

# Report card

## China

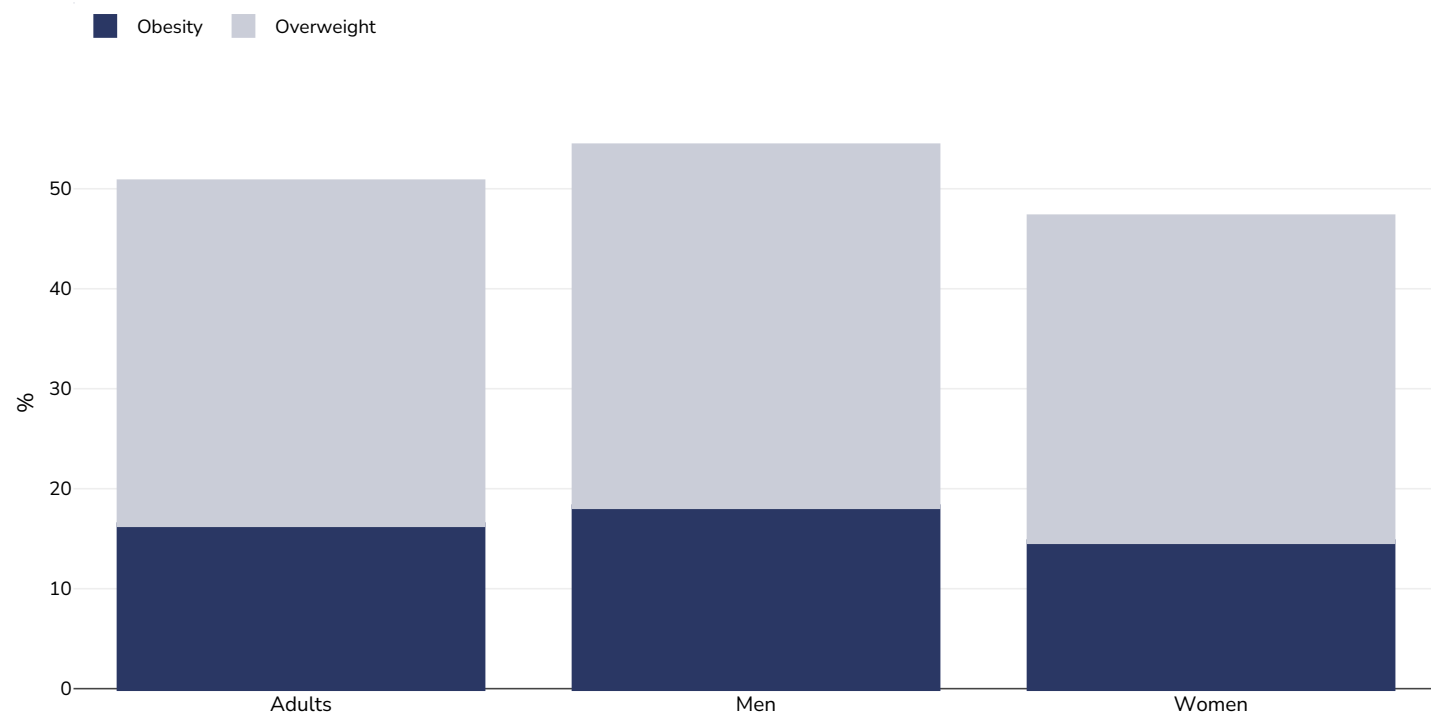
### Upper-middle income

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## Obesity prevalence

### Adults, 2018-2019



Survey type: Measured

Age: 18+

Sample size: 155413

Area covered: National

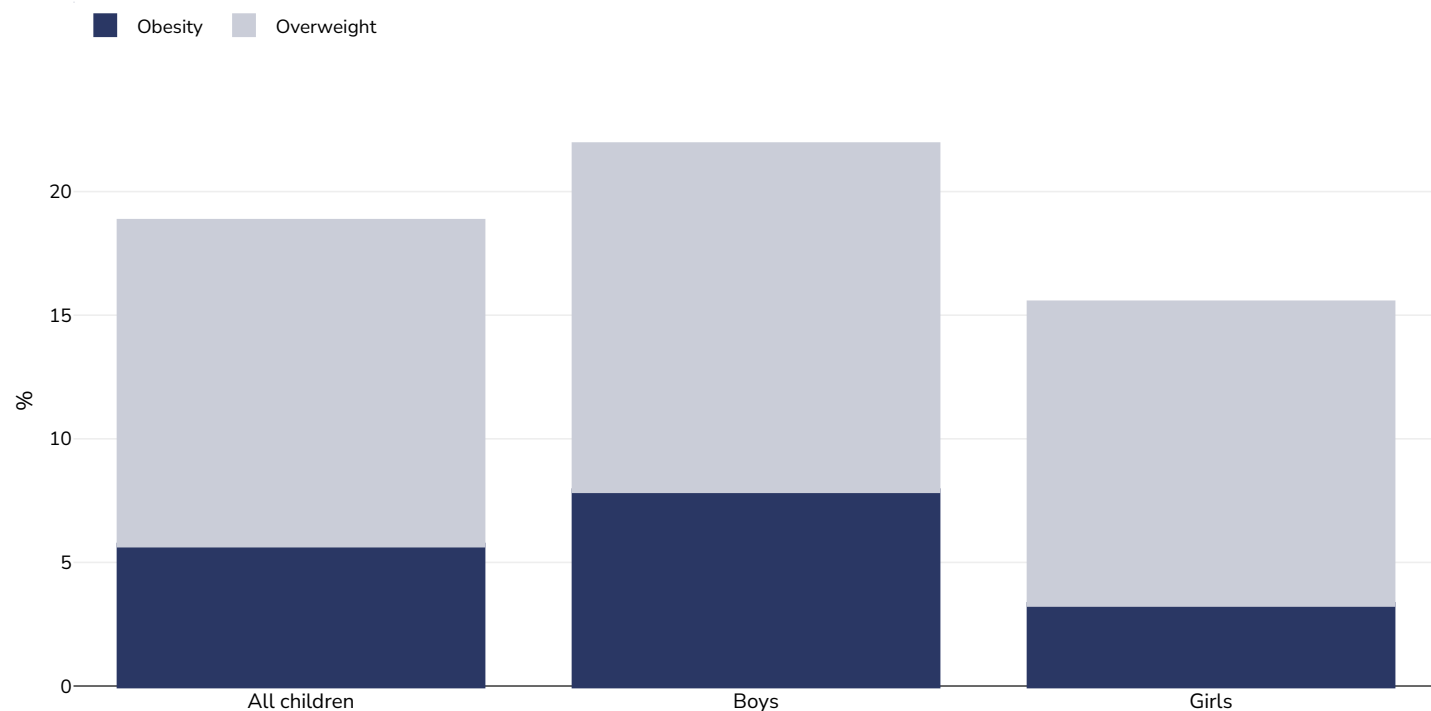
References: Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43.  
DOI: 10.1016/j.lanwpc.2023.100809

Notes: Chinese Cut Offs applied

Definitions: Overweight BMI  $\geq 24$ – $<28$  Kg/m<sup>2</sup> Obesity BMI  $\geq 28$  Kg/m<sup>2</sup>

*Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.*

## Children, 2015



Survey type:	Measured
Age:	7-18
Sample size:	1617
Area covered:	National
References:	Zhang J, Wang H, Wang Z, Du W, Su C, Zhang J, Jiang H, Jia X, Huang F, Ouyang Y, Wang Y, Zhang B. Prevalence and stabilizing trends in overweight and obesity among children and adolescents in China, 2011-2015. BMC Public Health. 2018 May 2;18(1):571. doi: 10.1186/s12889-018-5483-9.
Definitions:	IOTF International Cut off. WHO & WGOC also available in paper.
Cutoffs:	IOTF

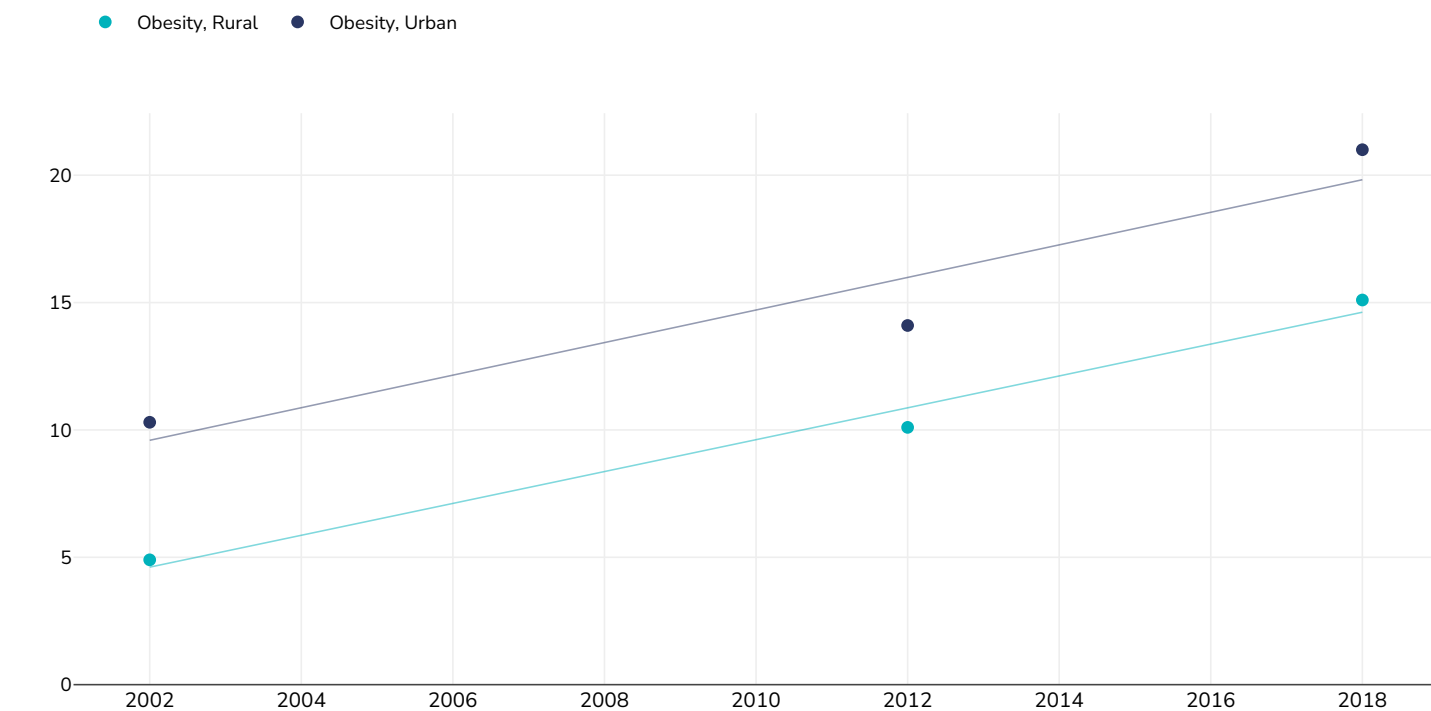
## 0-5 years, 2016-2017



Survey type:	Measured
Age:	0-5
Area covered:	National
References:	Other: China Nutrition and Health Surveillance of Children and Lactating Women 2016–2017
Notes:	UNICEF/WHO/World Bank Joint Child Malnutrition Estimates Expanded Database: Overweight (Survey Estimates), May 2023, New York. For more information about the methodology, please consult <a href="https://data.unicef.org/resources/jme-2023-country-consultations/">https://data.unicef.org/resources/jme-2023-country-consultations/</a> Percentage of children under 5 years of age falling above 2 standard deviations (moderate and severe) from the median weight-for-height of the reference population.
Definitions:	=>+2SD

## % Adults living with obesity, 2002-2019

### Men



Survey  
type:

Measured

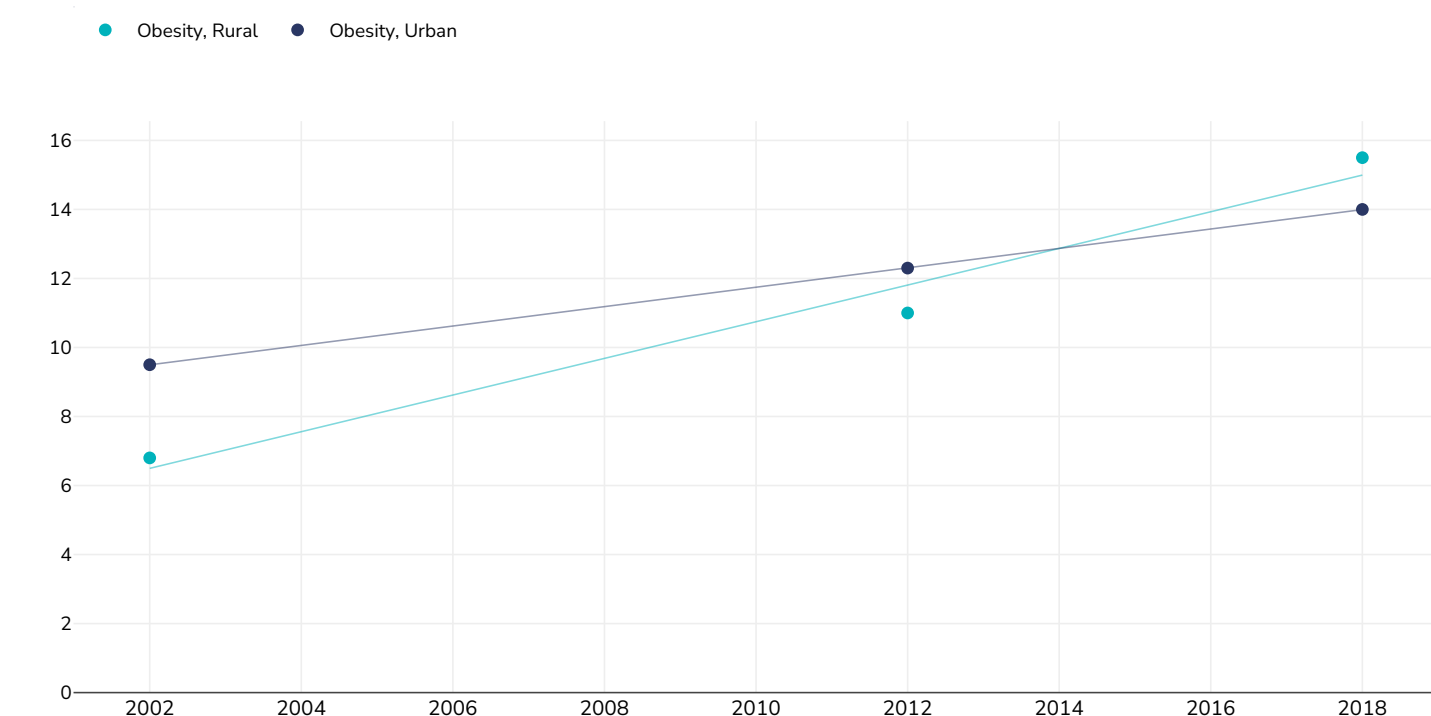
References: Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43. DOI: 10.1016/j.lanwpc.2023.100809  
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Definitions:

Overweight BMI  $\geq 24$ – $<28$  Kg/m<sup>2</sup> Obesity BMI  $\geq 28$  Kg/m<sup>2</sup>

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

## Women



Survey  
type:

Measured

References: Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43. DOI: 10.1016/j.lanwpc.2023.100809

Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43. DOI: 10.1016/j.lanwpc.2023.100809

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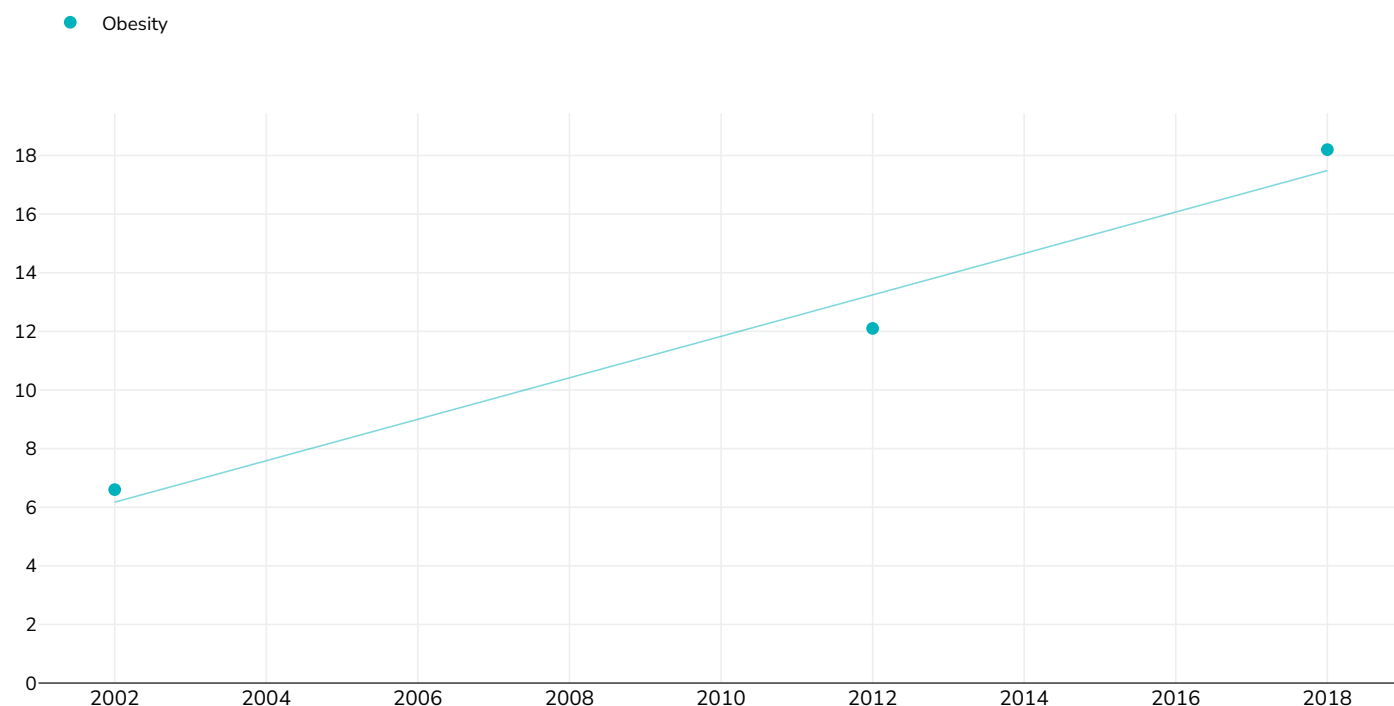
Definitions:

Overweight BMI  $\geq 24$ – $< 28$  Kg/m<sup>2</sup> Obesity BMI  $\geq 28$  Kg/m<sup>2</sup>

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

## % Adults living with obesity, 2002-2019

### Men



References: Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43. DOI: 10.1016/j.lanwpc.2023.100809

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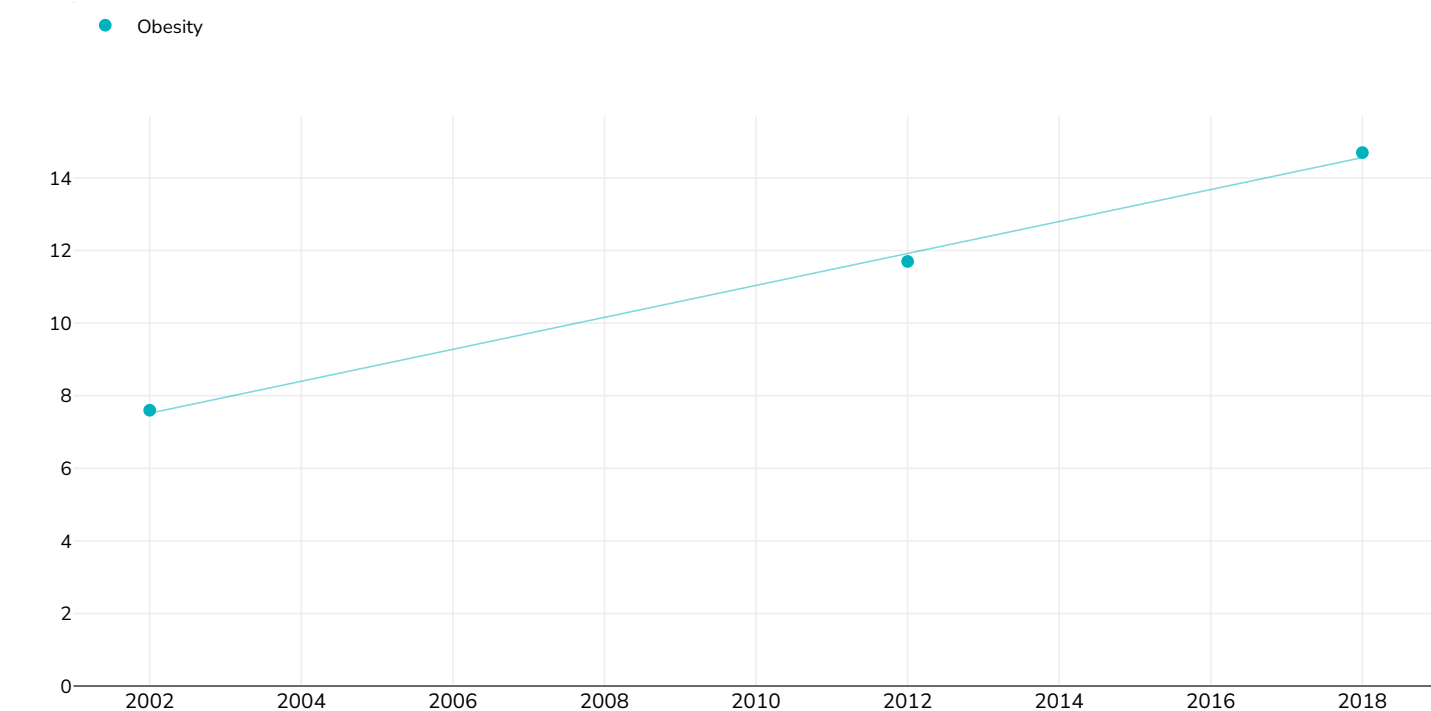
Definitions: Overweight BMI  $\geq 24$ – $< 28$  Kg/m<sup>2</sup> Obesity BMI  $\geq 28$  Kg/m<sup>2</sup>

*Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.*

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



## Women



References: Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43. DOI: 10.1016/j.lanwpc.2023.100809

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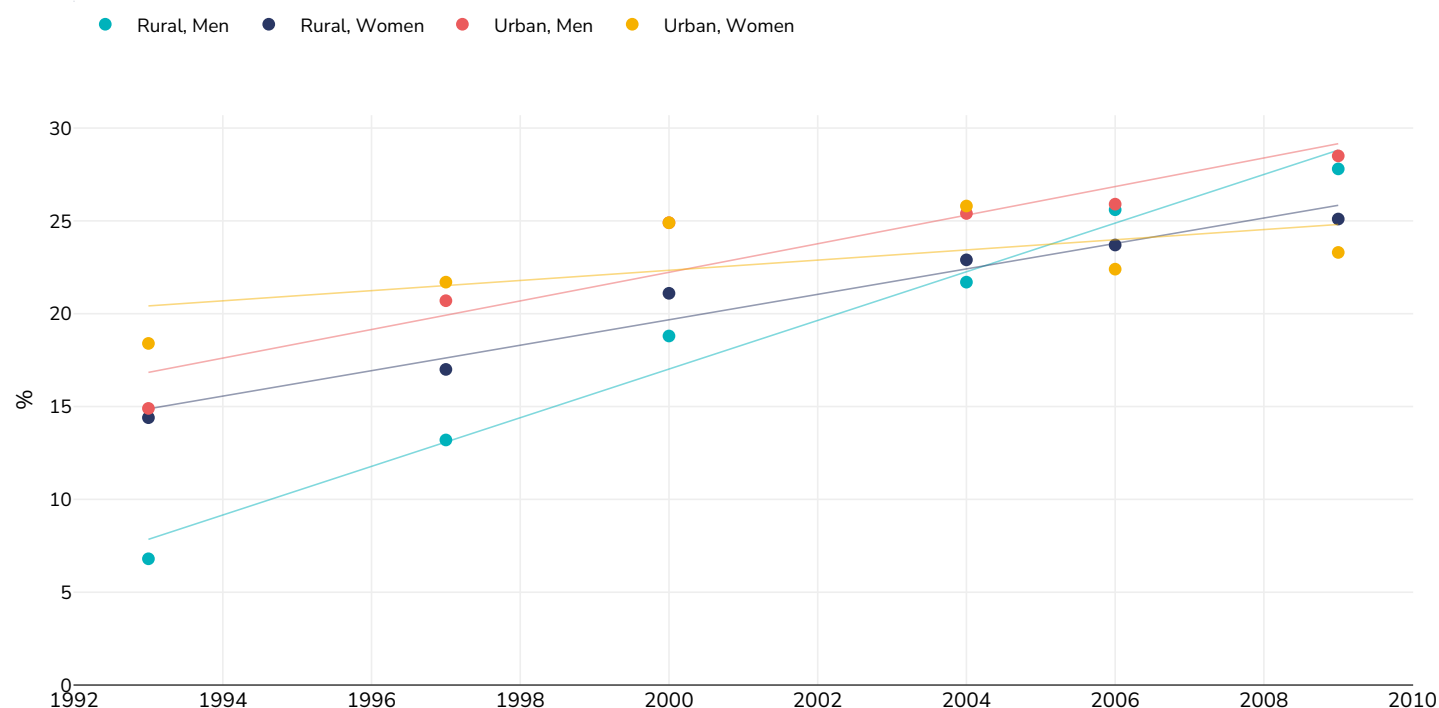
Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43. DOI: 10.1016/j.lanwpc.2023.100809

Definitions: Overweight BMI  $\geq 24$ – $<28$  Kg/m<sup>2</sup> Obesity BMI  $\geq 28$  Kg/m<sup>2</sup>

Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.

