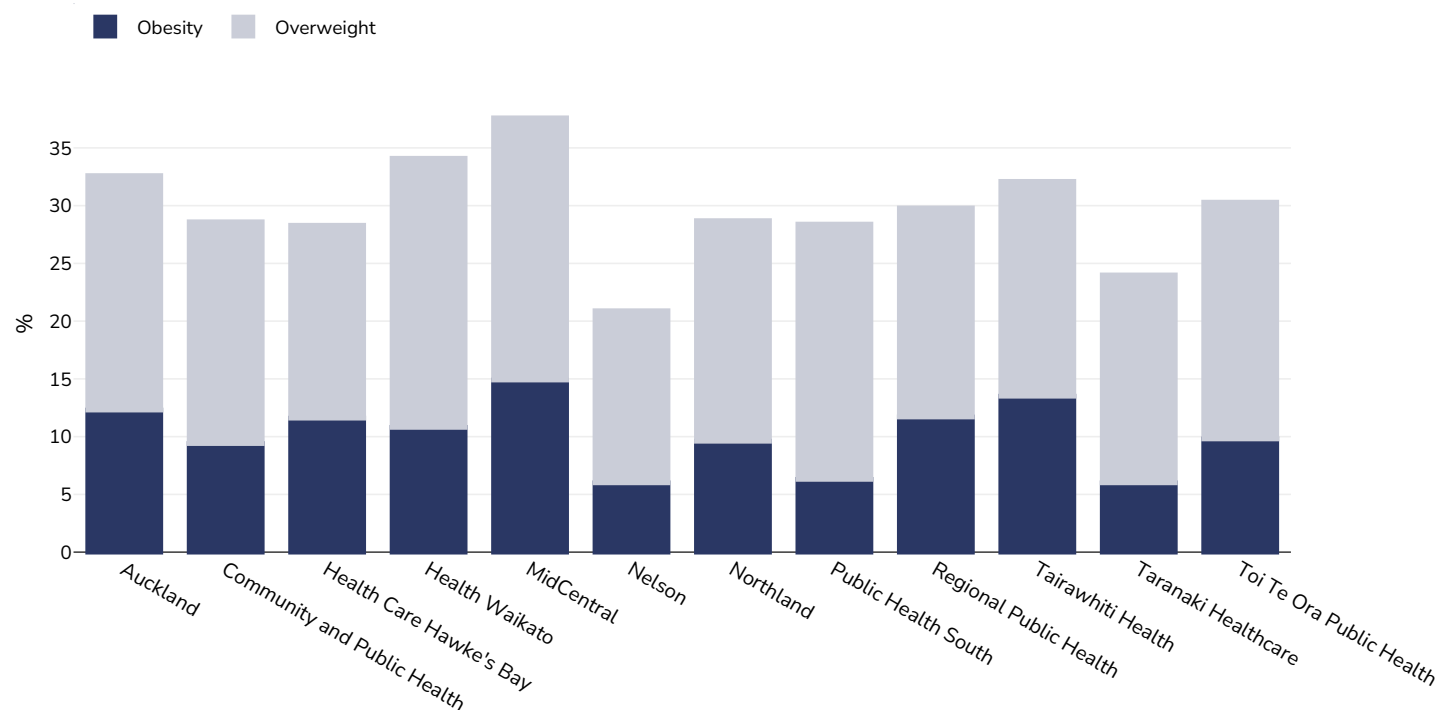
Children, 2022-2023



Survey type:	Measured
Sample size:	2029
Area covered:	National
References:	Annual Update of Key Results 2022/23: New Zealand Health Survey. https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey (Accessed 18.12.23)
Cutoffs:	IOTF

