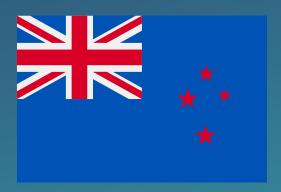


# New Zealand



Country report card - adults

This report card contains the latest data available on the Global Obesity Observatory on overweight and obesity for adults. 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 <a href="https://data.worldobesity.org/country/new-zealand-155/">https://data.worldobesity.org/country/new-zealand-155/</a>.



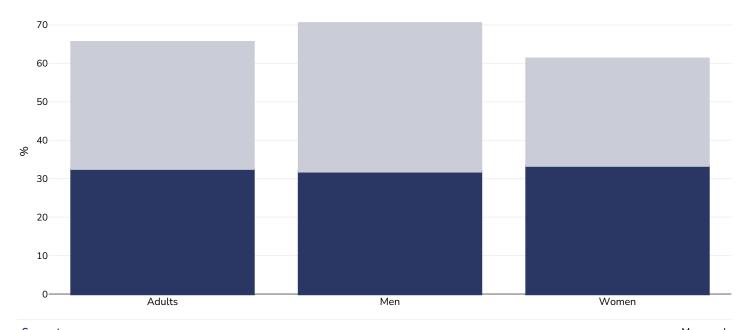
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# **Obesity prevalence**

## Adults, 2022-2023

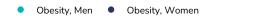


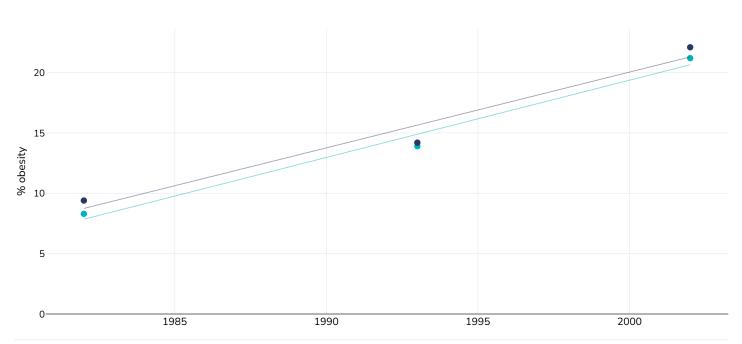


Survey type:	Measured
Age:	15+
Sample size:	6799
Area covered:	National
References:	Annual Update of Key Results 2022/23: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey</a> (Accessed 18.12.23)
Definitions:	Overweight/Obesity based on standard WHO adult cut-offs except for 15-17 year olds where IOTF International cutoffs are used
	Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



# % Adults living with obesity in New Zealand 1982-2002





Survey type: Measured

References:

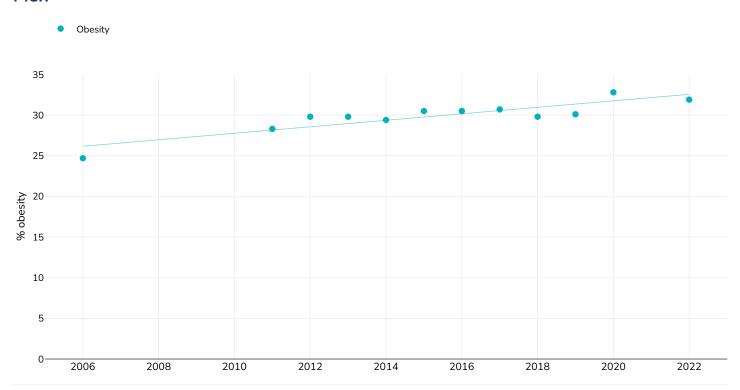
Metcalf P, Scragg R, Schaaf D, Dyall L, Black P, Jackson R. Trends in major cardiovascular risk factors in Auckland, New Zealand: 1982 to 2002-2003. The New Zealand Medical Journal 2006;119

 $Unless \ otherwise \ noted, overweight \ refers \ to \ a \ BMI \ between \ 25kg \ and \ 29.9kg/m^2, obesity \ refers \ to \ a \ BMI \ greater \ than \ 30kg/m^2.$ 



## % Adults living with obesity in New Zealand 2006-2023

#### Men



Survey type: Measured

References:

2006: Gerritsen S, Stefanogiannis N, Galloway Y, Devlin M, Templaton R and Yeh L. A portrait of health: key results of the 2006/07 New Zealand Health Survey.

2011, 2012: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey</a> (last accessed 14.07.20)

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2019: Annual Update of New Zealand Health Survey 2019/20 available at <a href="https://ministryofhealthnewzealand.cmail19.com/t/i-l-mjrkhil-yhhldiiiid-r/">https://ministryofhealthnewzealand.cmail19.com/t/i-l-mjrkhil-yhhldiiiid-r/</a> (last accessed 19.11.20)

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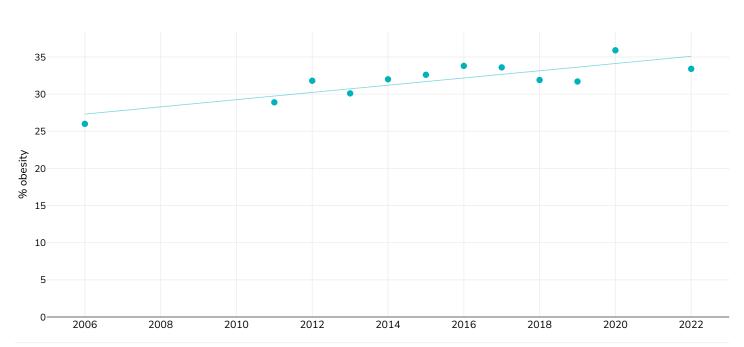
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Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



#### Women





Survey type: Measured

References:

2006: Gerritsen S, Stefanogiannis N, Galloway Y, Devlin M, Templaton R and Yeh L. A portrait of health: key results of the 2006/07 New Zealand Health Survey.

2011, 2012: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey</a> (last accessed 14.07.20)

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2018: New Zealand Health Survey 2018-19. New Zealand Ministry of Health (<a href="https://minhealthnz.shinyapps.io/nz-health-survey-2018-19-annual-data-explorer/\_w\_b396d161/#!/key-indicators accessed 14.11.19">https://minhealthnz.shinyapps.io/nz-health-survey-2018-19-annual-data-explorer/\_w\_b396d161/#!/key-indicators accessed 14.11.19</a>)

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 $2020: Annual\ Update\ of\ New\ Zealand\ Health\ Survey\ 2020/2021\ available\ at\ \underline{https://www.health.govt.nz/publication/annual-update-publicati$ 

key-results-2020-21-new-zealand-health-survey Accessed 08.11.21.

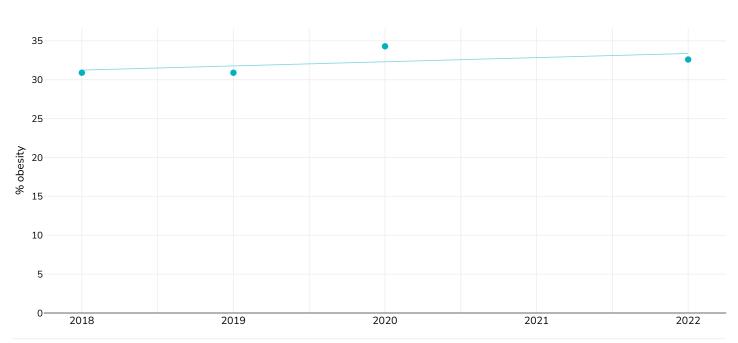
2022: Annual Update of Key Results 2022/23: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey</a> (Accessed 18.12.23)

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#### Men and women





Survey type: Measured

References:

2006: Gerritsen S, Stefanogiannis N, Galloway Y, Devlin M, Templaton R and Yeh L. A portrait of health: key results of the 2006/07 New Zealand Health Survey.

2011, 2012: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey</a> (last accessed 14.07.20)

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2014: New Zealand Health Survey 2014/15. <a href="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: <a href="http://www.health.govt.nz/publication/annual-update-key-results-2015-2016">http://www.health.govt.nz/publication/annual-update-key-results-2015-2016</a>. Available at: <a href="http://www.health.govt.nz/publication/annual-update-key-results-2015-2016">http://www.health.govt.nz/publication/annual-update-key-results-2015-2016</a>.

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yhhldiiiid-r/ (last accessed 19.11.20)
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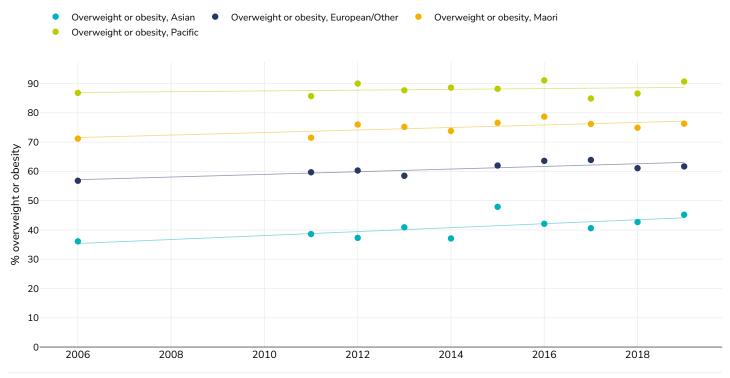
2022: Annual Update of Key Results 2022/23: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey</a> (Accessed 18.12.23)

Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



# % Adults living with overweight and obesity by ethnicity in New Zealand 2006-2023

#### Women



Survey type: Measured

References:

2006, 2011, 2012, 2013, 2015, 2016, 2017, 2018: New Zealand Health Survey. https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey (last accessed 14.07.20)

2014: New Zealand Health Survey 2014-2015. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2014-15-new-publication/annua

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2019: Annual Update of New Zealand Health Survey 2019/20 available at <a href="https://ministryofhealthnewzealand.cmail19.com/t/i-l-mjrkhil-yhhldiiiid-r/">https://ministryofhealthnewzealand.cmail19.com/t/i-l-mjrkhil-yhhldiiiid-r/</a> (last accessed 19.11.20)

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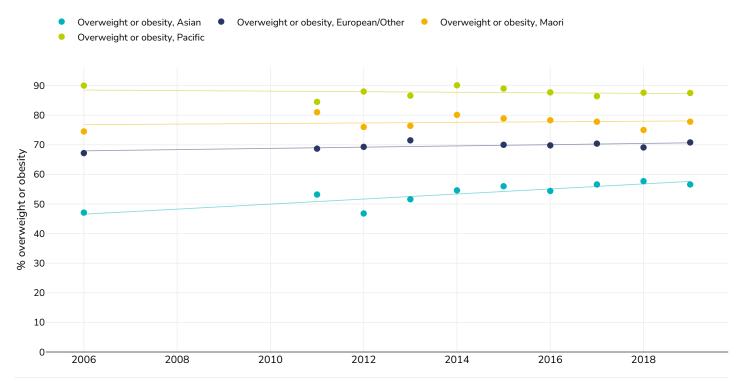
key-results-2020-21-new-zealand-health-survey. Accessed 08.11.21. 2022: Annual Update of Key Results 2022/23: New Zealand Health Survey. https://www.health.govt.nz/publication/annual-update-key-

results-2022-23-new-zealand-health-survey (Accessed 18.12.23)

Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



#### Men



Survey type: Measured

References:

2006, 2011, 2012, 2013, 2015, 2016, 2017, 2018: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey</a> (last accessed 14.07.20)

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<u>yhhldiiiid-r/</u> (last accessed 19.11.20) 2020: Annual Update of New Zealand Health Survey 2020/2021 available at <a href="https://www.health.govt.nz/publication/annual-update-">https://www.health.govt.nz/publication/annual-update-</a>

key-results-2020-21-new-zealand-health-survey. Accessed 08.11.21.