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

## % Adults living with overweight or obesity by urbanisation in China 1993-2009



Survey  
type:

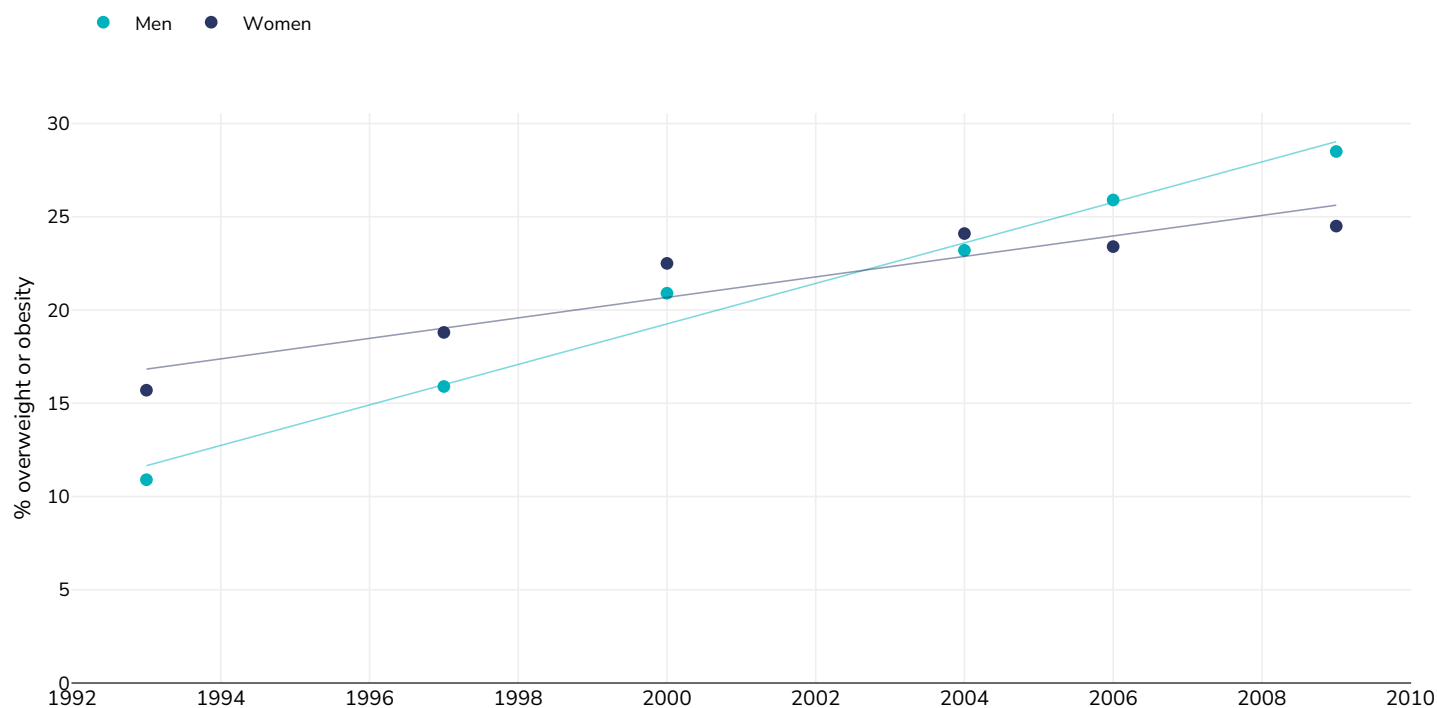
Measured

References: Xi, B., Liang, Y., He, T., Reilly, K. H., Hu, Y., Wang, Q., Yan, Y. and Mi, J. (2012), Secular trends in the prevalence of general and abdominal obesity among Chinese adults, 1993-2009. *Obesity Reviews*, 13: 287-296. doi: 10.1111/j.1467-789X.2011.00944.x

*Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.*

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

## % Adults living with overweight or obesity in China 1993-2009



Survey  
type:

Measured

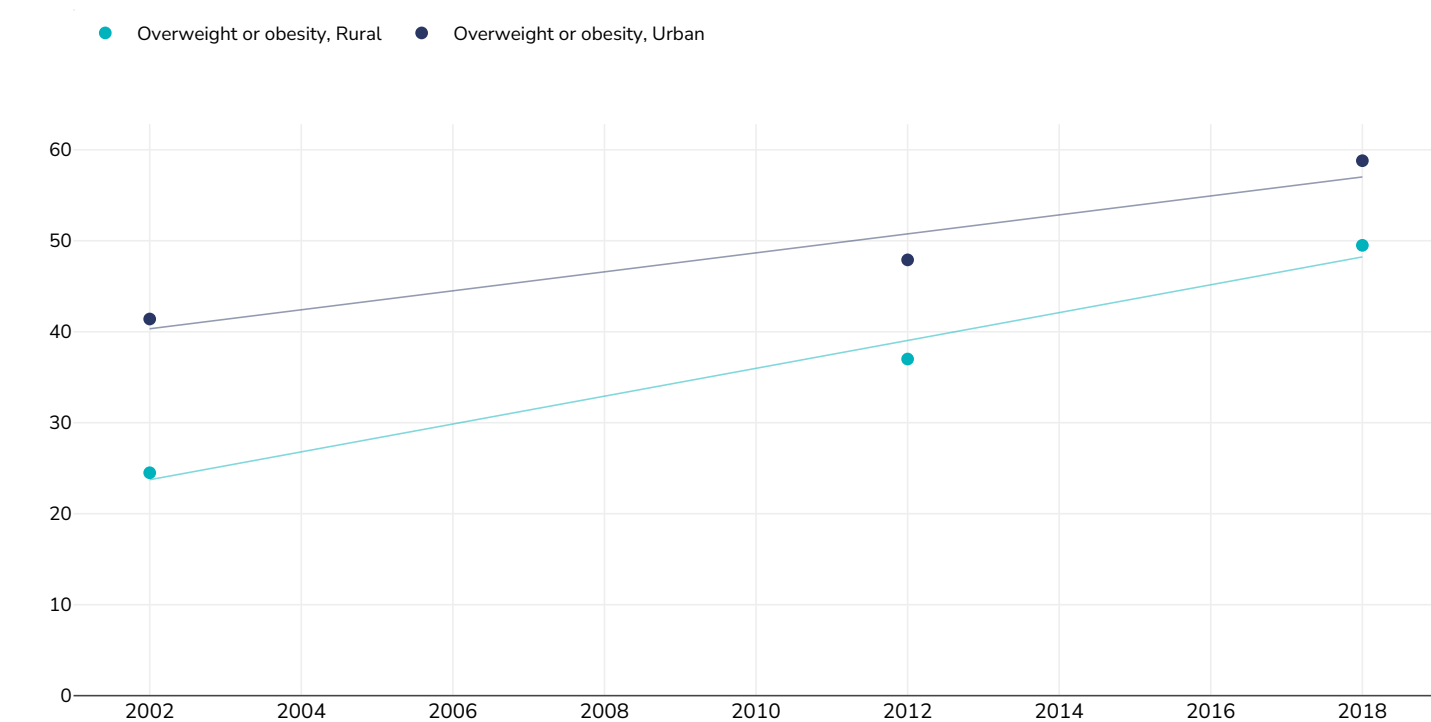
References: Xi, B., Liang, Y., He, T., Reilly, K. H., Hu, Y., Wang, Q., Yan, Y. and Mi, J. (2012), Secular trends in the prevalence of general and abdominal obesity among Chinese adults, 1993-2009. *Obesity Reviews*, 13: 287-296. doi: 10.1111/j.1467-789X.2011.00944.x

*Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.*

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

## % Adults living with overweight or obesity, 2002-2019

### Men



Survey  
type:

Measured

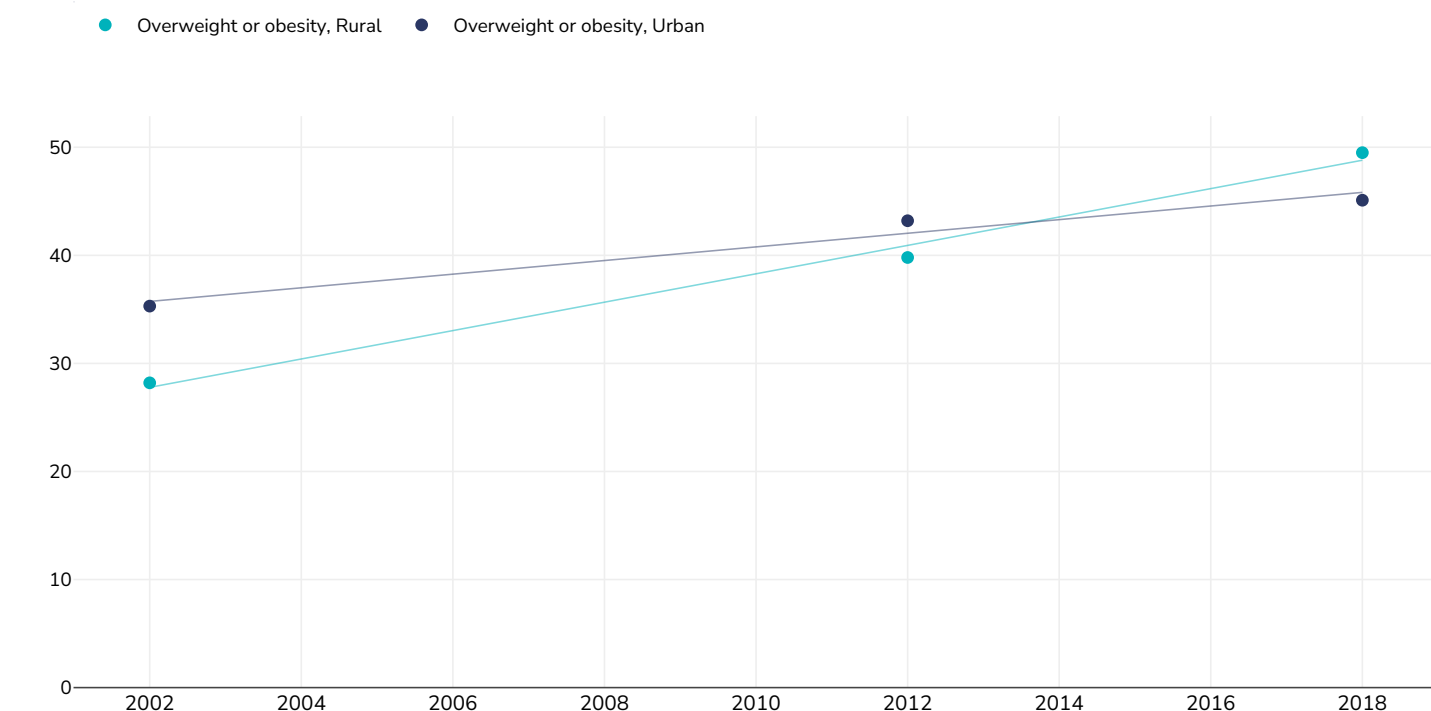
References: Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43. DOI: 10.1016/j.lanwpc.2023.100809  
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Definitions:

Overweight BMI  $\geq 24$ – $< 28$  Kg/m<sup>2</sup> Obesity BMI  $\geq 28$  Kg/m<sup>2</sup>

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

## Women



Survey  
type:

Measured

References: Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43. DOI: 10.1016/j.lanwpc.2023.100809  
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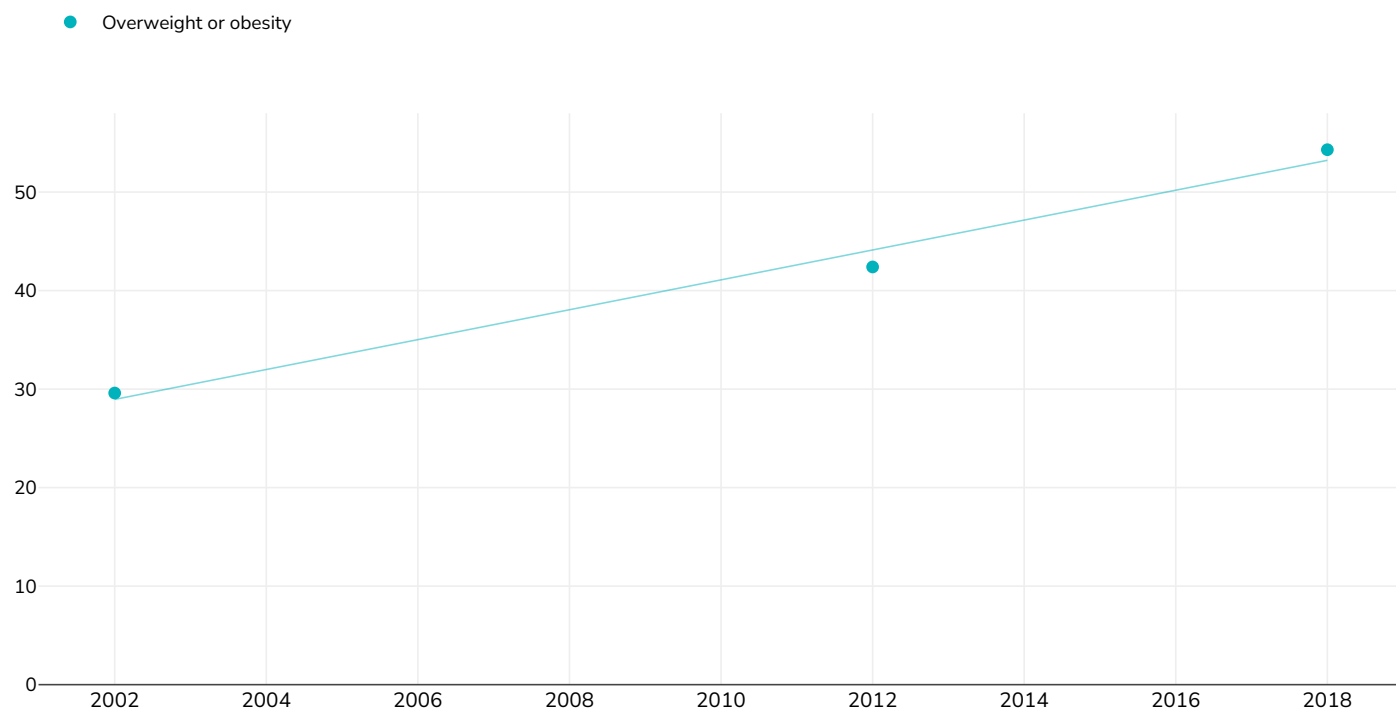
Definitions:

Overweight BMI  $\geq 24$ – $<28$  Kg/m<sup>2</sup> Obesity BMI  $\geq 28$  Kg/m<sup>2</sup>

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

## % Adults living with overweight or obesity, 2002-2019

### Men



References: Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43. DOI: 10.1016/j.lanwpc.2023.100809

Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43. DOI: 10.1016/j.lanwpc.2023.100809

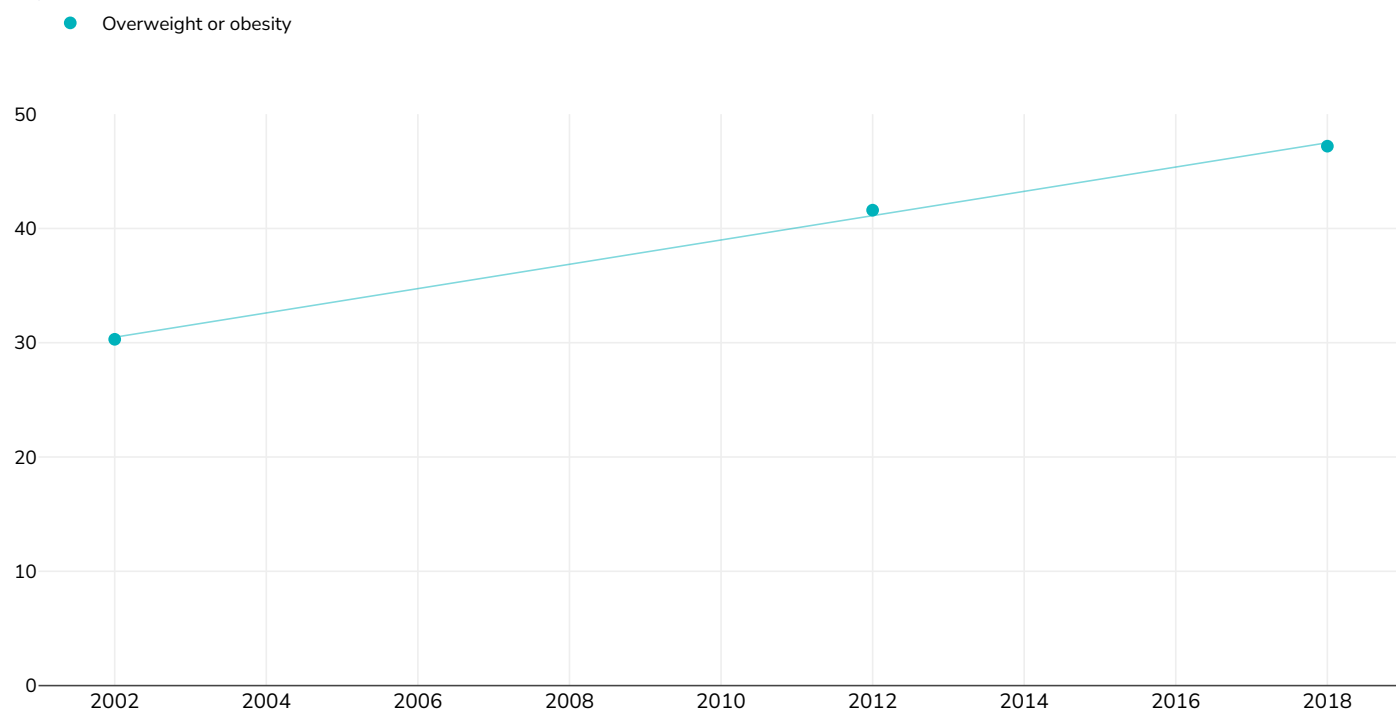
Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43. DOI: 10.1016/j.lanwpc.2023.100809

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*Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.*

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

## Women



References: Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43. DOI: 10.1016/j.lanwpc.2023.100809

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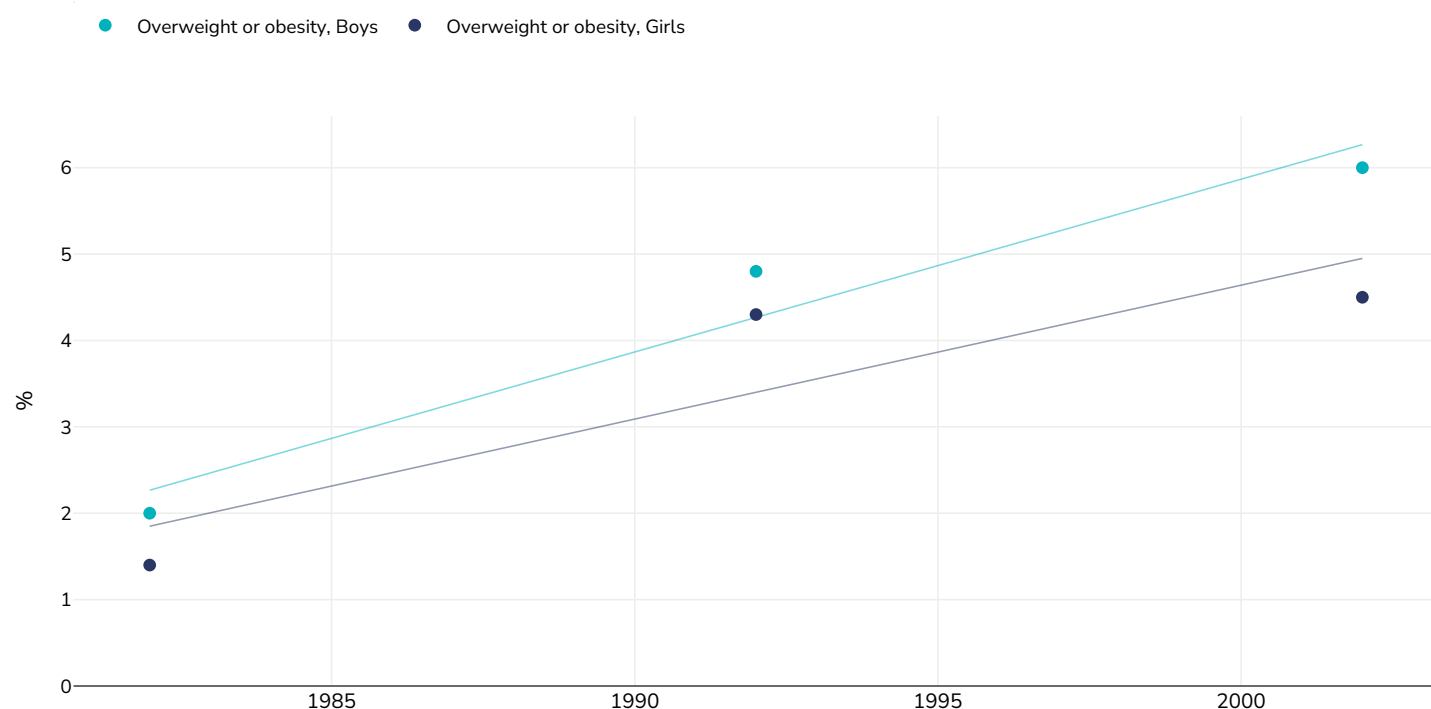
Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43. DOI: 10.1016/j.lanwpc.2023.100809

Definitions: Overweight BMI  $\geq 24$ – $< 28$  Kg/m<sup>2</sup> Obesity BMI  $\geq 28$  Kg/m<sup>2</sup>

*Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.*

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

## Children living with Overweight or obesity in China



Survey  
type:

Measured

References: 1982: Li Y., Schouten EG, Hu X et al. Obesity prevalence and time trend among youngsters in China, 1982-2002. Published in Asia Pacific Journal of Clinical Nutrition. Our version from Book - Li Y. Childhood Obesity in China: prevalence, determinants and health.

1992: Li Y., Schouten EG, Hu X et al. Obesity prevalence and time trend among youngsters in China, 1982-2002. Published in Asia Pacific Journal of Clinical Nutrition. Our version from Book - Li Y. Childhood Obesity in China: prevalence, determinants and health. Chapter 2

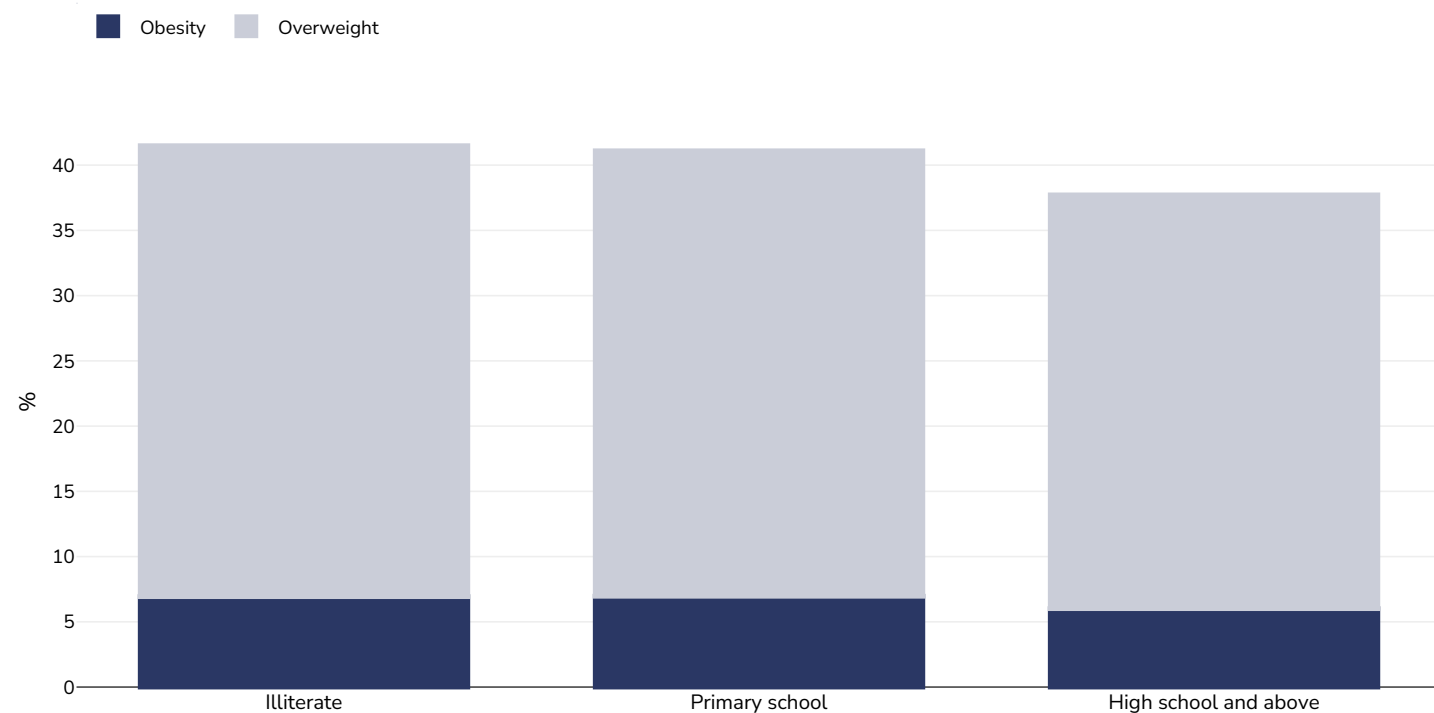
2002: Yanping L, Evert GS, Xiaoqi H, Zhao C, Dechun L and Guansheng M. 2008. Obesity prevalence and time trend among youngsters in china, 1982 - 2002. Asia Pac Journal of Clinical Nutrition, 17(1):131 - 137.

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



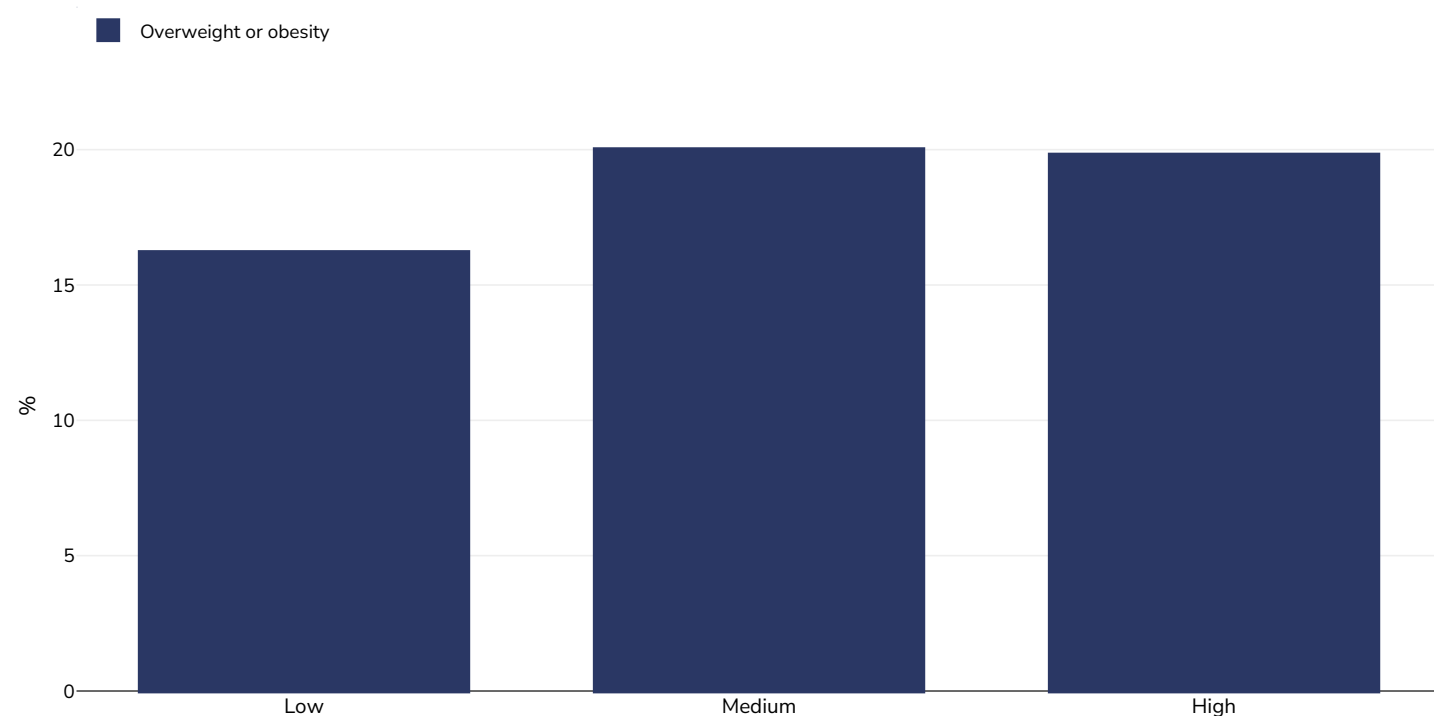
## Overweight/obesity by education

### Adults, 2015



Survey type:	Measured
Age:	18-59
Sample size:	6602
Area covered:	National
References:	Huang, Q., Wang, L., Jiang, H., Wang, H., Zhang, B., Zhang, J., Jia, X. and Wang, Z., 2020. Intra-Individual Double Burden of Malnutrition among Adults in China: Evidence from the China Health and Nutrition Survey 2015. <i>Nutrients</i> , 12(9), p.2811.
Notes:	3699 men and 2903 women
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m <sup>2</sup> , obesity refers to a BMI greater than 30kg/m <sup>2</sup> .	