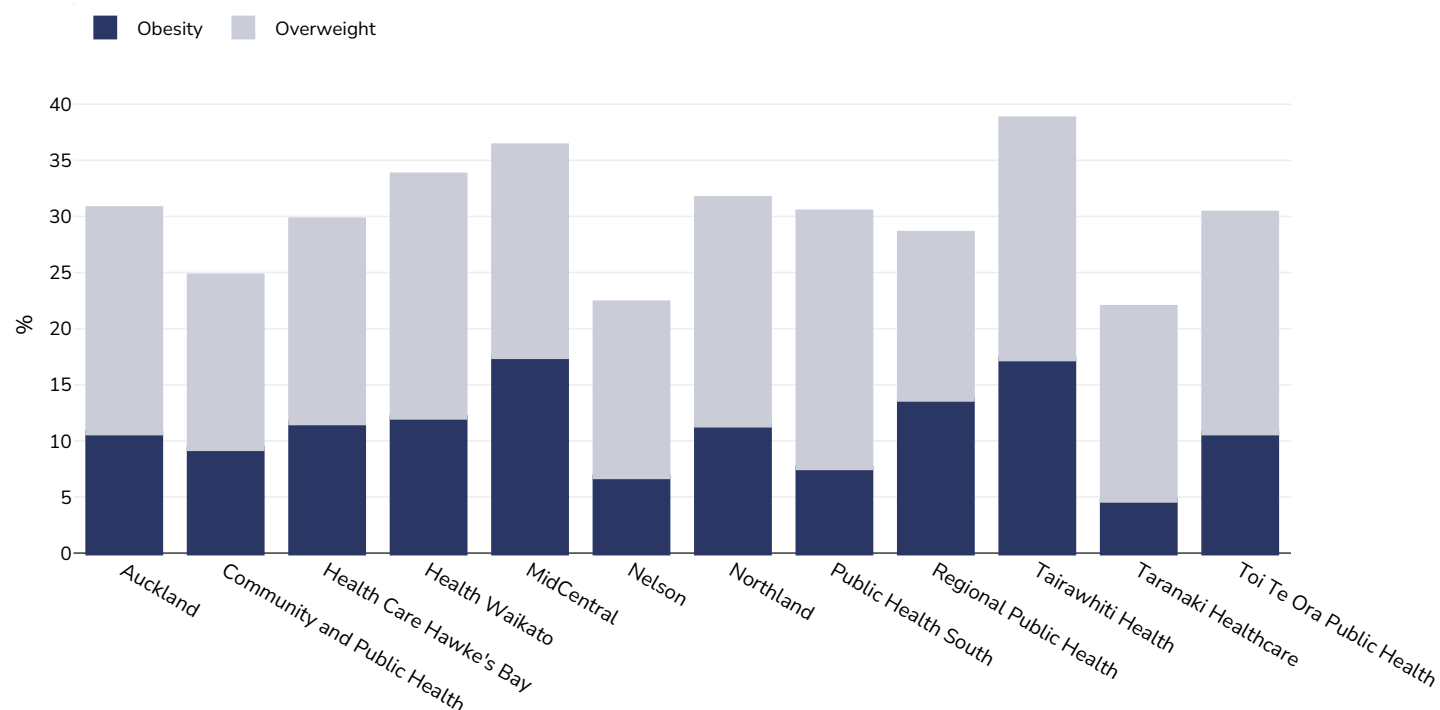
Overweight/obesity by region

Children, 2017-2020



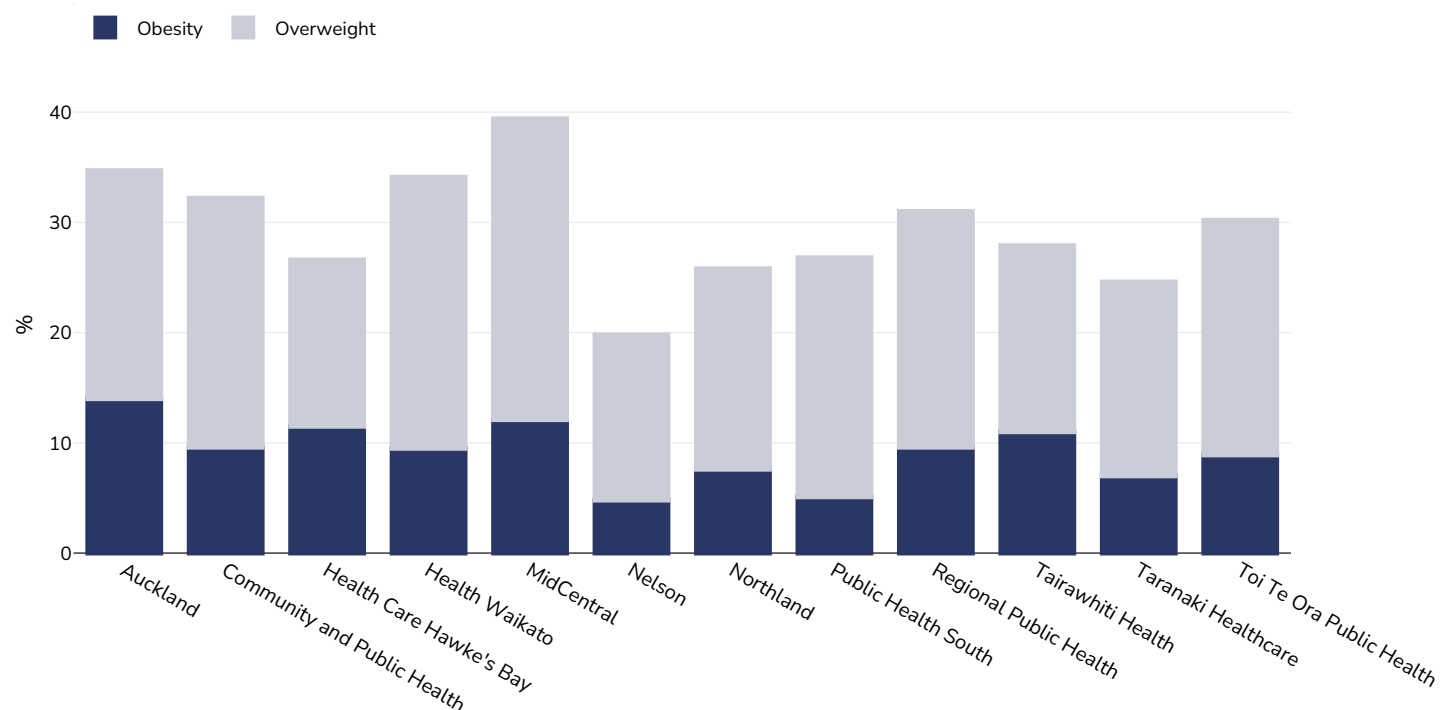
Survey type:	Measured
Age:	2-14
Sample size:	18530
Area covered:	National
References:	Ministry of Health. 2021. Regional Data Explorer 2017–2020: New Zealand Health Survey [Data File]. URL: https://minhealthnz.shinyapps.io/nz-health-survey-2017-2020-regional-update
Notes:	Some region names have been shortened, see survey for full names
Cutoffs:	IOTF

Boys, 2017-2020



Survey type:	Measured
Age:	2-14
Sample size:	18530
Area covered:	National
References:	Ministry of Health. 2021. Regional Data Explorer 2017–2020: New Zealand Health Survey [Data File]. URL: https://minhealthnz.shinyapps.io/nz-health-survey-2017-2020-regional-update
Notes:	Some region names have been shortened, see survey for full names
Cutoffs:	IOTF

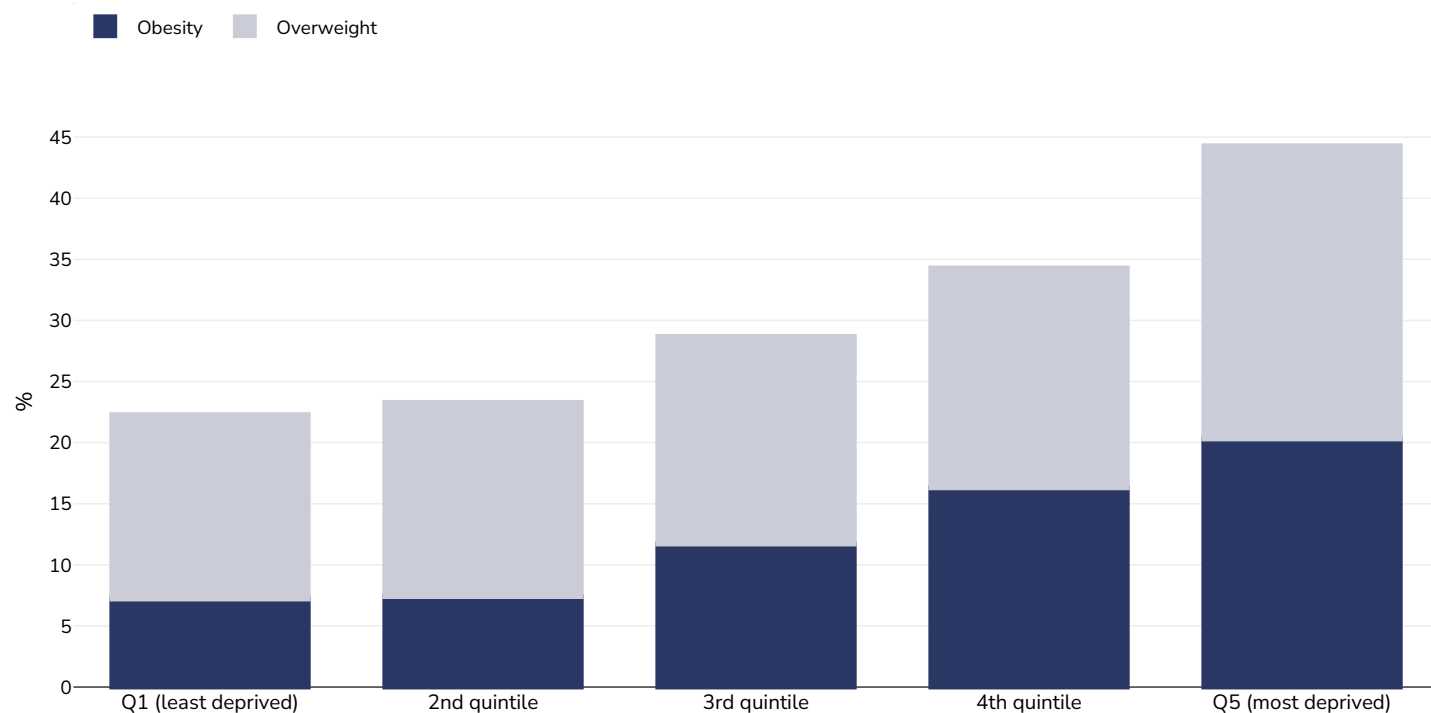
Girls, 2017-2020



Survey type:	Measured
Age:	2-14
Sample size:	18530
Area covered:	National
References:	Ministry of Health. 2021. Regional Data Explorer 2017–2020: New Zealand Health Survey [Data File]. URL: https://minhealthnz.shinyapps.io/nz-health-survey-2017-2020-regional-update
Notes:	Some region names have been shortened, see survey for full names
Cutoffs:	IOTF

