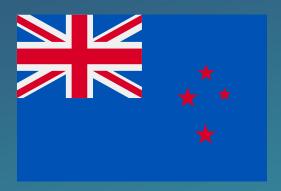


# New Zealand



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>.



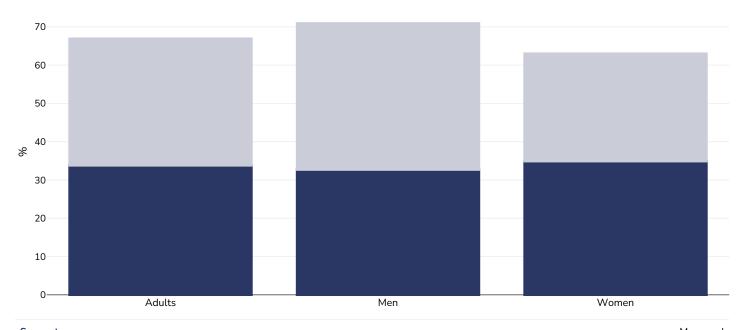
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# **Obesity prevalence**

## Adults, 2023-2024



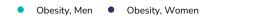


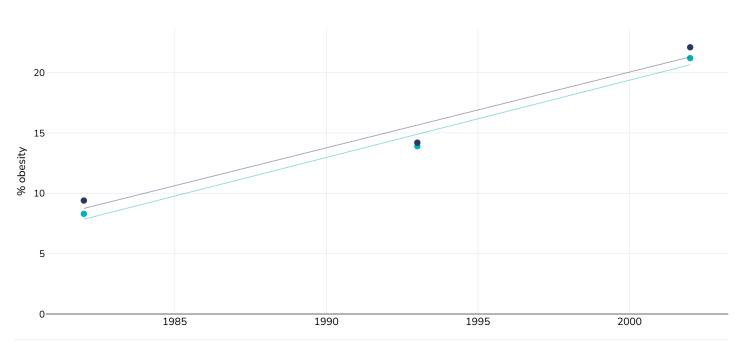
Survey type:	Measured
Age:	15+
Sample size:	9719
Area covered:	National
References:	Annual Update of Key Results 2023/24: New Zealand Health Survey. <a href="https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey">https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey</a> [Last accessed 20.08.25]
Definitions:	Overweight/Obesity based on standard WHO adult cut-offs except for 15-17 year olds where IOTF International cutoffs are used

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



# % 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

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

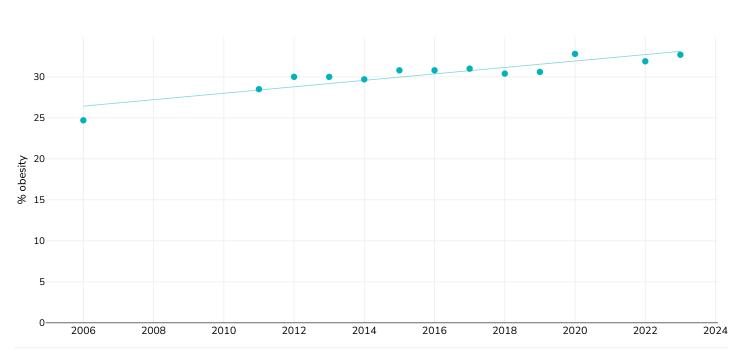


% Adults living with obesity in New Zealand 2006-2023



#### 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: New Zealand Health Survey 2011/12. <a href="https://minhealthnz.shinyapps.io/nz-health-survey-2023-24-annual-data-explorer/">https://minhealthnz.shinyapps.io/nz-health-survey-2023-24-annual-data-explorer/</a> (last accessed 20.08.25)

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2016: Ministry of Health. 2018. Annual Data Explorer 2017/18: New Zealand Health Survey [Data File]. URL:

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https://minhealthnz.shinyapps.io/nz-health-survey-2017-18-annual-data-explorer/ (Last accessed 20.08.25)

results-2022-23-new-zealand-health-survey [Last accessed 20.08.25]

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>)

2019: New Zealand Health Survey 2019/20. https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-

<u>zealand-health-survey</u> [Last accessed 20.08.25] 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>

<u>key-results-2020-21-new-zealand-health-survey</u> 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-">https://www.health.govt.nz/publication/annual-update-key-</a>

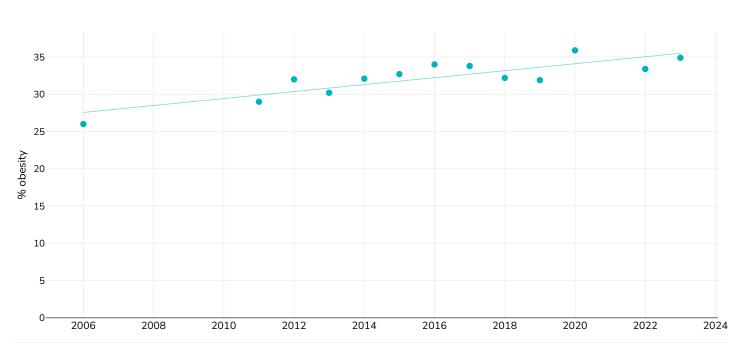
2023: Annual Update of Key Results 2023/24: New Zealand Health Survey. <a href="https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey">https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey</a> [Last accessed 20.08.25]

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#### 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.

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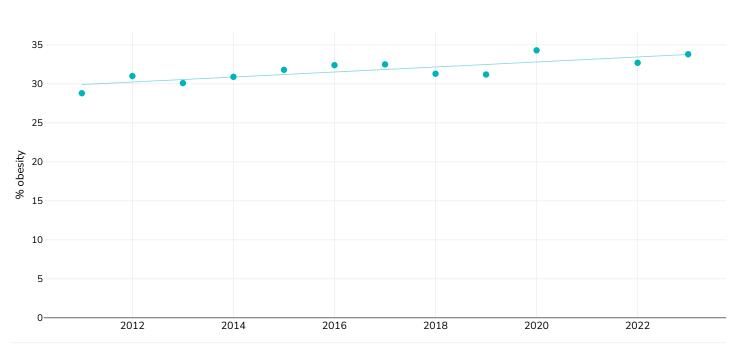
2023: Annual Update of Key Results 2023/24: New Zealand Health Survey. <a href="https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey">https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey</a> [Last accessed 20.08.25]

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



#### 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: New Zealand Health Survey 2011/12. <a href="https://minhealthnz.shinyapps.io/nz-health-survey-2023-24-annual-data-explorer/">https://minhealthnz.shinyapps.io/nz-health-survey-2023-24-annual-data-explorer/</a> (last accessed 20.08.25)

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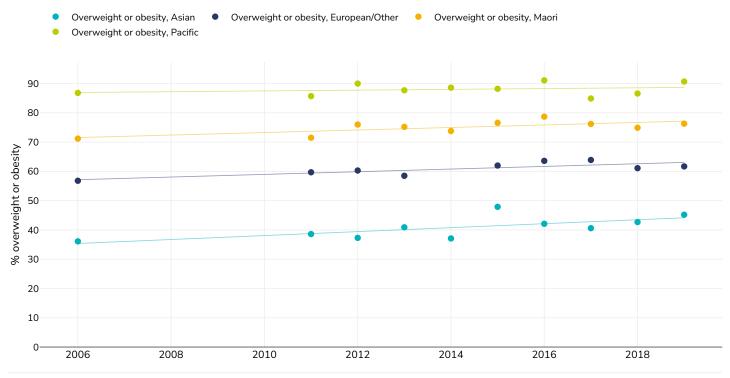
2023: Annual Update of Key Results 2023/24: New Zealand Health Survey. <a href="https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey">https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey</a> [Last accessed 20.08.25]

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

zealand-health-survey (last accessed 16.12.2015)

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)

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

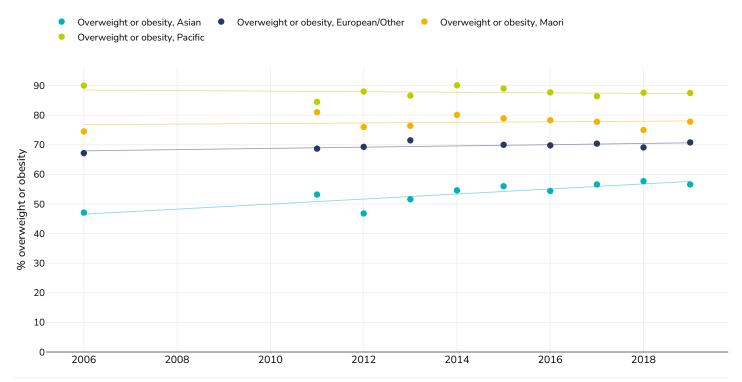
key-results-2020-21-new-zealand-health-survey. Accessed 08.11.21.

2022: Annual Update of Key Results 2022/23: New Zealand Health Survey. <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.



#### 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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2019: Annual Update of New Zealand Health Survey 2019/20 available at <a href="https://ministryofhealthnewzealand.cmail19.com/t/i-l-mjrkhil-">https://ministryofhealthnewzealand.cmail19.com/t/i-l-mjrkhil-</a>

yhhldiiid-r/ (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-key-results-2020-21-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2020-21-new-zealand-health-survey</a>. Accessed 08.11.21.

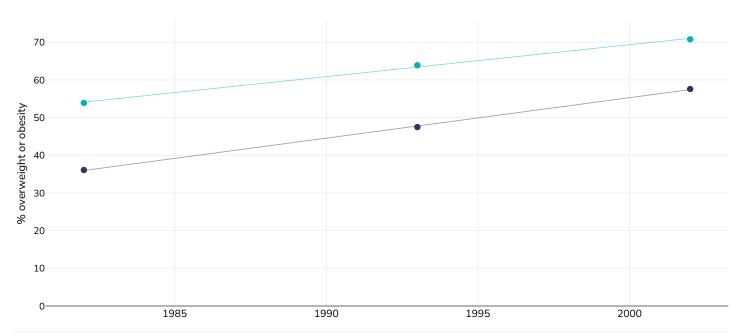
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Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



# % 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

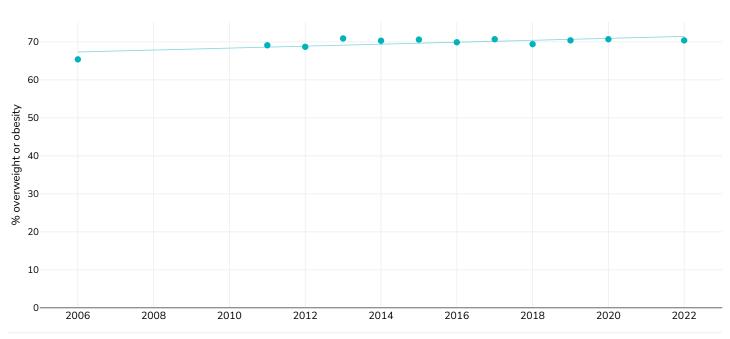
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## % Adults living with overweight or obesity in New Zealand 2006-2023

#### 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: New Zealand Health Survey 2011/12. <a href="https://minhealthnz.shinyapps.io/nz-health-survey-2023-24-annual-data-explorer/">https://minhealthnz.shinyapps.io/nz-health-survey-2023-24-annual-data-explorer/</a> (last accessed 20.08.25)

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zealand-health-survey [Last accessed 20.08.25]

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2019: New Zealand Health Survey 2019/20. https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-

zealand-health-survey [Last accessed 20.08.25] 2020: Annual Update of New Zealand Health Survey 2020/2021 available at https://www.health.govt.nz/publication/annual-update-

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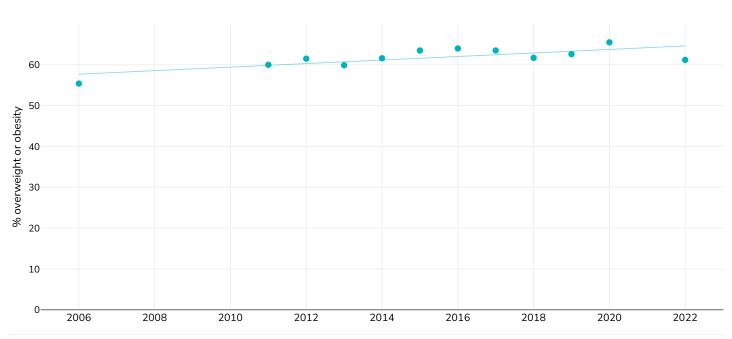
2022: Annual Update of Key Results 2022/23: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey</a> [Last accessed 20.08.25]

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



#### 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: New Zealand Health Survey 2011/12. <a href="https://minhealthnz.shinyapps.io/nz-health-survey-2023-24-annual-data-explorer/">https://minhealthnz.shinyapps.io/nz-health-survey-2023-24-annual-data-explorer/</a> (last accessed 20.08.25)

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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 20.08.25)

2017: Ministry of Health. 2018. Annual Data Explorer 2017/18: New Zealand Health Survey [Data File]. URL: <a href="https://minhealthnz.shinyapps.io/nz-health-survey-2017-18-annual-data-explorer/">https://minhealthnz.shinyapps.io/nz-health-survey-2017-18-annual-data-explorer/</a> (Last accessed 20.08.25)

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>)

2019: New Zealand Health Survey 2019/20. <a href="https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey">https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey</a> [Last accessed 20.08.25]

2020: Annual Update of New Zealand Health Survey 2020/2021 available at <a href="https://www.health.govt.nz/publication/annual-update-key-results-2020-21-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2020-21-new-zealand-health-survey</a> Accessed 08.11.21.