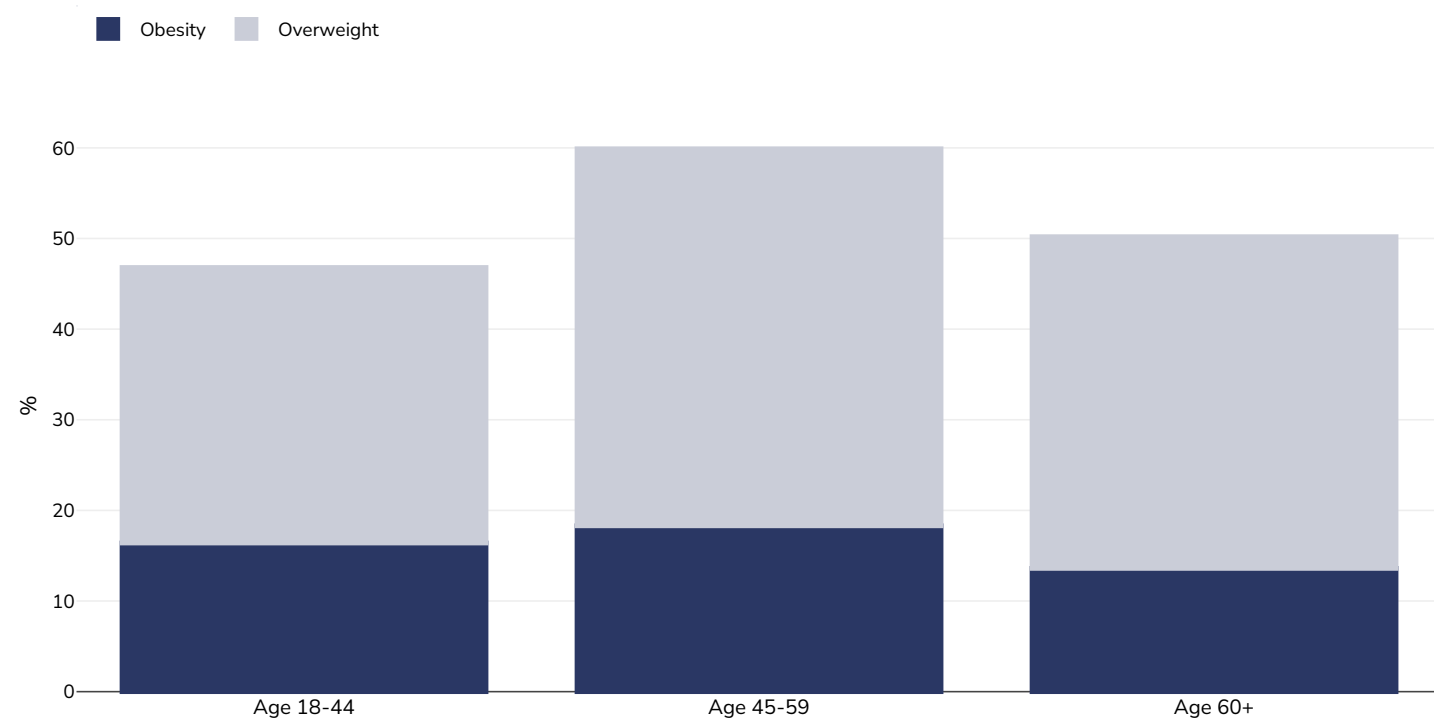
## Children, 2014



Survey type:	Measured
Age:	5-12
Sample size:	9917
Area covered:	Regional - Guangzhou (urban setting)
References:	Liu W, Liu W, Lin R, et al. Socioeconomic determinants of childhood obesity among primary school children in Guangzhou, China. BMC Public Health. 2016;16:482. doi:10.1186/s12889-016-3171-1.
Notes:	BMI standard deviation scores (BMI z-score) were derived using the age (calculated by subtracting the date of birth from the date of examination) and sex specific WHO growth reference for school-aged children, which were further classified as non-overweight ( $\leq 1SD$ ), overweight ( $>1SD$ ) and obese ( $>2SD$ ). Overweight and obesity prevalence by Father's education. Education was categorised into low (primary and junior high school level), medium (senior high and vocational school level) or high (university level or higher).
Cutoffs:	WHO

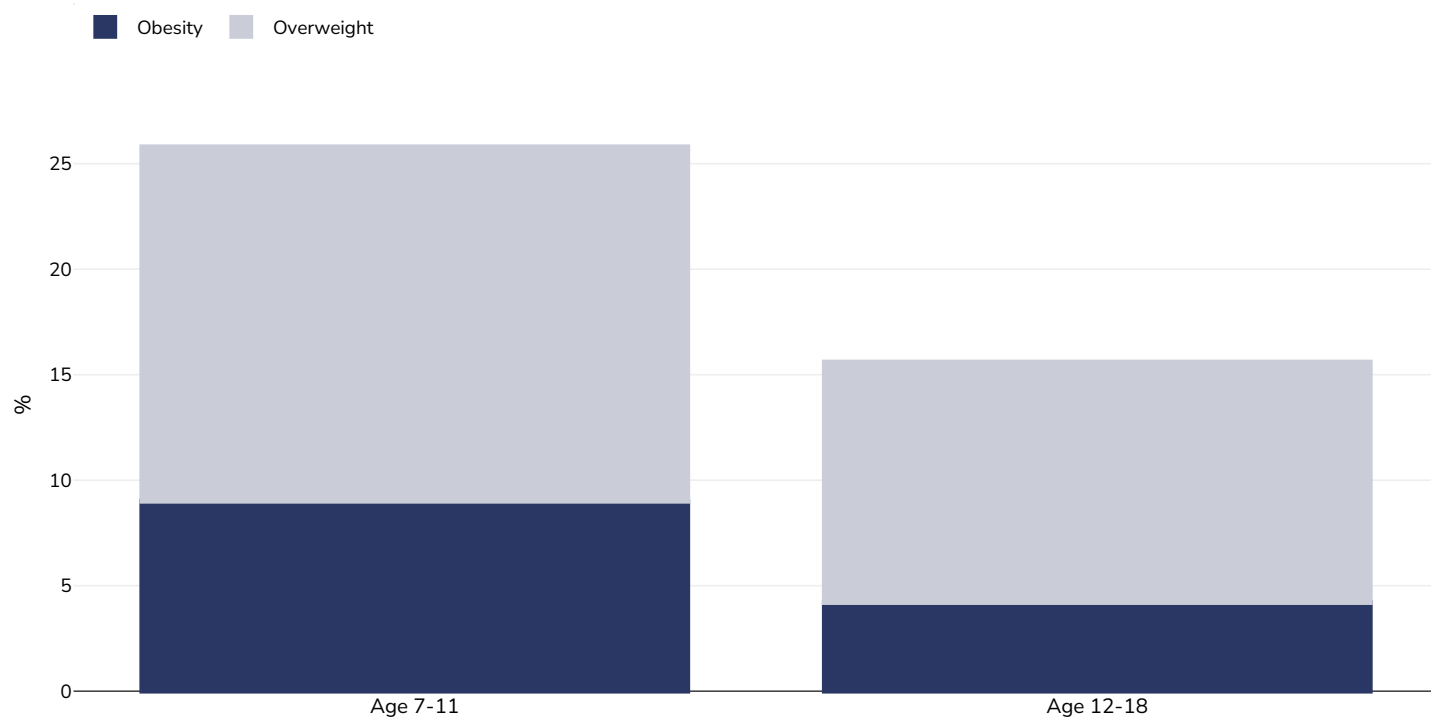
## Overweight/obesity by age

### Adults, 2018-2019



Survey type:	Measured
Sample size:	155413
Area covered:	National
References:	Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43. DOI: 10.1016/j.lanwpc.2023.100809
Notes:	Chinese Cut Off applied
Definitions:	Overweight BMI $\geq 24$ – $< 28$ Kg/m <sup>2</sup> Obesity BMI $\geq 28$ Kg/m <sup>2</sup>
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m <sup>2</sup> , obesity refers to a BMI greater than 30kg/m <sup>2</sup> .	

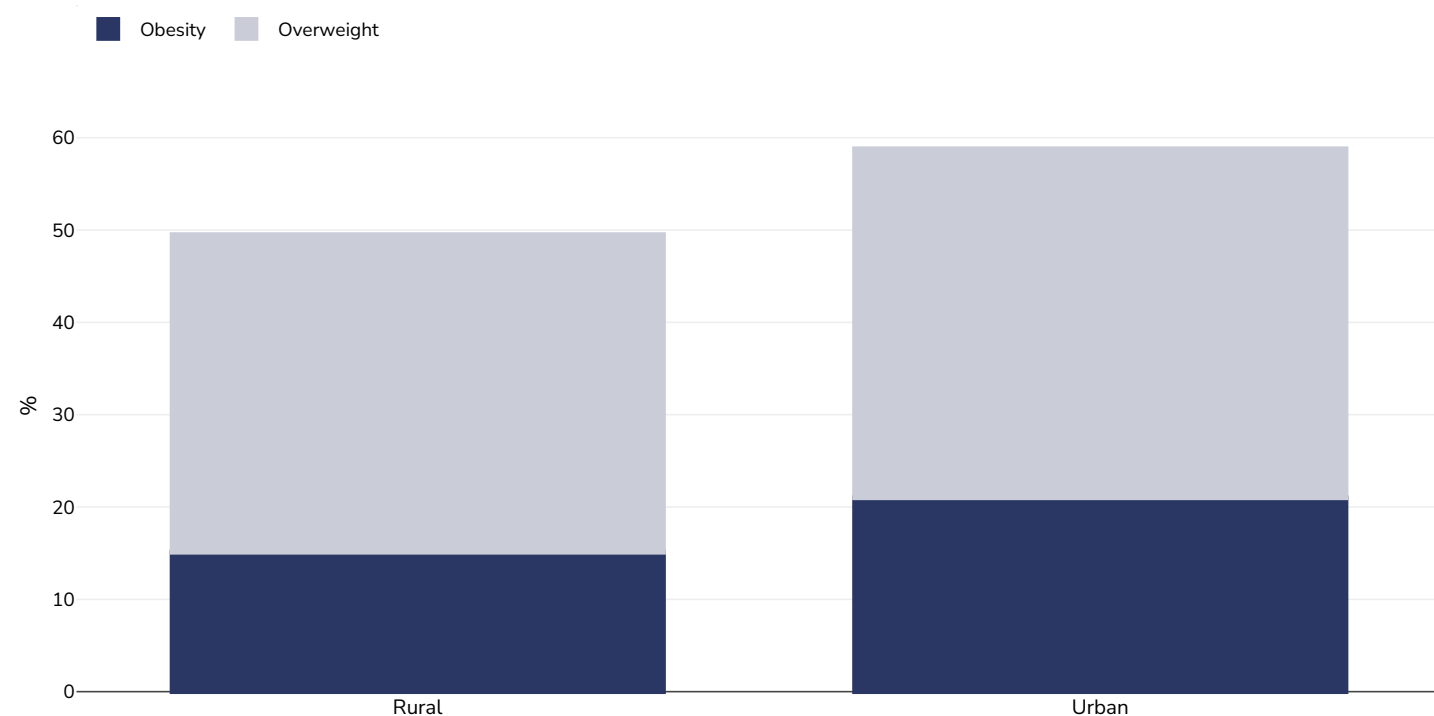
## Children, 2015



Survey type:	Measured
Sample size:	1617
Area covered:	National
References:	Zhang J, Wang H, Wang Z, Du W, Su C, Zhang J, Jiang H, Jia X, Huang F, Ouyang Y, Wang Y, Zhang B. Prevalence and stabilizing trends in overweight and obesity among children and adolescents in China, 2011-2015. BMC Public Health. 2018 May 2;18(1):571. doi: 10.1186/s12889-018-5483-9.
Notes:	International Cut off used, WHO & WGOC also available
Cutoffs:	IOTF

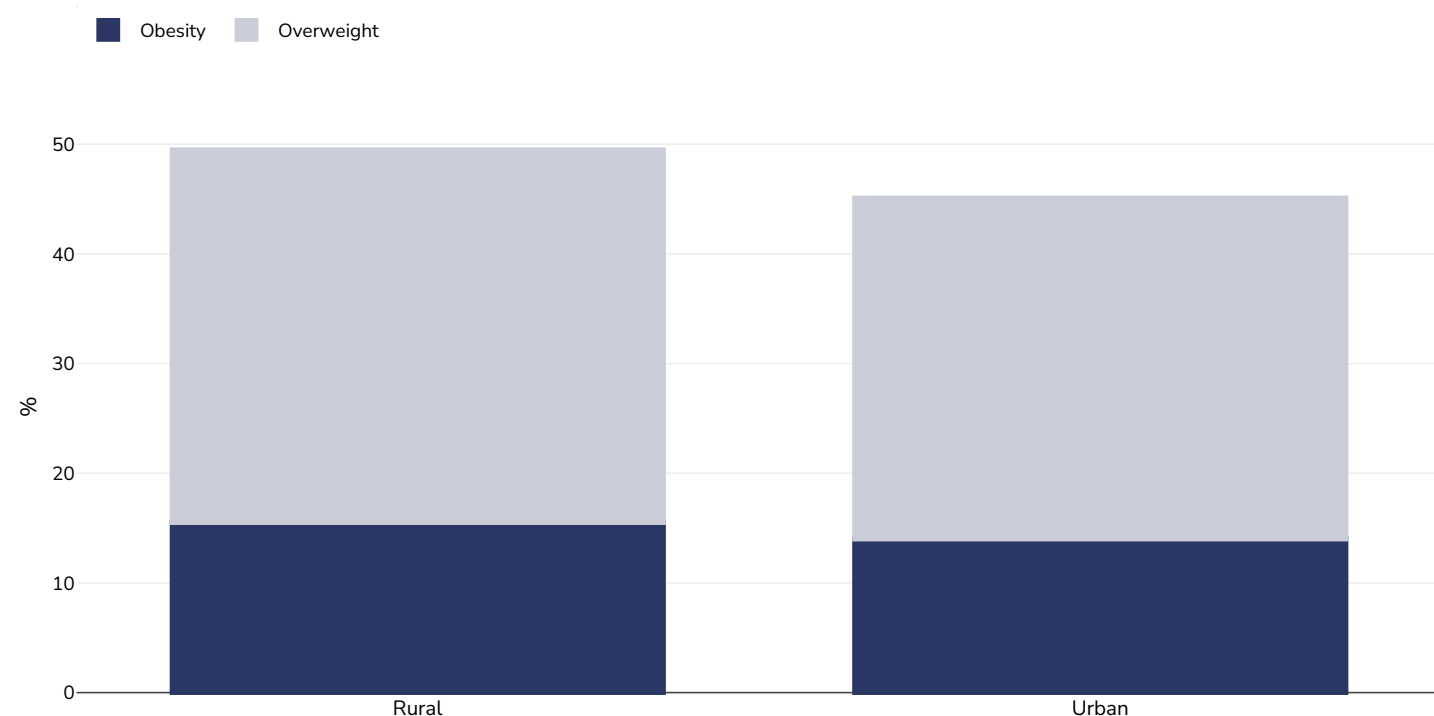
## Overweight/obesity by region

### Men, 2018-2019



Survey type:	Measured
Age:	18+
Sample size:	155413
Area covered:	National
References:	Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43. DOI: 10.1016/j.lanwpc.2023.100809
Definitions:	Overweight BMI $\geq 24$ – $< 28$ Kg/m <sup>2</sup> Obesity BMI $\geq 28$ Kg/m <sup>2</sup>
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m <sup>2</sup> , obesity refers to a BMI greater than 30kg/m <sup>2</sup> .	

## Women, 2018-2019



Survey type: Measured

Age: 18+

Sample size: 155413

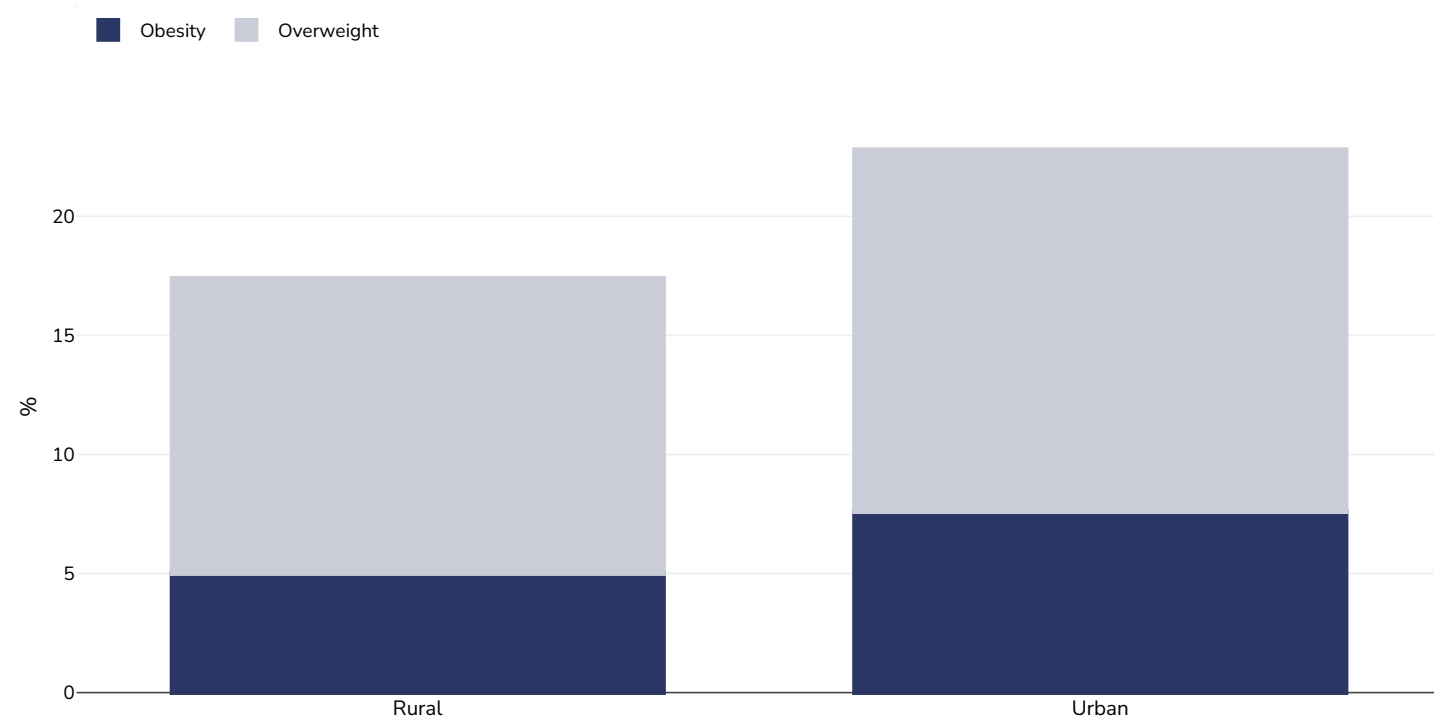
Area covered: National

References: Wen Peng, Shiqi Chen and Xinguang Chen et al. Trends in major non-communicable diseases and related risk factors in China 2002–2019: an analysis of nationally representative survey data. The Lancet Regional Health: Western Pacific. 2023. Vol. 43. DOI: 10.1016/j.lanwpc.2023.100809

Definitions: Overweight BMI  $\geq 24$ -<28 Kg/m<sup>2</sup> Obesity BMI  $\geq 28$  Kg/m<sup>2</sup>

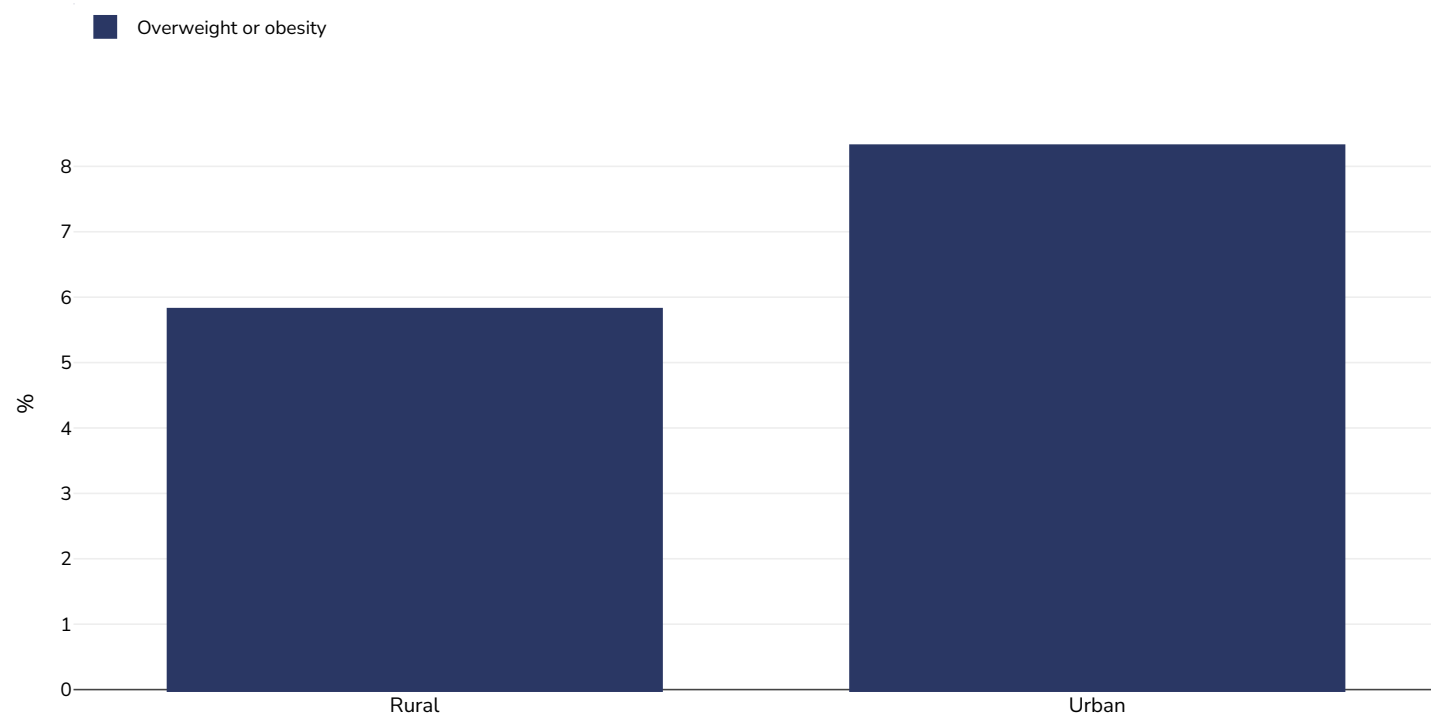
*Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.*

## Children, 2015



Survey type:	Measured
Age:	7-18
Sample size:	1617
Area covered:	National
References:	Zhang J, Wang H, Wang Z, Du W, Su C, Zhang J, Jiang H, Jia X, Huang F, Ouyang Y, Wang Y, Zhang B. Prevalence and stabilizing trends in overweight and obesity among children and adolescents in China, 2011-2015. BMC Public Health. 2018 May 2;18(1):571. doi: 10.1186/s12889-018-5483-9.
Notes:	International Cut off used, WHO & WGOC also available
Cutoffs:	IOTF

## 0-5 years, 2010



Sample size: 15399

References: Surveillance: Nutritional status of children aged 0-5 years old in China (2010) - National (38 nutrition surveillance sites from 25 provinces). Beijing, China: Chinese Center for Disease Control and Prevention, 2012

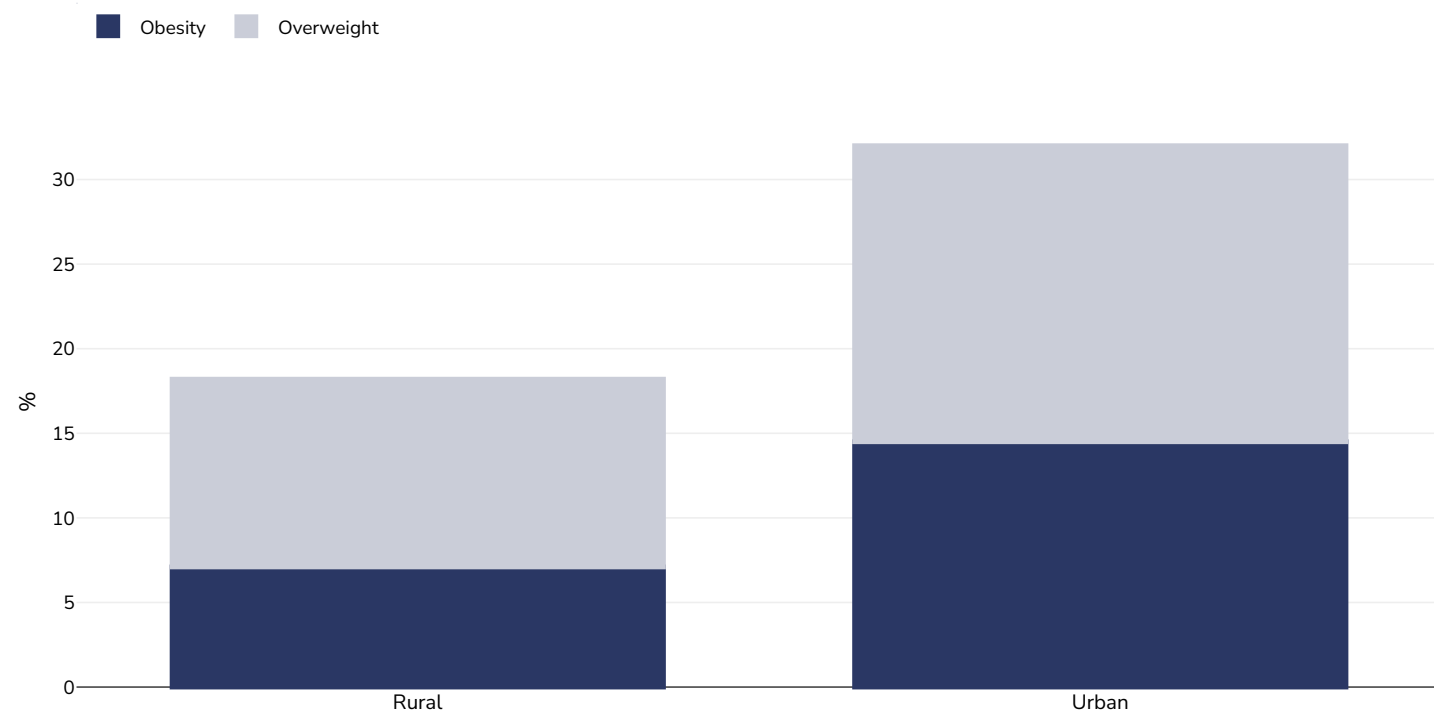
Notes: UNICEF/WHO/World Bank Joint Child Malnutrition Estimates Expanded Database: Overweight (Survey Estimates), May 2023, New York. For more information about the methodology, please consult <https://data.unicef.org/resources/jme-2023-country-consultations/> Percentage of children under 5 years of age falling above 2 standard deviations (moderate and severe) from the median weight-for-height of the reference population.