Overweight/obesity by socio-economic group

Children, 2020-2021

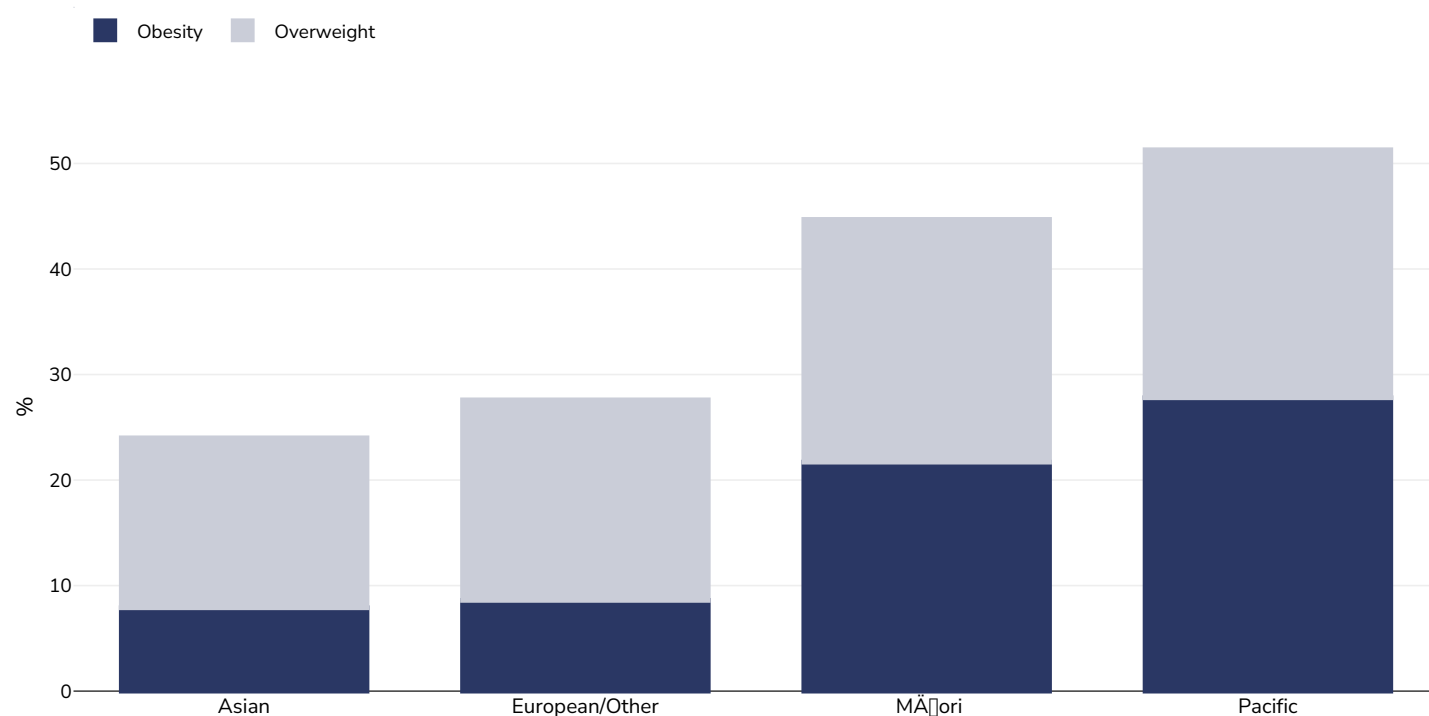


Survey type:	Measured
Age:	2-14
Sample size:	2954
Area covered:	National
References:	Annual Update of New Zealand Health Survey 2020/2021 available at https://www.health.govt.nz/publication/annual-update-key-results-2020-21-new-zealand-health-survey Accessed 08.11.21.
Cutoffs:	IOTF

Overweight/obesity by ethnicity

Ethnic groups are as defined by publication of origin and are not as defined by WOF. In some instances ethnicity is conflated with nationality and/or race.