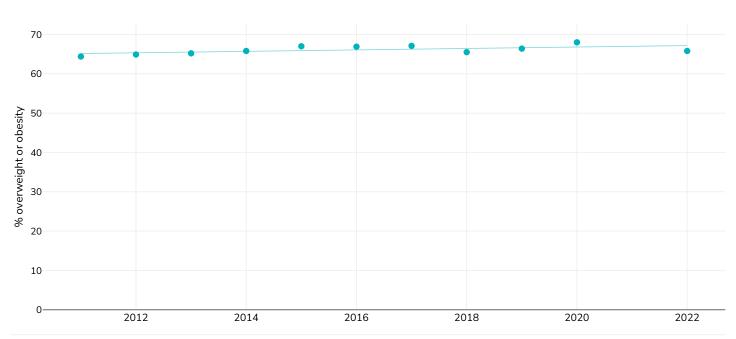
2022: Annual Update of Key Results 2022/23: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey</a> [Last accessed 20.08.25]

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



#### 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: New Zealand Health Survey 2011/12. <a href="https://minhealthnz.shinyapps.io/nz-health-survey-2023-24-annual-data-explorer/">https://minhealthnz.shinyapps.io/nz-health-survey-2023-24-annual-data-explorer/</a> (last accessed 20.08.25)

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2013: http://www.health.govt.nz/publication/annual-update-key-results-2013-14-new-zealand-health-survey

2014: New Zealand Health Survey 2014/15. <a href="https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey">https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey</a> [Last accessed 20.08.25]

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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 20.08.25) 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/ (Last accessed 20.08.25)

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>)

2019: New Zealand Health Survey 2019/20. <a href="https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey">https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey</a> [Last accessed 20.08.25]

2020: Annual Update of New Zealand Health Survey 2020/2021 available at <a href="https://www.health.govt.nz/publication/annual-update-key-results-2020-21-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2020-21-new-zealand-health-survey</a> Accessed 08.11.21.

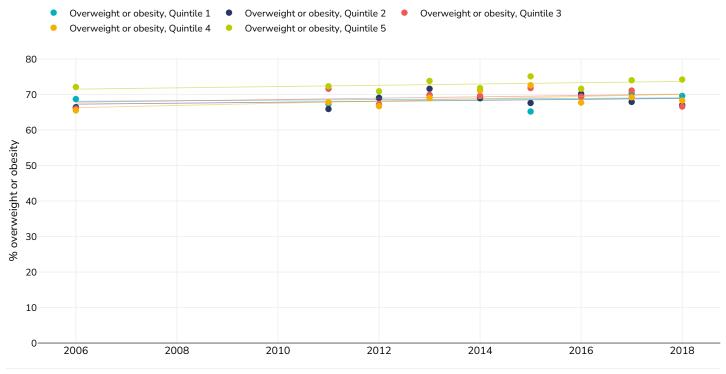
2022: Annual Update of Key Results 2022/23: New Zealand Health Survey. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2022-23-new-zealand-health-survey</a> [Last accessed 20.08.25]

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



# % Adults living with 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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16-new-zealand-health-survey (Accessed 15 December 2016)

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

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

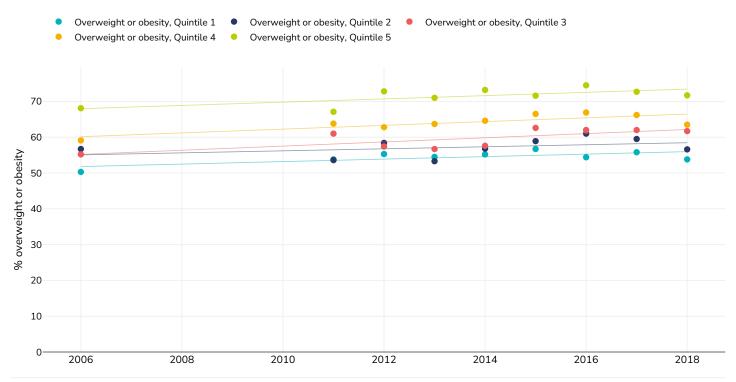
Notes:

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)

2014: New Zealand Health Survey 2014-2015. <a href="https://www.health.govt.nz/publication/annual-update-key-results-2014-15-new-zealand-health-survey">https://www.health.govt.nz/publication/annual-update-key-results-2014-15-new-zealand-health-survey</a> (last accessed 16.12.2015)

 $2015: New Zealand \ Health \ Survey \ 2015-2016. \ Available \ at: \ \underline{http://www.health.govt.nz/publication/annual-update-key-results-2015-2016}.$ 

16-new-zealand-health-survey (Accessed 15 December 2016)

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

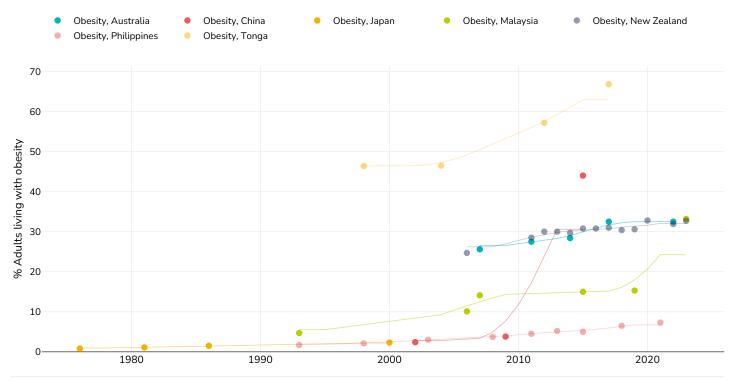
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



% 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: Ismail MN, Zawaih H, Chee SS, Ng KK. Prevalence of obesity and chronic energy deficiency (CED) in adult Malaysians. Malays J Nutrition. 1995; 1:1-9

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 $\textbf{2013:} \ \underline{\text{http://www.health.govt.nz/publication/annual-update-key-results-2013-14-new-zealand-health-survey} \\$ 

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http://www.abs.gov.au/ausstats/abs@.nsf/Latestproducts/4364.0.55.001Appendix22014-

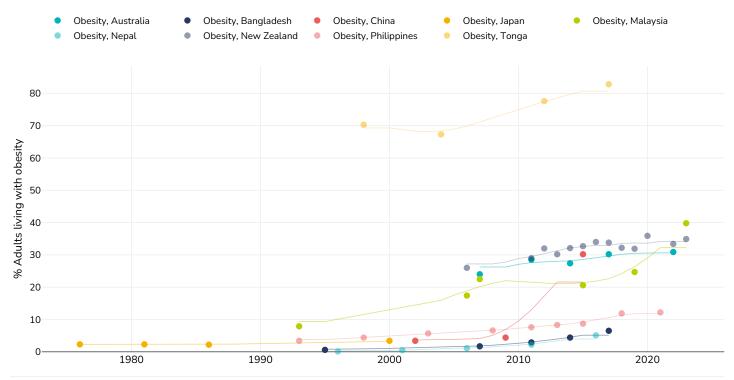
15?opendocument&tabname=Notes&prodno=4364.0.55.001&issue=2014-15&num=&view= (last accessed 27th September 2017) 2015: Li, Y., Teng, D., Shi, X., Teng, W., Shan, Z., Lai, Y. and China National Diabetes and Metabolic Disorders Study Group,



Nutrition. 1995; 1:1-9



#### 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: Ismail MN, Zawaih H, Chee SS, Ng KK. Prevalence of obesity and chronic energy deficiency (CED) in adult Malaysians. Malays J

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

1998: Data provided by the Philippean Depatment of Health, Dr C. Barbu, data reanalysed by Dr Charmaine Duante.
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2007;8:191-196.

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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

2011: Food and Nutrition Research Institute – Department of Science and Technology (FNRI-DOST). 2012. Philippine Nutrition Facts and Figures 2011. DOST Complex, FNRI Bldg., Bicutan, Taguig City, Metro Manila, Philippines. <a href="https://enutrition.fnri.dost.gov.ph/facts-and-figures.php?year=2011">https://enutrition.fnri.dost.gov.ph/facts-and-figures.php?year=2011</a> [Accessed 14.07.25]

2012: STEPS Survey Tonga 2012 available at <a href="https://www.who.int/ncds/surveillance/steps/2012\_Tonga\_STEPSReport.pdf">https://www.who.int/ncds/surveillance/steps/2012\_Tonga\_STEPSReport.pdf</a> (last accessed 04.05.2020)

 $\textbf{2013:} \ \underline{\text{http://www.health.govt.nz/publication/annual-update-key-results-2013-14-new-zealand-health-survey} \\$ 

2014: Australian National Health Survey, 2014-15 First Results. Australian Bureau of Statistics. http://www.abs.gov.au/ausstats/abs@.nsf/Latestproducts/4364.0.55.001Appendix22014-

15?opendocument&tabname=Notes&prodno=4364.0.55.001&issue=2014-15&num=&view= (last accessed 27th September 2017) 2015: Li, Y., Teng, D., Shi, X., Teng, X., Teng, W., Shan, Z., Lai, Y. and China National Diabetes and Metabolic Disorders Study Group,

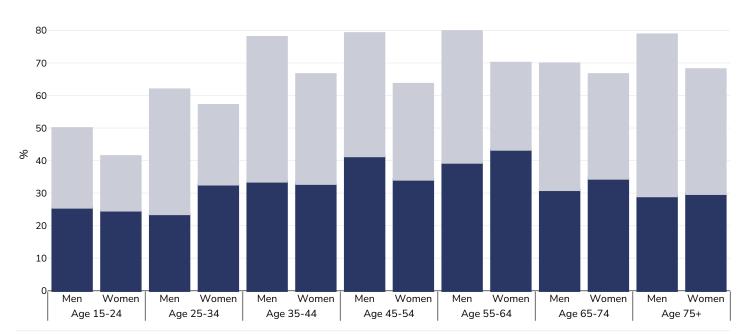




# Overweight/obesity by age

## Adults, 2023-2024



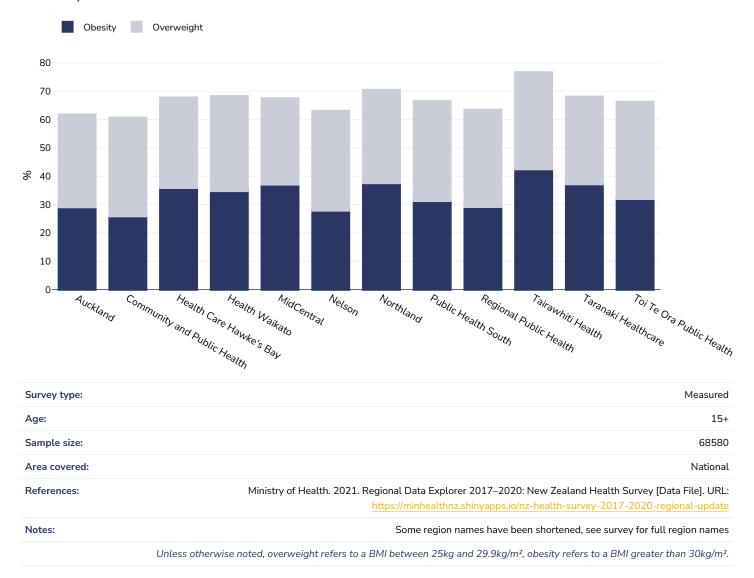


Survey type:	Measured
Sample size:	9719
Area covered:	National
References:	Annual Update of Key Results 2023/24: New Zealand Health Survey. <a href="https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey">https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey</a> [Last accessed 20.08.25]
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.