Definitions: =>+2SD



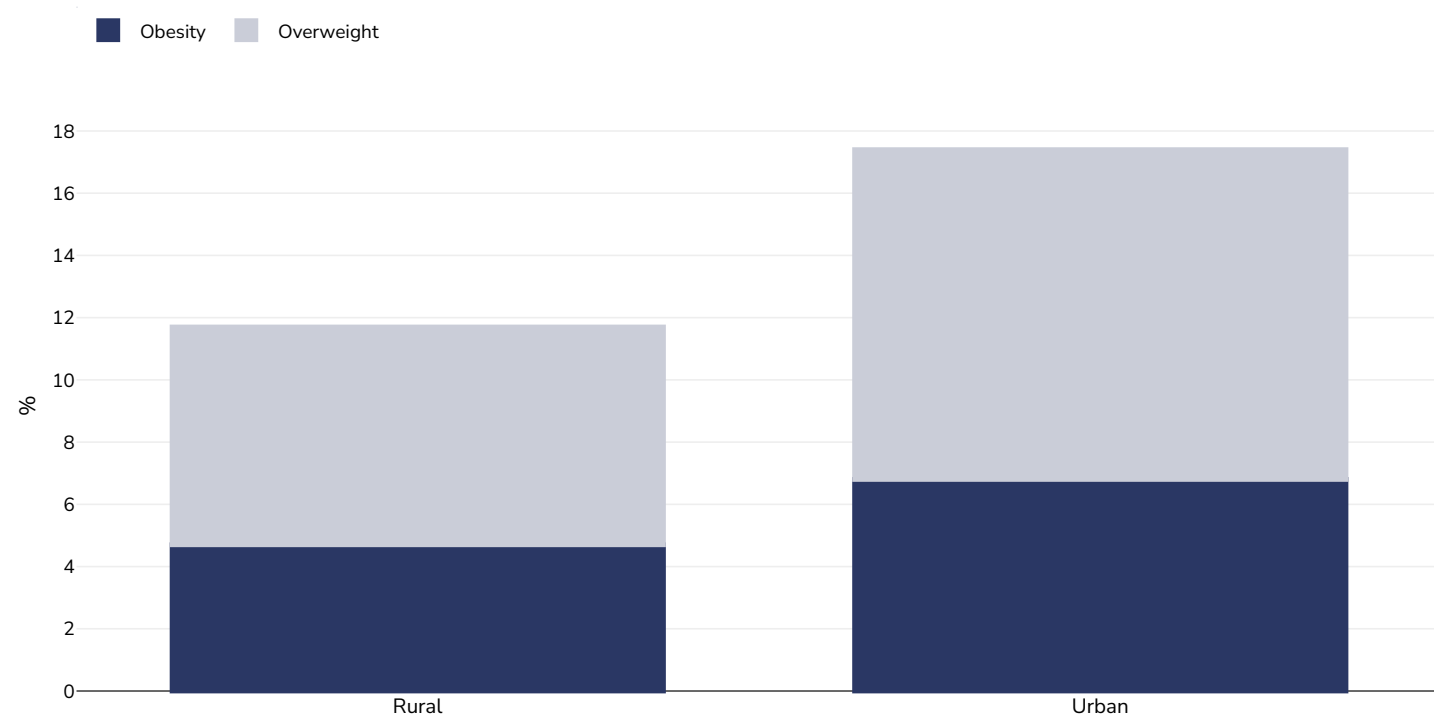
## Overweight/obesity by age and region

### Men, 2005



Survey type:	Measured
Age:	18
Sample size:	30447
Area covered:	Regional
References:	Zhang YX, Wang SR. Distribution of body mass index and the prevalence changes of overweight and obesity among adolescents in Shandong, China from 1985 to 2005. Annals of Human Biology, Volume 35, Issue 5 September 2008 , pages 547 - 555
Cutoffs:	Other
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m <sup>2</sup> , obesity refers to a BMI greater than 30kg/m <sup>2</sup> .	

## Women, 2005

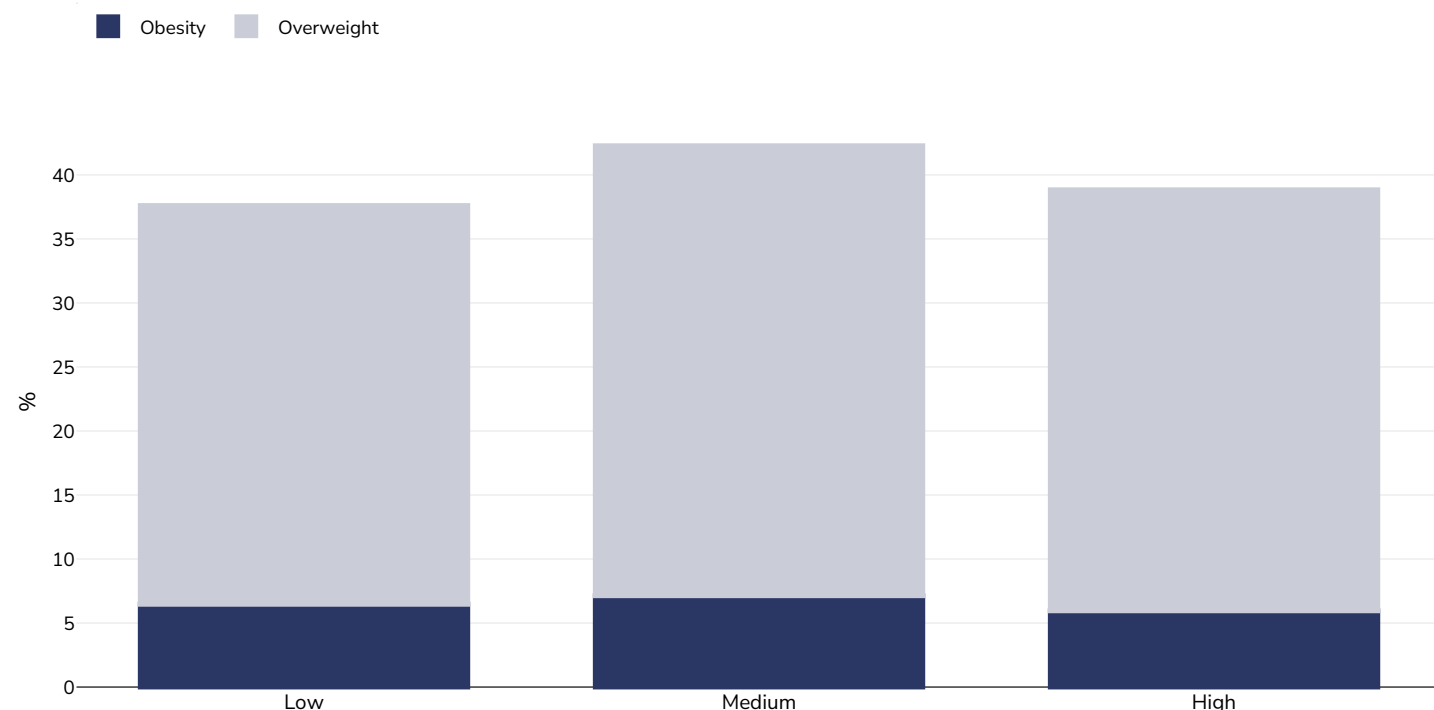


Survey type:	Measured
Age:	18
Sample size:	30447
Area covered:	Regional
References:	Zhang YX, Wang SR. Distribution of body mass index and the prevalence changes of overweight and obesity among adolescents in Shandong, China from 1985 to 2005. Annals of Human Biology, Volume 35, Issue 5 September 2008 , pages 547 - 555
Cutoffs:	Other

Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.

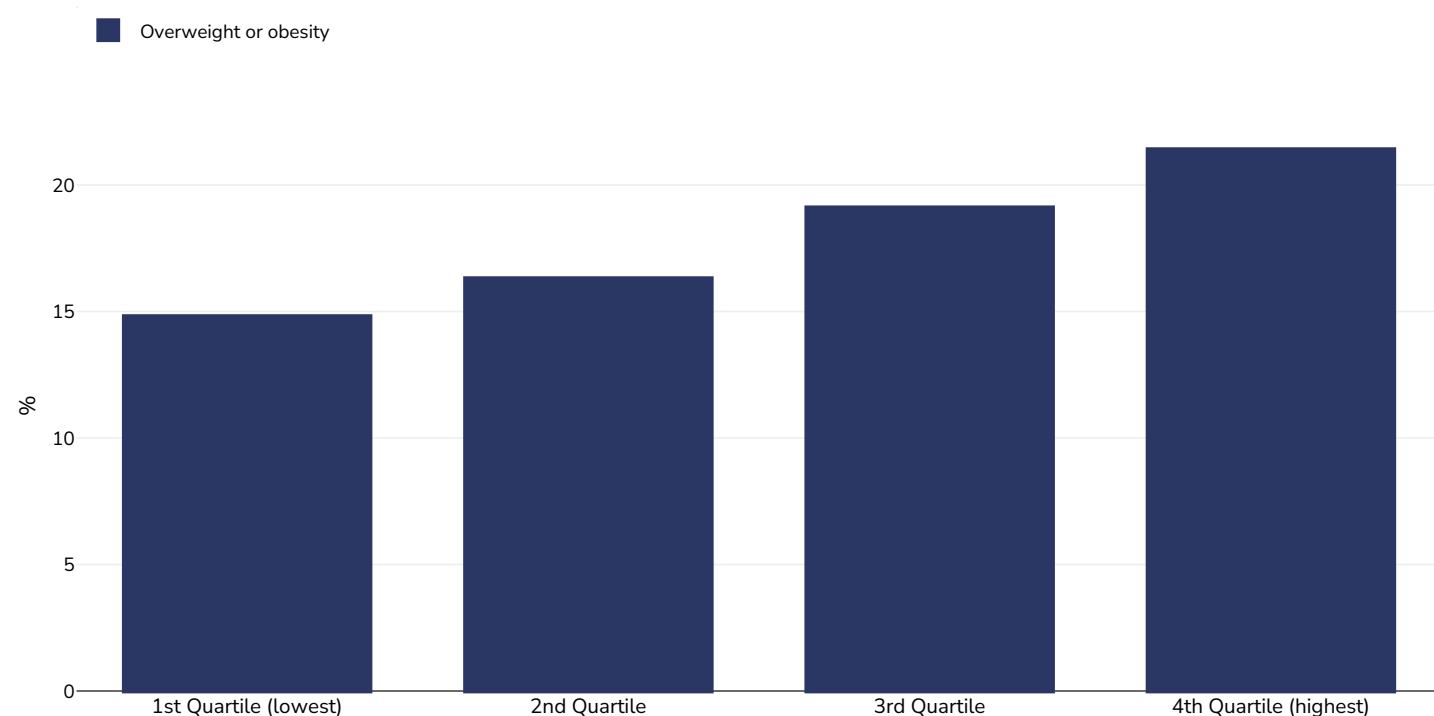
## Overweight/obesity by socio-economic group

### Adults, 2015



Survey type:	Measured
Age:	18-59
Sample size:	6602
Area covered:	National
References:	Huang, Q., Wang, L., Jiang, H., Wang, H., Zhang, B., Zhang, J., Jia, X. and Wang, Z., 2020. Intra-Individual Double Burden of Malnutrition among Adults in China: Evidence from the China Health and Nutrition Survey 2015. <i>Nutrients</i> , 12(9), p.2811.
Notes:	3699 men and 2903 women
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m <sup>2</sup> , obesity refers to a BMI greater than 30kg/m <sup>2</sup> .	

# Children, 2014



Survey type: Measured

Age: 5-12

Sample size: 9917

Area covered: Regional - Guangzhou (urban setting)

References: Liu W, Liu W, Lin R, et al. Socioeconomic determinants of childhood obesity among primary school children in Guangzhou, China. BMC Public Health. 2016;16:482. doi:10.1186/s12889-016-3171-1.

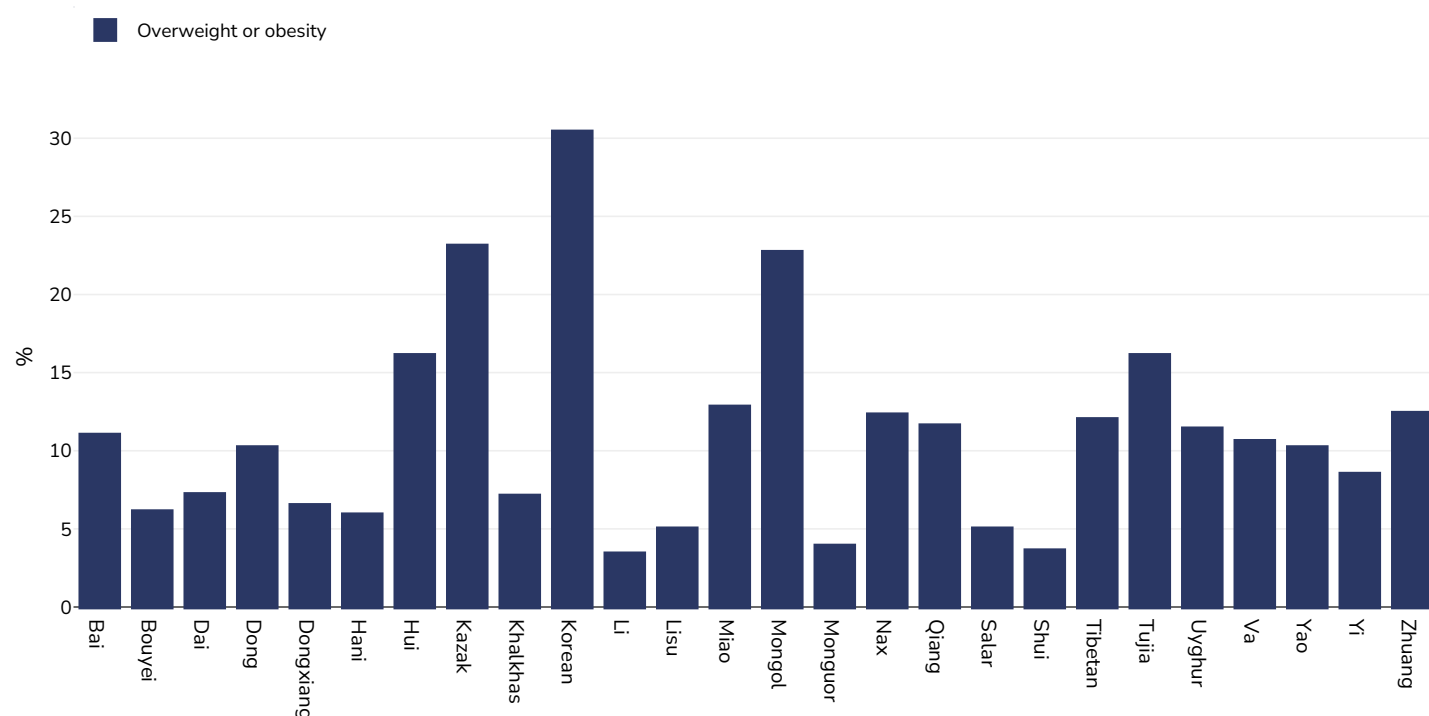
Notes: BMI standard deviation scores (BMI z-score) were derived using the age (calculated by subtracting the date of birth from the date of examination) and sex specific WHO growth reference for school-aged children, which were further classified as non-overweight ( $\leq 1SD$ ), overweight ( $>1SD$ ) and obese ( $>2SD$ ). Overweight and obesity prevalence by Father's education. Education was categorised into low (primary and junior high school level), medium (senior high and vocational school level) or high (university level or higher).

Cutoffs: WHO

## Overweight/obesity by ethnicity

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

### Children, 2014



Survey type: Measured

Age: 7-18

Sample size: 80,821

Area covered: National

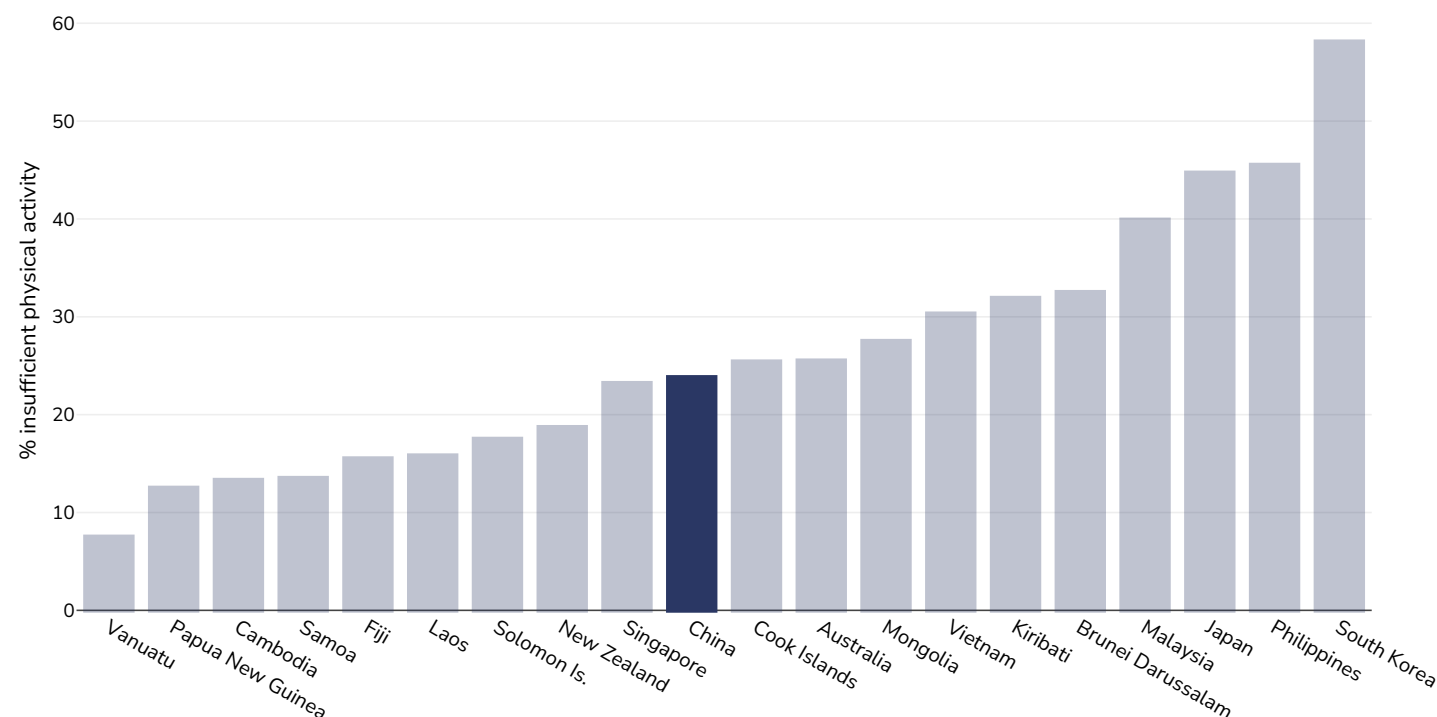
References: Dong, Yanhui, et al. "Prevalence of Excess Body Weight and Underweight among 26 Chinese Ethnic Minority Children and Adolescents in 2014: A Cross-Sectional Observational Study." BMC Public Health, vol. 18, no. 1, 27 Apr. 2018, 10.1186/s12889-018-5352-6.

Notes: Data from Chinese National Survey on Students Constitution and Health 2014

Cutoffs: Overweight and obesity was defined as  $\geq$  the referent age-and sex- specific 85th centile according to the reference developed by Working Group on Obesity in China (WGOC)

## Insufficient physical activity

### Adults, 2022



Survey type: Self-reported

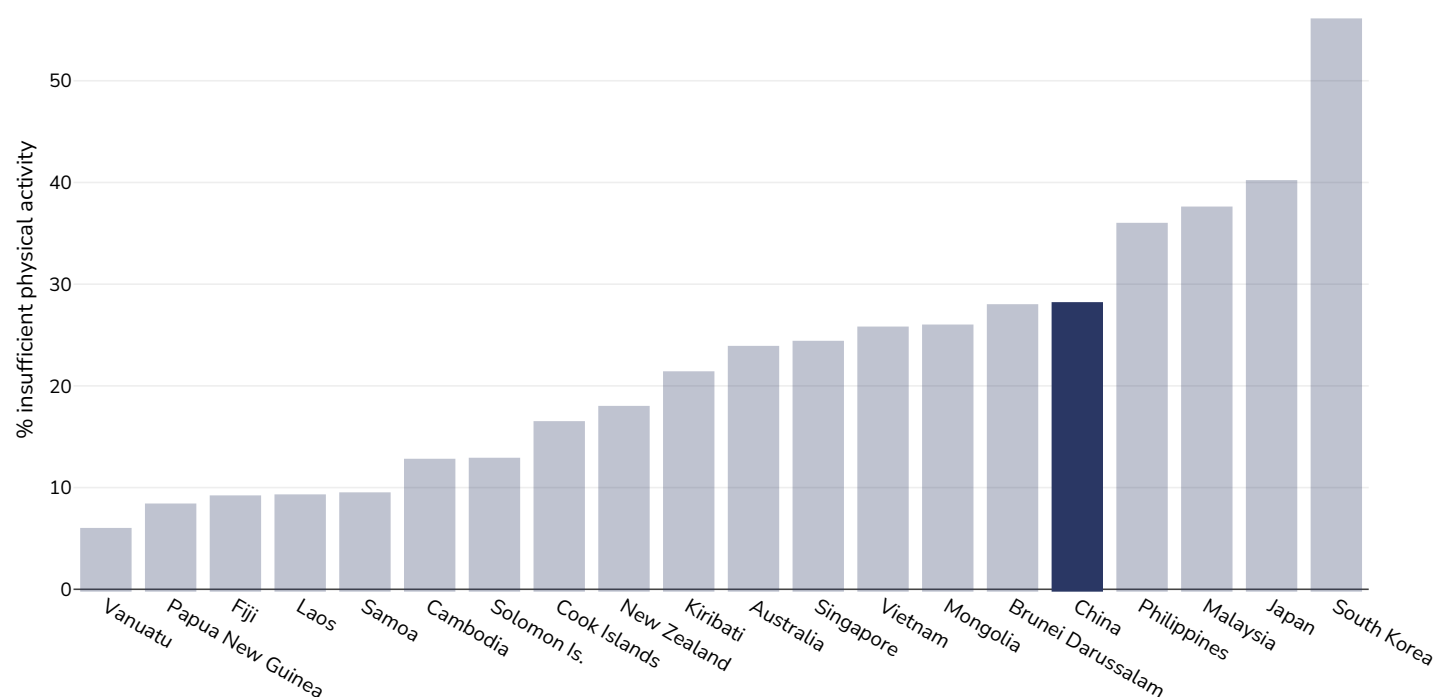
Age: 18+

Area covered: National

References: WHO (2024). Prevalence of insufficient physical activity among adults aged 18-years age-standardized estimate in 2022. Available at [https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-among-adults-aged-18-years-\(age-standardized-estimate\)-\(-\)](https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-among-adults-aged-18-years-(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.

## Men, 2022



Survey type: Self-reported

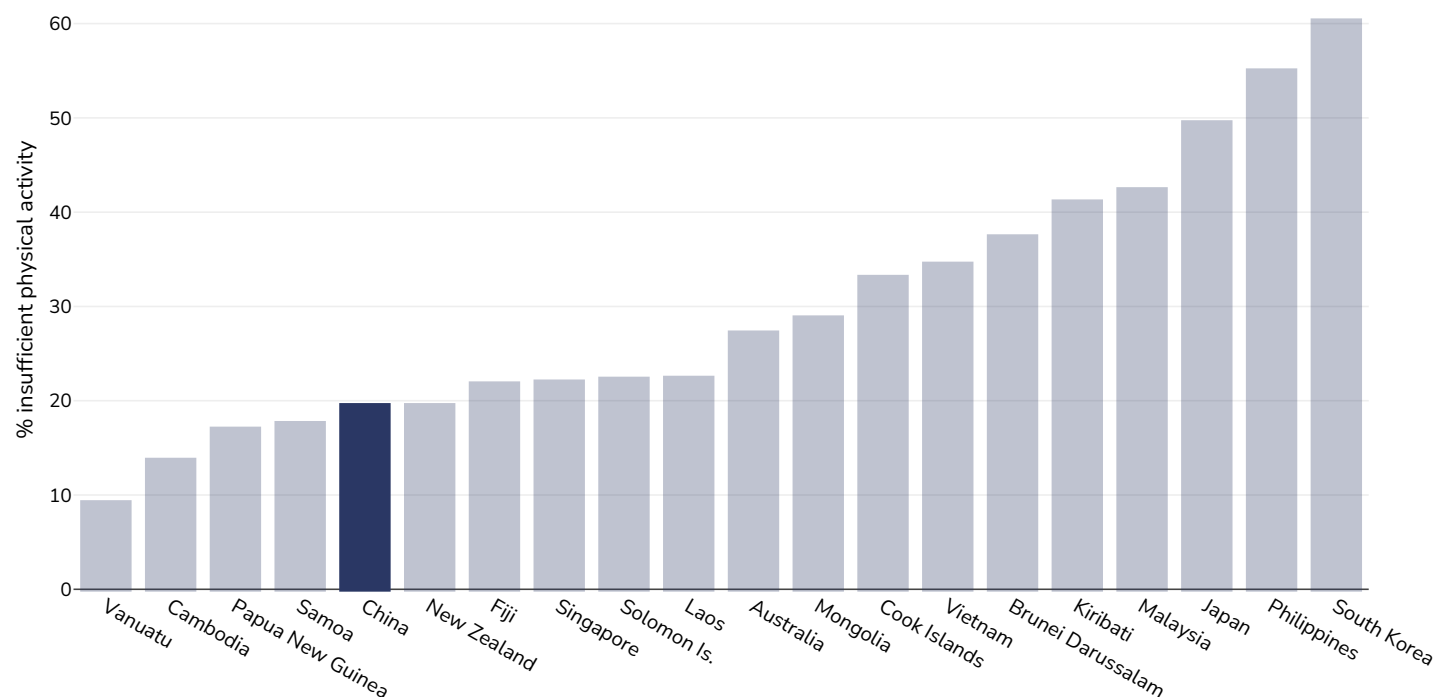
Age: 18+

Area covered: National

References: WHO (2024). Prevalence of insufficient physical activity among adults aged 18-years age-standardized estimate in 2022. Available at [https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-among-adults-aged-18-years-\(age-standardized-estimate\)-\(-\)](https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-among-adults-aged-18-years-(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.