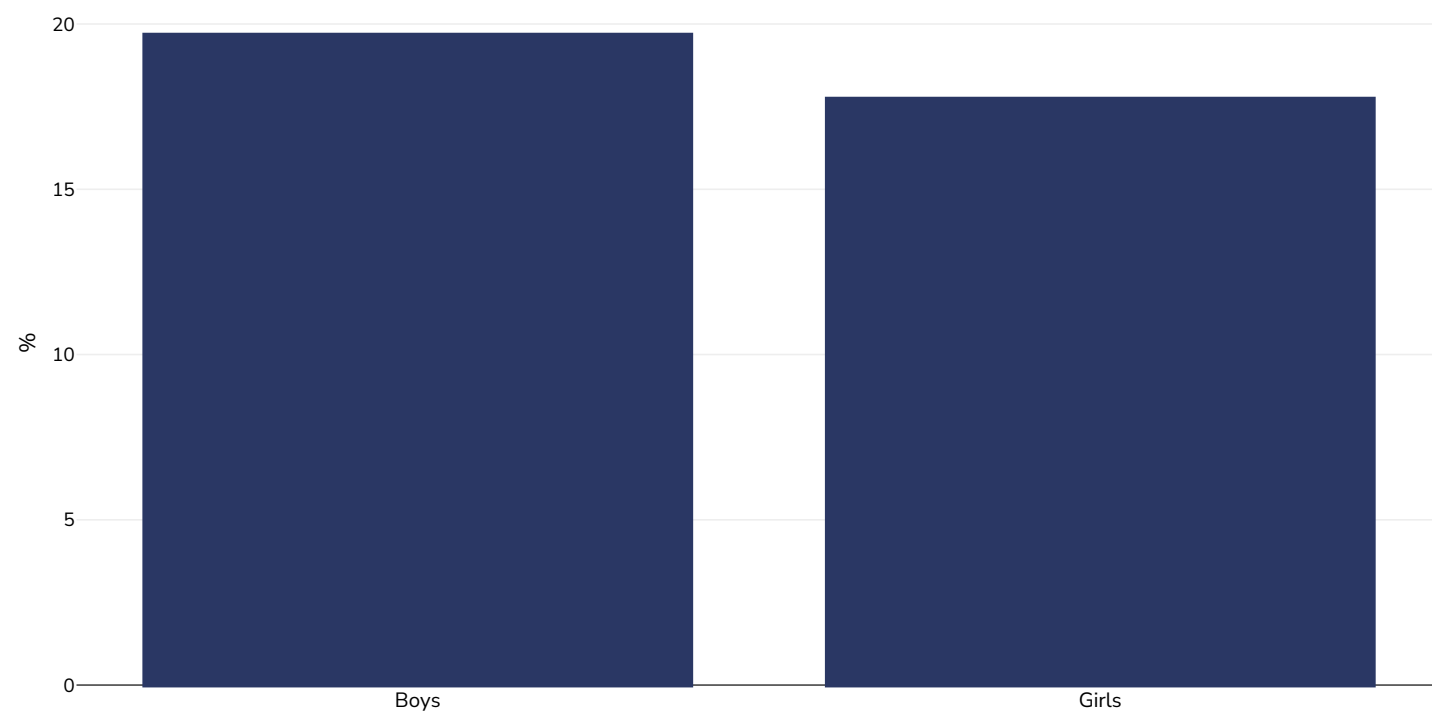
Children, 2022-2023



Survey type:	Measured
Age:	2-14
Sample size:	2029
Area covered:	National
References:	Annual Update of Key Results 2022/23: New Zealand Health Survey. https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey (Accessed 18.12.23)
Cutoffs:	IOTF

Double burden of underweight & overweight

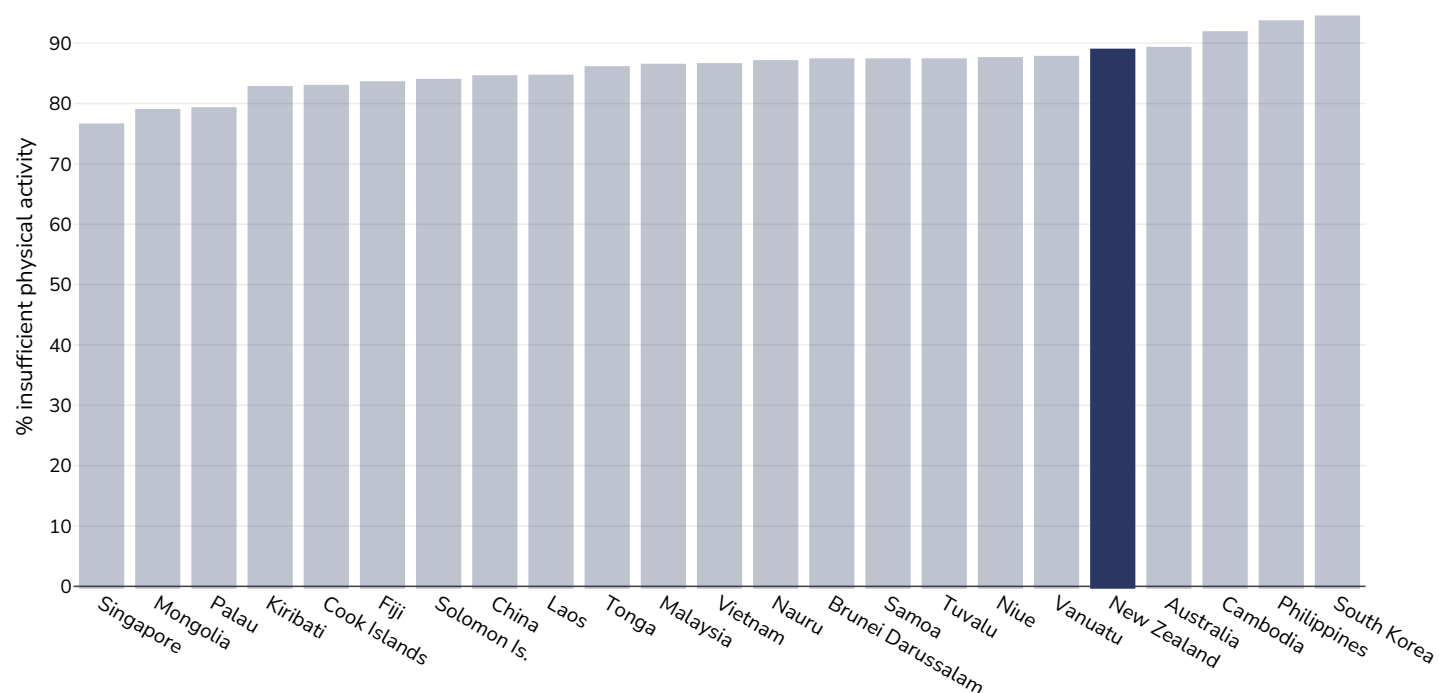
Children, 2022



Survey type:	Measured
Age:	5-19
References:	NCD Risk Factor Collaboration (NCD-RisC). Worldwide trends in underweight and obesity from 1990 to 2022: a pooled analysis of 3663 population representative studies with 222 million children, adolescents, and adults. Lancet 2024; published online Feb 29. https://doi.org/10.1016/S0140-6736(23)02750-2 .
Notes:	Age standardised estimates
Definitions:	Combined prevalence of BMI < -2SD and BMI > 2SD (double burden of thinness and obesity)
Cutoffs:	BMI < -2SD and BMI > 2SD