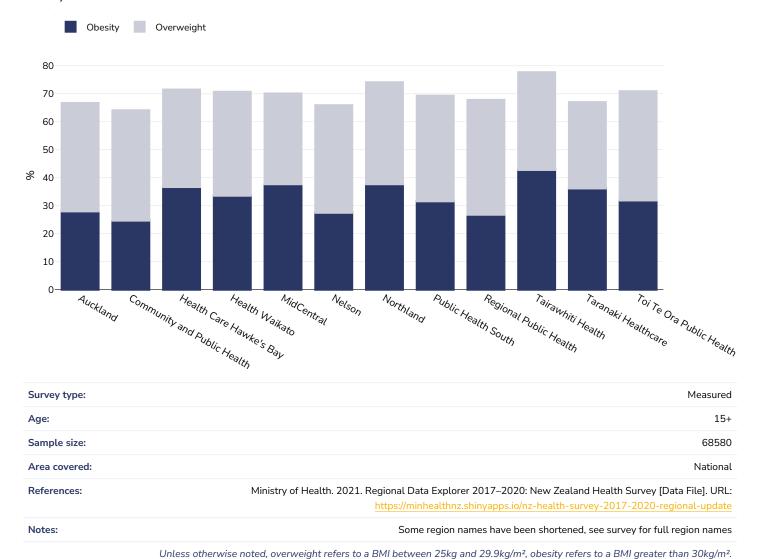
## Overweight/obesity by region

## Adults, 2017-2019



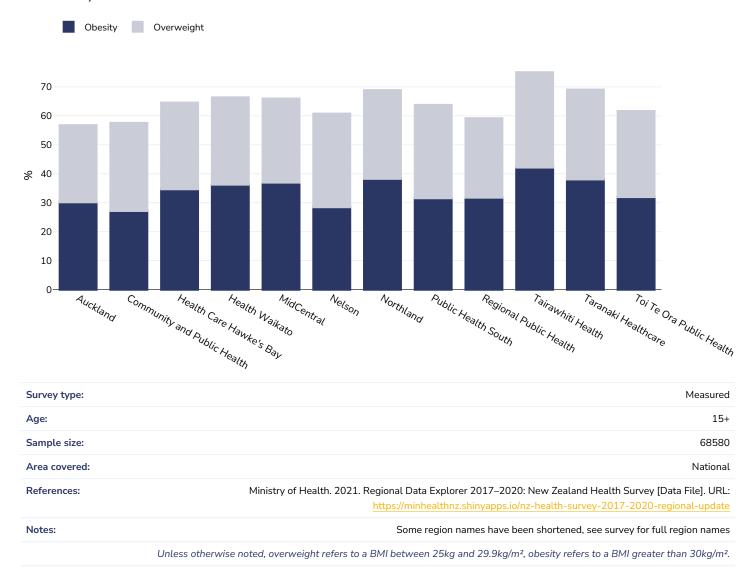


## Men, 2017-2019





## Women, 2017-2019

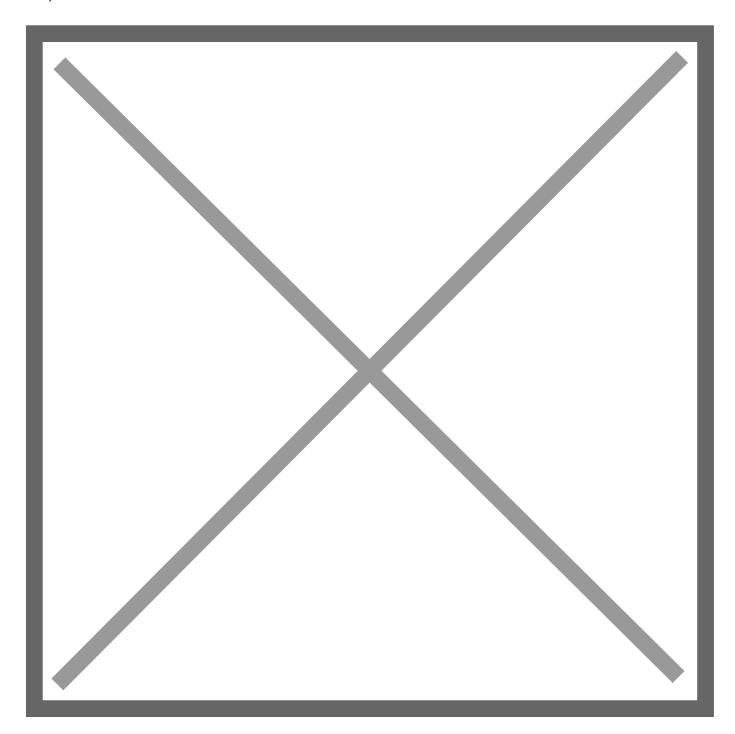




Overweight/obesity by socio-economic group



# Men, 2023-2024



Survey type:	Measured
Age:	15+
Sample size:	9719
Area covered:	National
References:	Annual Update of Key Results 2023/24: New Zealand Health Survey. <a href="https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey">https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey</a> [Last accessed 20.08.25]



Definitions:

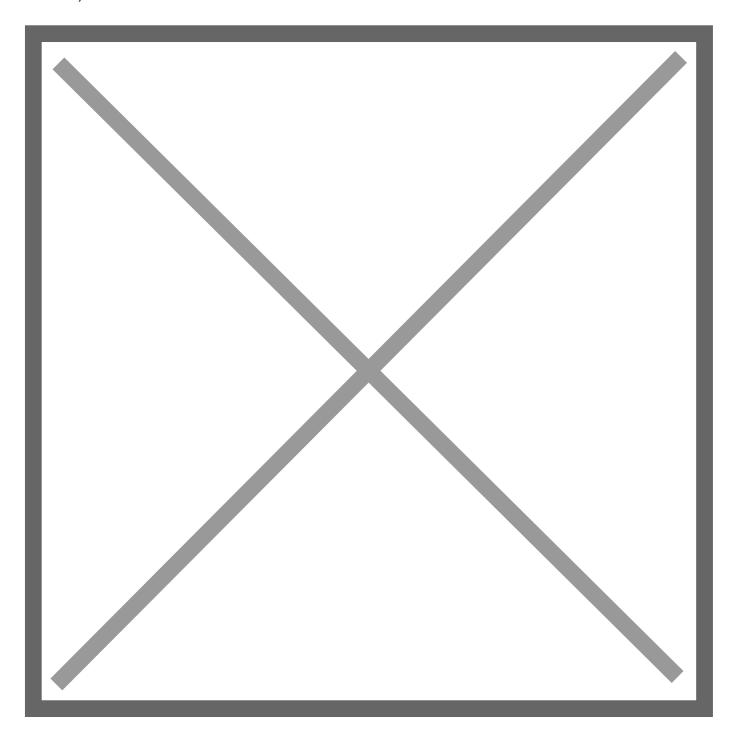
Overweight/Obesity based on standard WHO adult cut-offs except for 15-17 year olds where IOTF International cutoffs are used.

Neighbourhood deprivation

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



# Women, 2023-2024



Survey type:	Measured
Age:	15+
Sample size:	9719
Area covered:	National
References:	Annual Update of Key Results 2023/24: New Zealand Health Survey. <a href="https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey">https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey</a> [Last accessed 20.08.25]



Definitions:

Overweight/Obesity based on standard WHO adult cut-offs except for 15-17 year olds where IOTF International cutoffs are used.

Neighbourhood deprivation

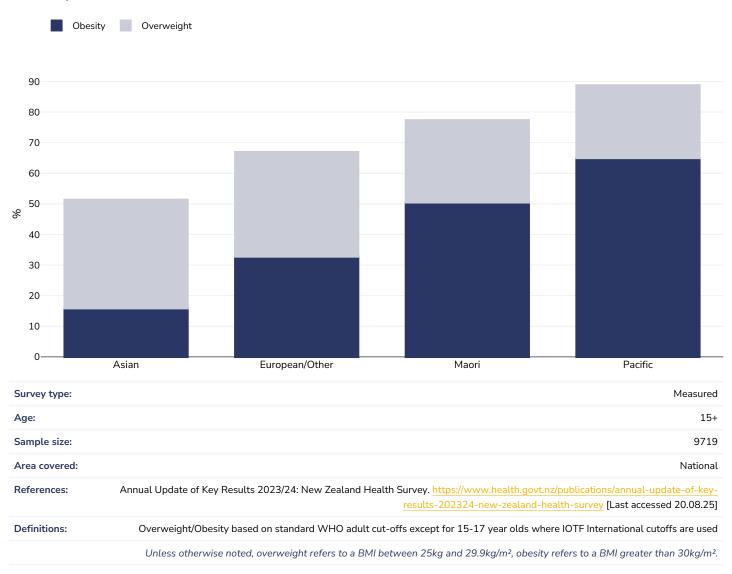
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



# Overweight/obesity by ethnicity

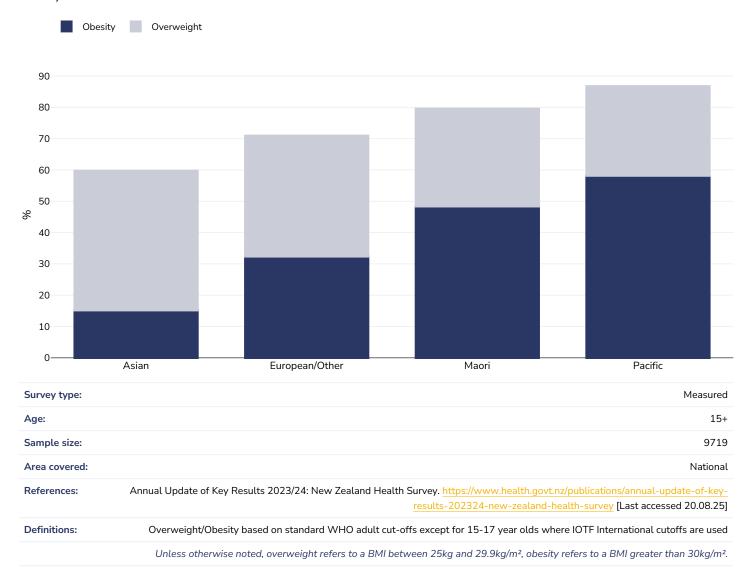
Ethnic groups are as defined by publication of origin and are not as defined by WOF. In some instances ethnicity is conflated with nationality and/or race.

## Adults, 2023-2024





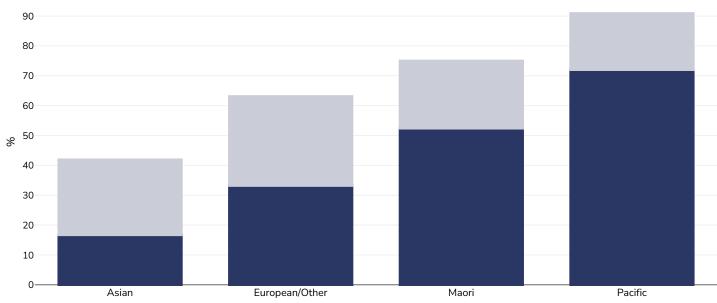
## Men, 2023-2024





# Women, 2023-2024



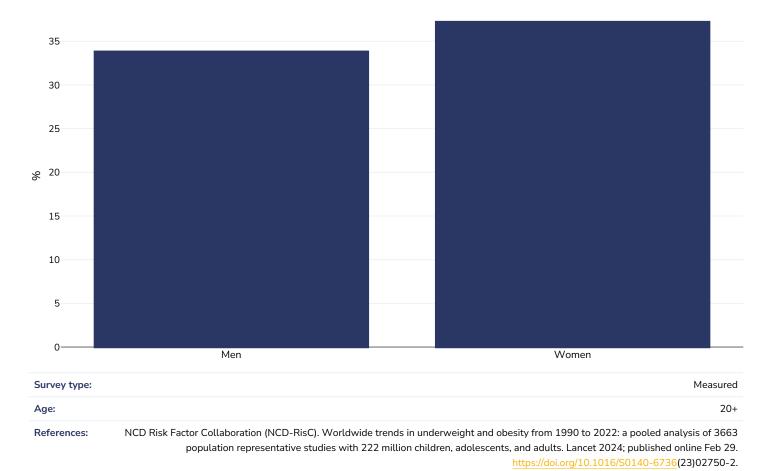


Survey type:	Measured
Age:	15+
Sample size:	9719
Area covered:	National
References:	Annual Update of Key Results 2023/24: New Zealand Health Survey. <a href="https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey">https://www.health.govt.nz/publications/annual-update-of-key-results-202324-new-zealand-health-survey</a> [Last accessed 20.08.25]
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