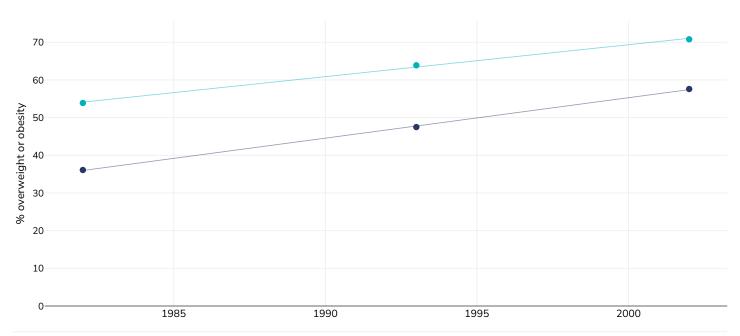
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Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



# % Adults living with overweight or obesity in New Zealand 1982-2002

Overweight or obesity, Men
 Overweight or obesity, Women



Survey type: Measured

References:

Metcalf P, Scragg R, Schaaf D, Dyall L, Black P, Jackson R. Trends in major cardiovascular risk factors in Auckland, New Zealand: 1982 to 2002-2003. The New Zealand Medical Journal 2006;119

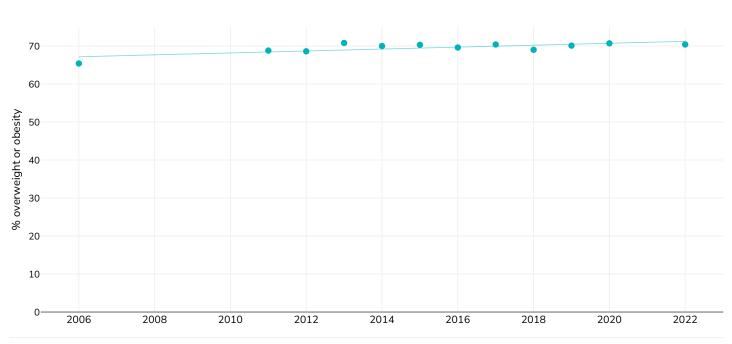
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### % Adults living with overweight or obesity in New Zealand 2006-2023

#### Men

Overweight or obesity



Survey type: Measured

References:

2006: Gerritsen S, Stefanogiannis N, Galloway Y, Devlin M, Templaton R and Yeh L. A portrait of health: key results of the 2006/07 New Zealand Health Survey.

2011, 2012: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey</a> (last accessed 14.07.20)

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<u>key-results-2020-21-new-zealand-health-survey</u> Accessed 08.11.21.

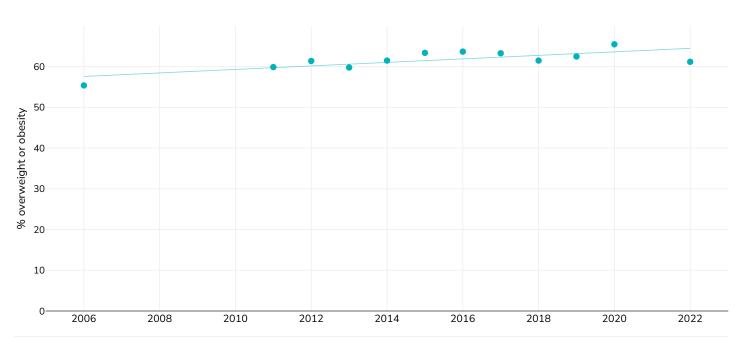
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#### Women

Overweight or obesity



Survey type: Measured

References:

2006: Gerritsen S, Stefanogiannis N, Galloway Y, Devlin M, Templaton R and Yeh L. A portrait of health: key results of the 2006/07 New Zealand Health Survey.

2011, 2012: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey</a> (last accessed 14.07.20)

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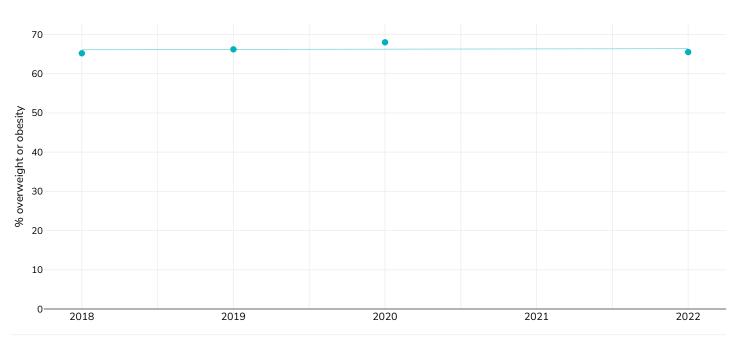
2022: Annual Update of Key Results 2022/23: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey</a> (Accessed 18.12.23)

 $Unless \ otherwise \ noted, overweight \ refers \ to \ a \ BMI \ between \ 25kg \ and \ 29.9kg/m^2, \ obesity \ refers \ to \ a \ BMI \ greater \ than \ 30kg/m^2.$ 



#### Men and women

Overweight or obesity



Survey type: Measured

References:

2006: Gerritsen S, Stefanogiannis N, Galloway Y, Devlin M, Templaton R and Yeh L. A portrait of health: key results of the 2006/07 New Zealand Health Survey.

2011, 2012: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey</a> (last accessed 14.07.20)

2013: <a href="http://www.health.govt.nz/publication/annual-update-key-results-2013-14-new-zealand-health-survey">http://www.health.govt.nz/publication/annual-update-key-results-2013-14-new-zealand-health-survey</a>

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https://minhealthnz.shinyapps.io/nz-health-survey-2017-18-annual-data-explorer/(last accessed 14th December 2017)

2017: Ministry of Health. 2018. Annual Data Explorer 2017/18: New Zealand Health Survey [Data File]. URL:

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2018: New Zealand Health Survey 2018-19. New Zealand Ministry of Health (<a href="https://minhealthnz.shinyapps.io/nz-health-survey-2018-19-annual-data-explorer/\_w\_b396d161/#!/key-indicators accessed 14.11.19">https://minhealthnz.shinyapps.io/nz-health-survey-2018-19-annual-data-explorer/\_w\_b396d161/#!/key-indicators accessed 14.11.19</a>)

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yhhldiiiid-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-

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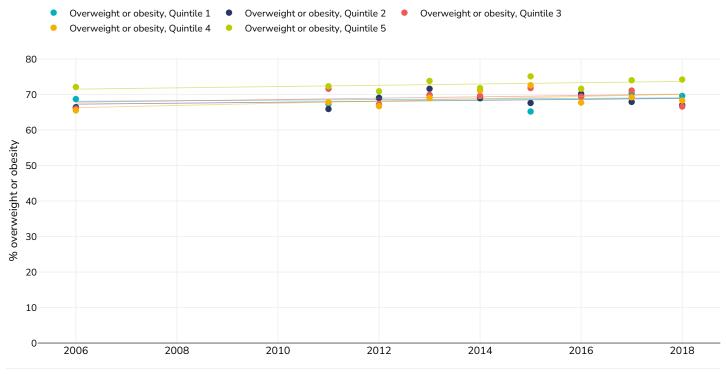
2022: Annual Update of Key Results 2022/23: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey</a> (Accessed 18.12.23)

Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



# % Adults living with overweight or obesity in New Zealand by socioeconomic group 2006-2019

#### Men



Survey type: Measured

References:

2006, 2011, 2012, 2013, 2016, 2018: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey</a> (last accessed 14.07.20)

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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2017: Ministry of Health. 2018. Annual Data Explorer 2017/18: New Zealand Health Survey [Data File]. URL:

 $\underline{\text{https://minhealthnz.shinyapps.io/nz-health-survey-2017-18-annual-data-explorer/}} \text{ (Accessed 15.04.19)}$ 

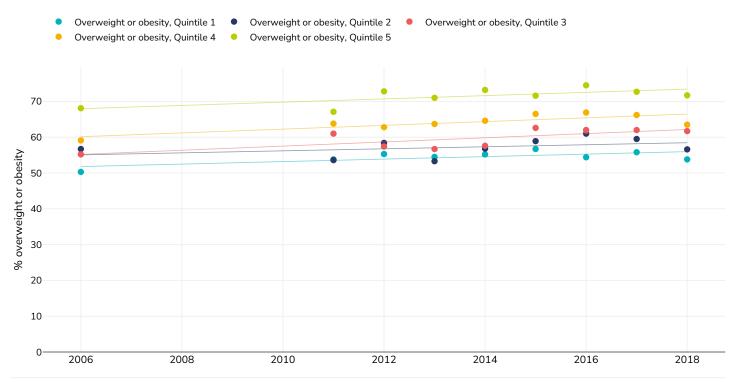
Notes:

Quintile 1 = Least deprived areas, Quintile = 5 Most deprived areas

 $Unless \ otherwise \ noted, overweight \ refers \ to \ a \ BMI \ between \ 25kg \ and \ 29.9kg/m^2, obesity \ refers \ to \ a \ BMI \ greater \ than \ 30kg/m^2.$ 



#### Women



Survey type: Measured

References:

2006, 2011, 2012, 2013, 2016, 2018: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey</a> (last accessed 14.07.20)

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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 15.04.19)

Notes:

Quintile 1 = Least deprived areas, Quintile = 5 Most deprived areas

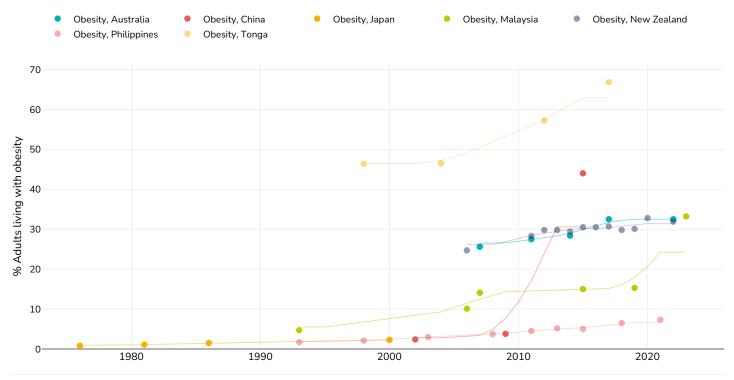
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



% Adults living with obesity in selected countries in the Asia/Oceania Region 1975-2019, selected countries



#### Men



References:

1976, 1981, 1986: Yoshiike N, Seino F, Tajima S, Arai Y, Kawano M, Furuhata T, Inoue S. Twenty-year changes in the prevalence of overweight in Japanese adults: The National Nutrition Survey 1976-95. Obesity Reviews 2002;3:183-190

1993, 2005, 2013: Chang HC, Yang HC, Chang HY, et al. Morbid obesity in Taiwan: Prevalence, trends, associated social demographics, and lifestyle factors. PLoS One. 2017;12(2):e0169577. Published 2017 Feb 2. doi:10.1371/journal.pone.0169577

1995, 1996: Martorell R, Khan LK, Hughes ML, Grummer Strawn LM. Obesity in women from developing countries. EJCN (2000) 54;247-

1998: Colaguir S, Colagiuri R, Na'ati S, Muimuiheata S, Hussain Z and Palau T. (2002). The prevalence of diabetes in the Kingdom of Tonga. Diabetes care, 25: 1378 - 1383.

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2001: SCN (2004). 5th Report on the World Nutrition Situation. Nutrition for Improved Development Outcomes. Appendix 11 2002: Report of the 2002 China National Nutrition and Health Survey. 2004. (In Chinese). Chinese Ministry of Public Health (CMPH). 2003: <a href="http://www.fnri.dost.gov.ph/files/fnri%20files/nns/factsandfigures2003/anthropometric.pdf">http://www.fnri.dost.gov.ph/files/fnri%20files/nns/factsandfigures2003/anthropometric.pdf</a> (last accessed June 14th 2011) 2004: Tonga STEPS Survey 2004

2006: Gerritsen S, Stefanogiannis N, Galloway Y, Devlin M, Templaton R and Yeh L. A portrait of health: key results of the 2006/07 New Zealand Health Survey.

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2014: National Institute of Population Research and Training - NIPORT/Bangladesh, Mitra and Associates, and ICF International. 2016. Bangladesh Demographic and Health Survey 2014. Dhaka, Bangladesh: NIPORT, Mitra and Associates, and ICF International... http://www.dhsprogram.com/publications/publication-FR311-DHS-Final-Reports.cfm (last accessed 11th April 2016)

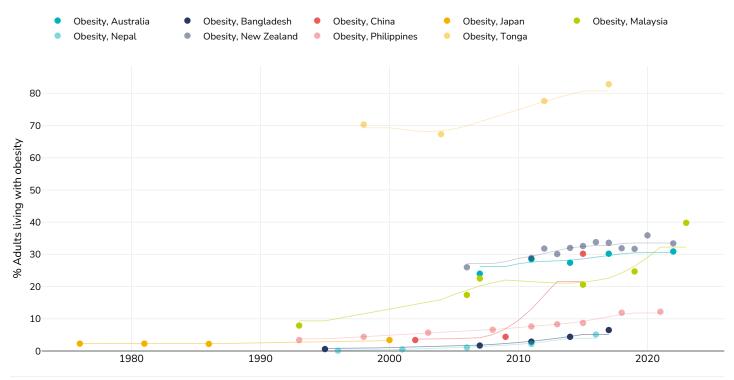
2015: Institute for Public Health (IPH) 2015. National Health and Morbidity Survey 2015 (NHMS 2015). Vol. II: Non-Communicable
Diseases, Risk Factors & Other Health Problems; 2015.

2016: Ministry of Health - MOH/Nepal, New ERA/Nepal, and ICF. 2017. Nepal Demographic and Health Survey 2016. Kathmandu, Nepal: MOH/Nepal, New ERA/Nepal, and ICF.





#### Women



References:

1976, 1981, 1986: Yoshiike N, Seino F, Tajima S, Arai Y, Kawano M, Furuhata T, Inoue S. Twenty-year changes in the prevalence of overweight in Japanese adults: The National Nutrition Survey 1976-95. Obesity Reviews 2002;3:183-190

1993, 2005, 2013: Chang HC, Yang HC, Chang HY, et al. Morbid obesity in Taiwan: Prevalence, trends, associated social demographics, and lifestyle factors. PLoS One. 2017;12(2):e0169577. Published 2017 Feb 2. doi:10.1371/journal.pone.0169577

1995, 1996: Martorell R, Khan LK, Hughes ML, Grummer Strawn LM. Obesity in women from developing countries. EJCN (2000) 54;247-252

1998: Colaguir S, Colagiuri R, Na'ati S, Muimuiheata S, Hussain Z and Palau T. (2002). The prevalence of diabetes in the Kingdom of Tonga. Diabetes care, 25: 1378 - 1383.

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2006: Gerritsen S, Stefanogiannis N, Galloway Y, Devlin M, Templaton R and Yeh L. A portrait of health: key results of the 2006/07 New Zealand Health Survey.

2007: Australian Bureau of Statistics (ABS). National Health Survey: Summary of results. Canberra, Australia, ABS, 2009. WHO Global InfoBase reference:102910

2008: Food and Nutrition Research Institute-Department of Science and Technology (FNRI-DOST). 2010. Philippine Nutrition Facts and Figures 2008. DOST Complex, FNRI Bldg., Bicutan, Taguig City, Metro Manila, Philippines.

2009: Yan, S., Li, J., Li, S., Zhang, B., Du, S., Gordon-Larsen, P., Adair, L. and Popkin, B. (2012), The expanding burden of cardiometabolic risk in China: the China Health and Nutrition Survey. Obesity Reviews. doi: 10.1111/j.1467-789X.2012.01016.x

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2014: National Institute of Population Research and Training - NIPORT/Bangladesh, Mitra and Associates, and ICF International. 2016. Bangladesh Demographic and Health Survey 2014. Dhaka, Bangladesh: NIPORT, Mitra and Associates, and ICF International... http://www.dhsprogram.com/publications/publication-FR311-DHS-Final-Reports.cfm (last accessed 11th April 2016)

2015: Institute for Public Health (IPH) 2015. National Health and Morbidity Survey 2015 (NHMS 2015). Vol. II: Non-Communicable Diseases, Risk Factors & Other Health Problems; 2015.

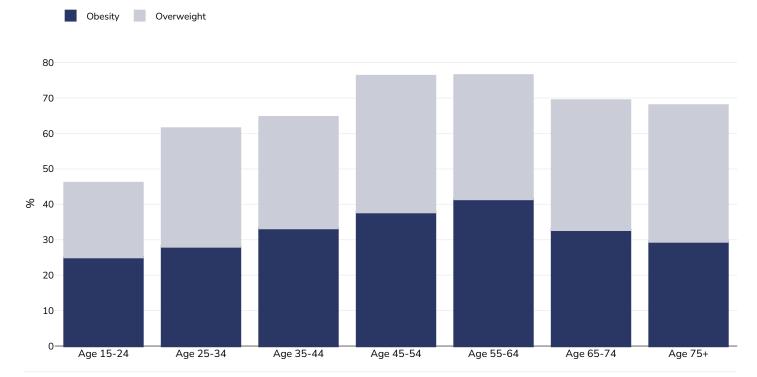
2016: Ministry of Health - MOH/Nepal, New ERA/Nepal, and ICF. 2017. Nepal Demographic and Health Survey 2016. Kathmandu, Nepal: MOH/Nepal, New ERA/Nepal, and ICF.





# Overweight/obesity by age

## Adults, 2022-2023

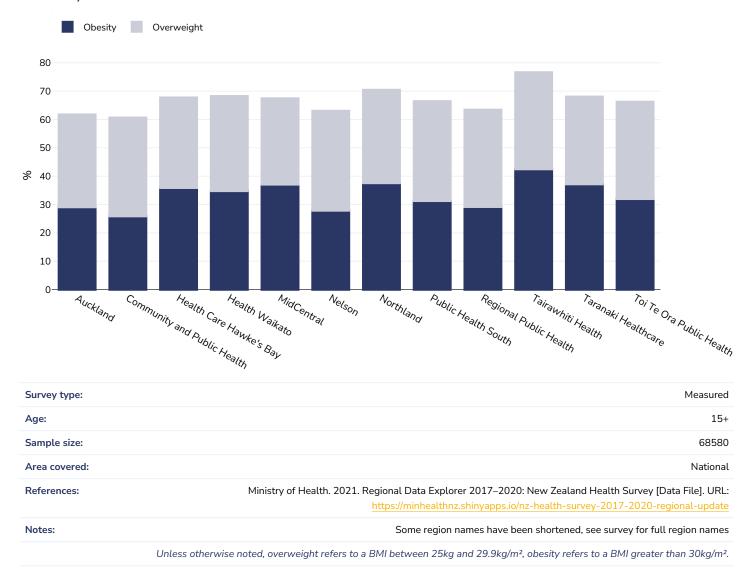


Survey type:	Measured
Sample size:	6799
Area covered:	National
References:	Annual Update of Key Results 2022/23: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey</a> (Accessed 18.12.23)
Definitions:	Overweight/Obesity based on standard WHO adult cut-offs except for 15-17 year olds where IOTF International cutoffs are used
	Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