Insufficient physical activity

Children, 2016



Survey type: Self-reported

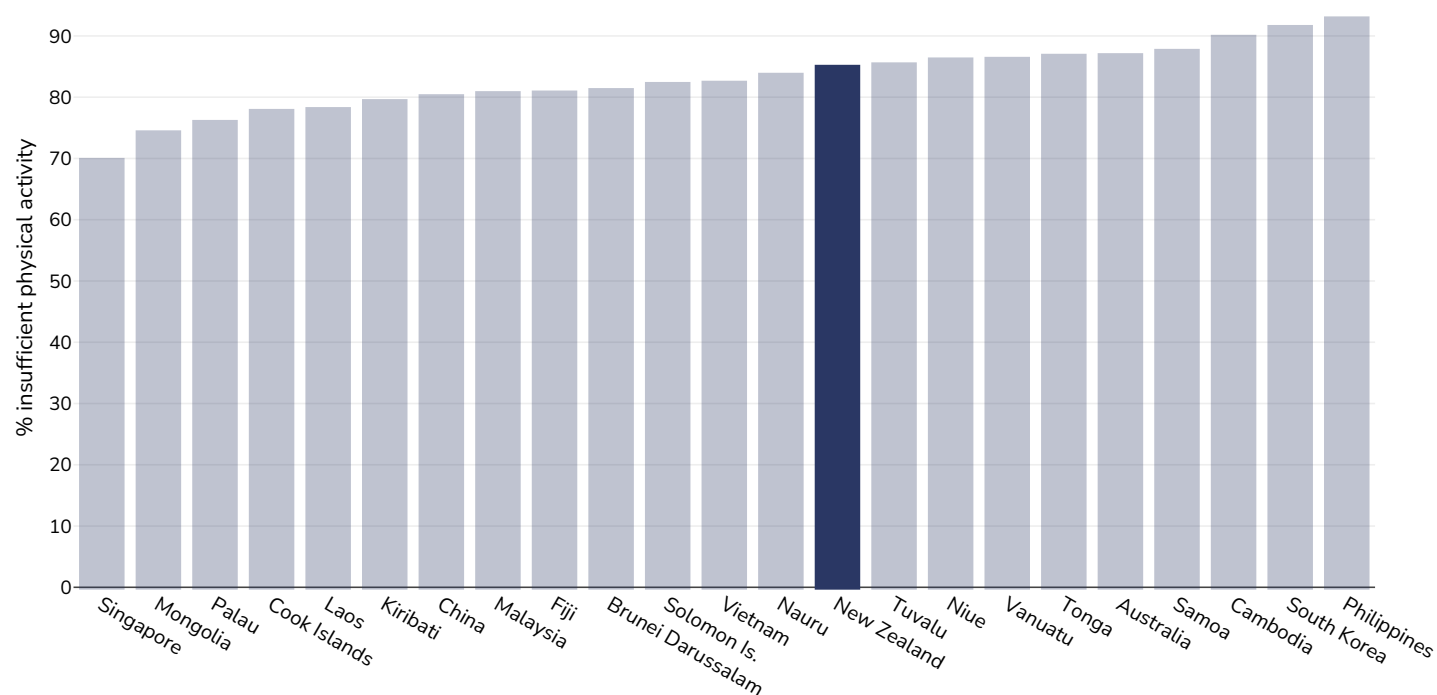
Age: 11-17

References: Global Health Observatory data repository, World Health Organisation, <https://apps.who.int/gho/data/node.main.A893ADO?lang=en> (last accessed 16.03.21)

Notes: % of school going adolescents not meeting WHO recommendations on Physical Activity for Health, i.e. doing less than 60 minutes of moderate- to vigorous-intensity physical activity daily.

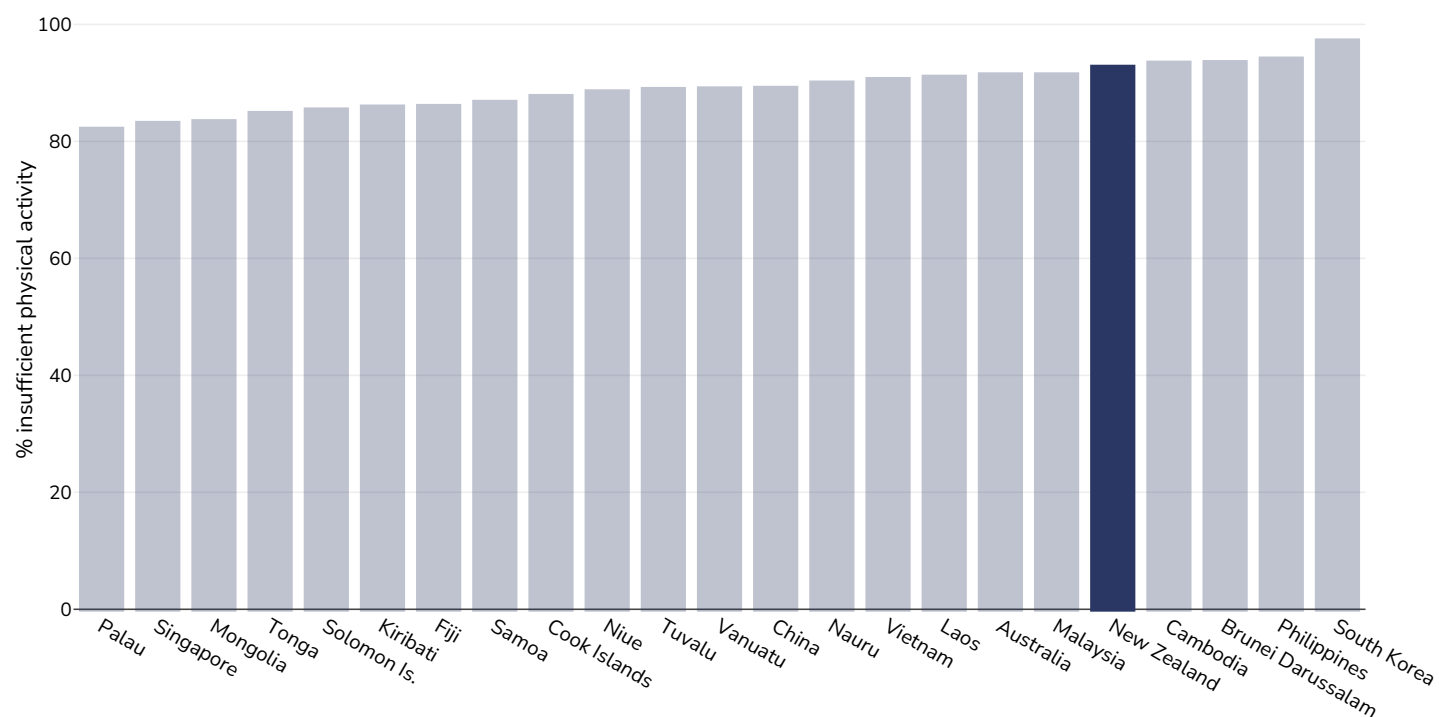
Definitions: % Adolescents insufficiently active (age standardised estimate)

Boys, 2016



Survey type:	Self-reported
Age:	11-17
References:	Global Health Observatory data repository, World Health Organisation, https://apps.who.int/gho/data/node.main.A893ADO?lang=en (last accessed 16.03.21)
Notes:	% of school going adolescents not meeting WHO recommendations on Physical Activity for Health, i.e. doing less than 60 minutes of moderate- to vigorous-intensity physical activity daily.
Definitions:	% Adolescents insufficiently active (age standardised estimate)