## Women, 2022



Survey type: Self-reported

Age: 18+

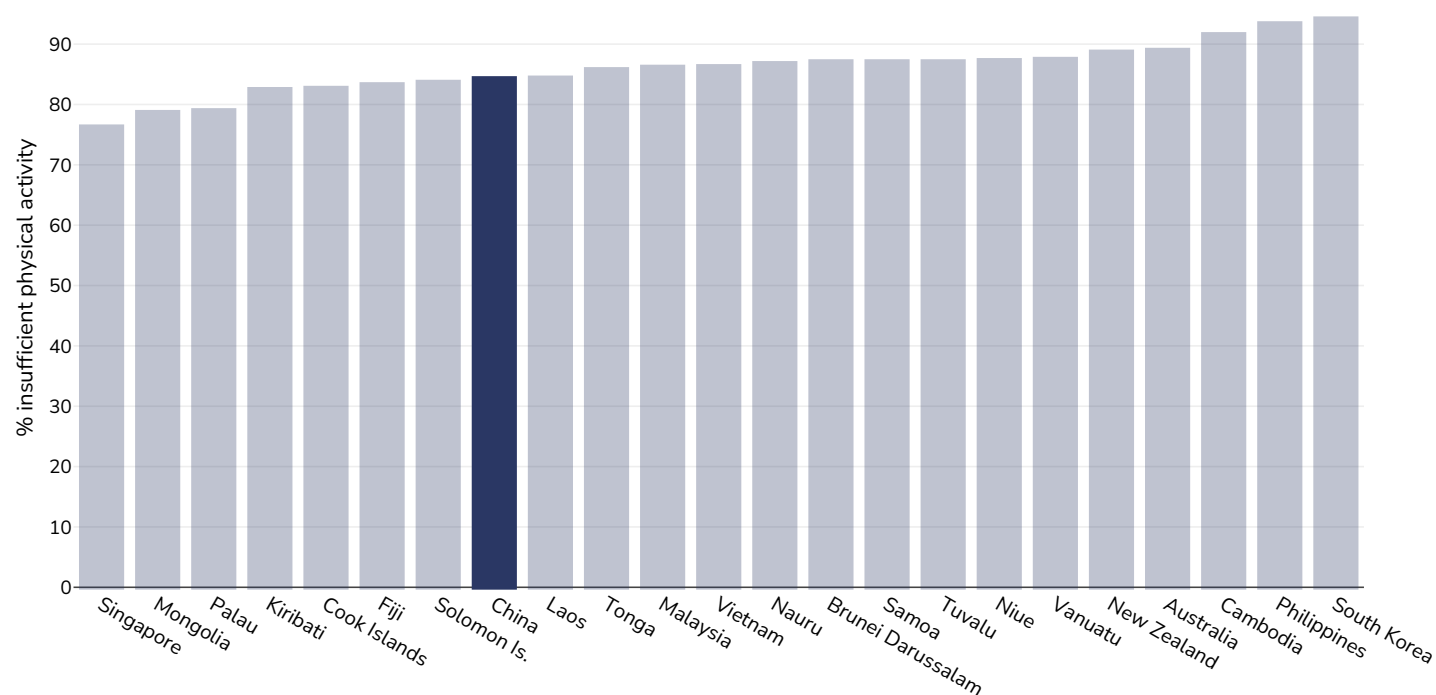
Area covered: National

References: WHO (2024). Prevalence of insufficient physical activity among adults aged 18-years age-standardized estimate in 2022. Available at [https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-among-adults-aged-18-years-\(age-standardized-estimate\)-\(-\)](https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-among-adults-aged-18-years-(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.



## Children, 2016



Survey type: Self-reported

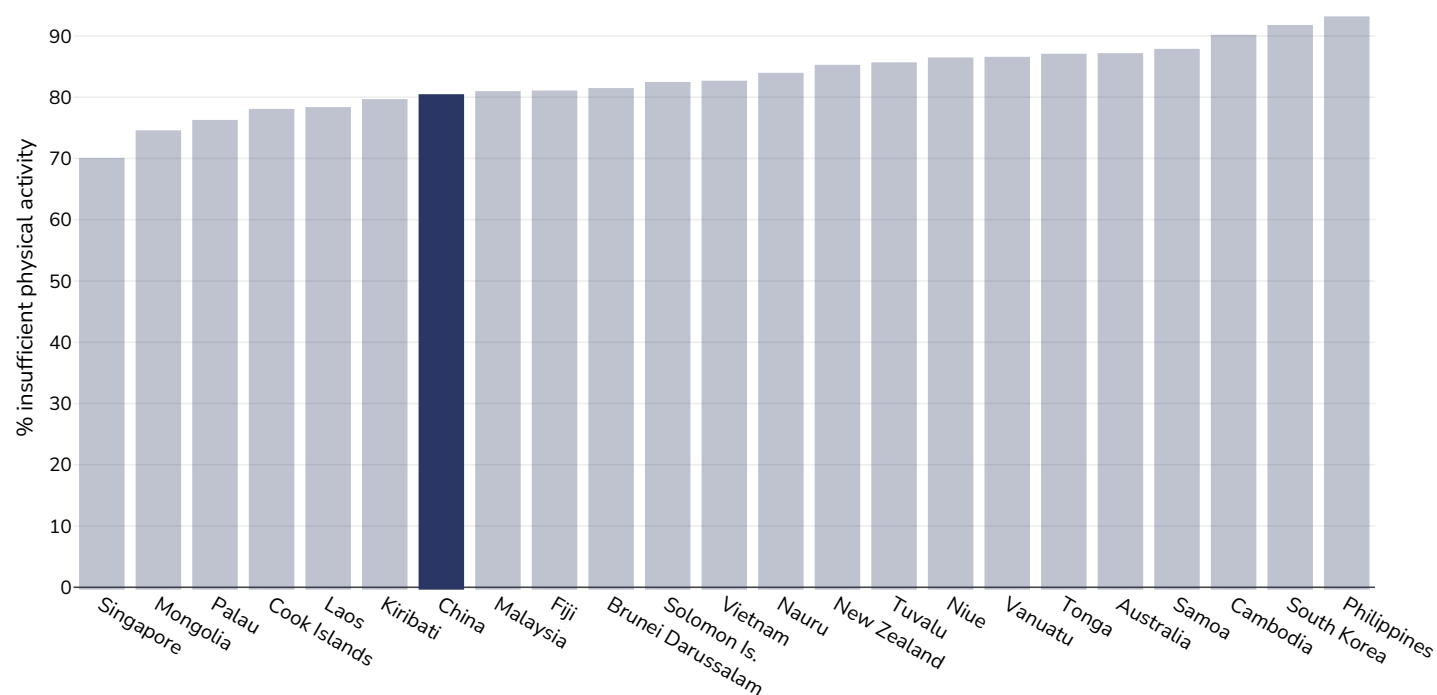
Age: 11-17

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

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

Definitions: % Adolescents insufficiently active (age standardised estimate)

## Boys, 2016



Survey type: Self-reported

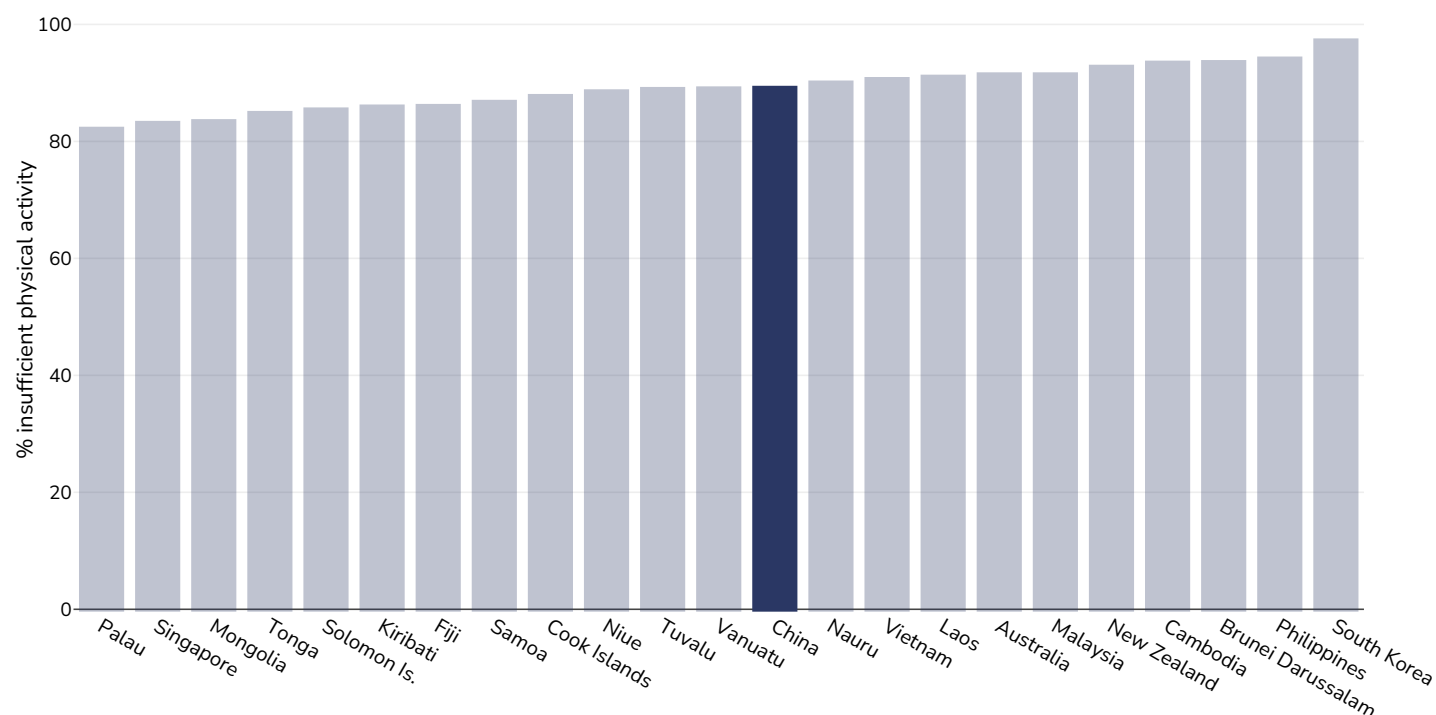
Age: 11-17

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

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

Definitions: % Adolescents insufficiently active (age standardised estimate)

## Girls, 2016



Survey type: Self-reported

Age: 11-17

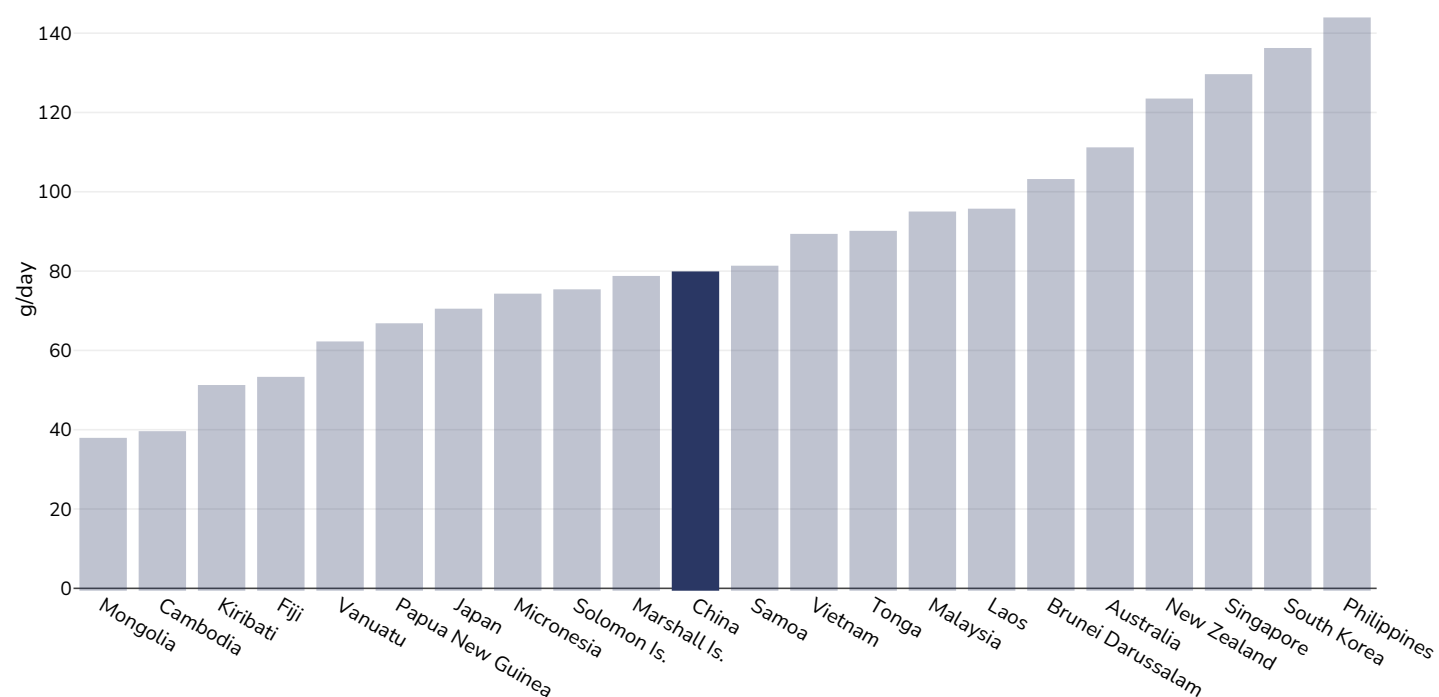
References: Global Health Observatory data repository, World Health Organisation, <https://apps.who.int/gho/data/node.main.A893ADO?lang=en> (last accessed 16.03.21)

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

Definitions: % Adolescents insufficiently active (age standardised estimate)

## Estimated per capita fruit intake

Adults, 2017



Survey type: Measured

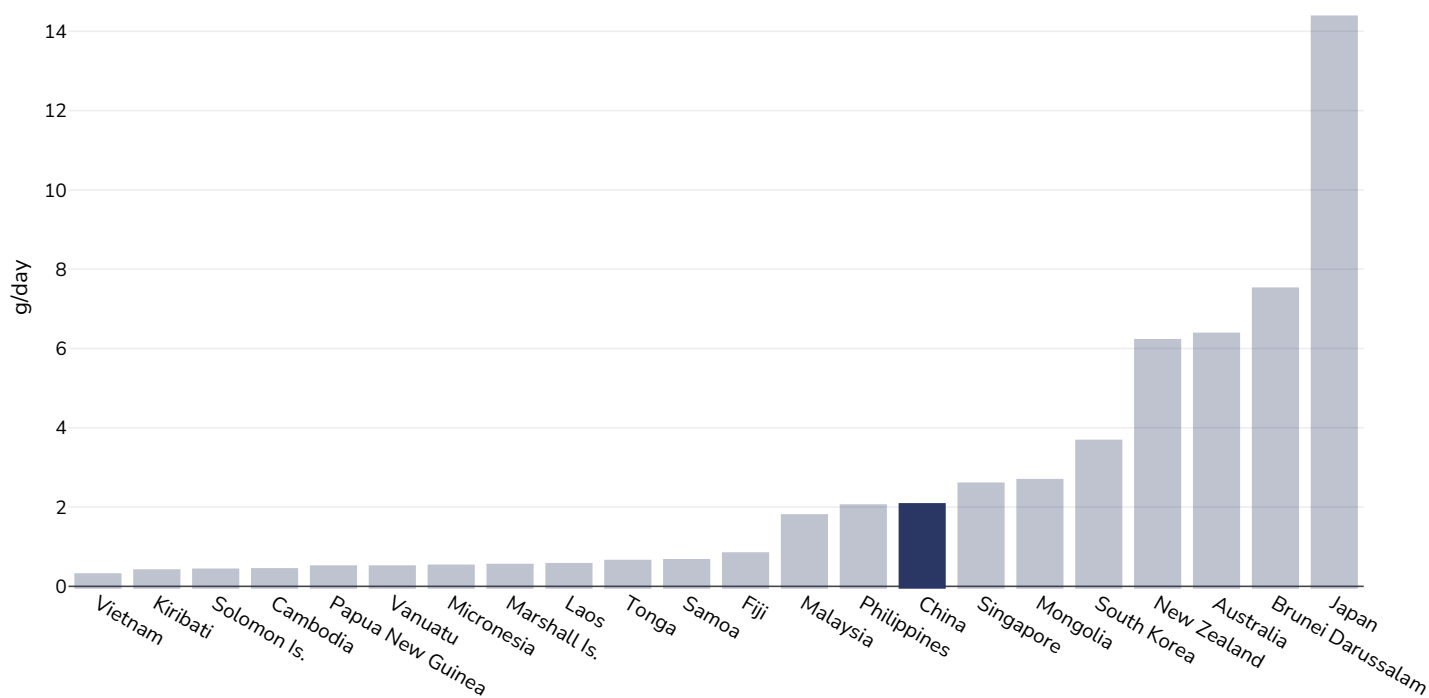
Age: 25+

References: Global Burden of Disease, the Institute for Health Metrics and Evaluation <http://ghdx.healthdata.org/>

Definitions: Estimated per-capita fruit intake (g/day)

## Estimated per-capita processed meat intake

Adults, 2017



Survey type:

Measured

Age:

25+

References:

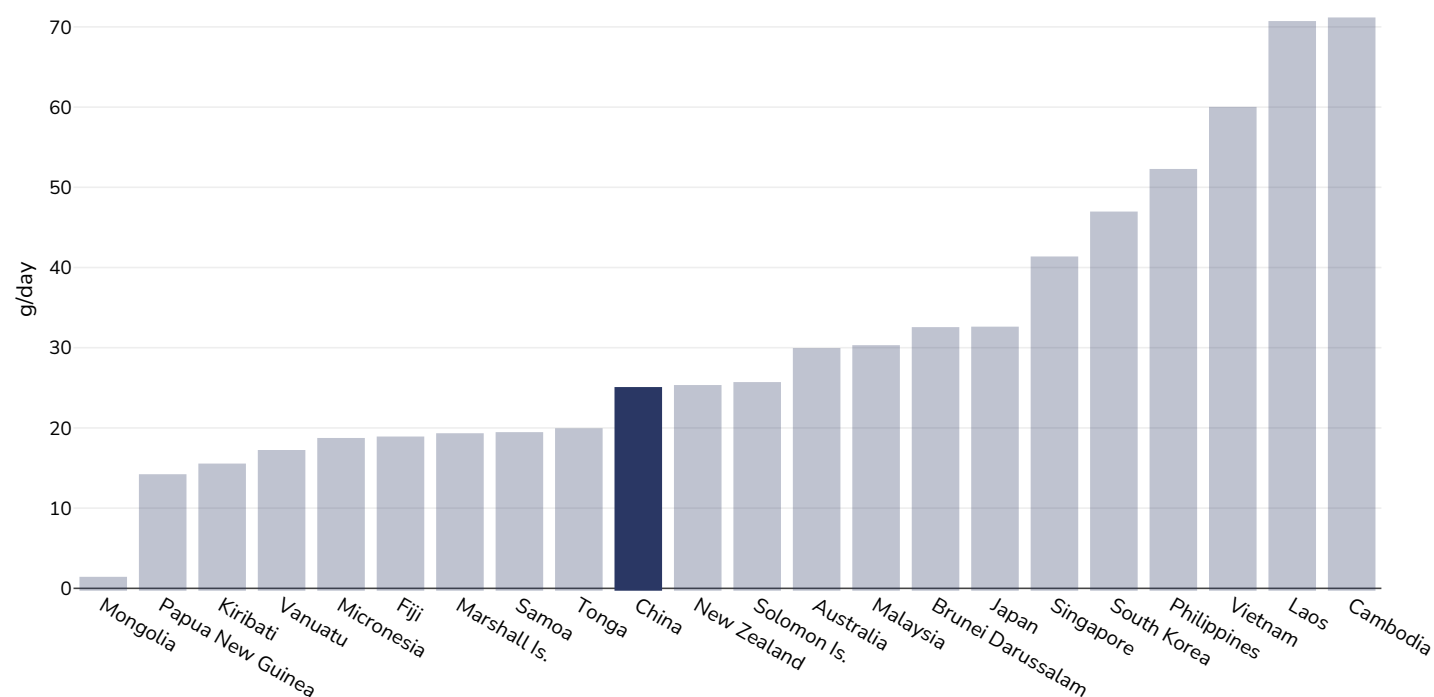
Global Burden of Disease, the Institute for Health Metrics and Evaluation <http://ghdx.healthdata.org/>

Definitions:

Estimated per-capita processed meat intake (g per day)

## Estimated per capita whole grains intake

Adults, 2017



Survey type: Measured

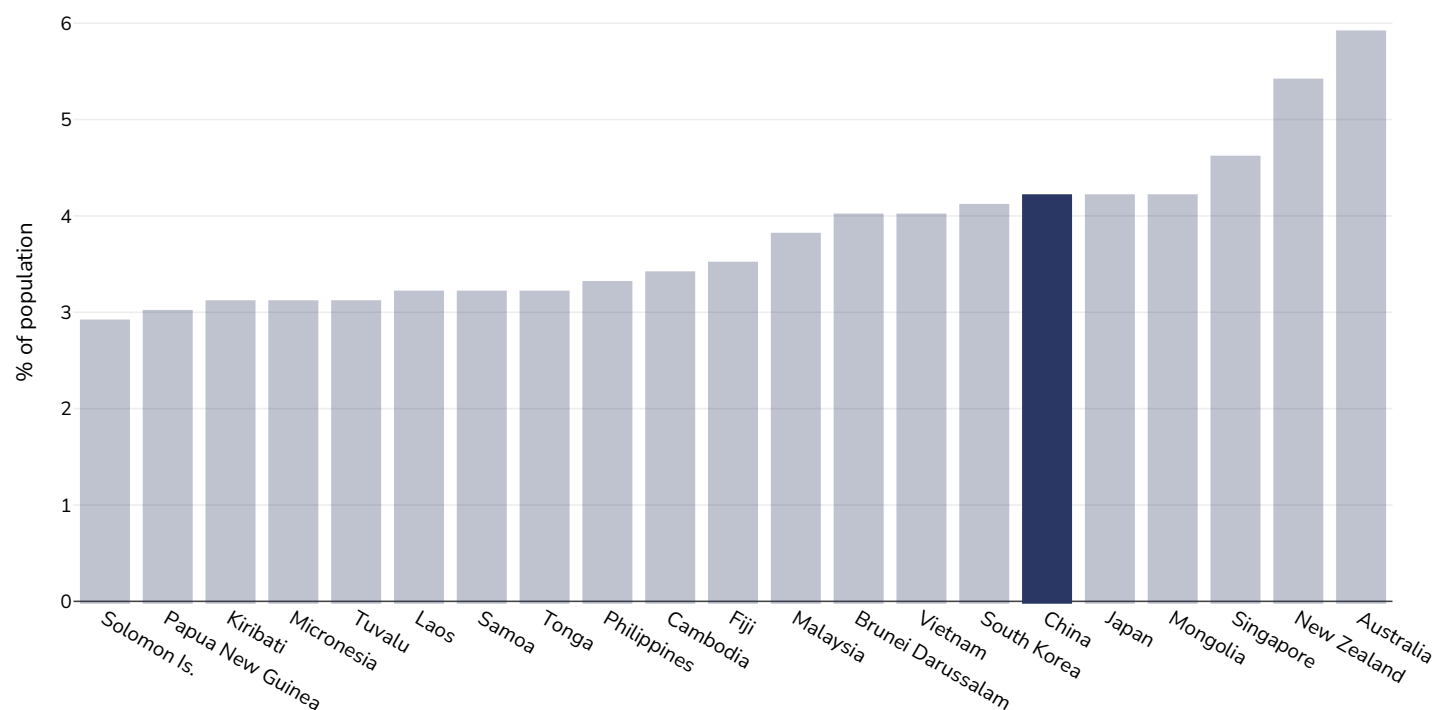
Age: 25+

References: Global Burden of Disease, the Institute for Health Metrics and Evaluation <http://ghdx.healthdata.org/>

Definitions: Estimated per-capita whole grains intake (g/day)

## Mental health - depression disorders

Adults, 2015

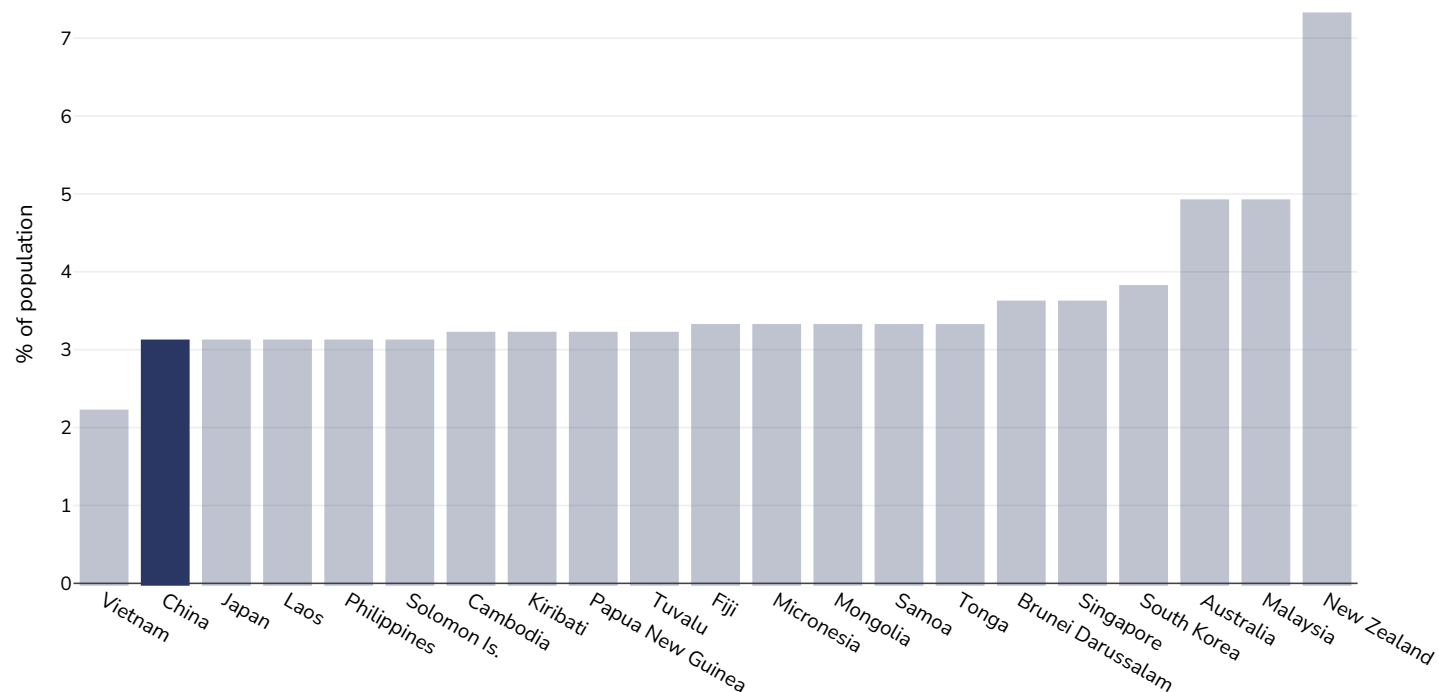


References: Prevalence data from Global Burden of Disease study 2015 (<http://ghdx.healthdata.org>) published in: Depression and Other Common Mental Disorders: Global Health Estimates. Geneva:World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO.