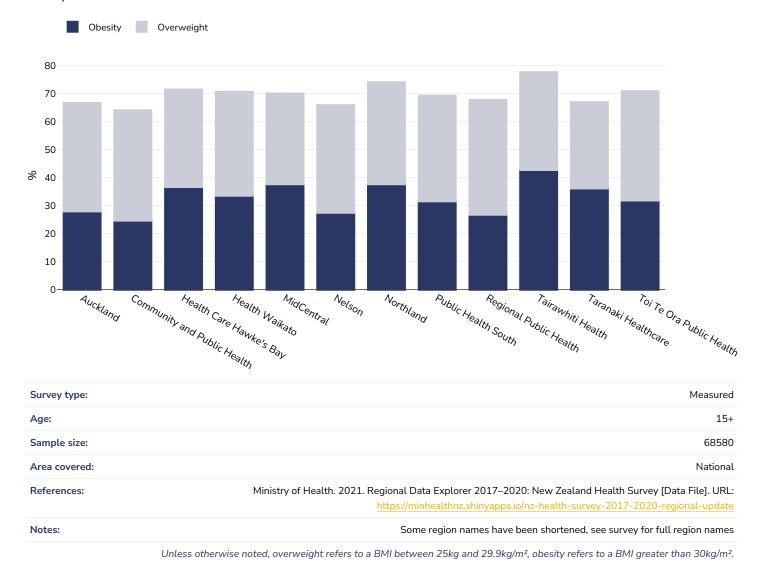
## Overweight/obesity by region

### Adults, 2017-2019



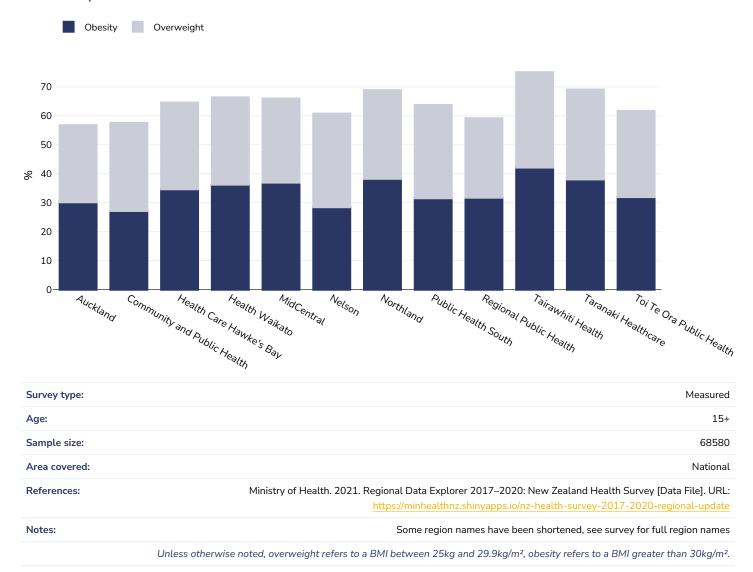


### Men, 2017-2019





### Women, 2017-2019

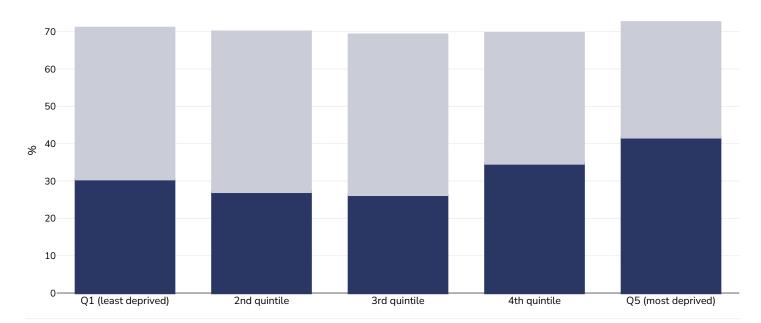




# Overweight/obesity by socio-economic group

## Men, 2022-2023



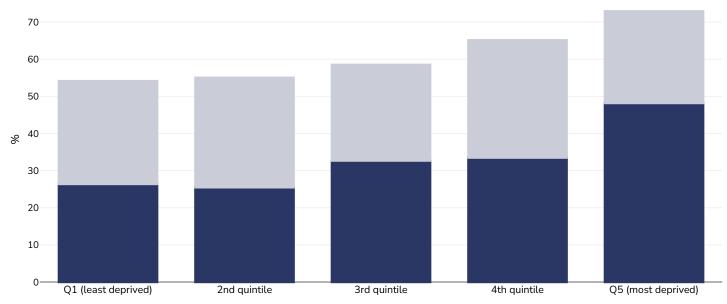


Survey type:	Measured
Age:	15+
Sample size:	6799
Area covered:	National
References:	Annual Update of Key Results 2022/23: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey</a> (Accessed 18.12.23)
Definitions:	Overweight/Obesity based on standard WHO adult cut-offs except for 15-17 year olds where IOTF International cutoffs are used
	Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



# Women, 2022-2023





Survey type:	Measured
Age:	15+
Sample size:	6799
Area covered:	National
References:	Annual Update of Key Results 2022/23: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey</a> (Accessed 18.12.23)
Definitions:	Overweight/Obesity based on standard WHO adult cut-offs except for 15-17 year olds where IOTF International cutoffs are used
	Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².

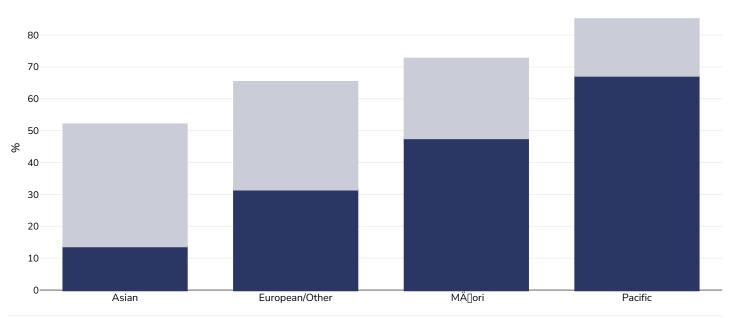


# Overweight/obesity by ethnicity

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.

## Adults, 2022-2023



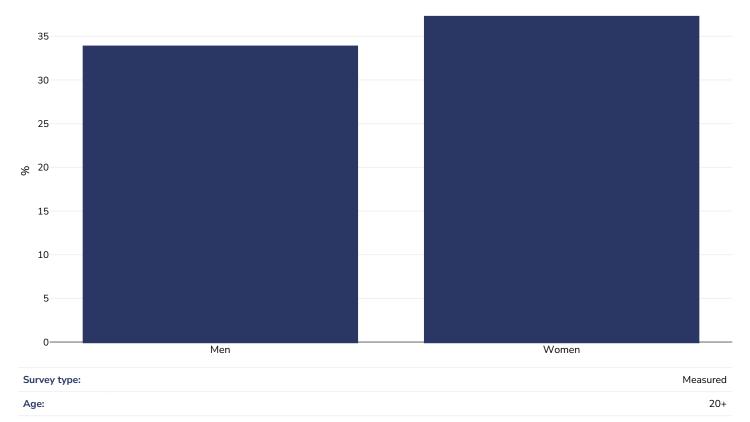


Survey type:	Measured
Age:	15+
Sample size:	6799
Area covered:	National
References:	Annual Update of Key Results 2022/23: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey</a> (Accessed 18.12.23)
Definitions:	Overweight/Obesity based on standard WHO adult cut-offs except for 15-17 year olds where IOTF International cutoffs are used
	Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



# Double burden of underweight & overweight

### Adults, 2022



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.

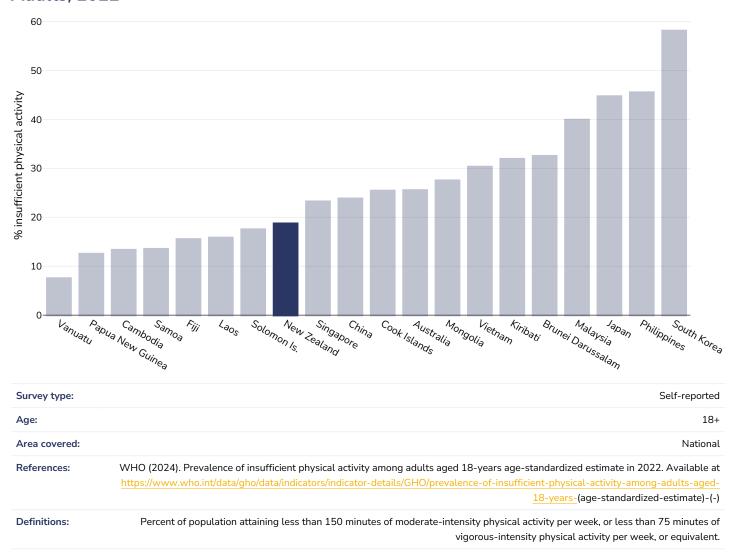
https://doi.org/10.1016/S0140-6736(23)02750-2.

Notes: Age Standardised estimates

**Definitions:** Combined prevalence of BMI<18.5 kg/m $^2$  and BMI>=30 kg/m $^2$  (double burden of underweight and obesity)