Girls, 2016



Survey type: Self-reported

Age: 11-17

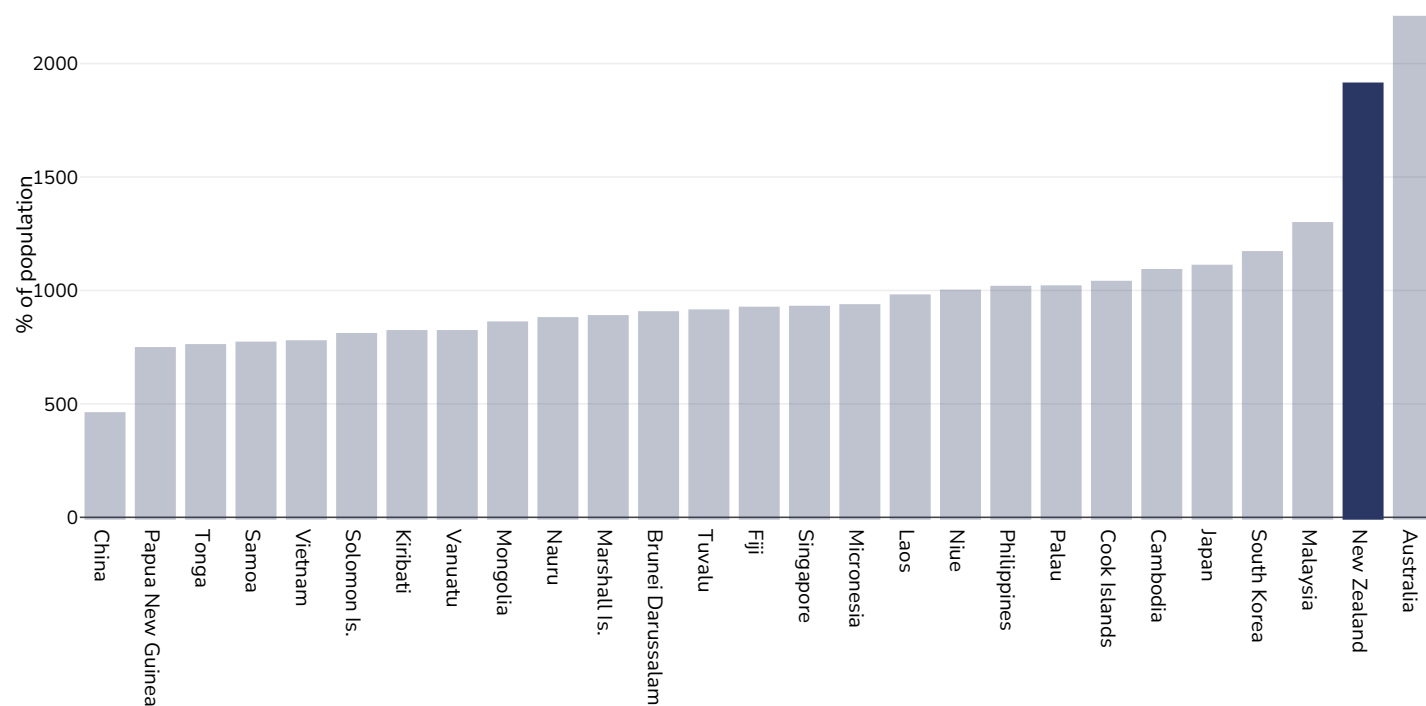
References: Global Health Observatory data repository, World Health Organisation, <https://apps.who.int/gho/data/node.main.A893ADO?lang=en> (last accessed 16.03.21)

Notes: % of school going adolescents not meeting WHO recommendations on Physical Activity for Health, i.e. doing less than 60 minutes of moderate- to vigorous-intensity physical activity daily.

Definitions: % Adolescents insufficiently active (age standardised estimate)

Mental health - depression disorders

Children, 2021



Area covered:

National

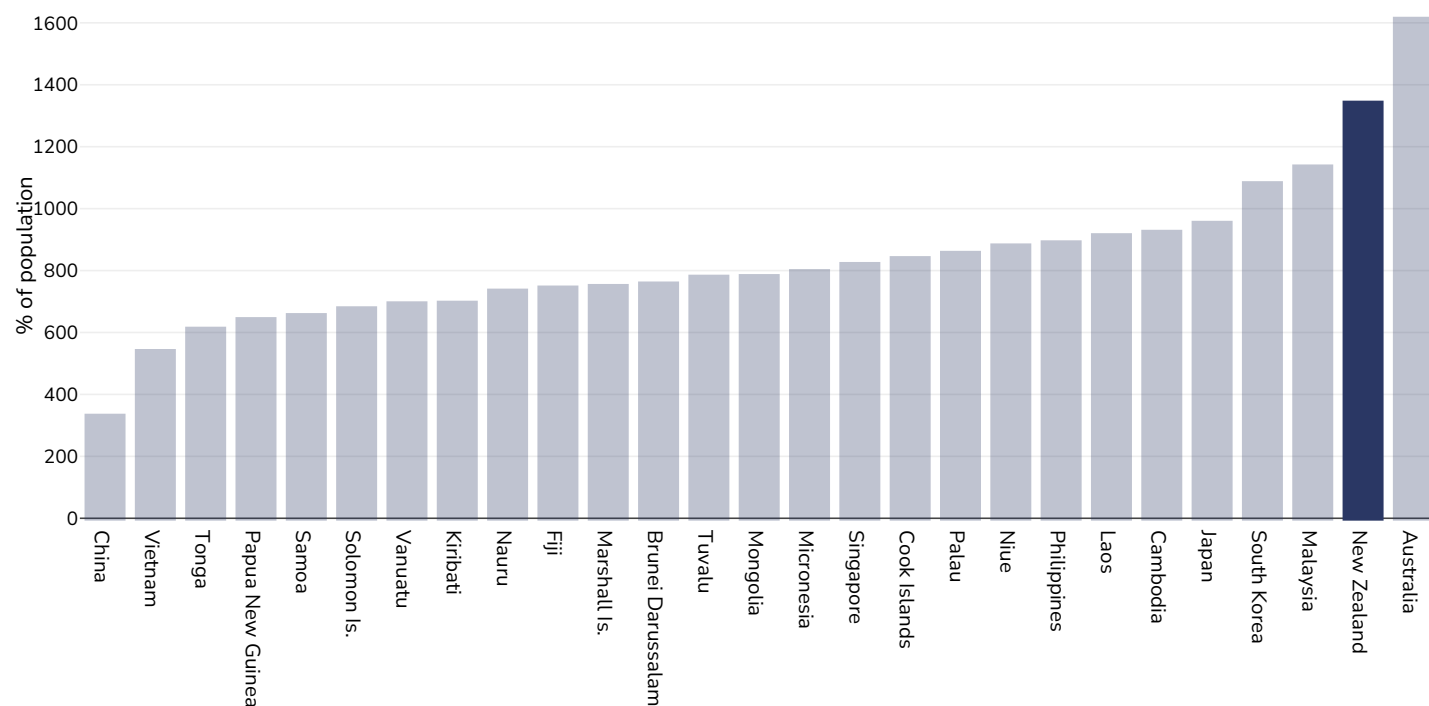
References:

Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021. Seattle, WA: IHME, University of Washington, 2023. Available from <http://vizhub.healthdata.org/gbd-compare>. (Last accessed 23.04.25)

Definitions:

Number living with depressive disorder per 100,000 population (Under 20 years of age)

Boys, 2021



Area covered:

National

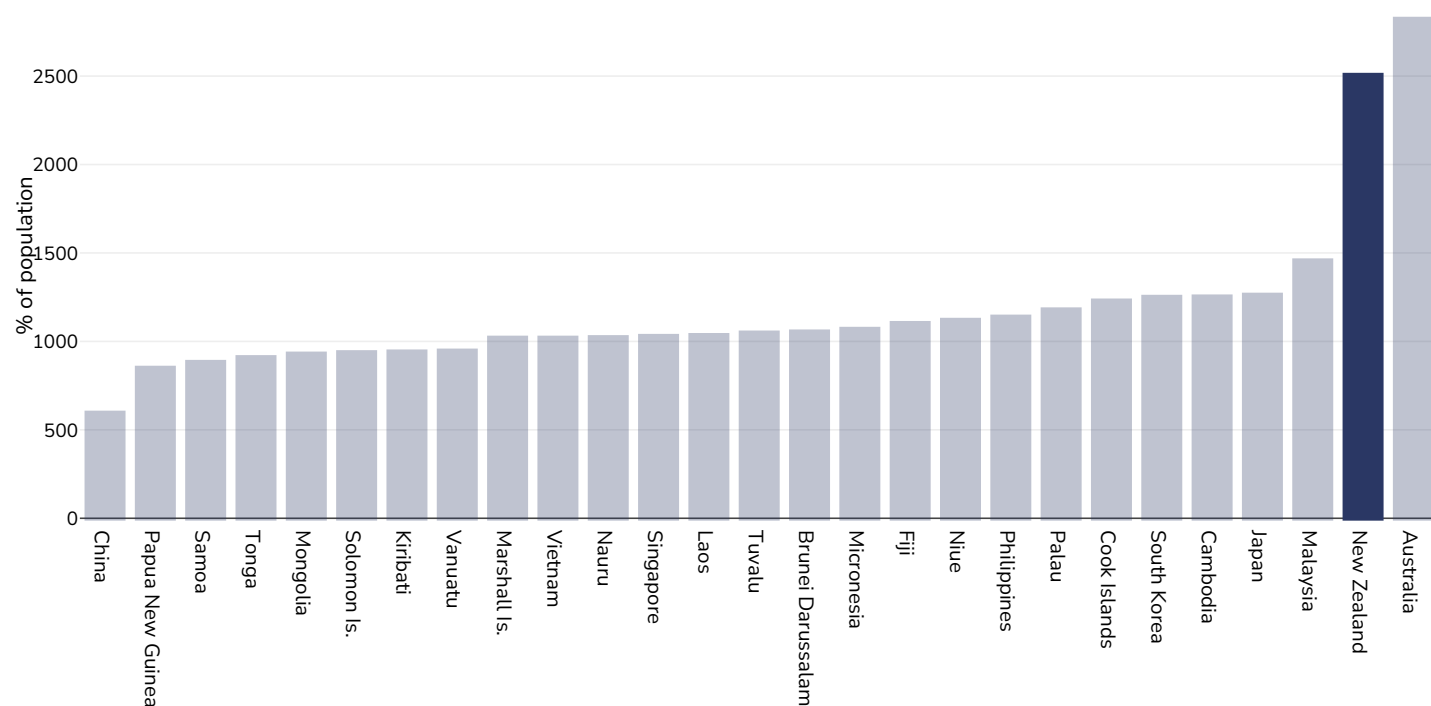
References:

Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021. Seattle, WA: IHME, University of Washington, 2023. Available from <http://vizhub.healthdata.org/gbd-compare>. (Last accessed 23.04.25)

Definitions:

Number living with depressive disorder per 100,000 population (Under 20 years of age)

Girls, 2021



Area covered:

National

References:

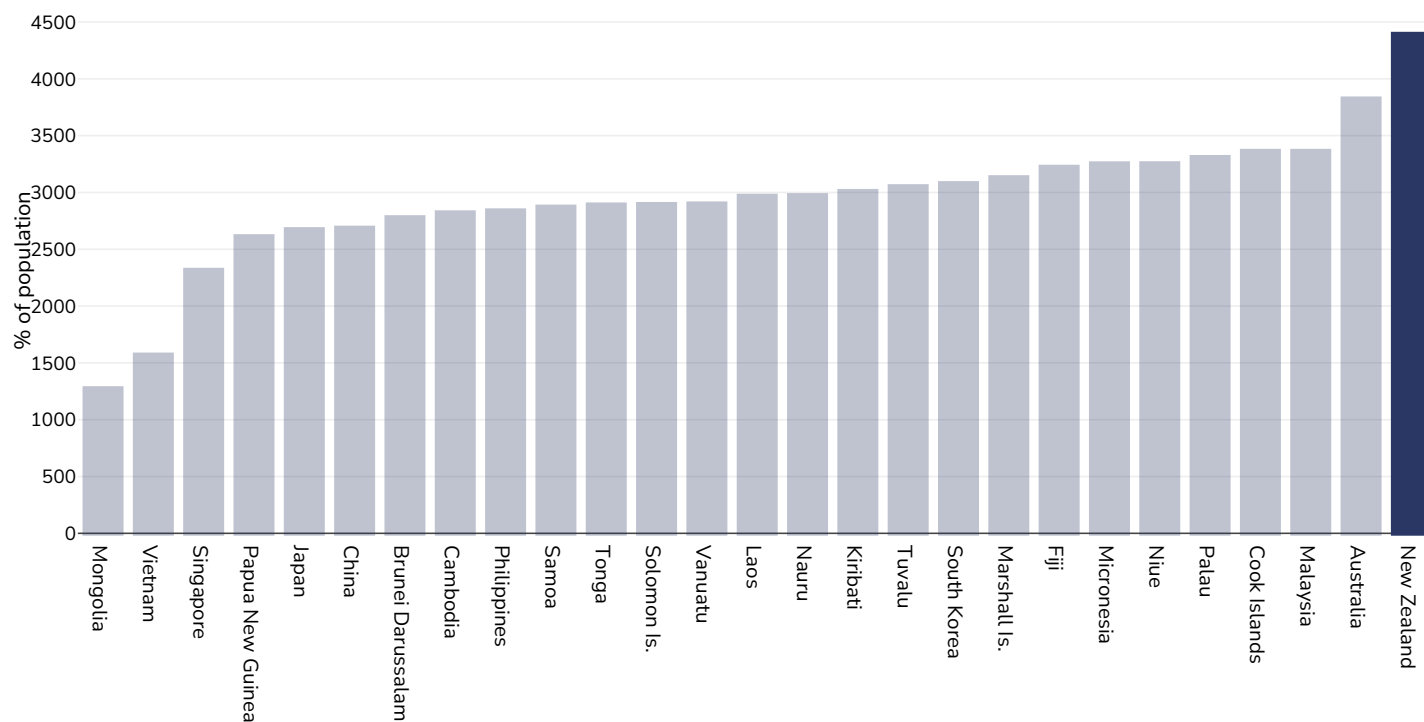
Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021. Seattle, WA: IHME, University of Washington, 2023. Available from <http://vizhub.healthdata.org/gbd-compare>. (Last accessed 23.04.25)

Definitions:

Number living with depressive disorder per 100,000 population (Under 20 years of age)