Notes: Age Standardised estimates

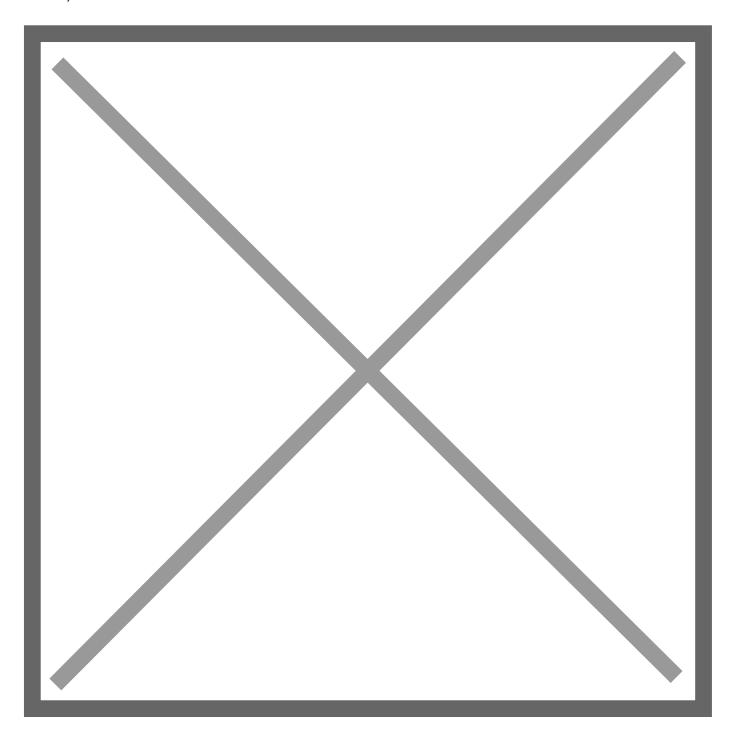
Definitions: Combined prevalence of BMI<18.5 kg/m² and BMI>=30 kg/m² (double burden of underweight and obesity)



Insufficient physical activity



# Adults, 2022



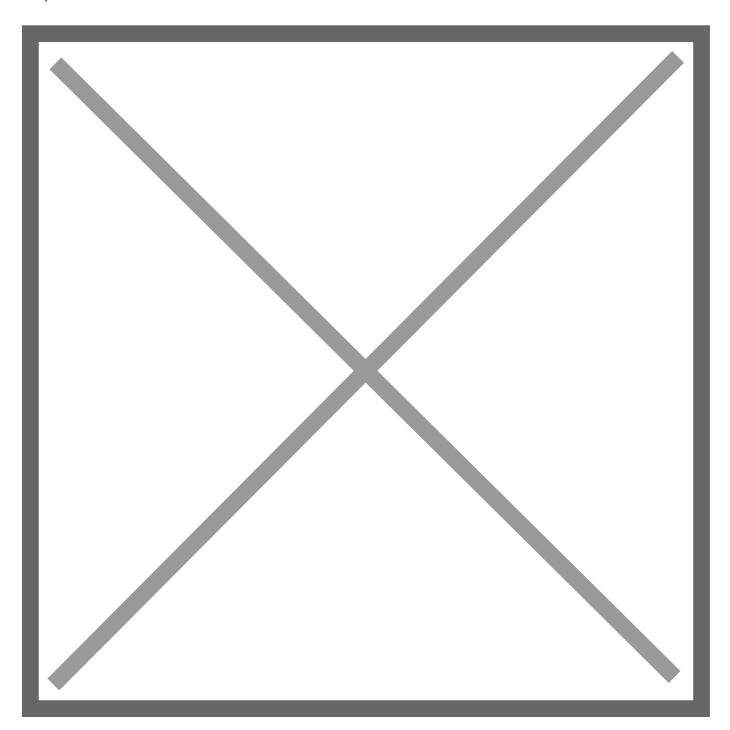
Survey type:	Self-reported
Age:	18+
Area covered:	National
References:	WHO (2024). Prevalence of insufficient physical activity among adults aged 18-years age-standardized estimate in 2022. Available at



Definitions:

Percent of population attaining less than 150 minutes of moderate-intensity physical activity per week, or less than 75 minutes of vigorous-intensity physical activity per week, or equivalent.





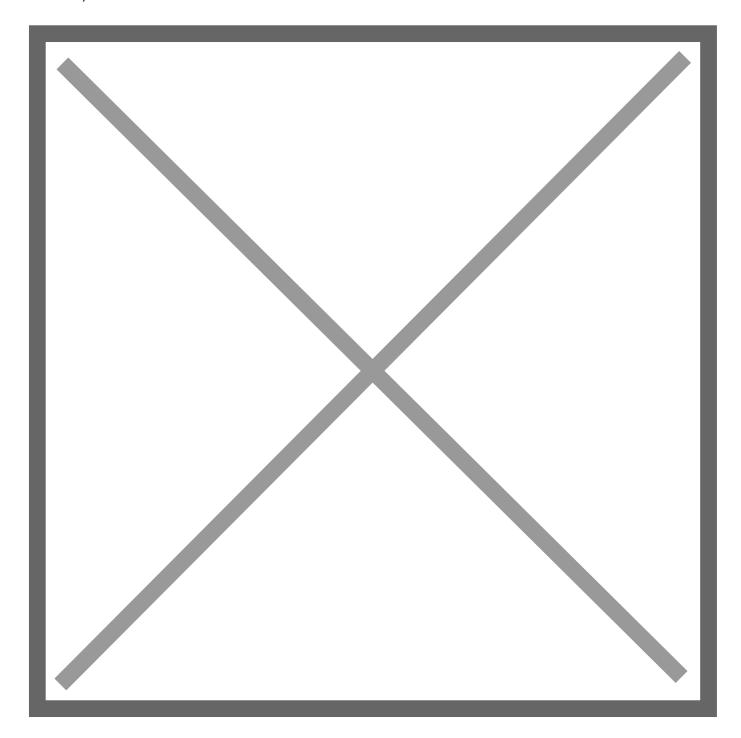
Survey type:	Self-reported
Age:	18+
Area covered:	National
References:	WHO (2024). Prevalence of insufficient physical activity among adults aged 18-years age-standardized estimate in 2022. Available at <a href="https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-among-adults-aged-18-years-">https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-among-adults-aged-18-years-</a> (age-standardized-estimate)-(-)



Definitions:

Percent of population attaining less than 150 minutes of moderate-intensity physical activity per week, or less than 75 minutes of vigorous-intensity physical activity per week, or equivalent.





Survey type:	Self-reported
Age:	18+
Area covered:	National
References:	WHO (2024). Prevalence of insufficient physical activity among adults aged 18-years age-standardized estimate in 2022. Available at <a href="https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-among-adults-aged-18-years-">https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-among-adults-aged-18-years-</a> (age-standardized-estimate)-(-)



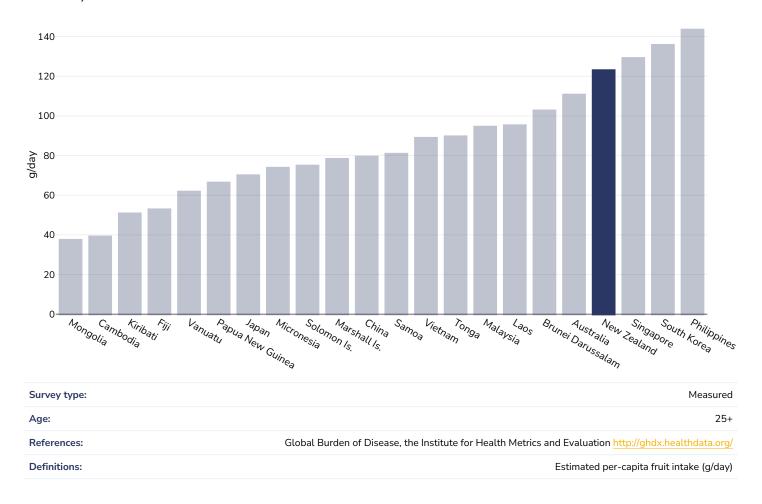
Definitions:

Percent of population attaining less than 150 minutes of moderate-intensity physical activity per week, or less than 75 minutes of vigorous-intensity physical activity per week, or equivalent.



## Estimated per capita fruit intake

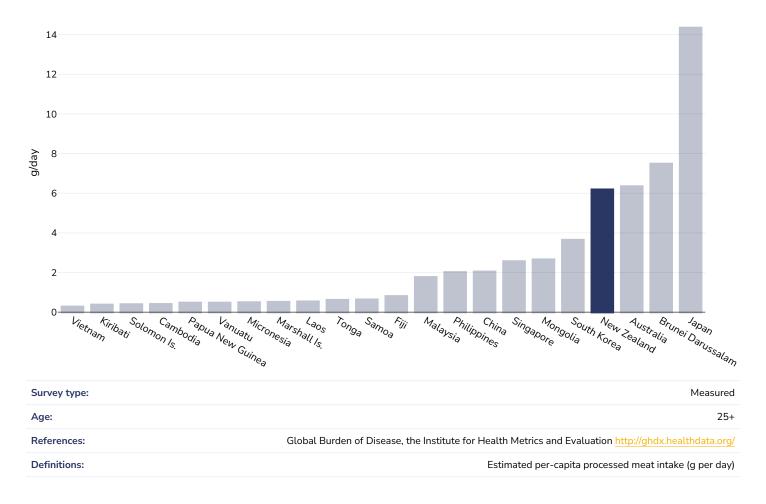
### Adults, 2017





## Estimated per-capita processed meat intake

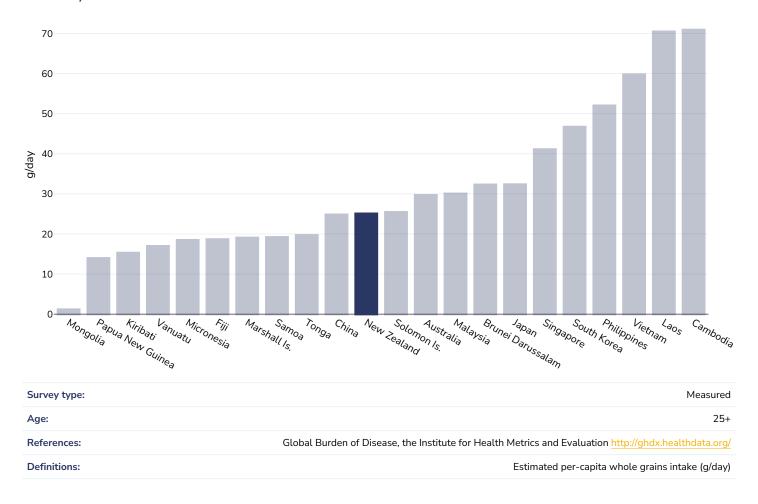
### Adults, 2017





## Estimated per capita whole grains intake

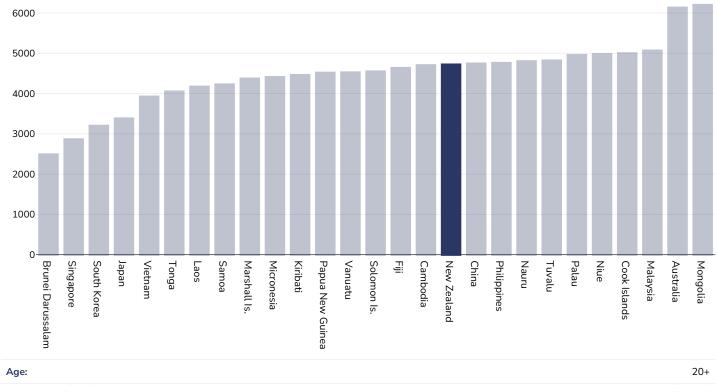
### Adults, 2017





## Mental health - depression disorders

### Adults, 2021



Area covered: National

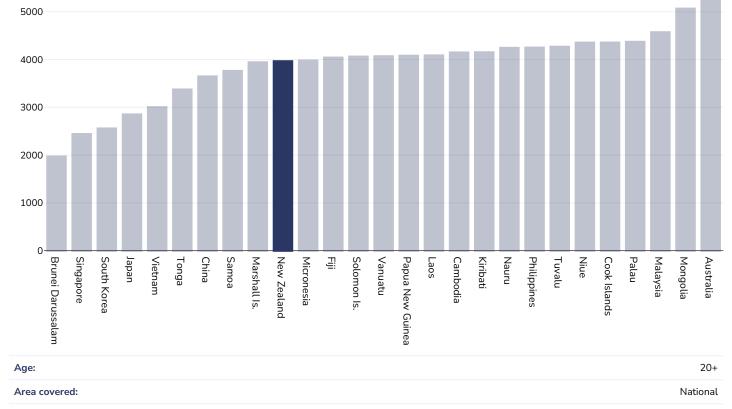
References:

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

**Definitions:** 

Number living with depression per 100,000 population (adults 20+ years)