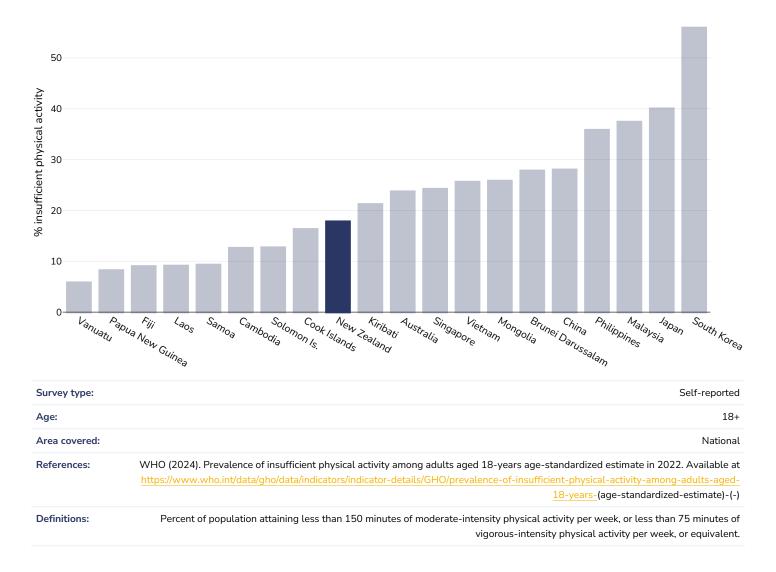


# Insufficient physical activity



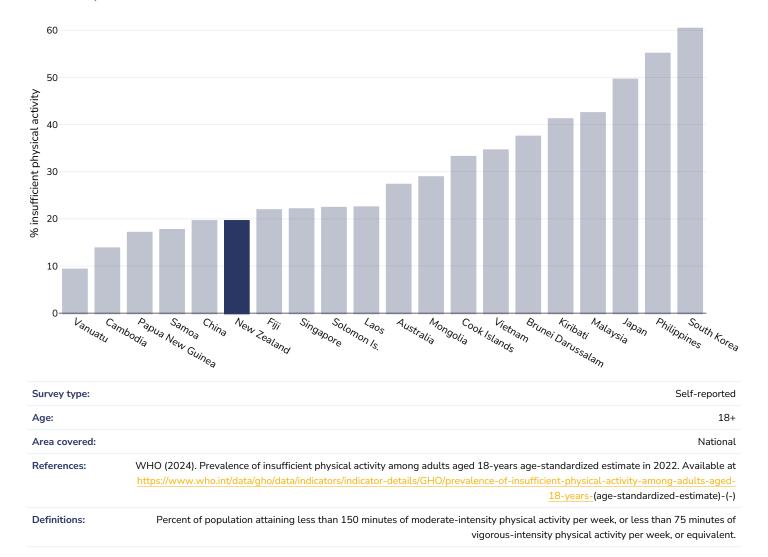


### Men, 2022



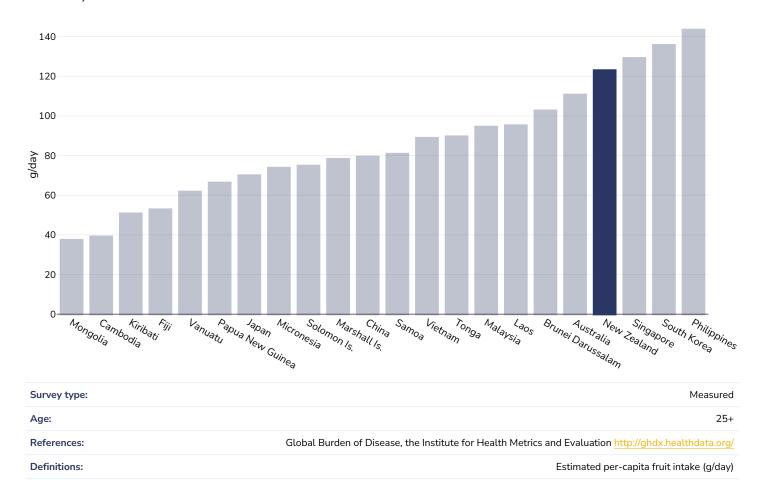


## Women, 2022



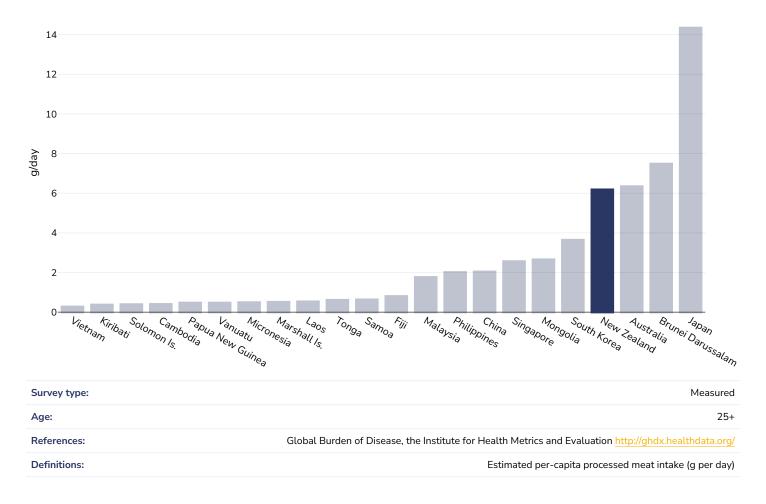


# Estimated per capita fruit intake



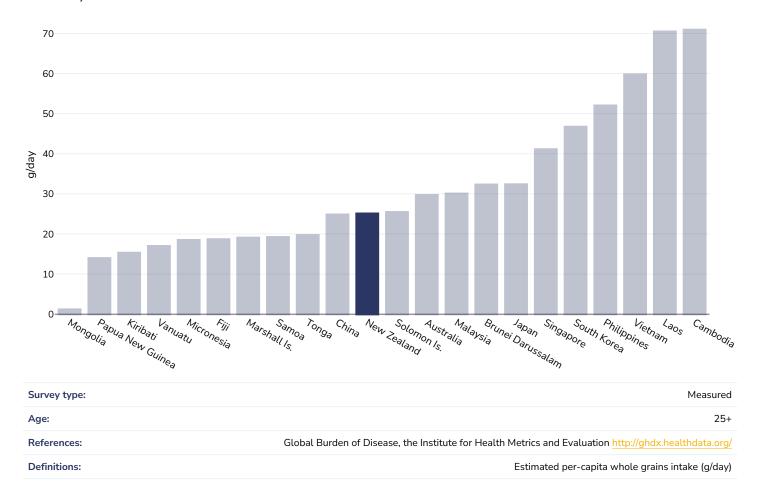


# Estimated per-capita processed meat intake



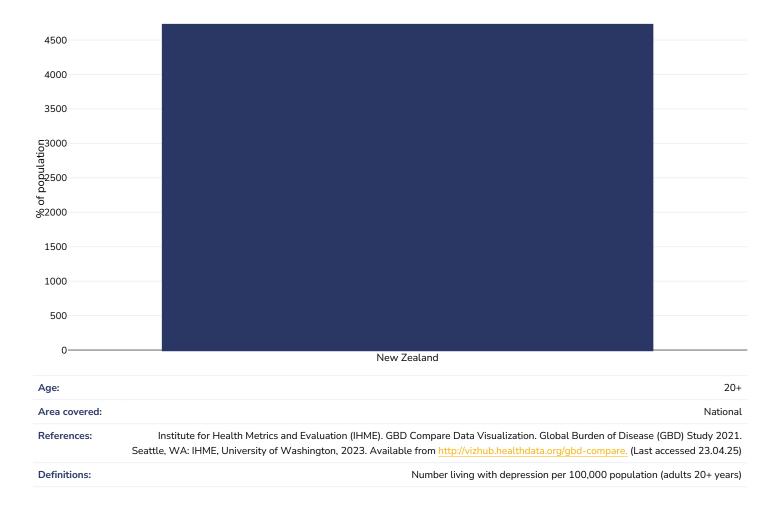


# Estimated per capita whole grains intake





# Mental health - depression disorders

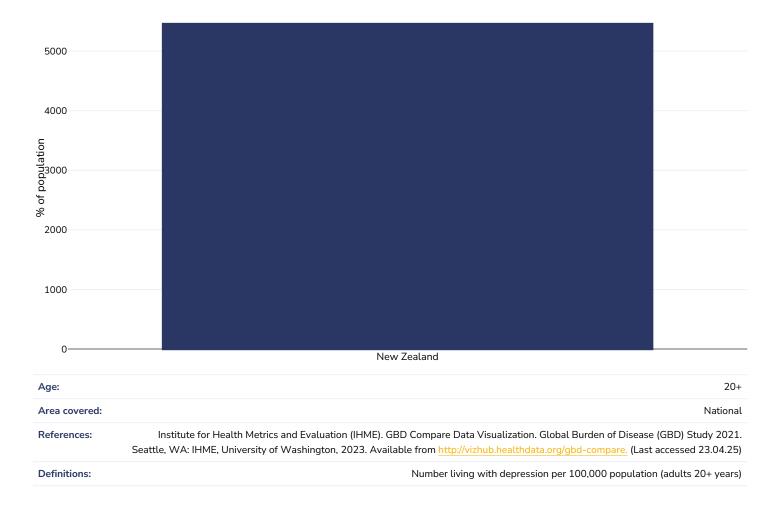




## Men, 2021



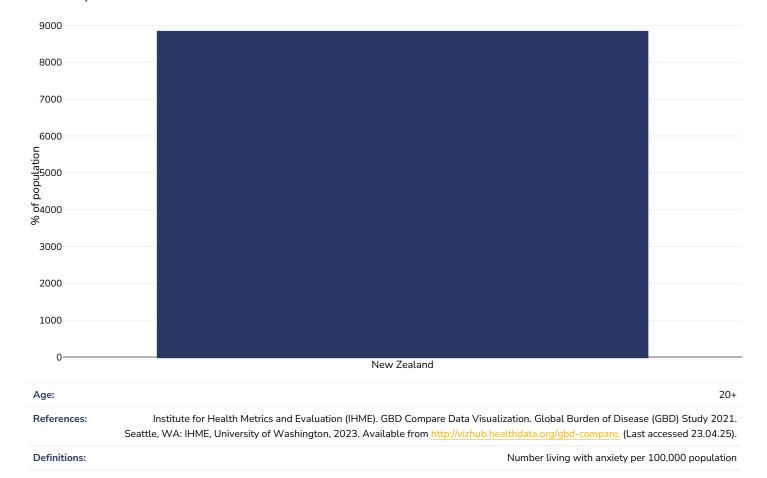






# Mental health - anxiety disorders

## Adults, 2021





# Men, 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 <a href="http://vizhub.healthdata.org/gbd-compare">http://vizhub.healthdata.org/gbd-compare</a>. (Last accessed 23.04.25).

Definitions:

Number living with anxiety per 100,000 population





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 <a href="http://vizhub.healthdata.org/gbd-compare">http://vizhub.healthdata.org/gbd-compare</a>. (Last accessed 23.04.25).

Definitions:

Number living with anxiety per 100,000 population



# Oesophageal cancer

## Men, 2022



Indicence per 100,000



# Women, 2022

**Definitions:** 

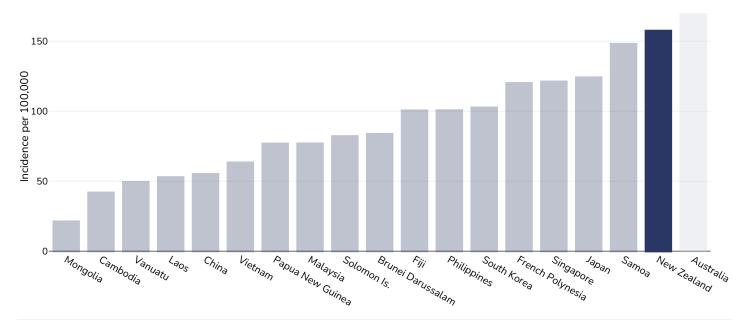




#### **Breast cancer**

#### Women, 2022





Area covered: National

References:

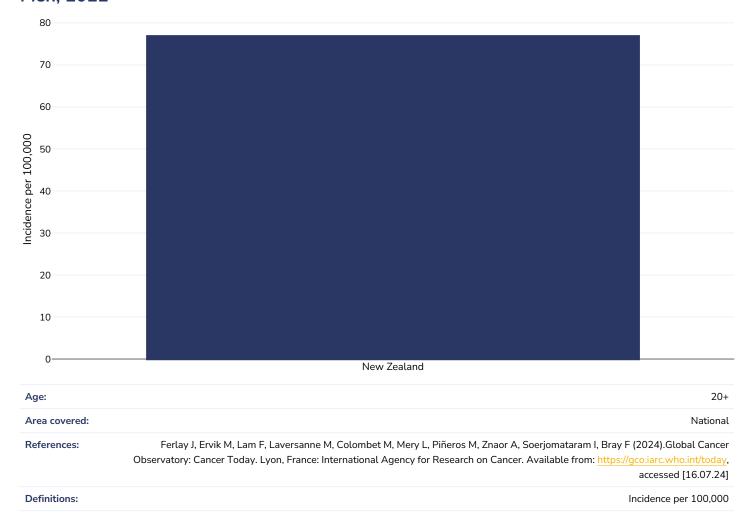
Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a>, accessed [16.07.24]