Mental health - anxiety disorders

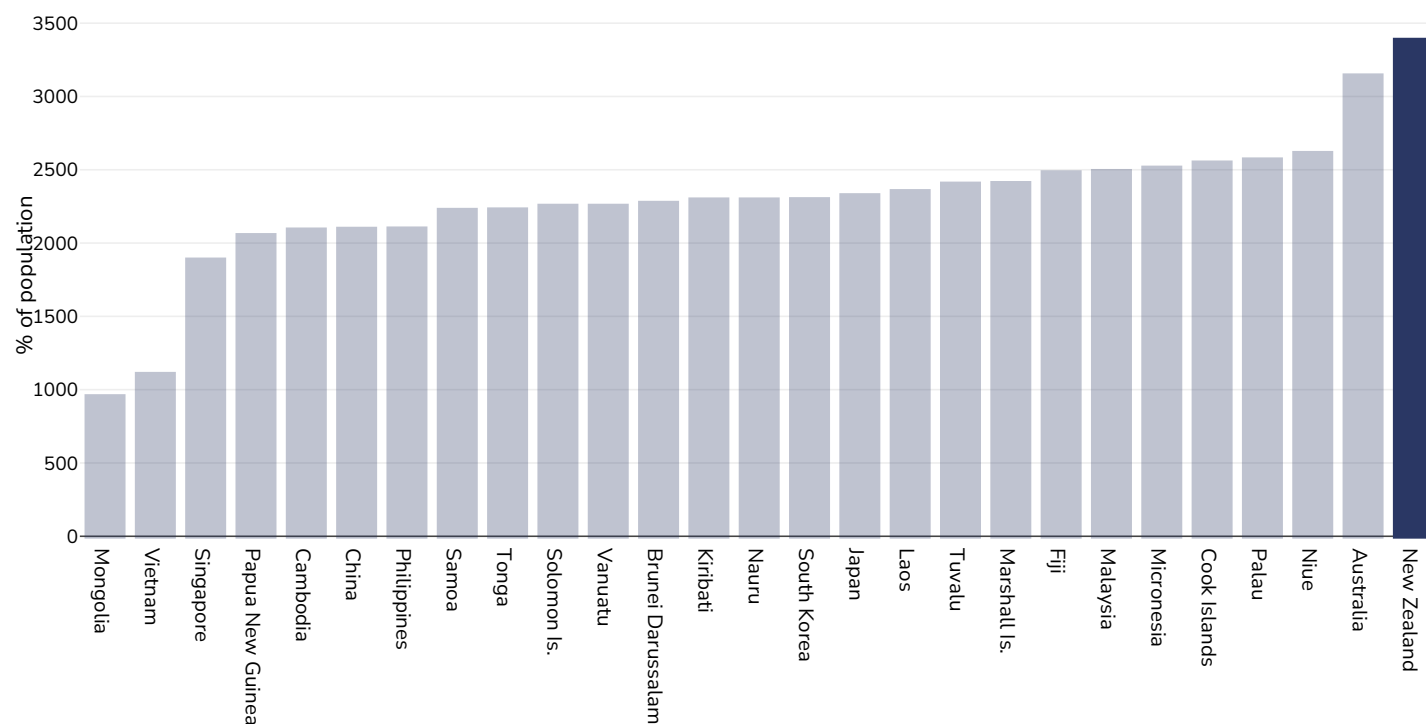
Children, 2021



References:

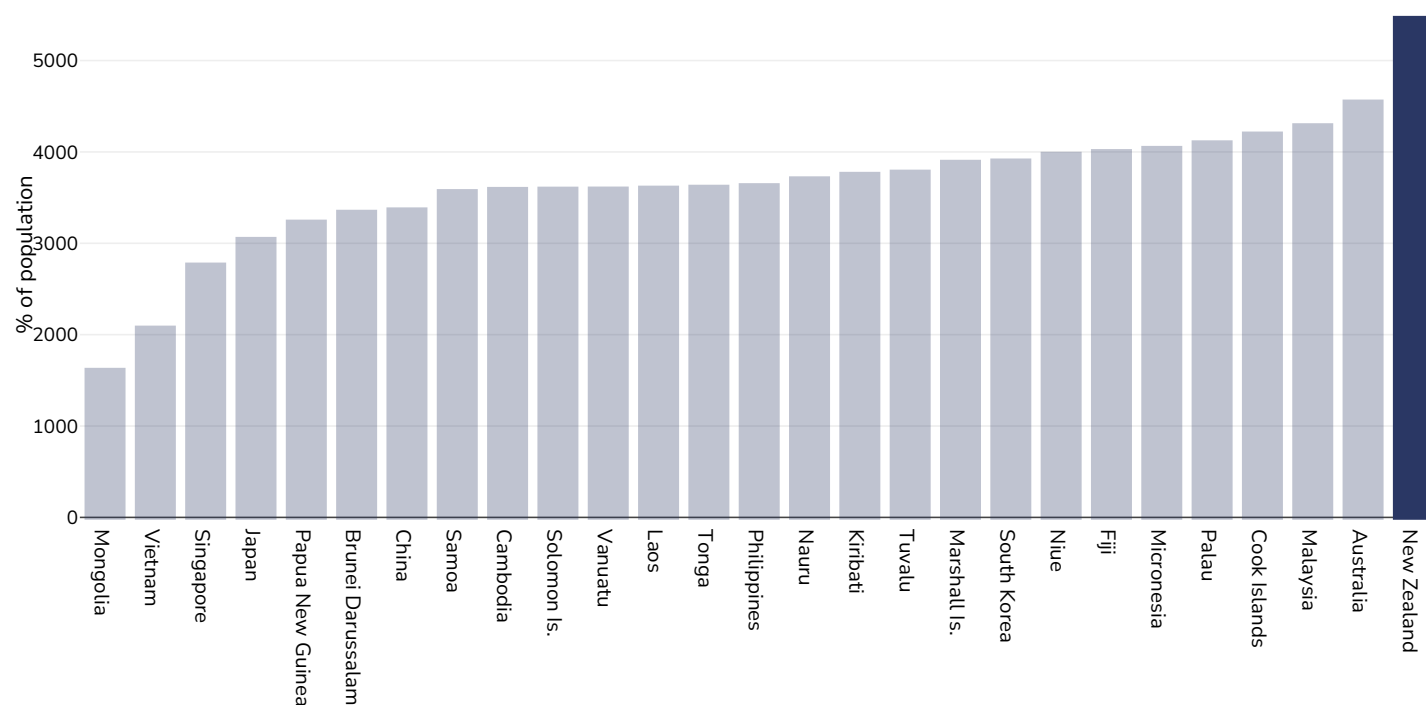
Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021. Seattle, WA: IHME, University of Washington, 2023. Available from <http://vizhub.healthdata.org/gbd-compare>. (Last accessed 23.04.25)

Boys, 2021



References: Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021. Seattle, WA: IHME, University of Washington, 2023. Available from <http://vizhub.healthdata.org/gbd-compare>. (Last accessed 23.04.25)

Girls, 2021



References: Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021. Seattle, WA: IHME, University of Washington, 2023. Available from <http://vizhub.healthdata.org/gbd-compare>. (Last accessed 23.04.25)

PDF created on July 14, 2025