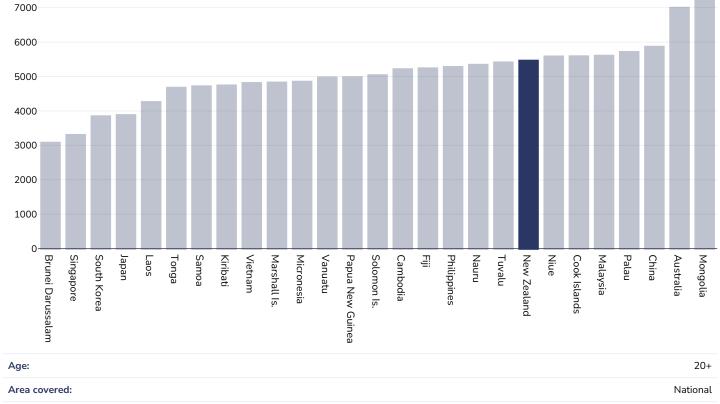
References:

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 depression per 100,000 population (adults 20+ years)





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)

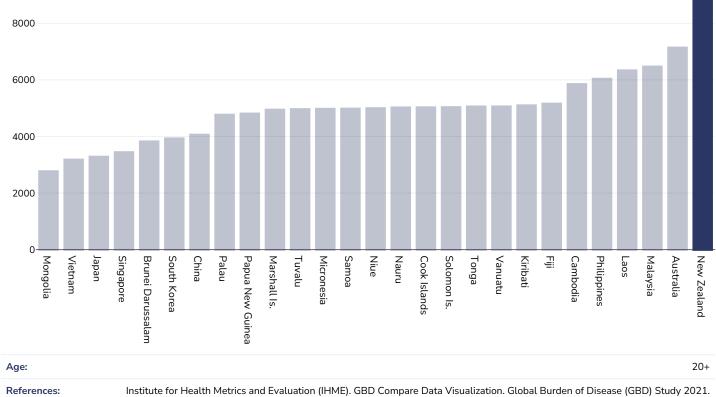
Definitions:

Number living with depression per 100,000 population (adults 20+ years)



## Mental health - anxiety disorders

### Adults, 2021



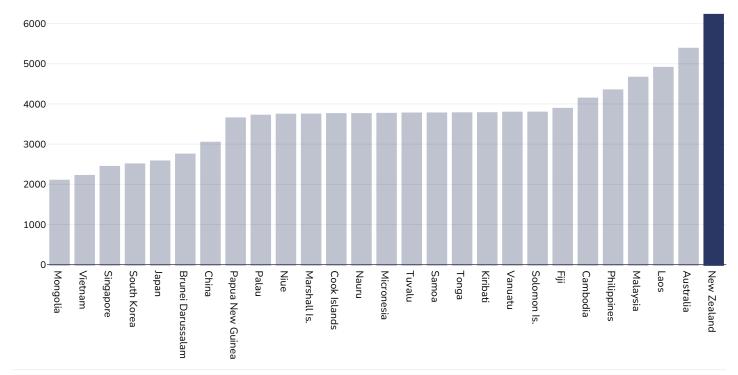
References:

Seattle, WA: IHME, University of Washington, 2023. Available from http://vizhub.healthdata.org/gbd-compare. (Last accessed 23.04.25).

**Definitions:** 

Number living with anxiety per 100,000 population





Age: 20+

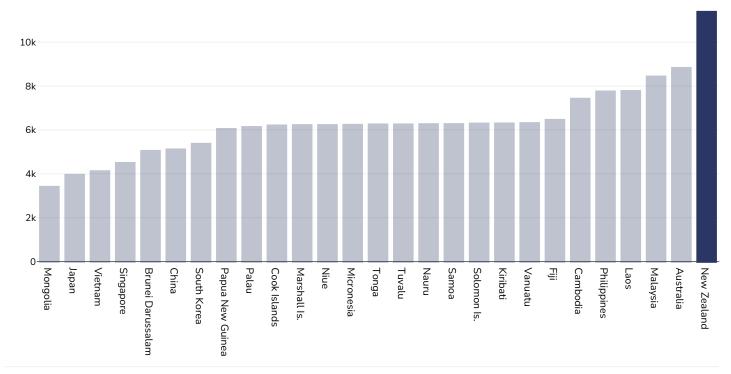
References:

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





Age: 20+

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).

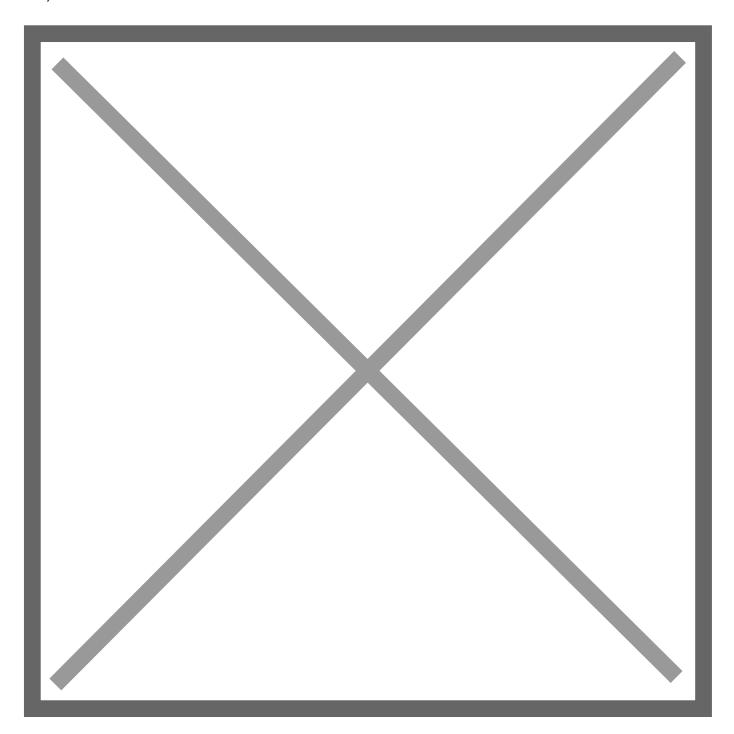
Definitions:

Number living with anxiety per 100,000 population



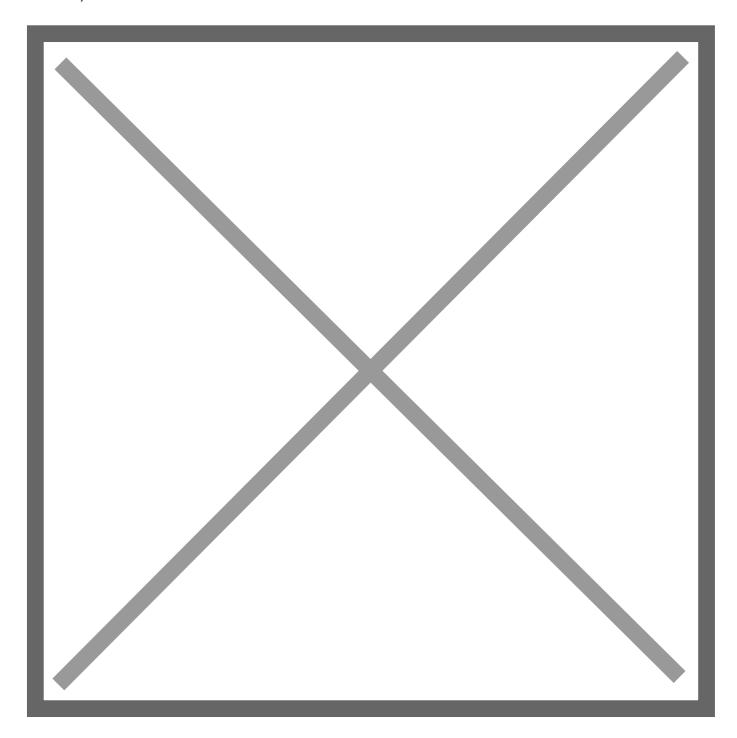
# Oesophageal cancer





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:	Indicence per 100 000



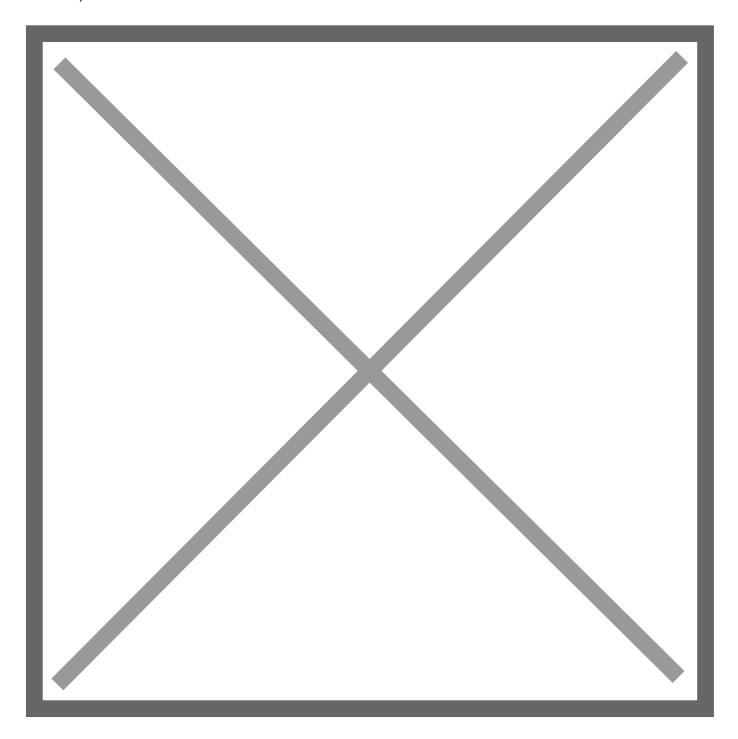


Age:	20+
Area covered:	National
References:	Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024).Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24]
Definitions:	Indicence per 100,000



### **Breast cancer**



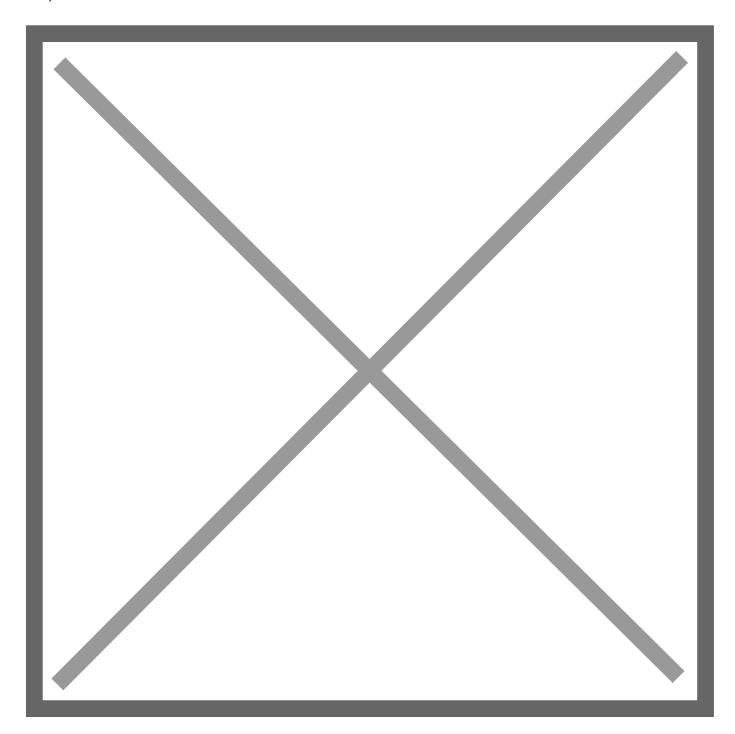


Area covered:	National
References:	Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024).Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24]
Definitions:	Incidence per 100,000