Definitions: Incidence per 100,000



## **Colorectal cancer**

## Men, 2022



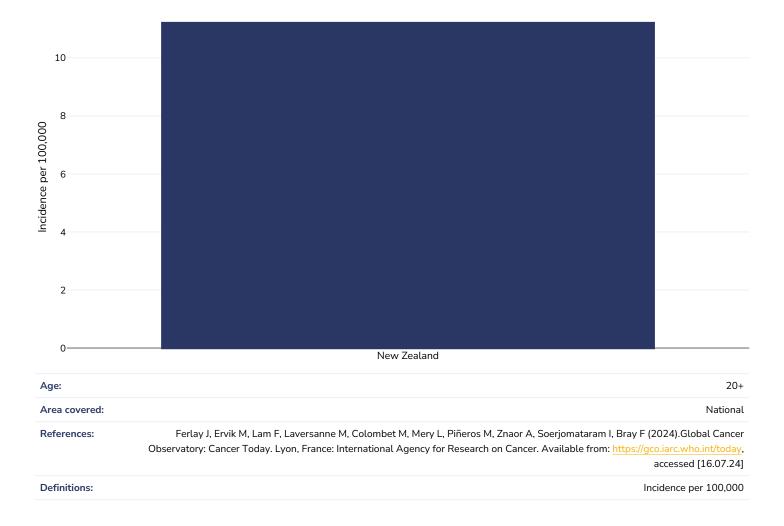




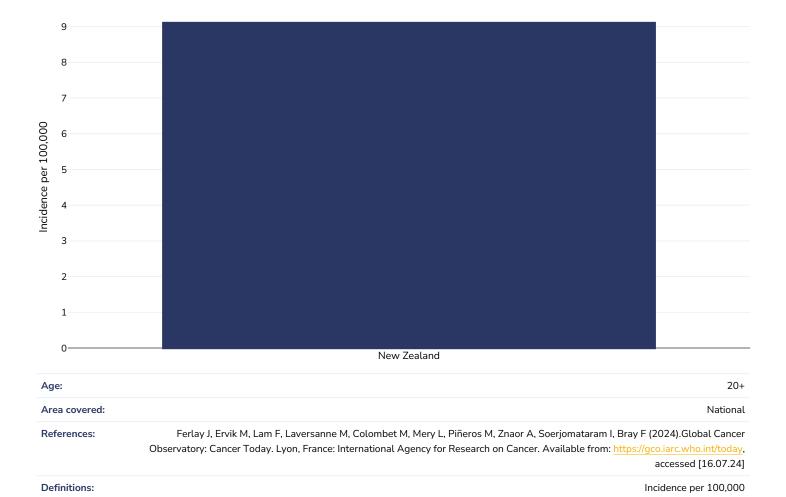


# Pancreatic cancer

## Men, 2022



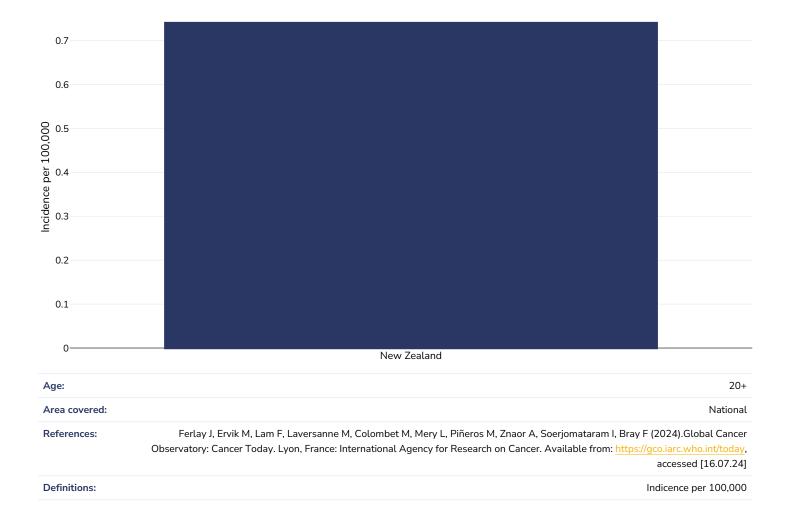






## Gallbladder cancer

## Men, 2022



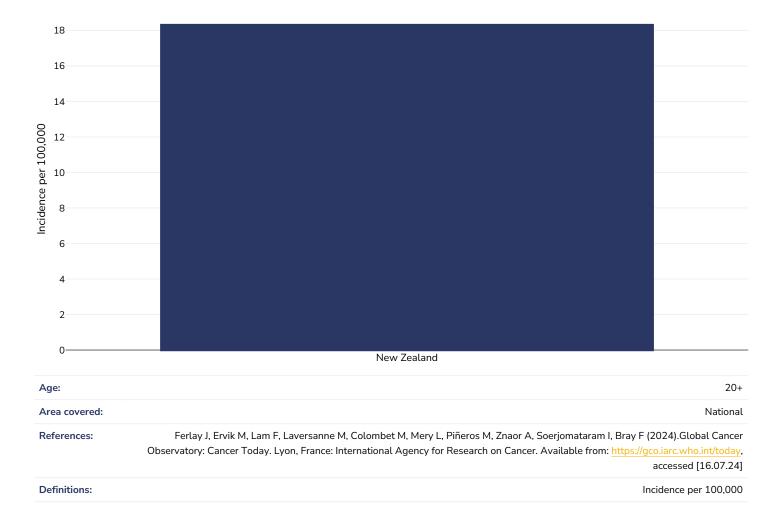






# Kidney cancer

# Men, 2022









## Cancer of the uterus

## Women, 2022

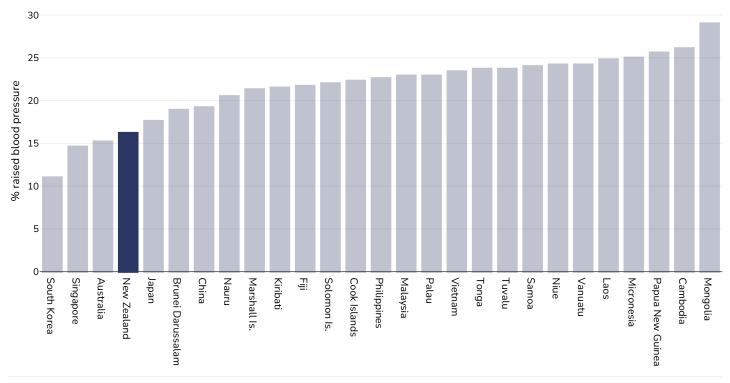


Definitions: Incidence per 100,000



# Raised blood pressure

## Adults, 2015



References:

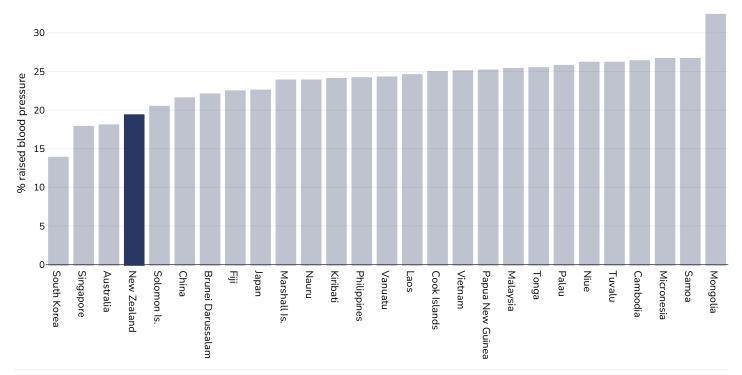
Global Health Observatory data repository, World Health Organisation, http://apps.who.int/gho/data/node.main.A875?lang=en

Definitions:

Age Standardised estimated % Raised blood pressure 2015 (SBP>=140 OR DBP>=90).



## Men, 2015



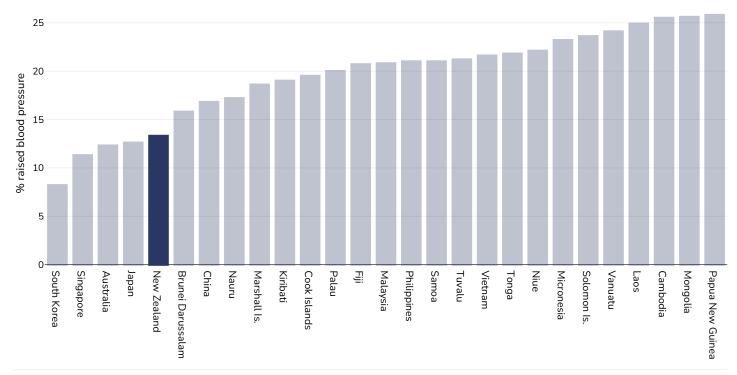
References:

Global Health Observatory data repository, World Health Organisation, http://apps.who.int/gho/data/node.main.A875?lang=en

Definitions:

Age Standardised estimated % Raised blood pressure 2015 (SBP>=140 OR DBP>=90).





References:

Global Health Observatory data repository, World Health Organisation, http://apps.who.int/gho/data/node.main.A875?lang=en

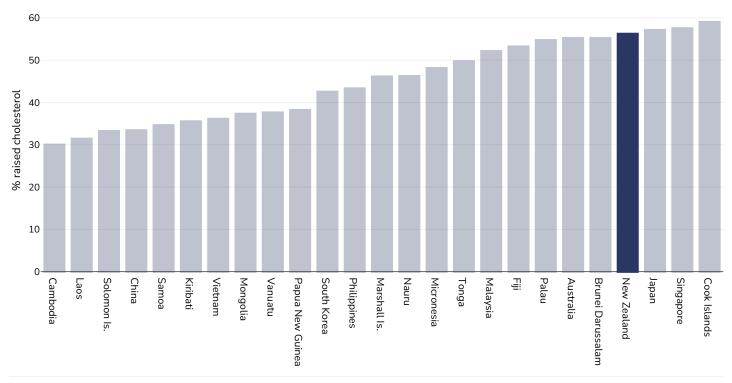
Definitions:

Age Standardised estimated % Raised blood pressure 2015 (SBP>=140 OR DBP>=90).