Definitions: % of population with depression disorders

## Mental health - anxiety disorders

Adults, 2015



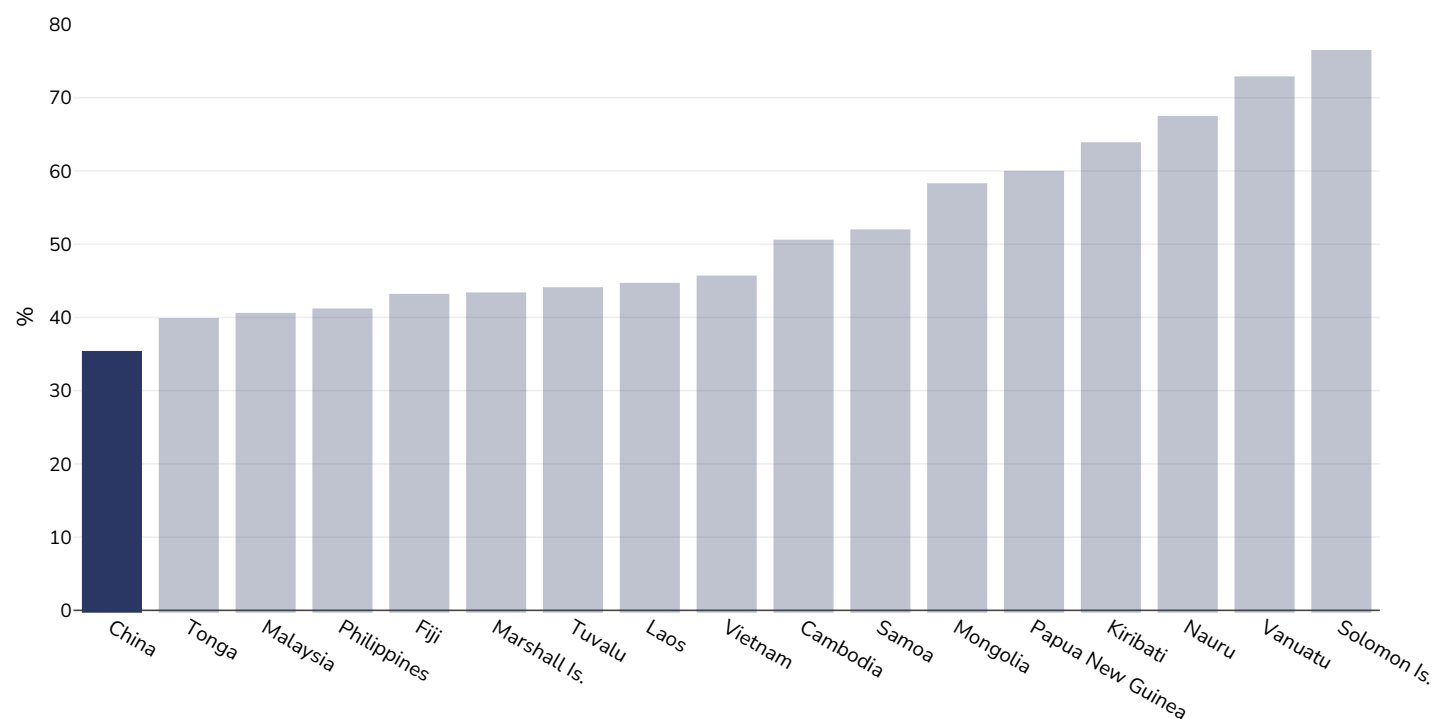
References: Prevalence data from Global Burden of Disease study 2015 (<http://ghdx.healthdata.org>) published in: Depression and Other Common Mental Disorders: Global Health Estimates. Geneva:World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO.

Definitions: % of population with anxiety disorders



## % Infants exclusively breastfed 0-5 months

0-5 years, 2007-2022



References:

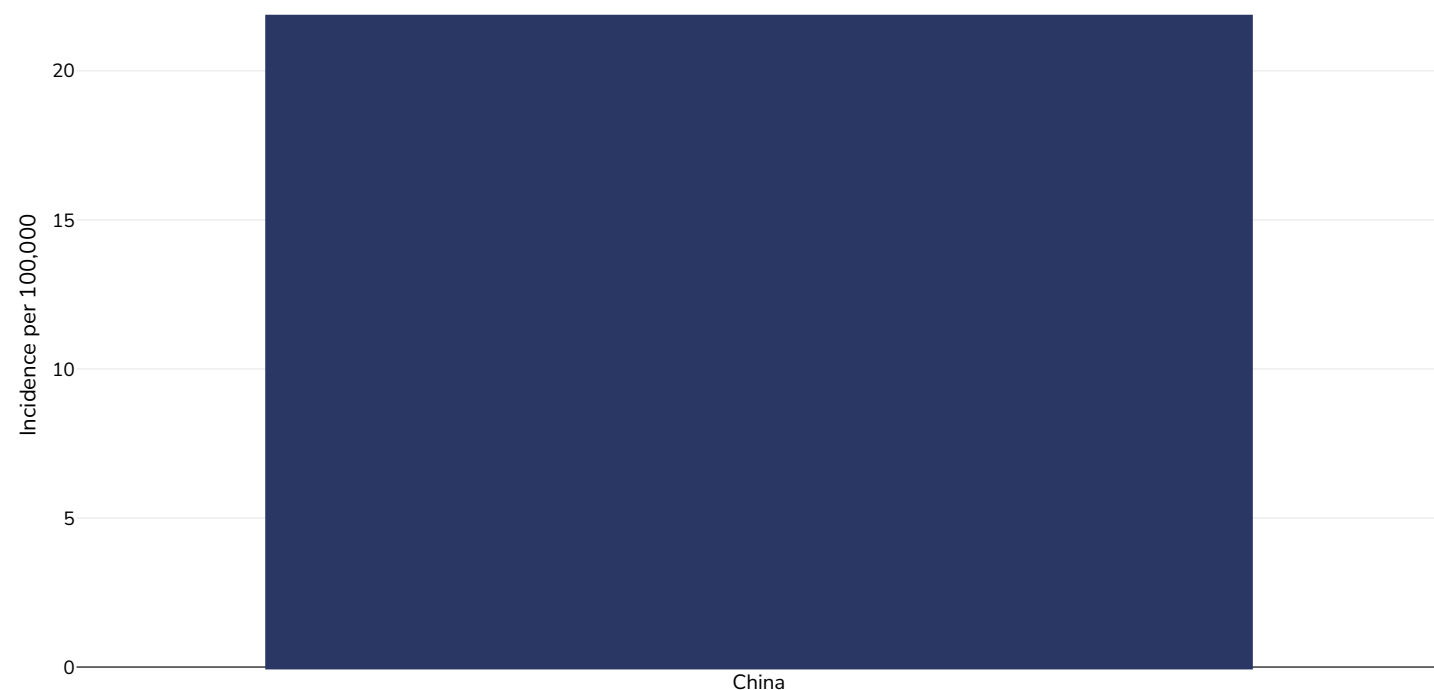
China Nutrition and Health Surveillance of Children and Lactating Women 2016–2017

Notes:

Full details are available. Original citation United Nations Children's Fund, Division of Data, Analysis, Planning and Monitoring (2023). Global UNICEF Global Databases: Infant and Young Child Feeding: Exclusive breastfeeding, New York, October 2023.

# Oesophageal 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: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Indicence per 100,000

## Women, 2022



Age: 20+

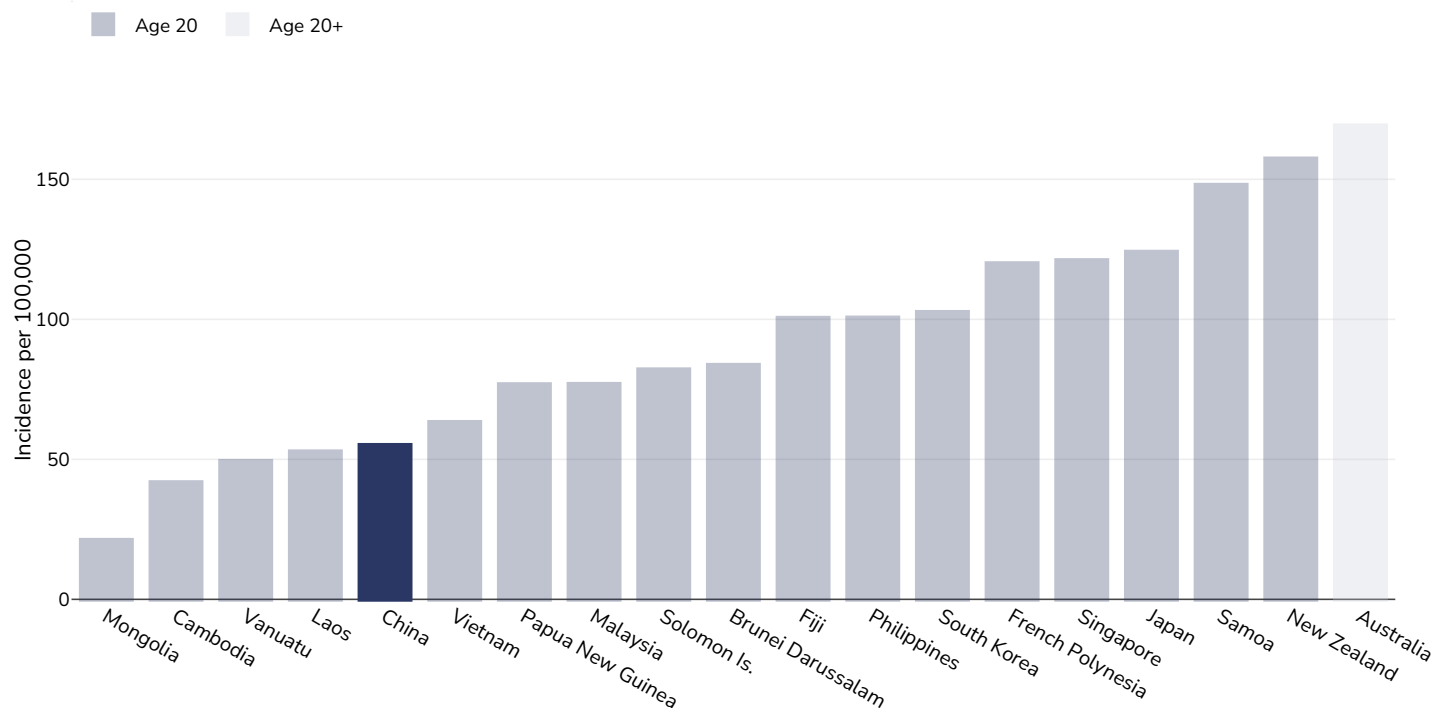
Area covered: National

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: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

## Breast cancer

### Women, 2022



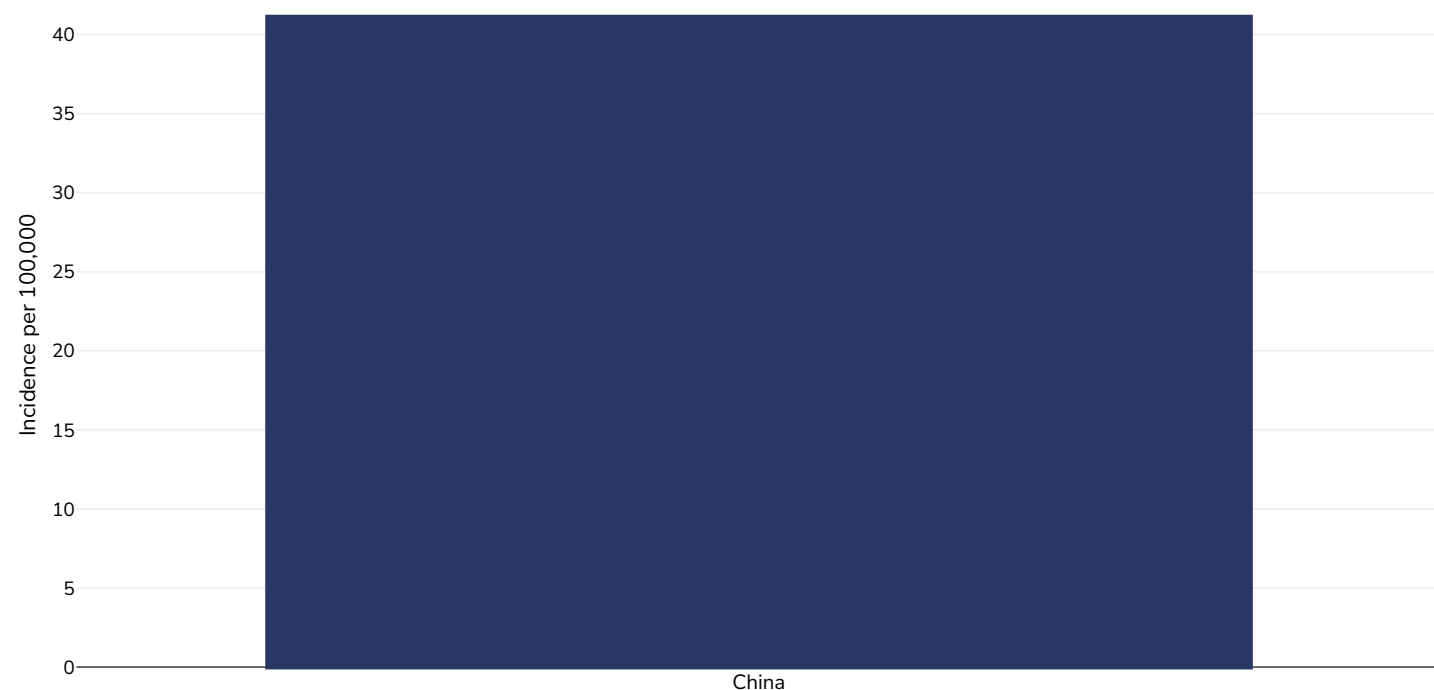
Area covered: National

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: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

## Colorectal cancer

Men, 2022



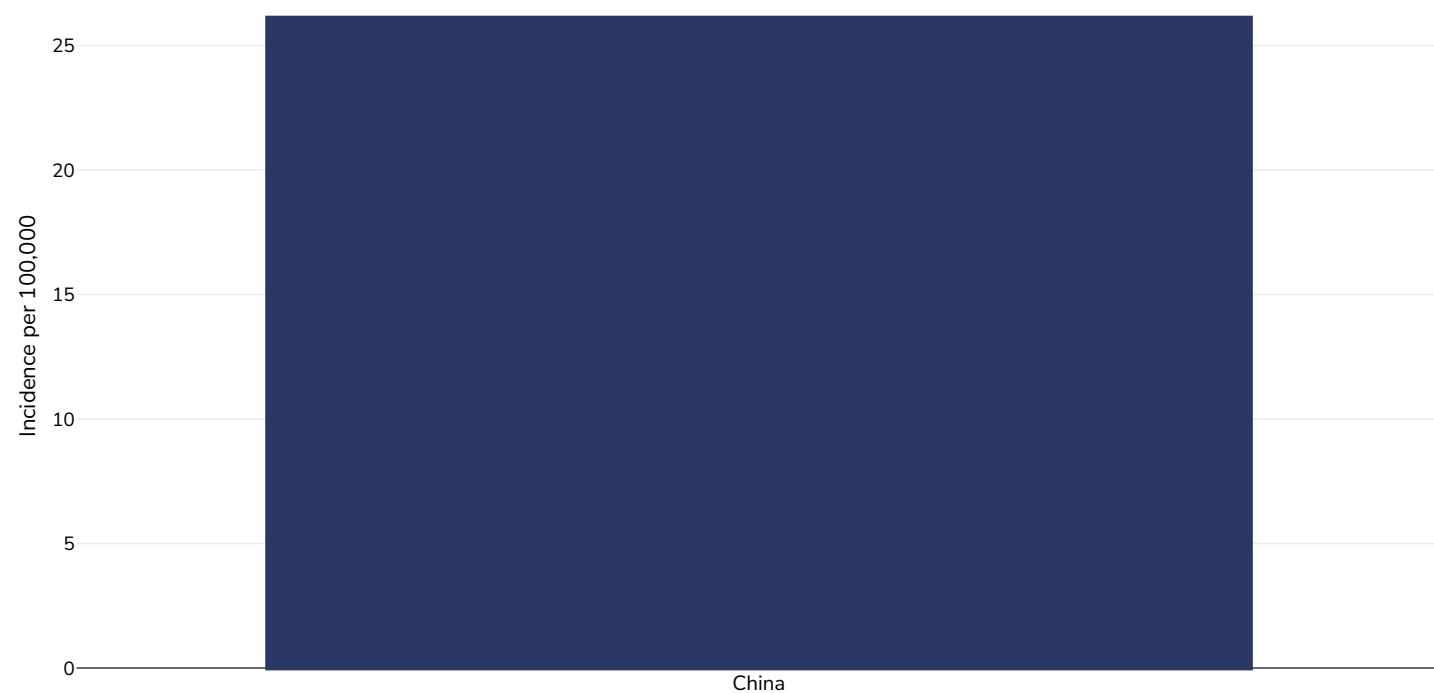
Age: 20+

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: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

## Women, 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: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

## Pancreatic cancer

### Men, 2022



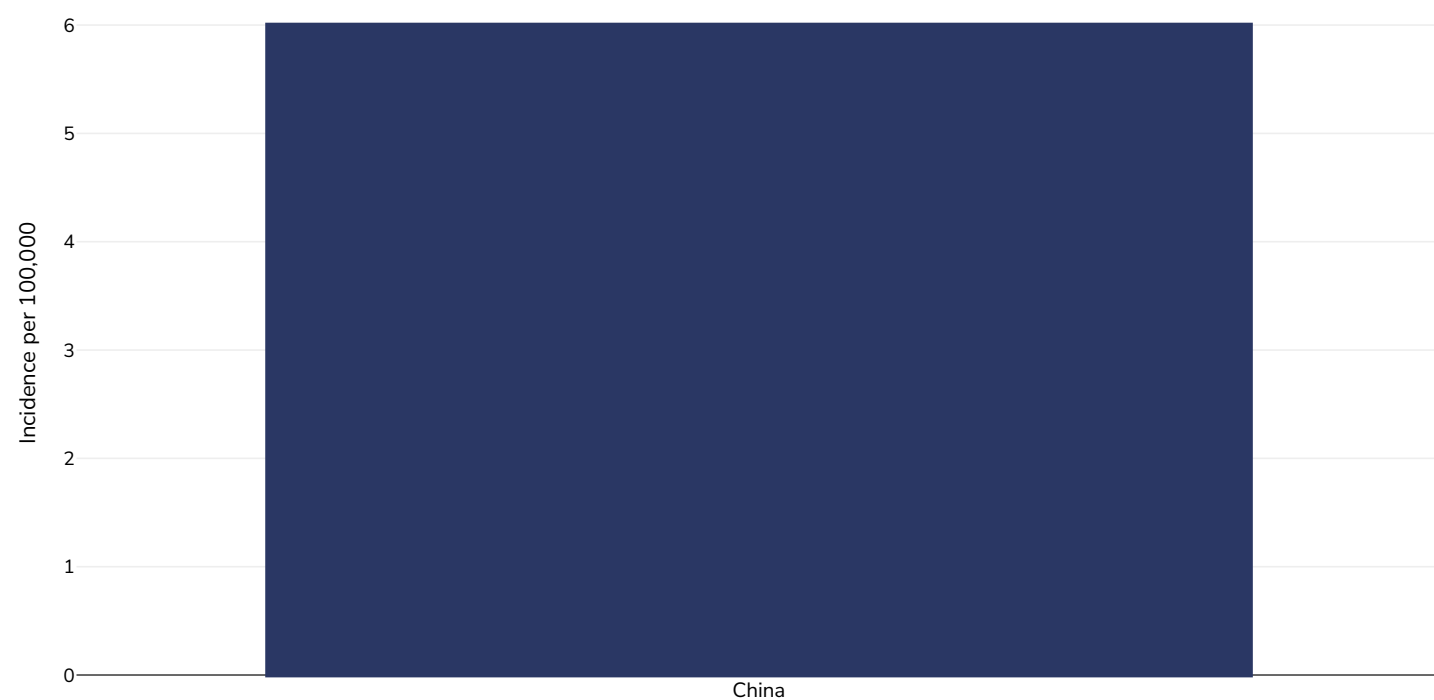
Age: 20+

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: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

## Women, 2022



Age: 20+

Area covered: National

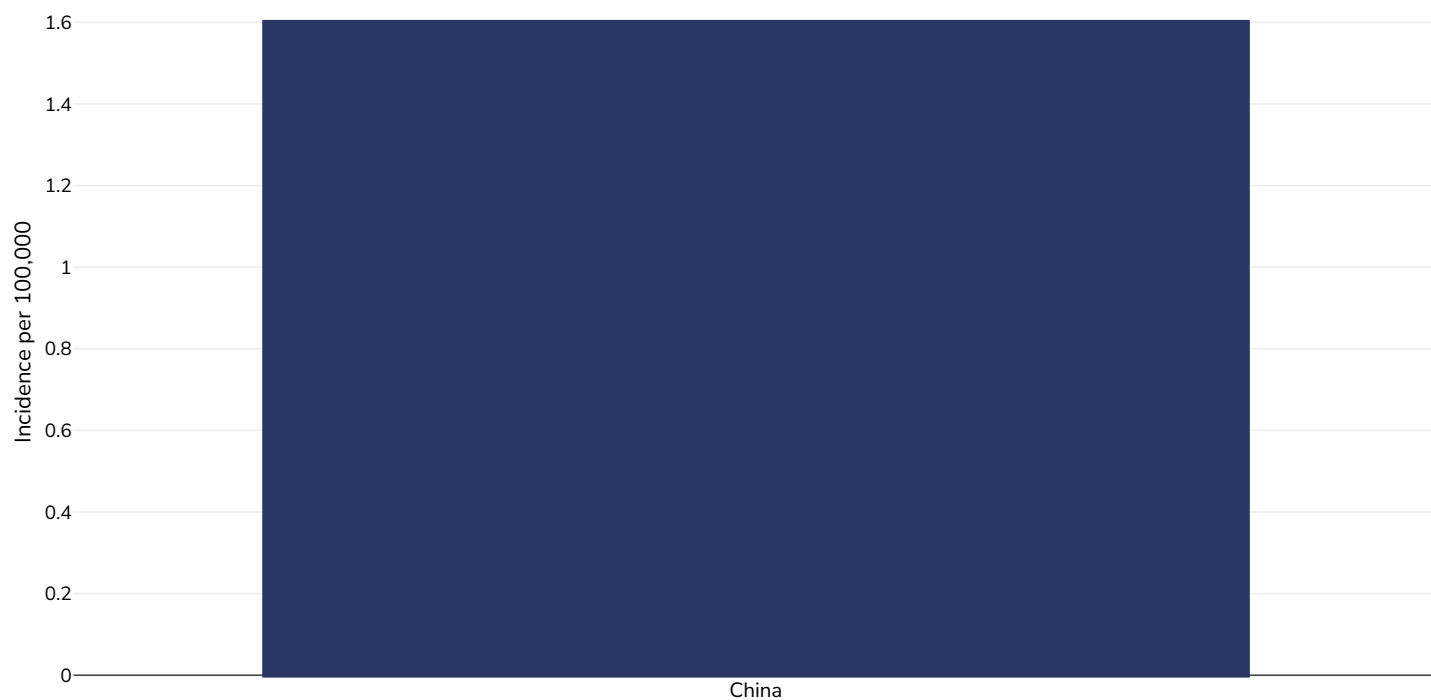
References: Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000



## Gallbladder cancer

### Men, 2022



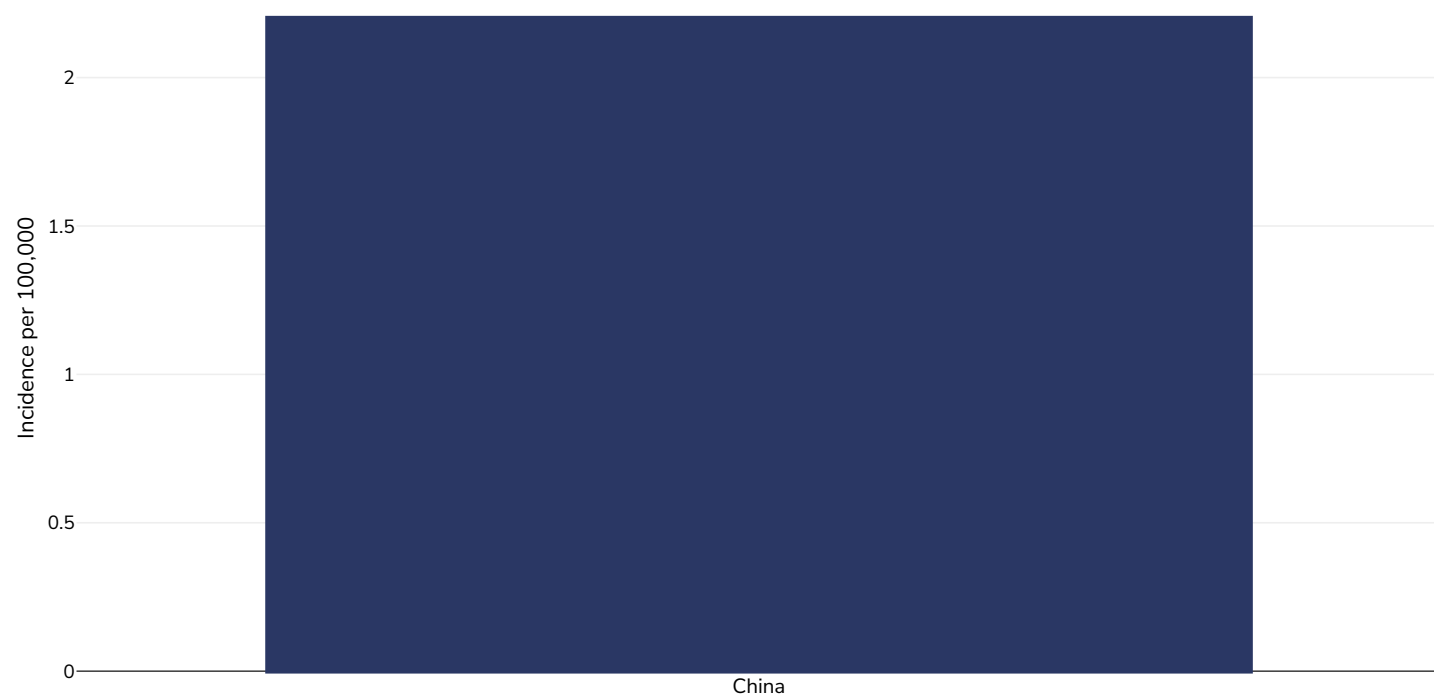
Age: 20+

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: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