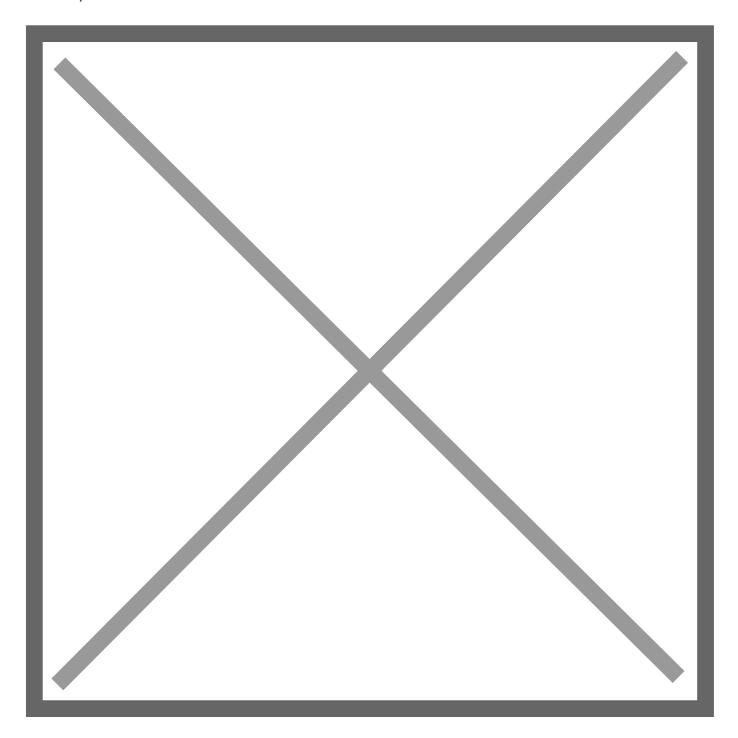
## **Colorectal cancer**





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 per 100,000



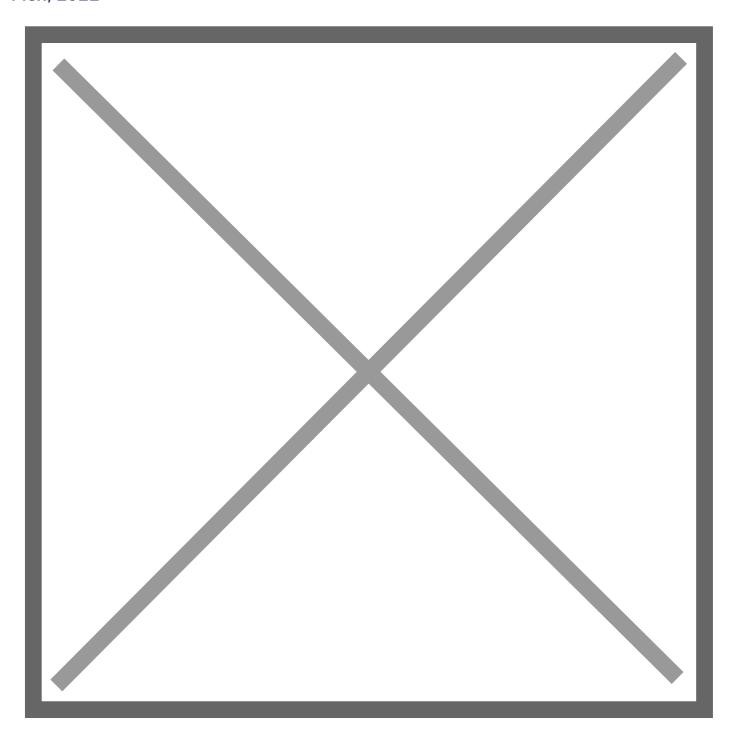


Age:	20+
Area covered:	National
References:	Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024).Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24]
Definitions:	Incidence per 100.000



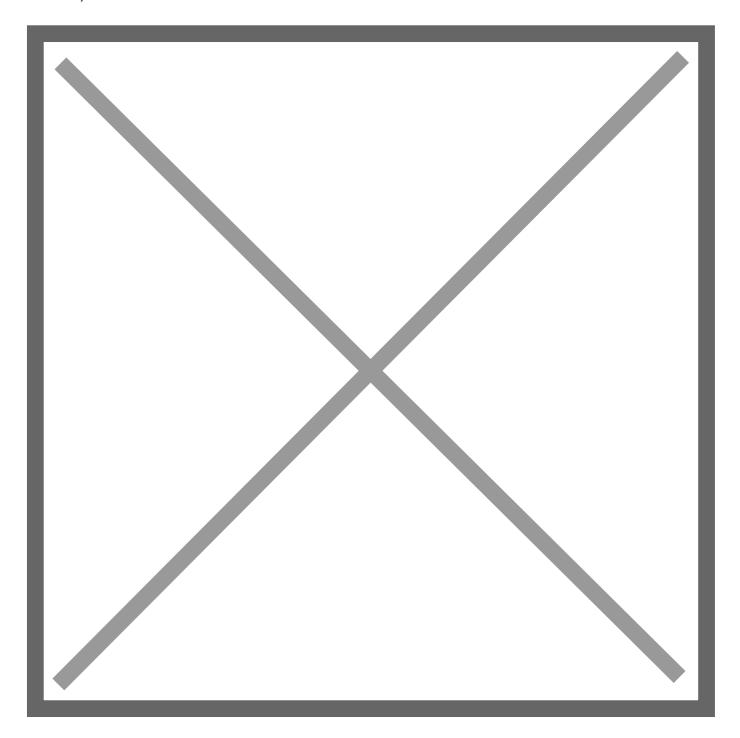
# Pancreatic cancer





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 per 100,000



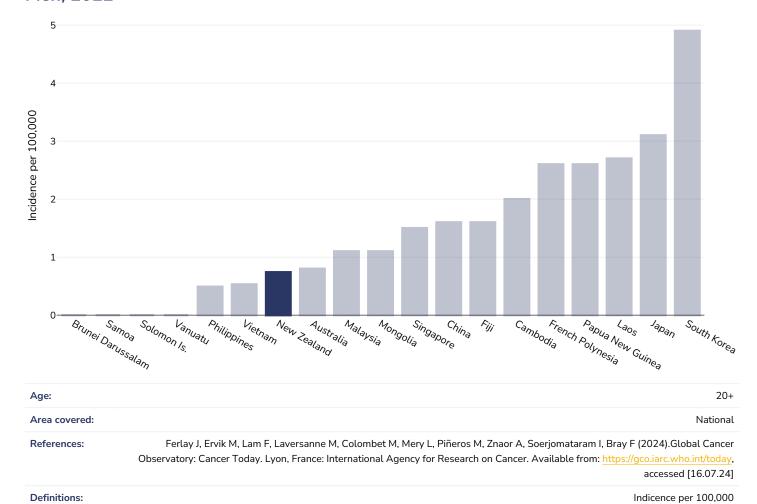


Age:	20+
Area covered:	National
References:	Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024).Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24]
Definitions:	Incidence per 100.000

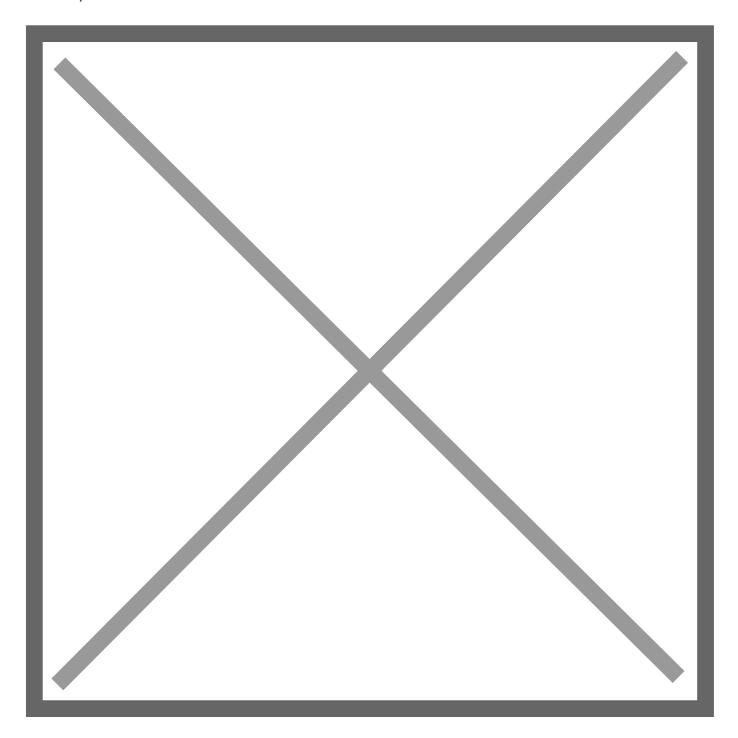


### Gallbladder cancer

### Men, 2022





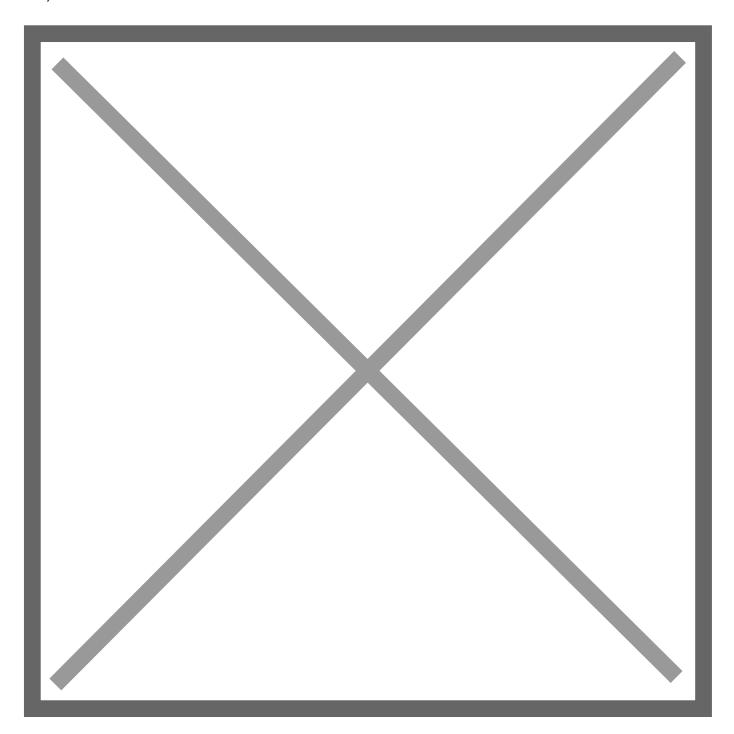


Age:	20+
Area covered:	National
References:	Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024).Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24]
Definitions:	Indicence per 100.000



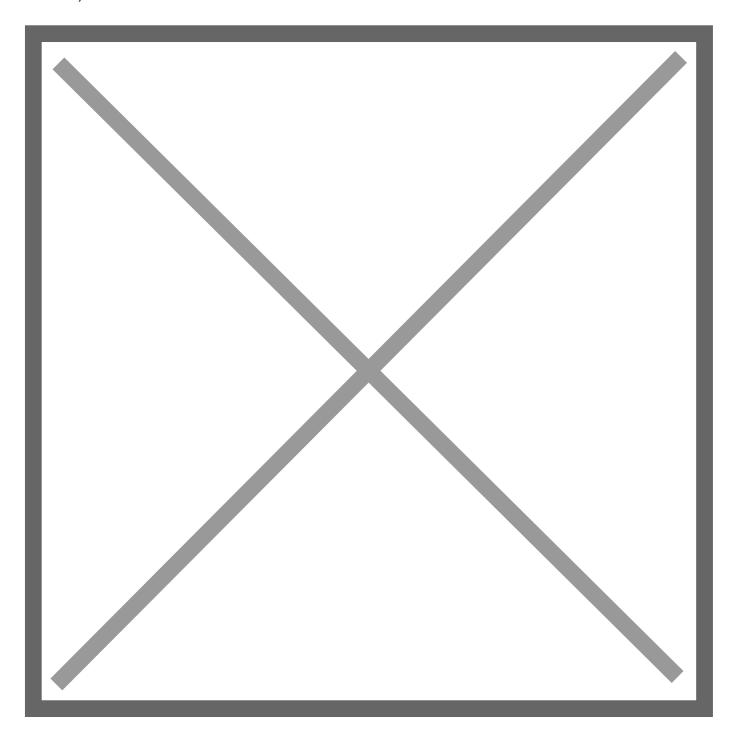
# Kidney cancer





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 per 100,000



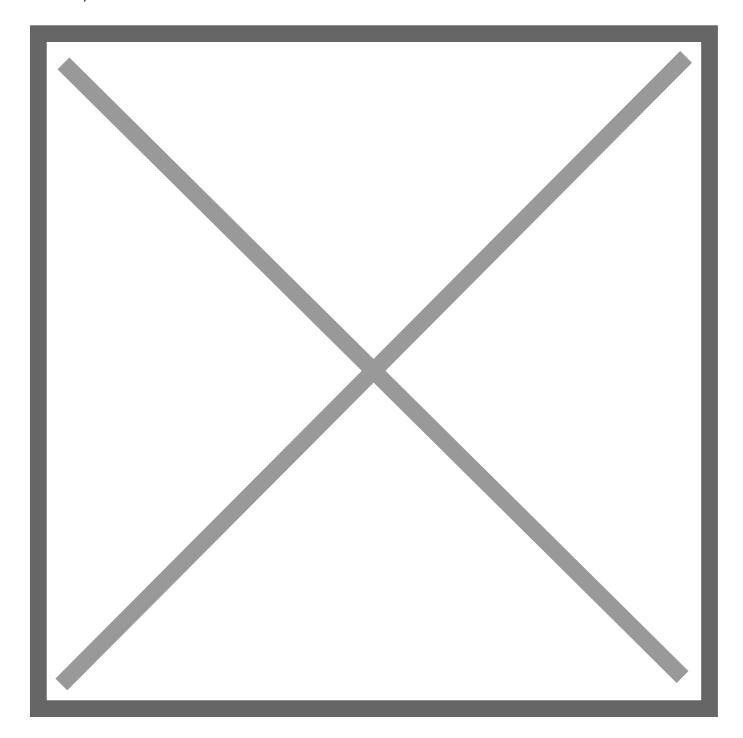


Age:	20+
Area covered:	National
References:	Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024).Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24]
Definitions:	Incidence per 100,000