## Raised cholesterol

## Adults, 2008



References:

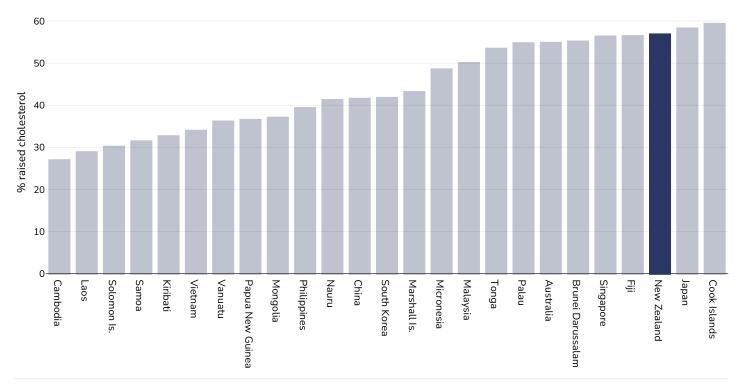
Global Health Observatory data repository, World Health Organisation, <a href="http://apps.who.int/gho/data/node.main.A885">http://apps.who.int/gho/data/node.main.A885</a>

Definitions:

% Raised total cholesterol (>= 5.0 mmol/L) (age-standardized estimate).



## Men, 2008



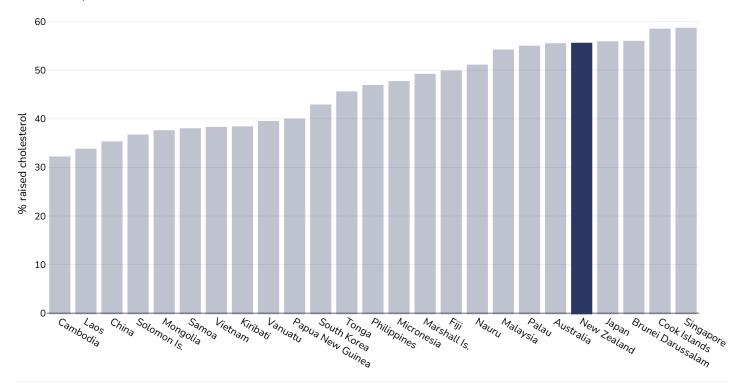
References:

Global Health Observatory data repository, World Health Organisation, <a href="http://apps.who.int/gho/data/node.main.A885">http://apps.who.int/gho/data/node.main.A885</a>

Definitions:

% Raised total cholesterol (>= 5.0 mmol/L) (age-standardized estimate).





References:

Global Health Observatory data repository, World Health Organisation, http://apps.who.int/gho/data/node.main.A885

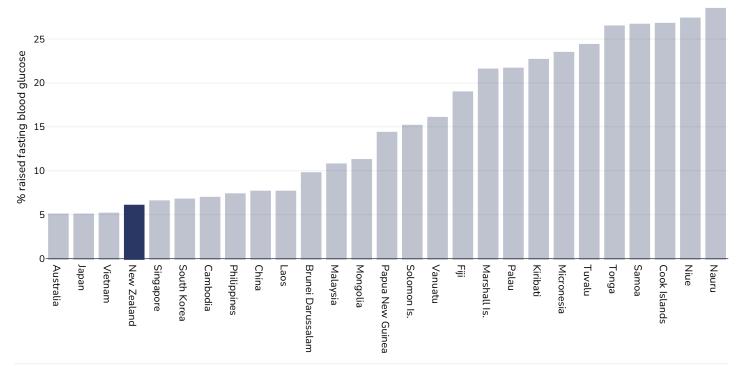
Definitions:

% Raised total cholesterol (>= 5.0 mmol/L) (age-standardized estimate).



# Raised fasting blood glucose

## Men, 2014



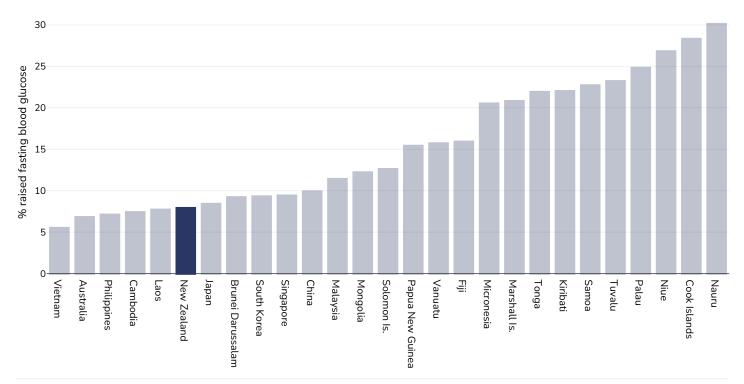
References:

Global Health Observatory data repository, World Health Organisation, http://apps.who.int/gho/data/node.main.A869?lang=en

Definitions:

Age Standardised % raised fasting blood glucose (>= 7.0 mmoVL or on medication).





References:

Global Health Observatory data repository, World Health Organisation, http://apps.who.int/gho/data/node.main.A869?lang=en

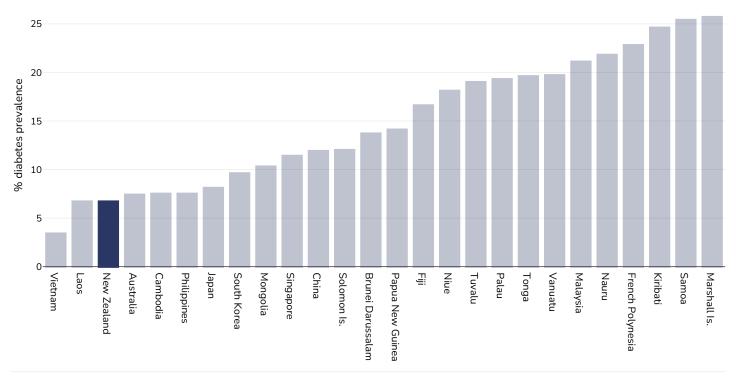
Definitions:

Age Standardised % raised fasting blood glucose (>= 7.0 mmol/L or on medication).



# Diabetes prevalence

## Adults, 2024



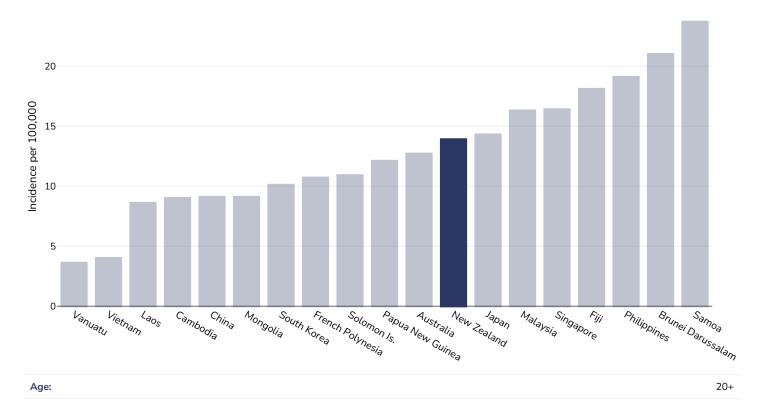
References:

Reproduced with kind permission International Diabetes Federation. IDF Diabetes Atlas, 11th edn. Brussels, Belgium:International Diabetes Federation, 2025. <a href="http://www.diabetesatlas.org">http://www.diabetesatlas.org</a>



## **Ovarian Cancer**

#### Women, 2022



References:

Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a>, accessed [16.07.24]

Definitions: Incidence per 100,000



# Leukemia

Men, 2022										
4										
3										
2										
1										
0————										
<sup>-1</sup> 1	0	1	2	3	4	5	6			
Age:							20+			
Area covered:							National			
References:	Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24]									
Definitions:						Incidence pe	er 100,000			
	Unless oth	erwise noted, overw	eight refers to a BMI I	between 25kg and 29	).9kg/m², obesity refers	s to a BMI greater than	n 30kg/m².			

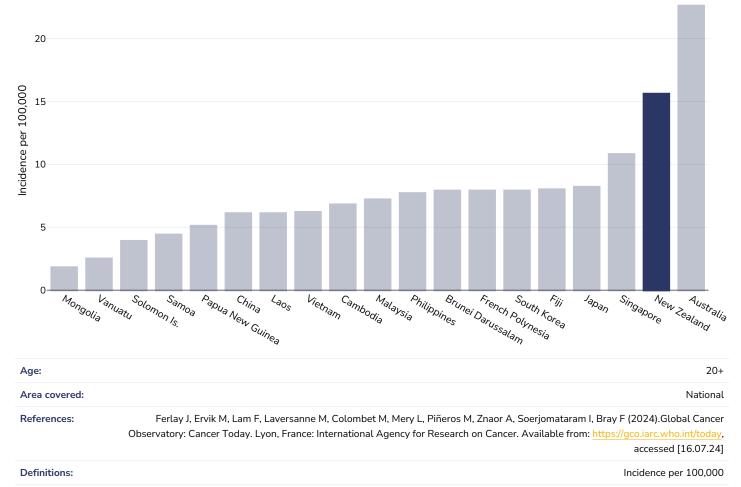


Women, 202	22										
4											
3											
2											
1											
0											
<sup>-1</sup> _1	0	1	2	3	4	5	6				
Age:							20+				
Area covered:							National				
References:	Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24]										
Definitions:						Incidence pe	r 100,000				
	Unless other	erwise noted, overwe	eight refers to a BMI I	between 25kg and 29.	9kg/m², obesity refers	to a BMI greater thar	30kg/m².				



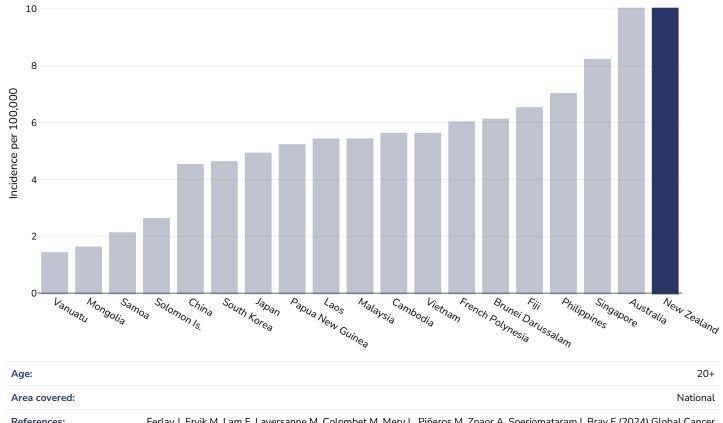
#### Leukemia

#### Men, 2022



Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².