## Women, 2022



Age: 20+

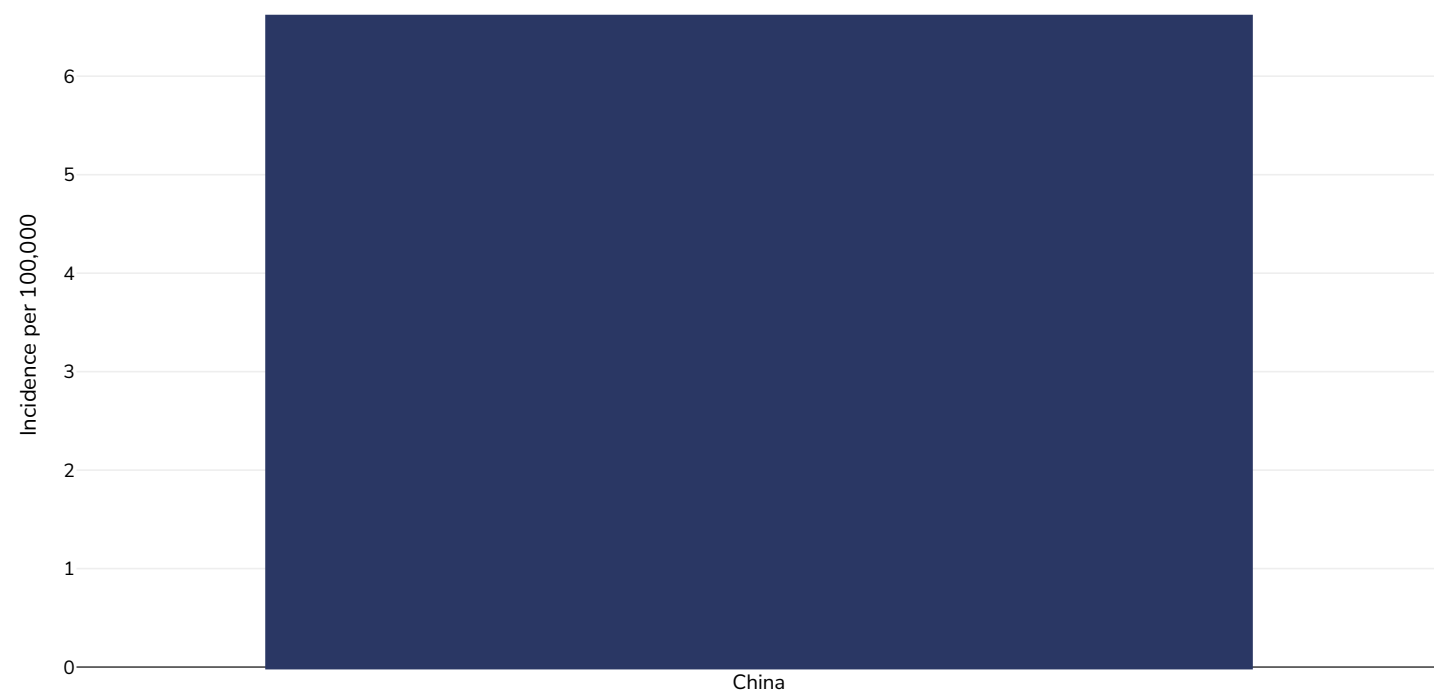
Area covered: National

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: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Indicence per 100,000

## Kidney cancer

Men, 2022



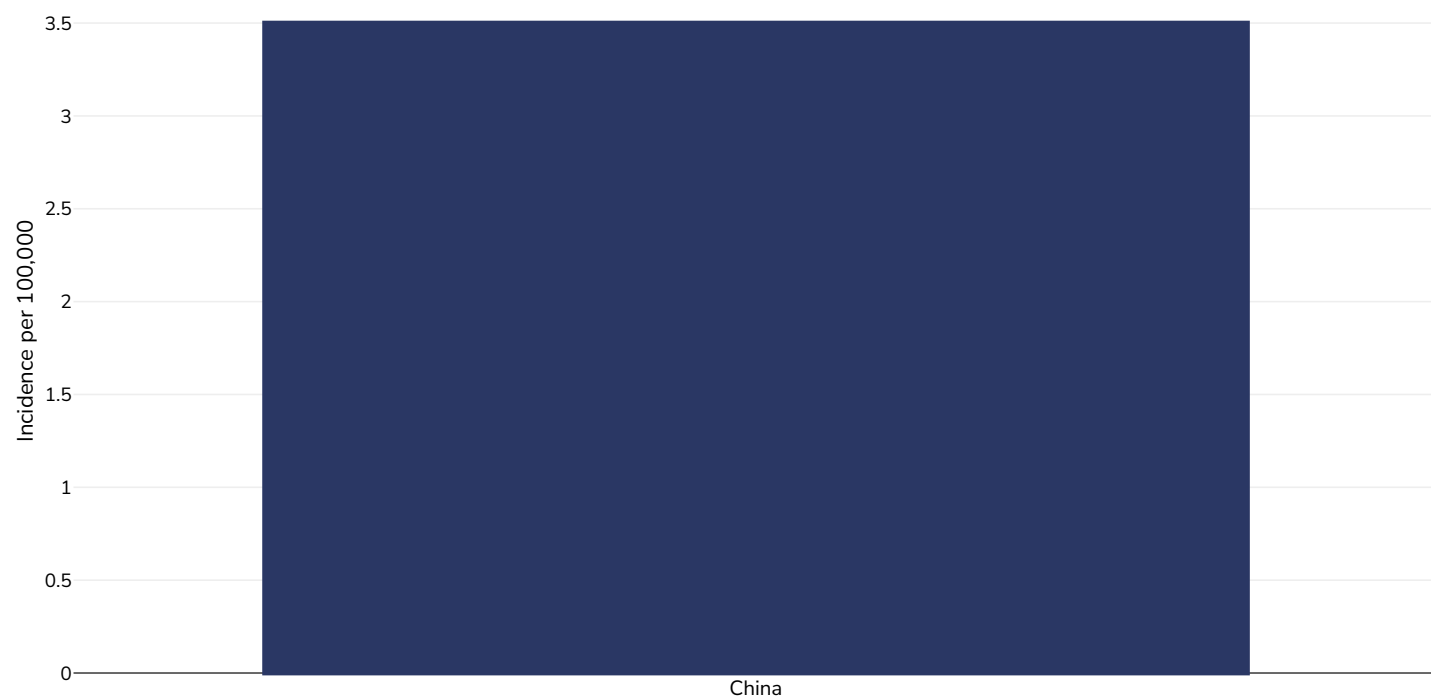
Age: 20+

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: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

## Women, 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: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

## Cancer of the uterus

### Women, 2022



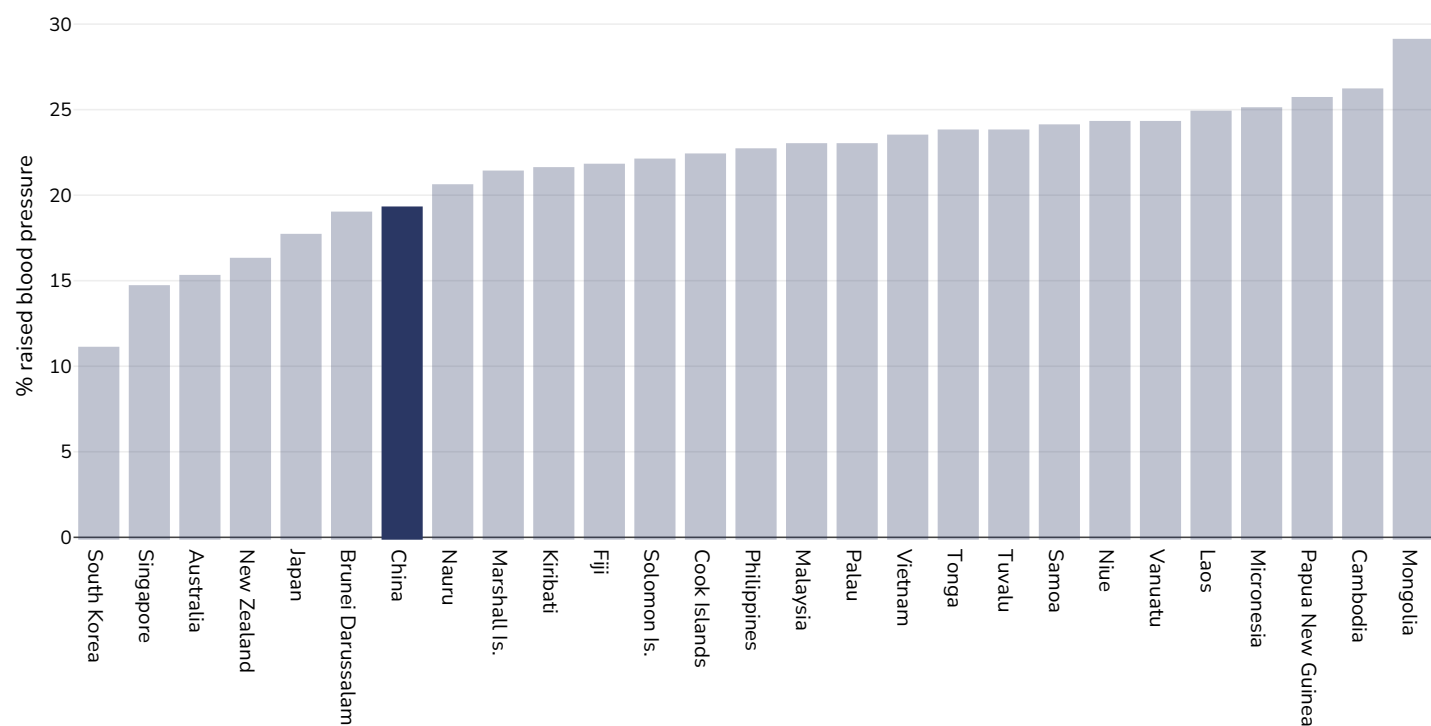
Age: 20+

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



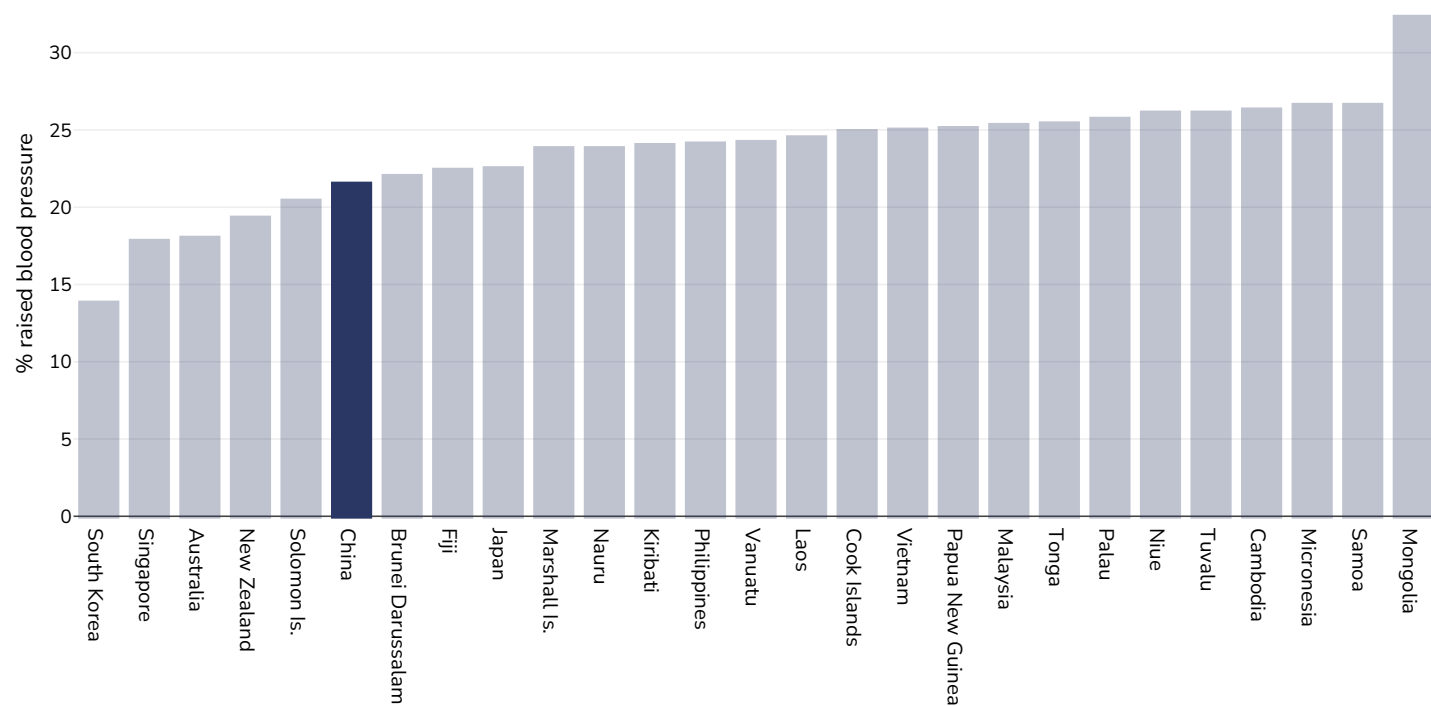
#### References:

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 $\geq$ 140 OR DBP $\geq$ 90).

## Men, 2015



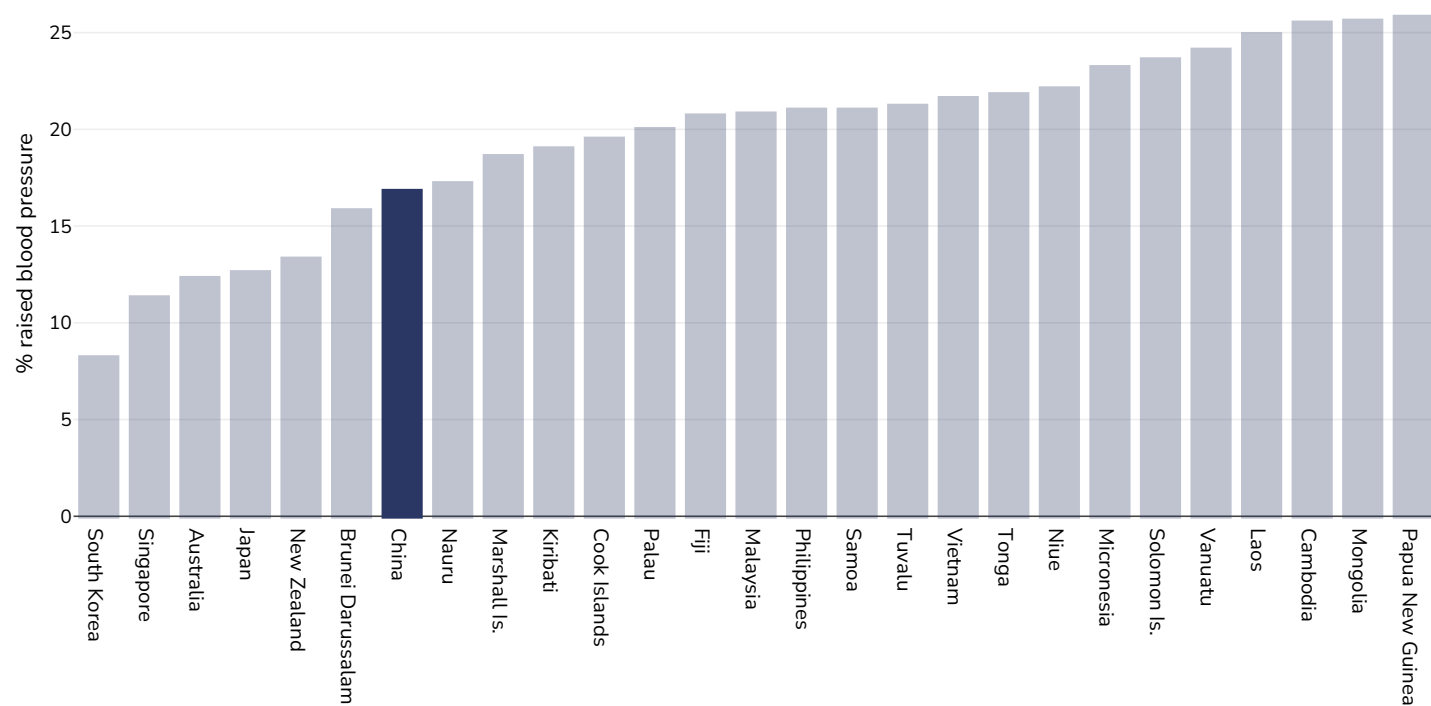
### References:

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 $\geq$ 140 OR DBP $\geq$ 90).

## Women, 2015



References:

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

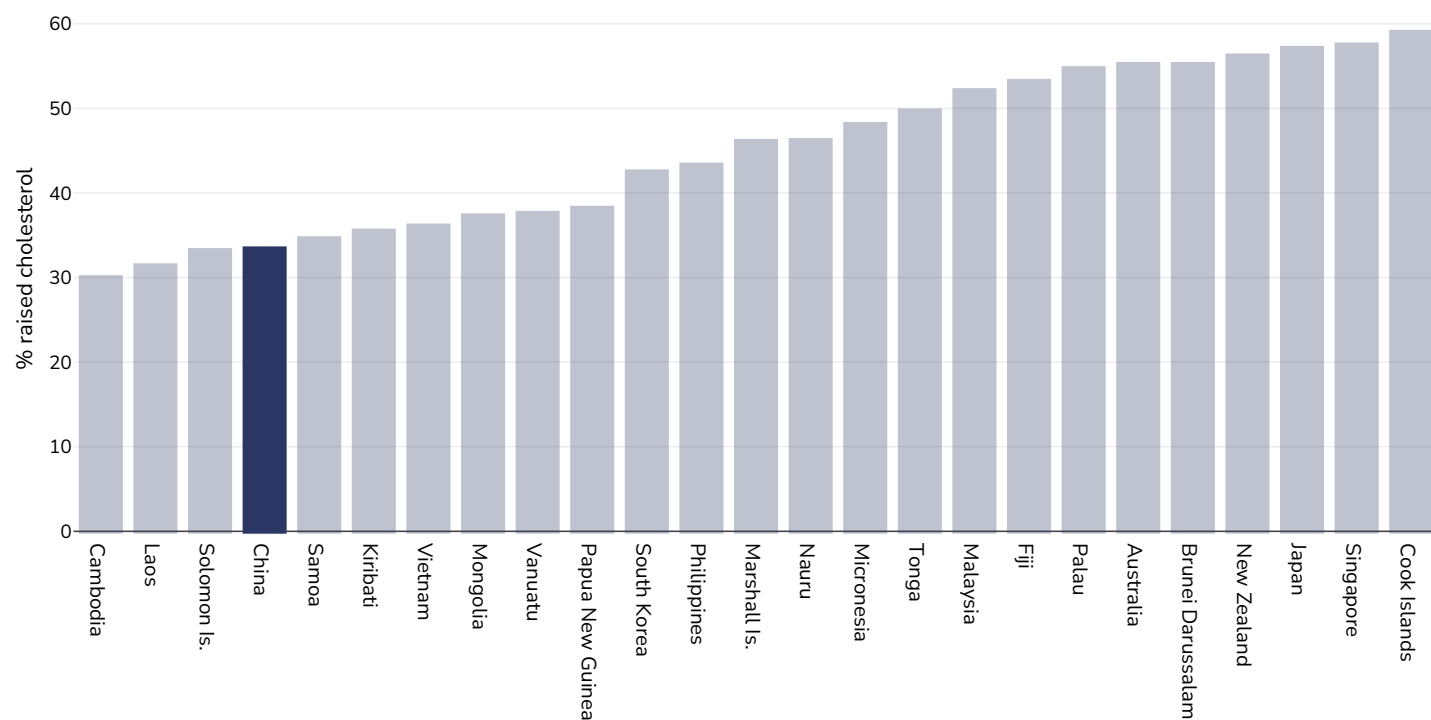
Definitions:

Age Standardised estimated % Raised blood pressure 2015 (SBP $\geq$ 140 OR DBP $\geq$ 90).



## Raised cholesterol

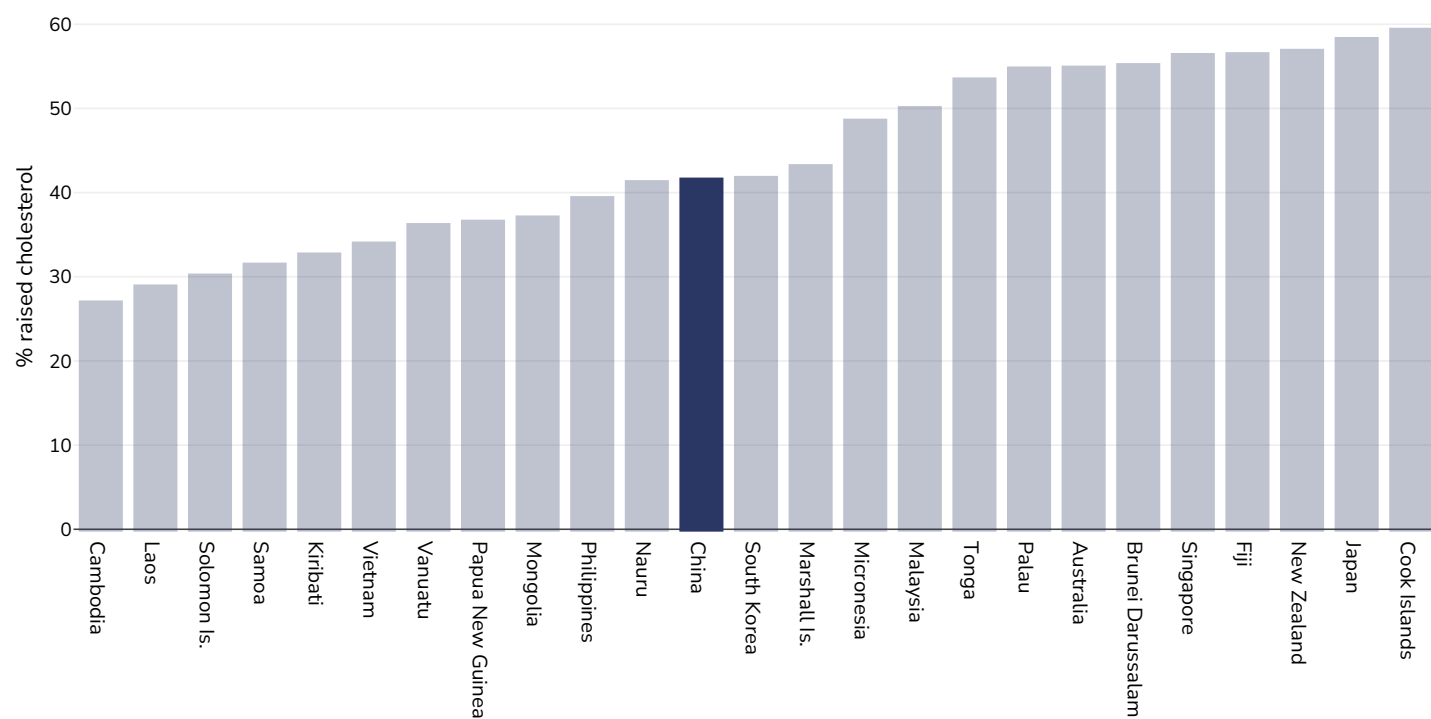
### Adults, 2008



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

Definitions: % Raised total cholesterol ( $\geq 5.0$  mmol/L) (age-standardized estimate).

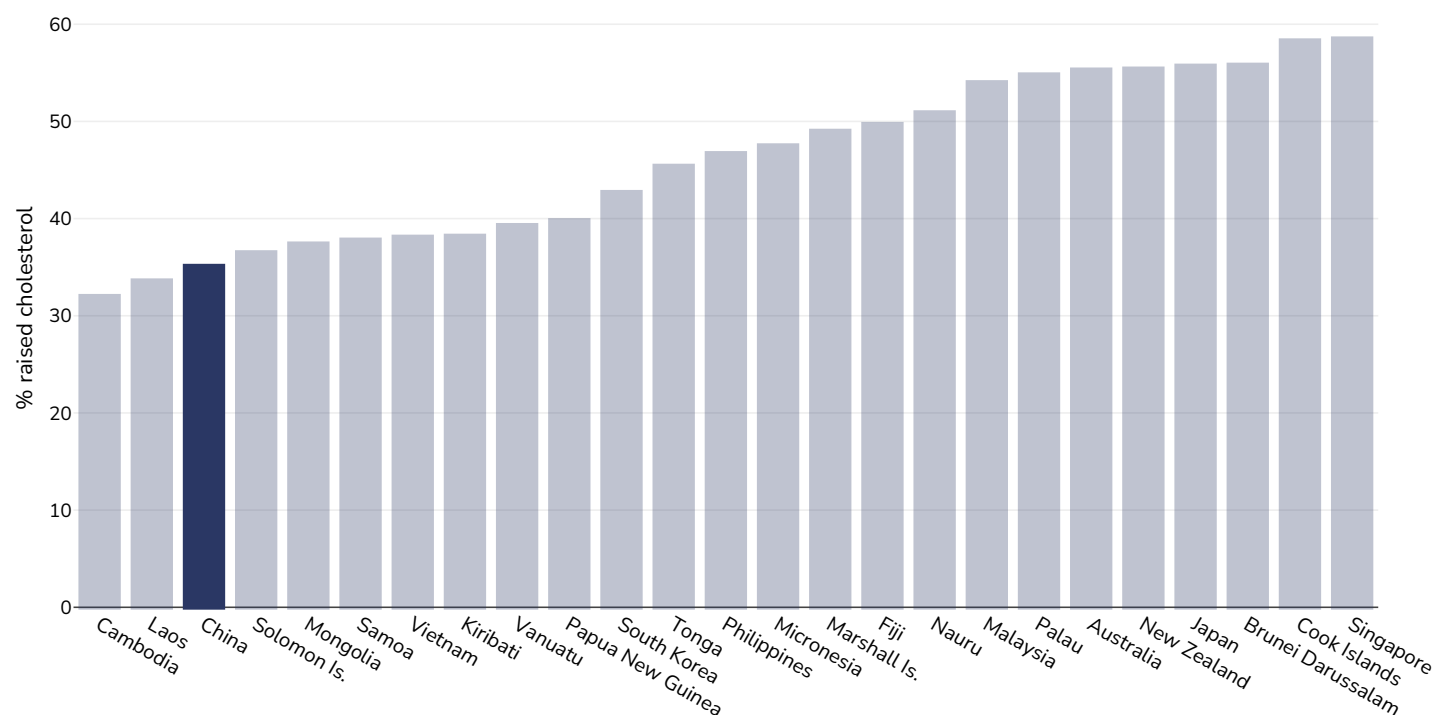
## Men, 2008



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

Definitions: % Raised total cholesterol ( $\geq 5.0$  mmol/L) (age-standardized estimate).