## **Cancer of the uterus**





Age: 20+

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,

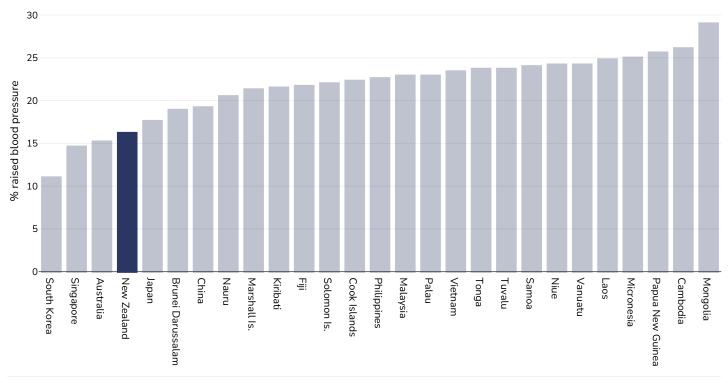
accessed [16.07.24]

Definitions: Incidence per 100,000



## Raised blood pressure

### Adults, 2015



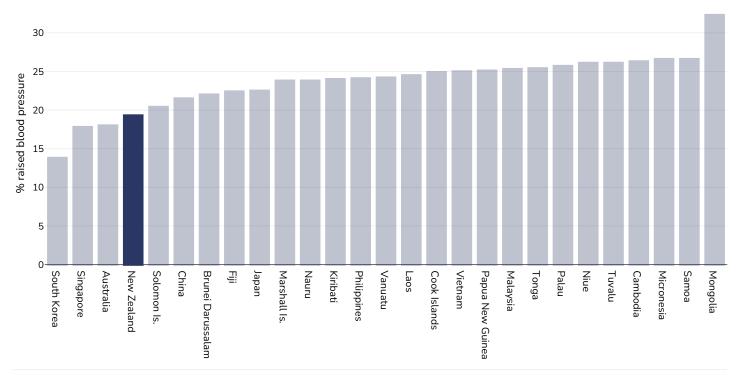
References:

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).





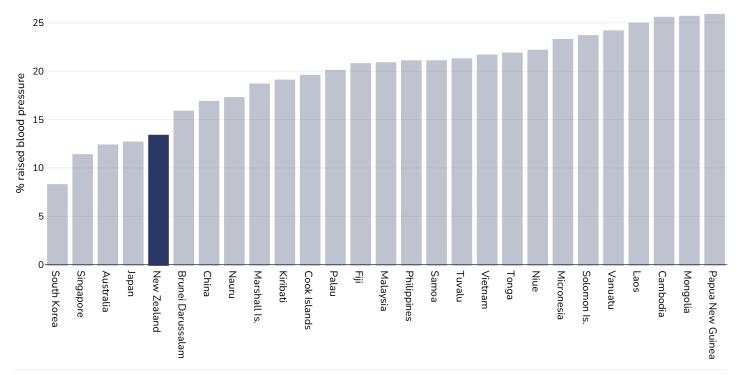
References:

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

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

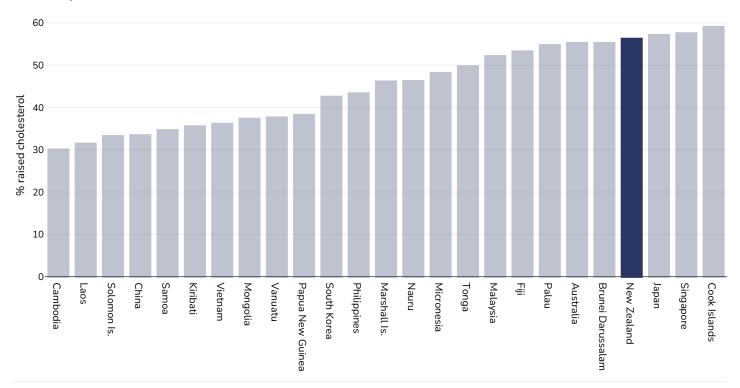
Definitions:

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



### Raised cholesterol

### Adults, 2008



References:

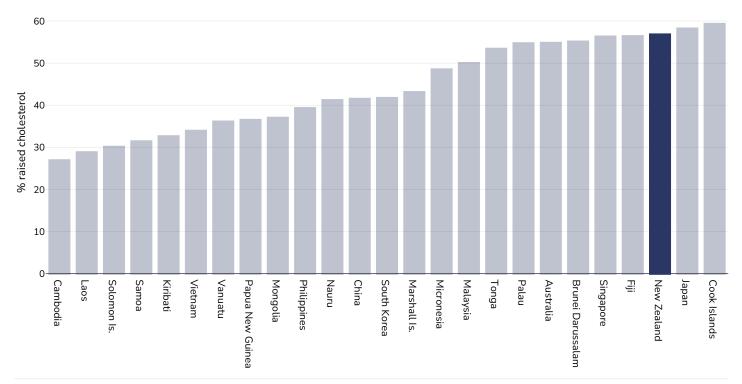
Global Health Observatory data repository, World Health Organisation, <a href="http://apps.who.int/gho/data/node.main.A885">http://apps.who.int/gho/data/node.main.A885</a>

Definitions:

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



### Men, 2008



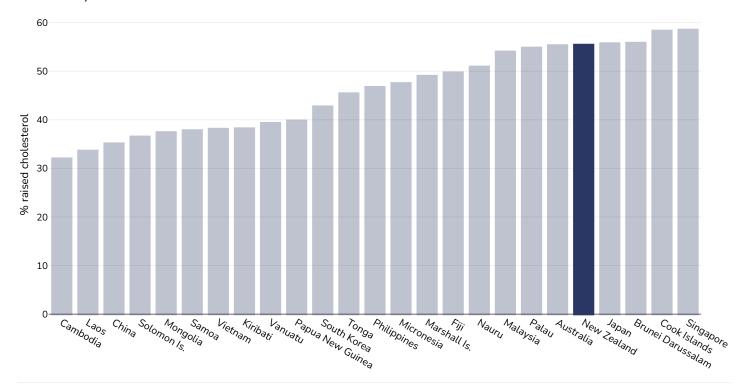
References:

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

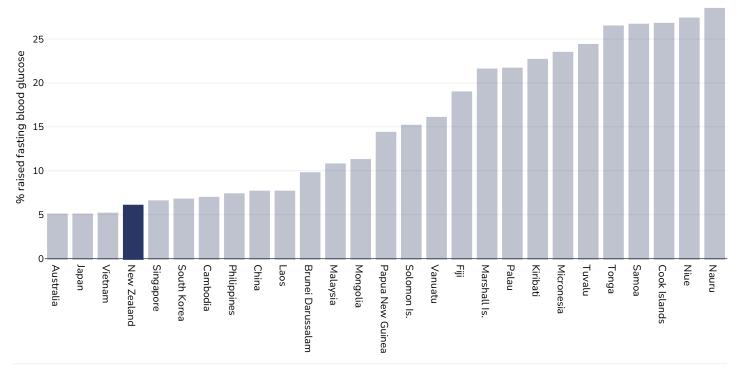
Definitions:

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



# Raised fasting blood glucose

### Men, 2014



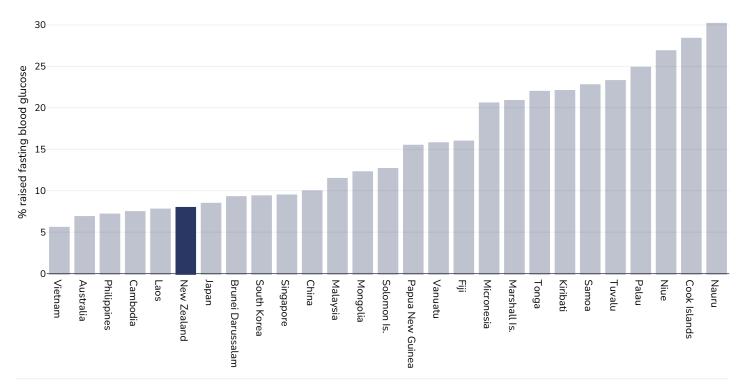
References:

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 mmol/L or on medication).





References:

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

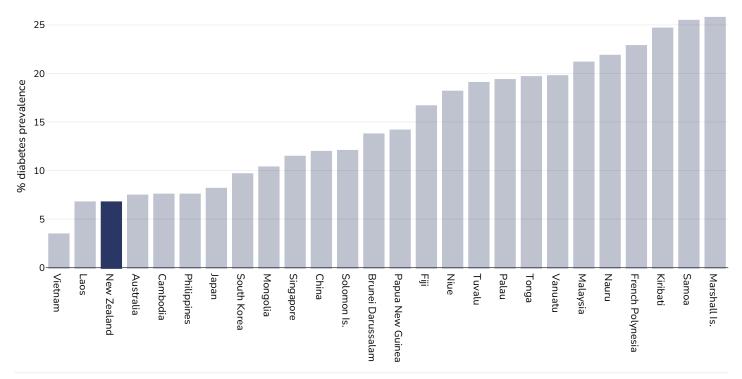
Definitions:

Age Standardised % raised fasting blood glucose ( $\geq$  7.0 mmol/L or on medication).



# Diabetes prevalence

### Adults, 2024



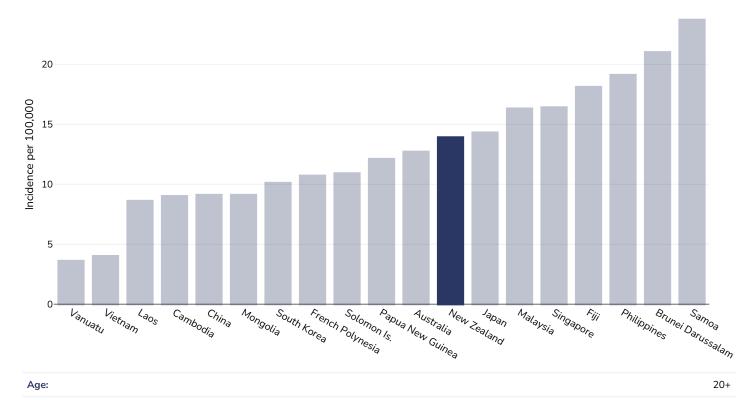
References:

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



### **Ovarian Cancer**

#### Women, 2022



References:

**Definitions:** 

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]