References:

Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024).Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: https://gco.iarc.who.int/today, accessed [16.07.24]

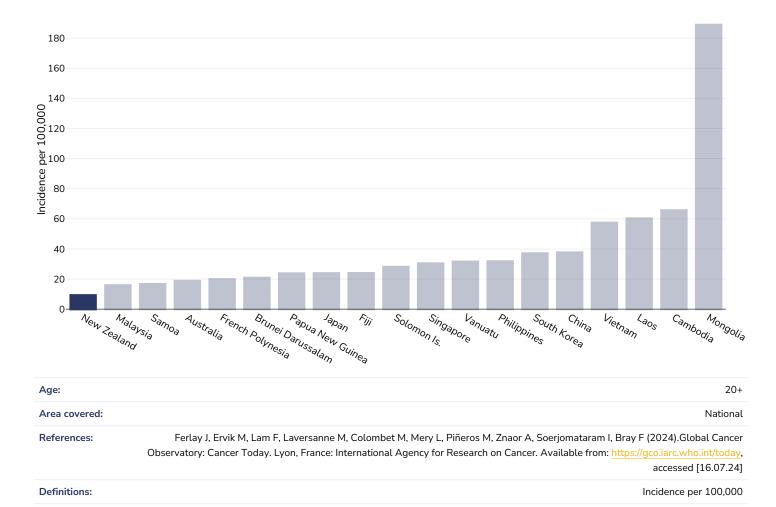
**Definitions:** Incidence per 100,000

 $Unless \ otherwise \ noted, overweight \ refers \ to \ a \ BMI \ between \ 25kg \ and \ 29.9kg/m^2, \ obesity \ refers \ to \ a \ BMI \ greater \ than \ 30kg/m^2.$ 

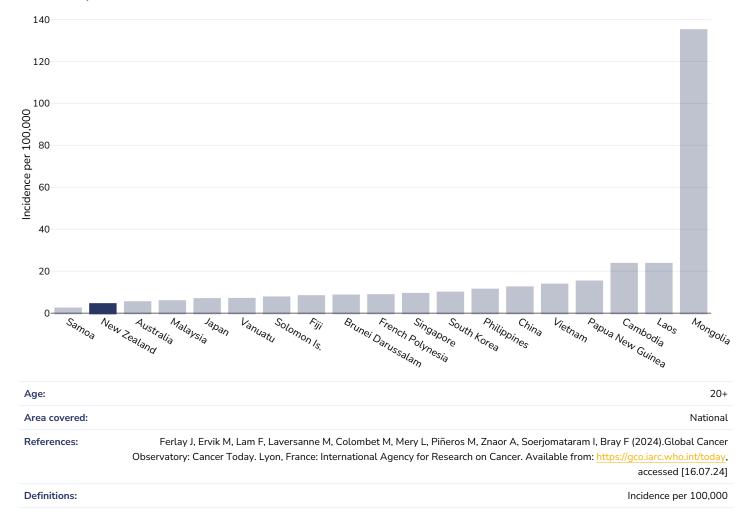


# Liver and intrahepatic bile duct Cancer

#### Men, 2022



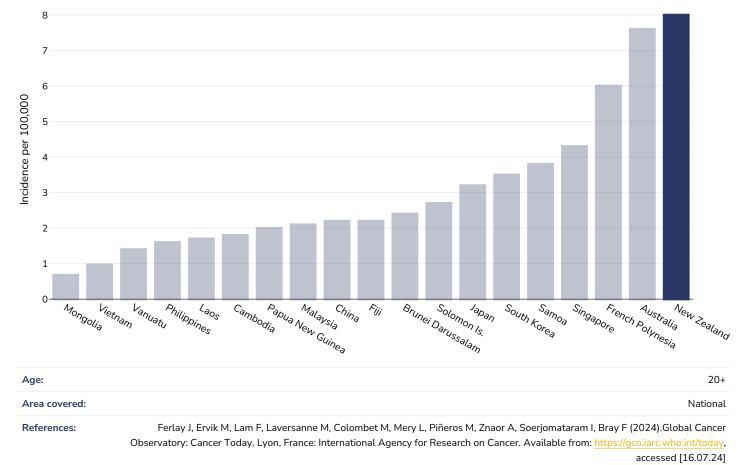






# Multiple Myeloma

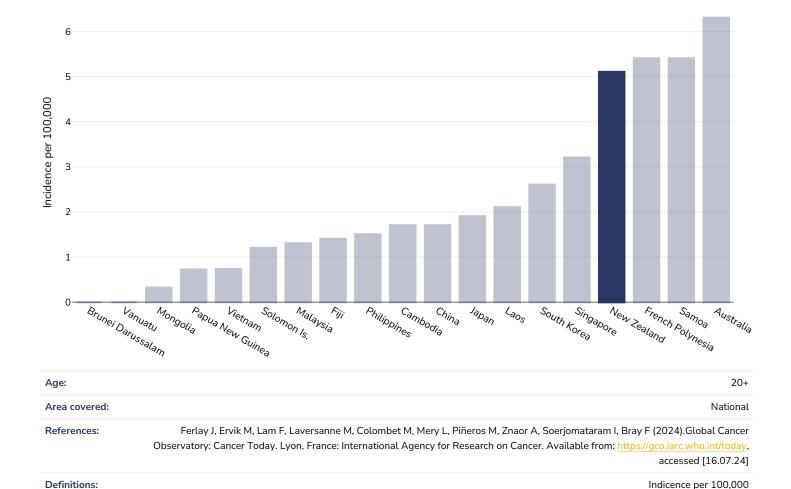
#### Men, 2022



Definitions: Indicence per 100,000

Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



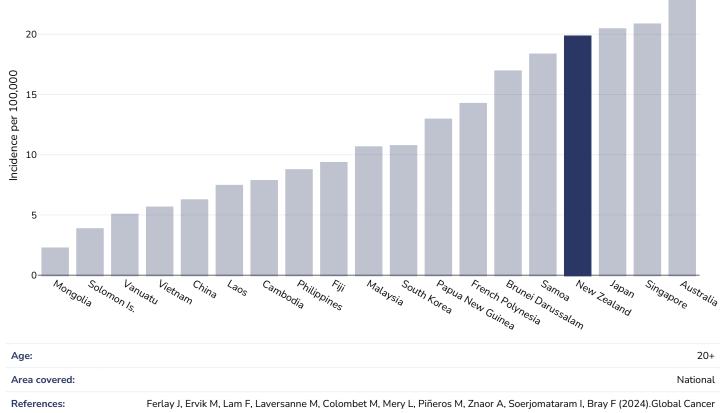


 $Unless \ otherwise \ noted, overweight \ refers \ to \ a \ BMI \ between \ 25kg \ and \ 29.9kg/m^2, \ obesity \ refers \ to \ a \ BMI \ greater \ than \ 30kg/m^2.$ 



# Non Hodgkin Lymphoma

#### Men, 2022



Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a>,

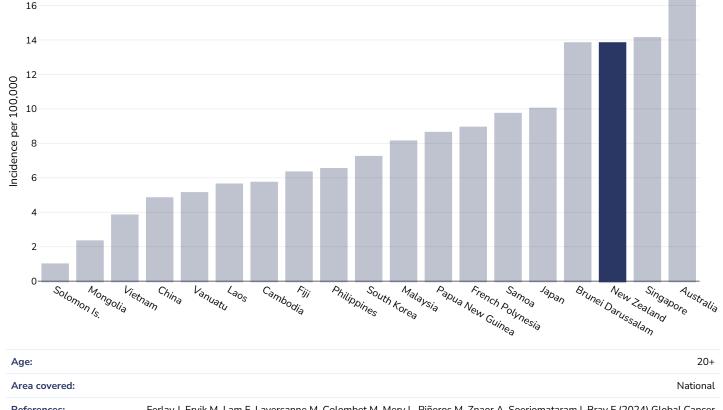
accessed [16.07.24]

Definitions:

Incidence per 100,000

Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².





References: Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024).Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: https://gco.iarc.who.int/today,

accessed [16.07.24]

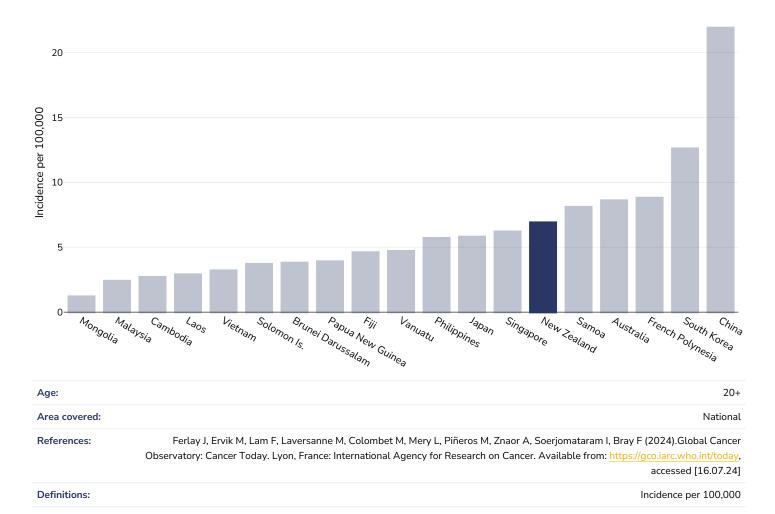
Definitions: Incidence per 100,000

Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².

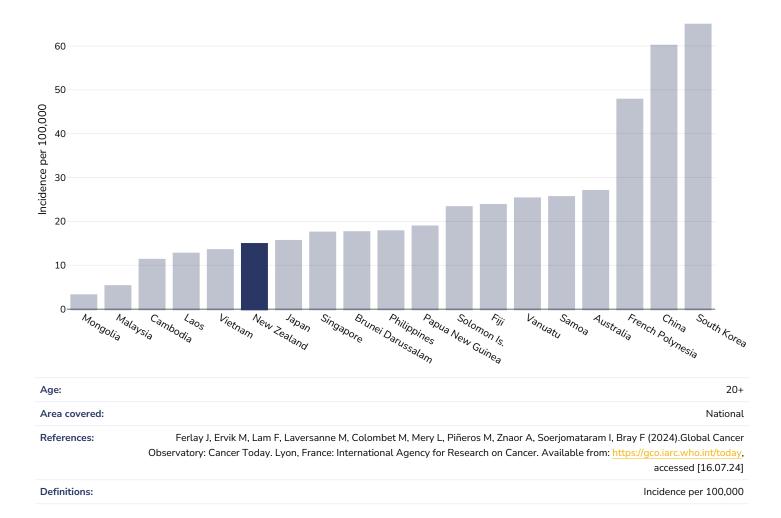


# **Thyroid Cancer**

#### Men, 2022







PDF created on July 14, 2025