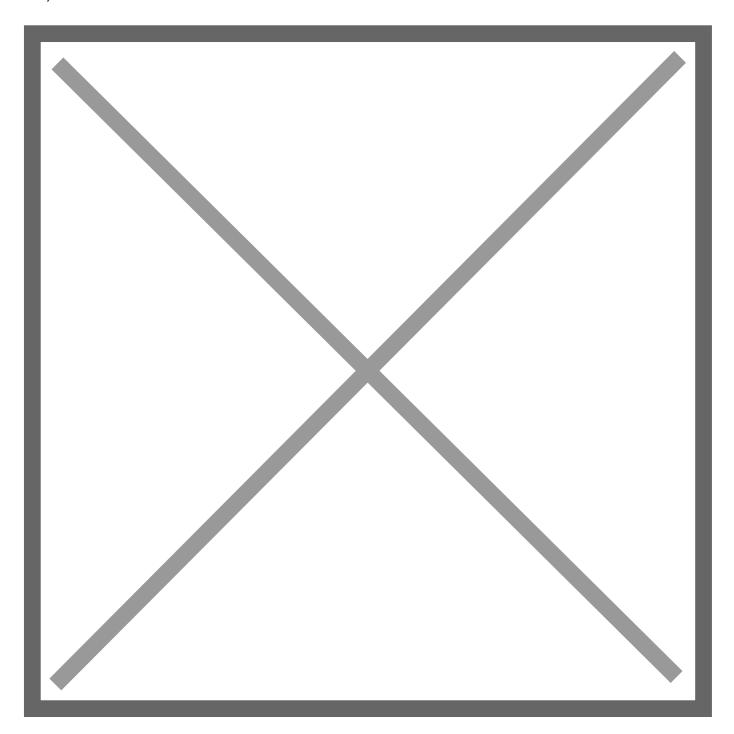
Incidence per 100,000



# Leukemia



# Men, 2022

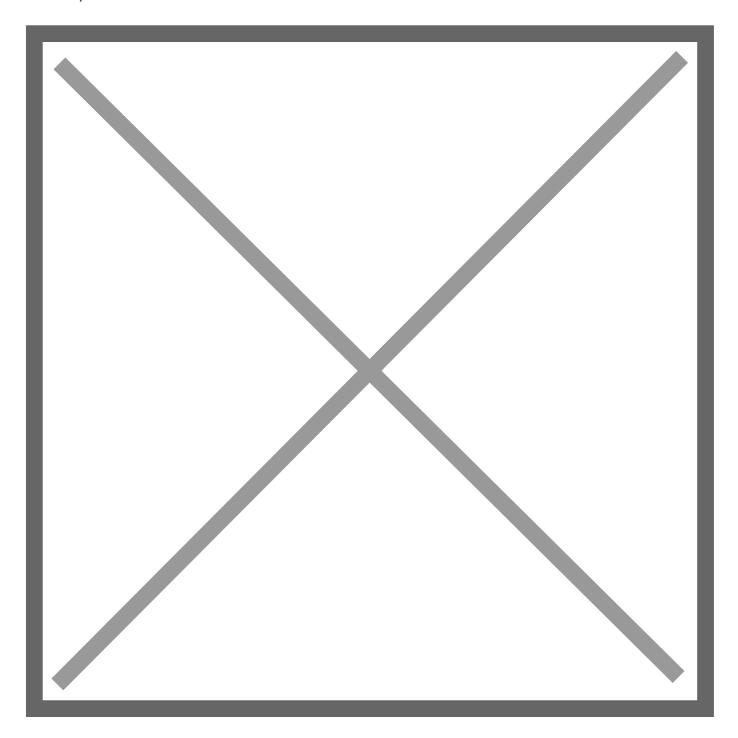


Age:	20+
Area covered:	National
References:	Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024).Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24]
Definitions:	Incidence per 100 000



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





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 per 100.000

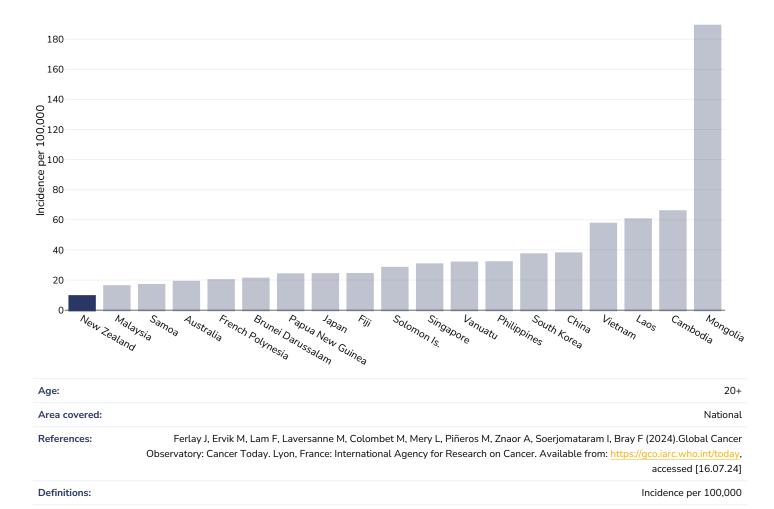


 $Unless \ otherwise \ noted, overweight \ refers \ to \ a \ BMI \ between \ 25kg \ and \ 29.9kg/m^2, obesity \ refers \ to \ a \ BMI \ greater \ than \ 30kg/m^2.$ 

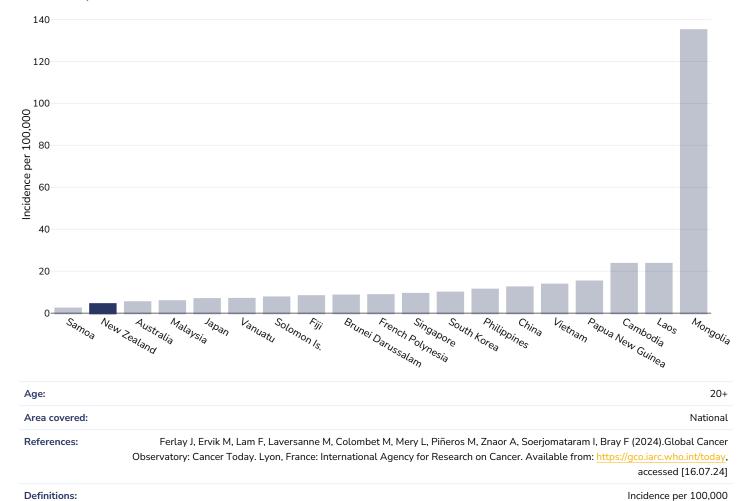


# Liver and intrahepatic bile duct Cancer

#### Men, 2022



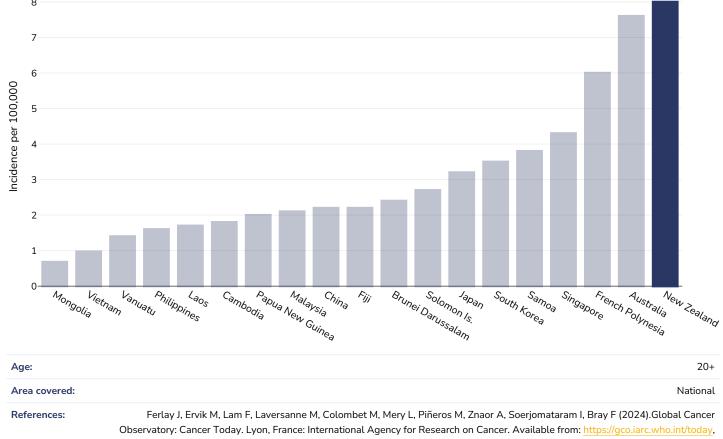






## Multiple Myeloma

#### Men, 2022



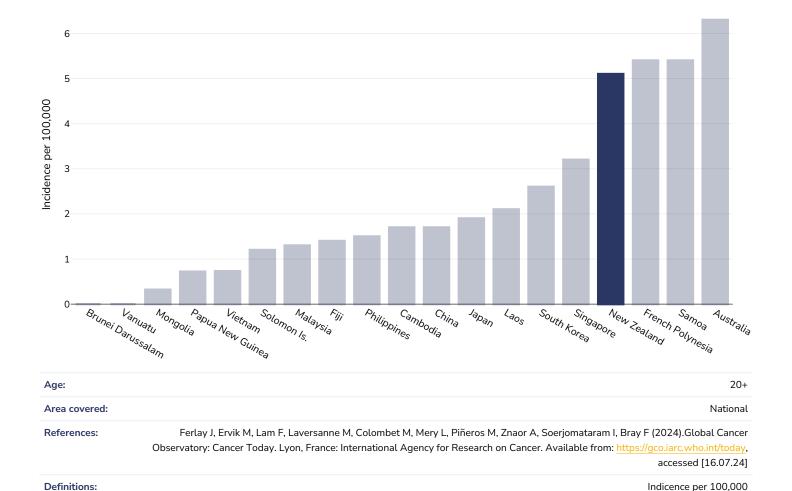
accessed [16.07.24]

**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.



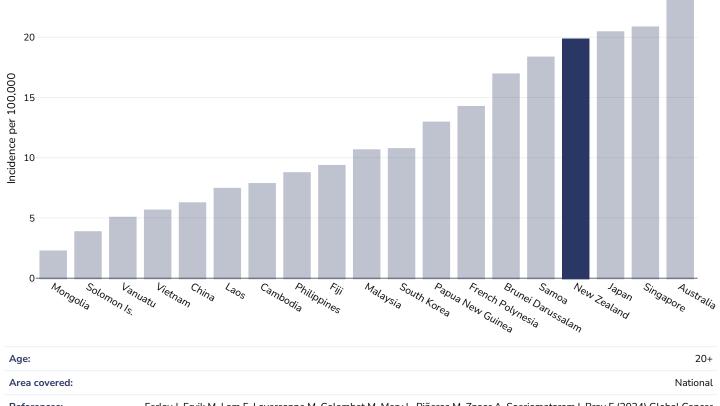


 $Unless \ otherwise \ noted, overweight \ refers \ to \ a \ BMI \ between \ 25kg \ and \ 29.9kg/m^2, obesity \ refers \ to \ a \ BMI \ greater \ than \ 30kg/m^2.$ 



## Non Hodgkin Lymphoma

#### Men, 2022



References:

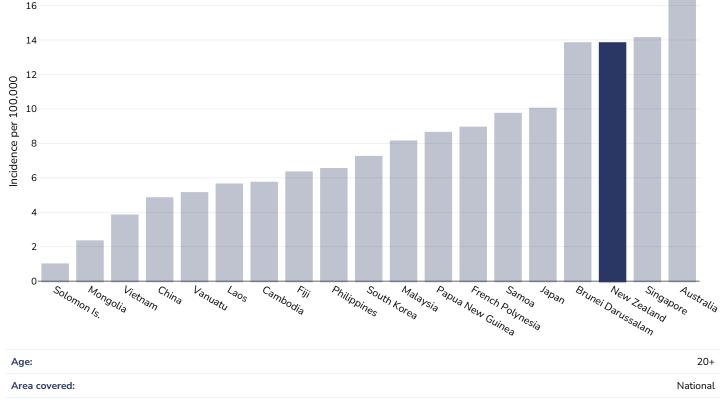
Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: https://gco.iarc.who.int/today, accessed [16.07.24]

**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.





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]

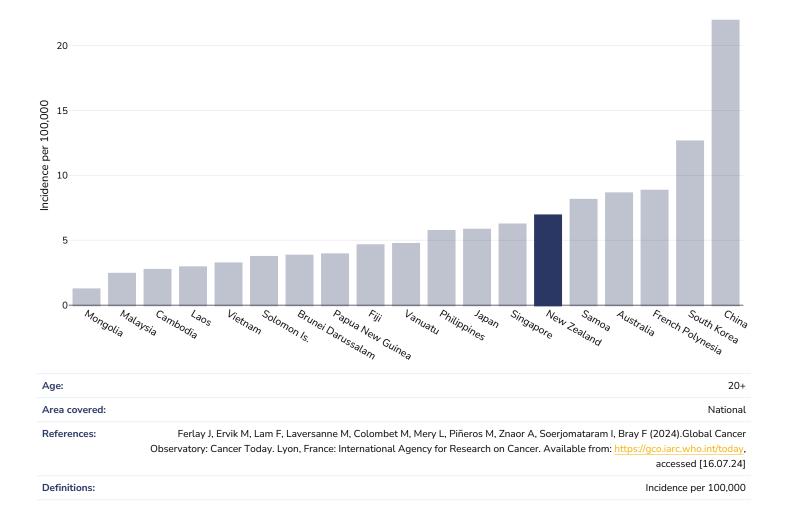
**Definitions:** Incidence per 100,000

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

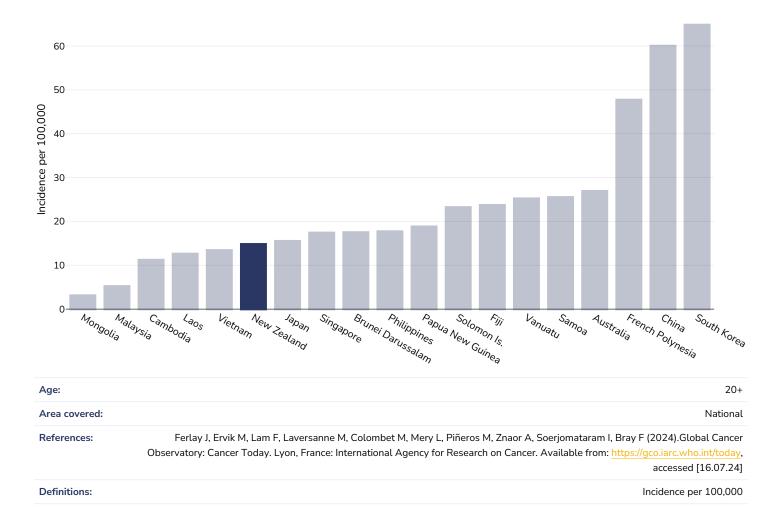


## **Thyroid Cancer**

#### Men, 2022







PDF created on August 20, 2025