## Women, 2008

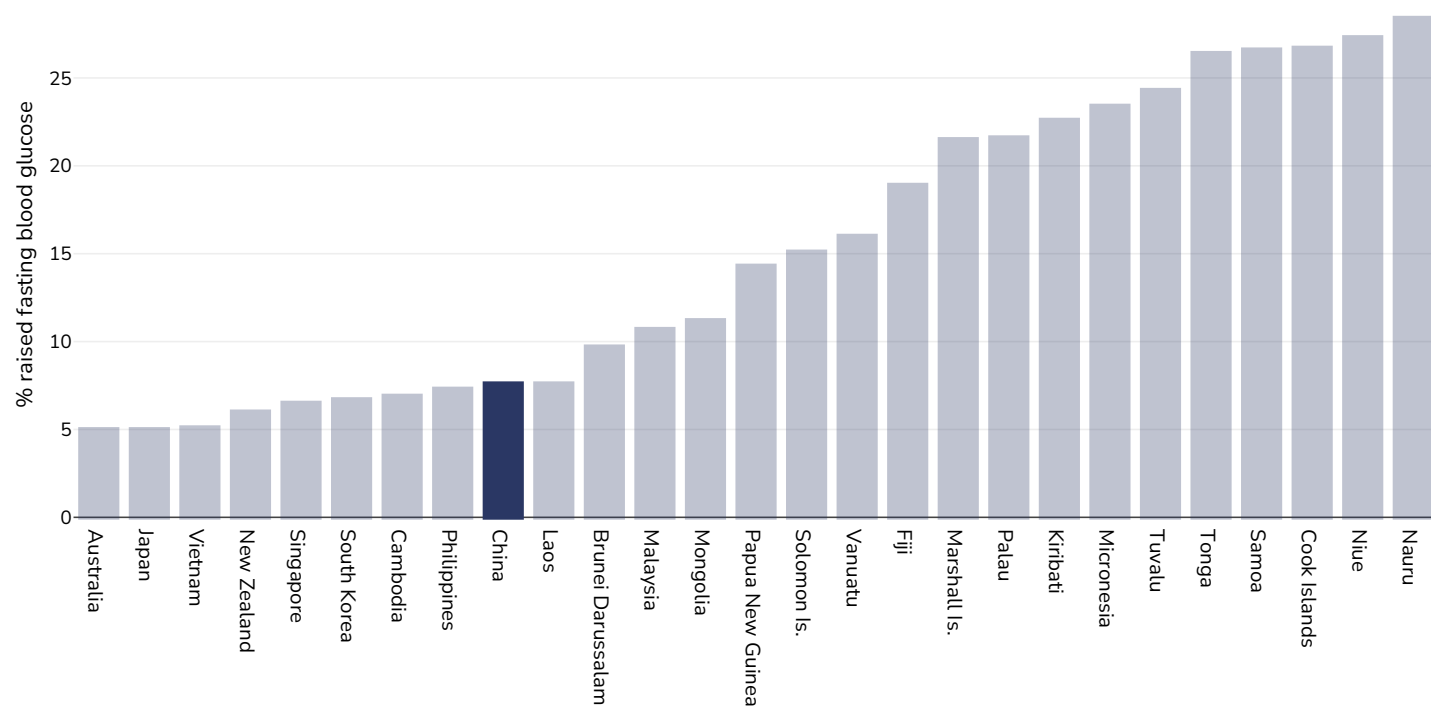


References: Global Health Observatory data repository, World Health Organisation, <http://apps.who.int/gho/data/node.main.A885>

Definitions: % Raised total cholesterol ( $\geq 5.0$  mmol/L) (age-standardized estimate).

## Raised fasting blood glucose

Men, 2014



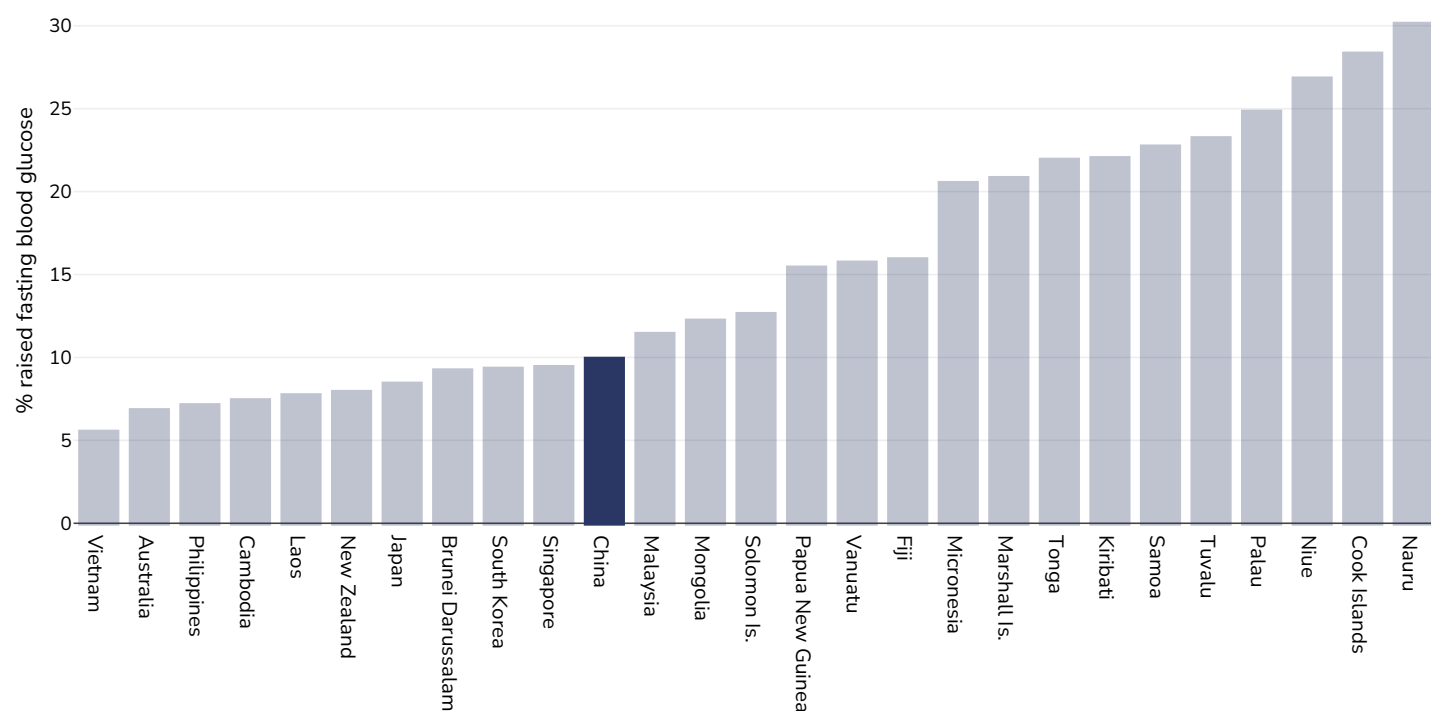
References:

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 ( $\geq 7.0$  mmol/L or on medication).

## Women, 2014



References:

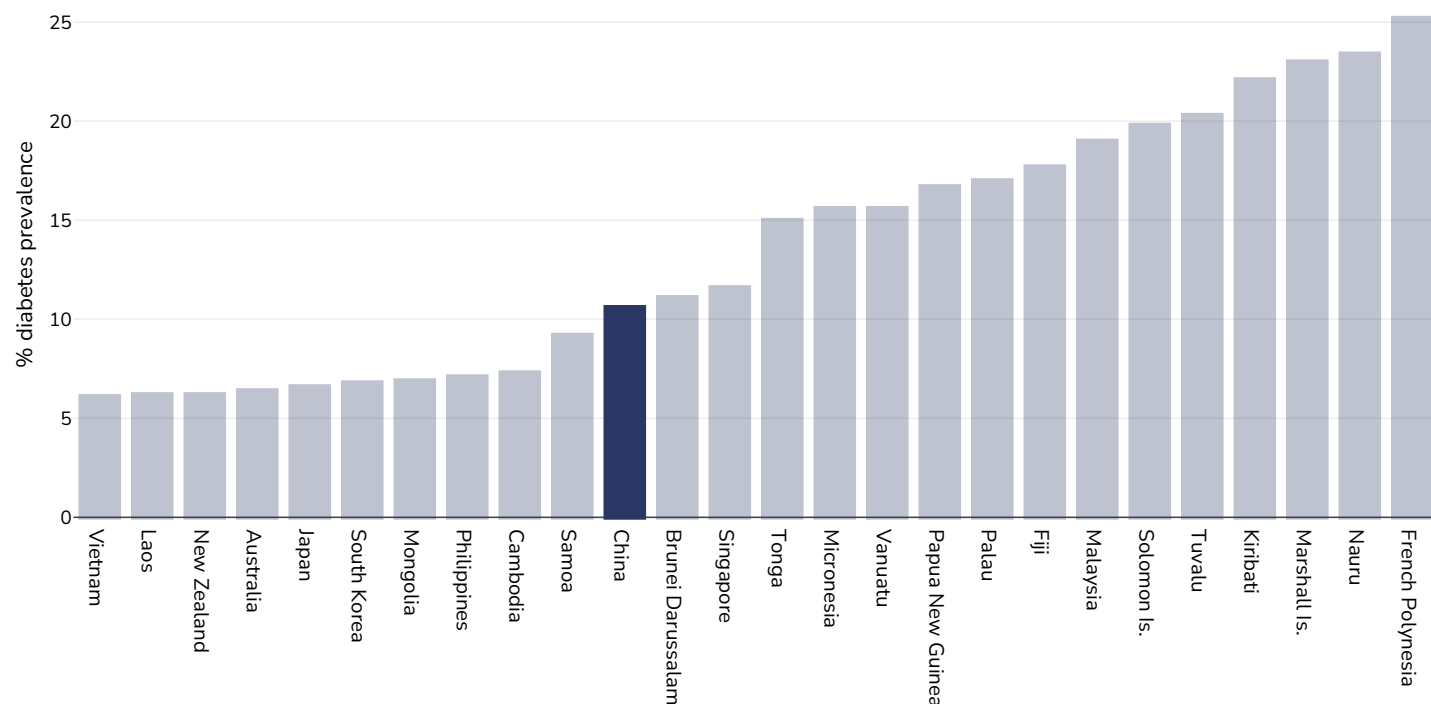
Global Health Observatory data repository, World Health Organisation,  
<http://apps.who.int/gho/data/node.main.A869?lang=en>

Definitions:

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

## Diabetes prevalence

### Adults, 2021



Age: 20-79

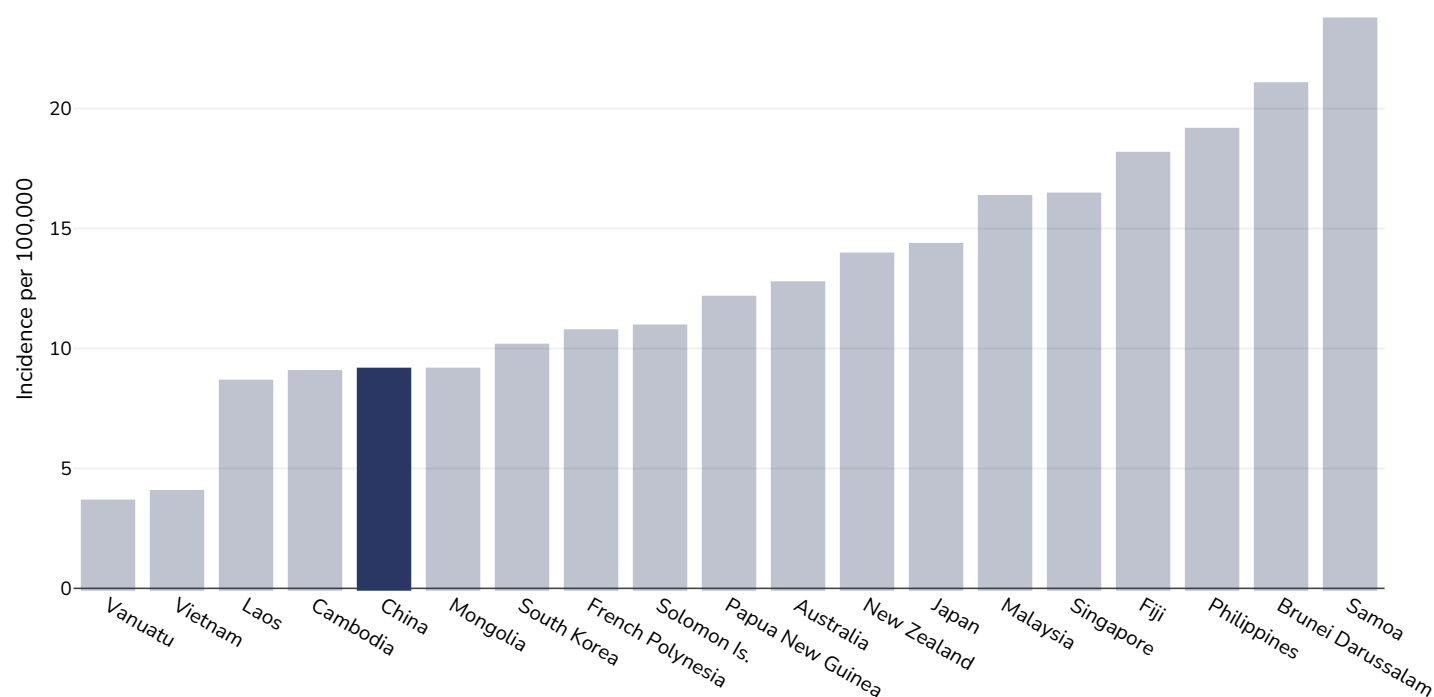
Area covered: National

References: Reproduced with kind permission International Diabetes Federation. IDF Diabetes Atlas, 10th edn. Brussels, Belgium:International Diabetes Federation, 2021. <http://www.diabetesatlas.org>

Definitions: Age-adjusted comparative prevalence of diabetes, %

## Ovarian Cancer

Women, 2022



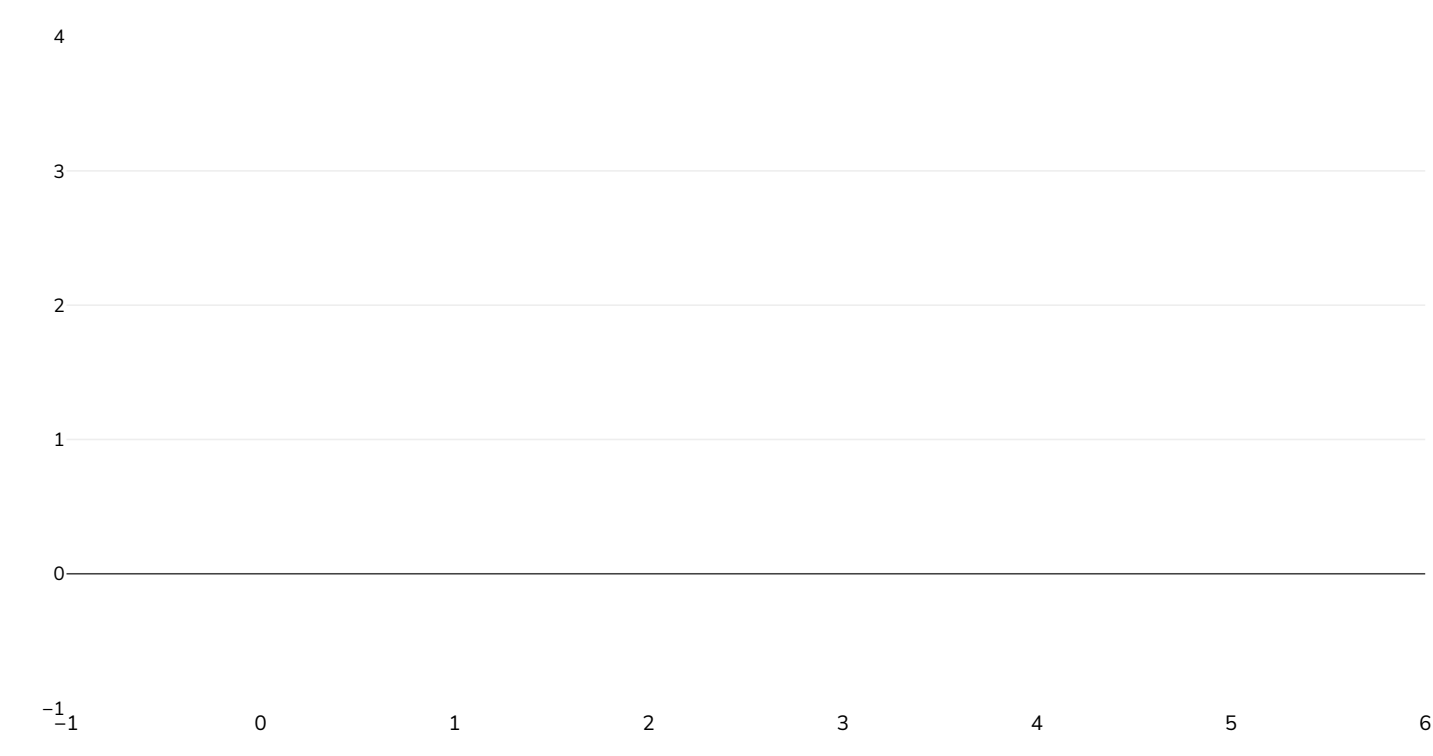
Age: 20+

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

Leukemia

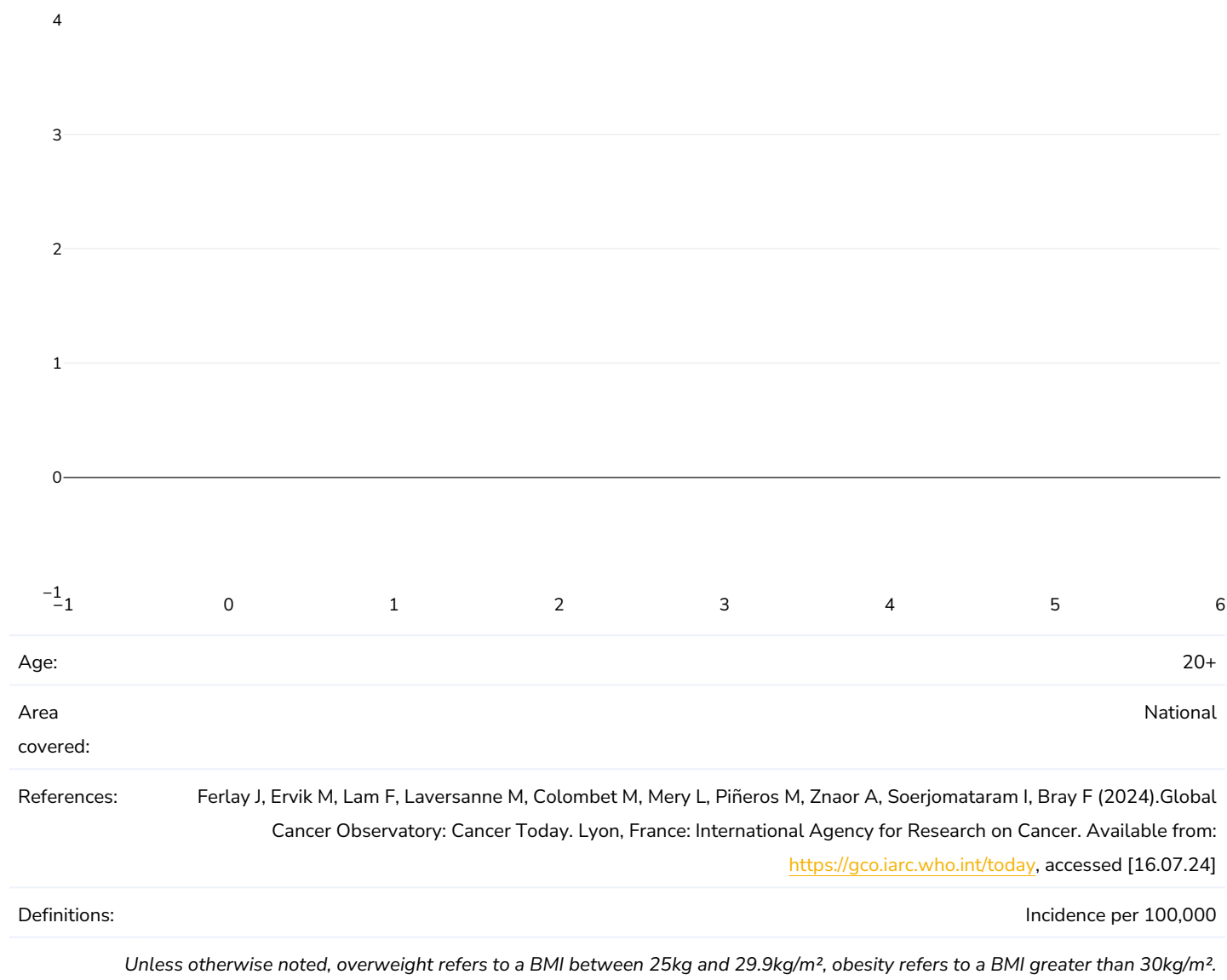
Men, 2022



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/m², obesity refers to a BMI greater than 30kg/m².	

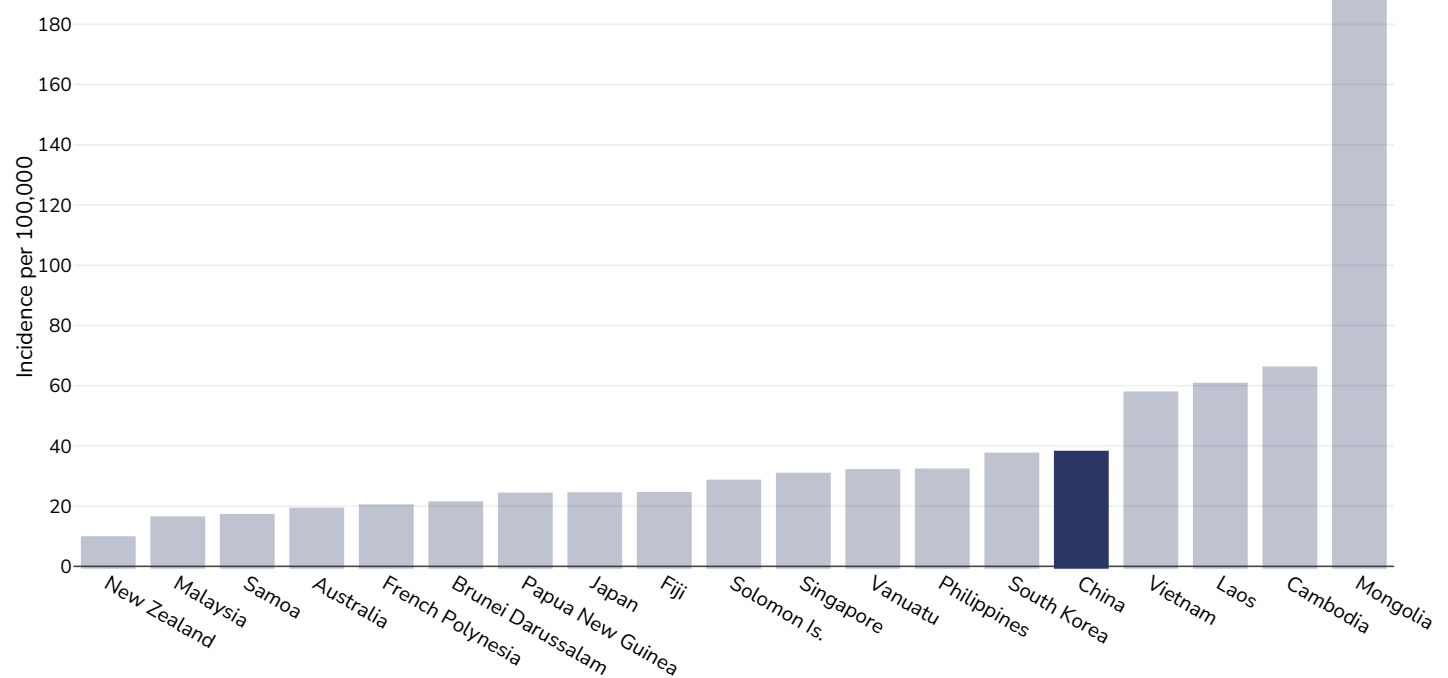


## Women, 2022



## Liver and intrahepatic bile duct Cancer

Men, 2022



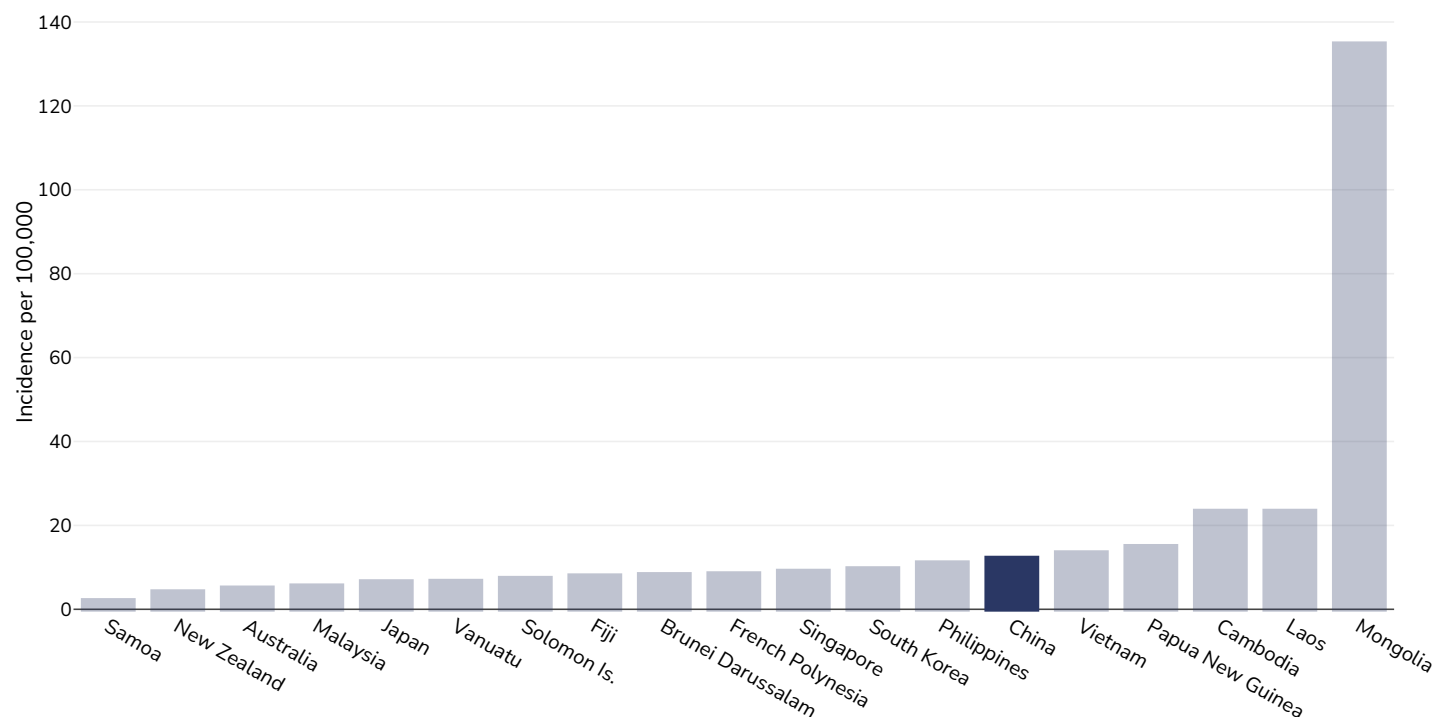
Age: 20+

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: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

## Women, 2022



Age: 20+

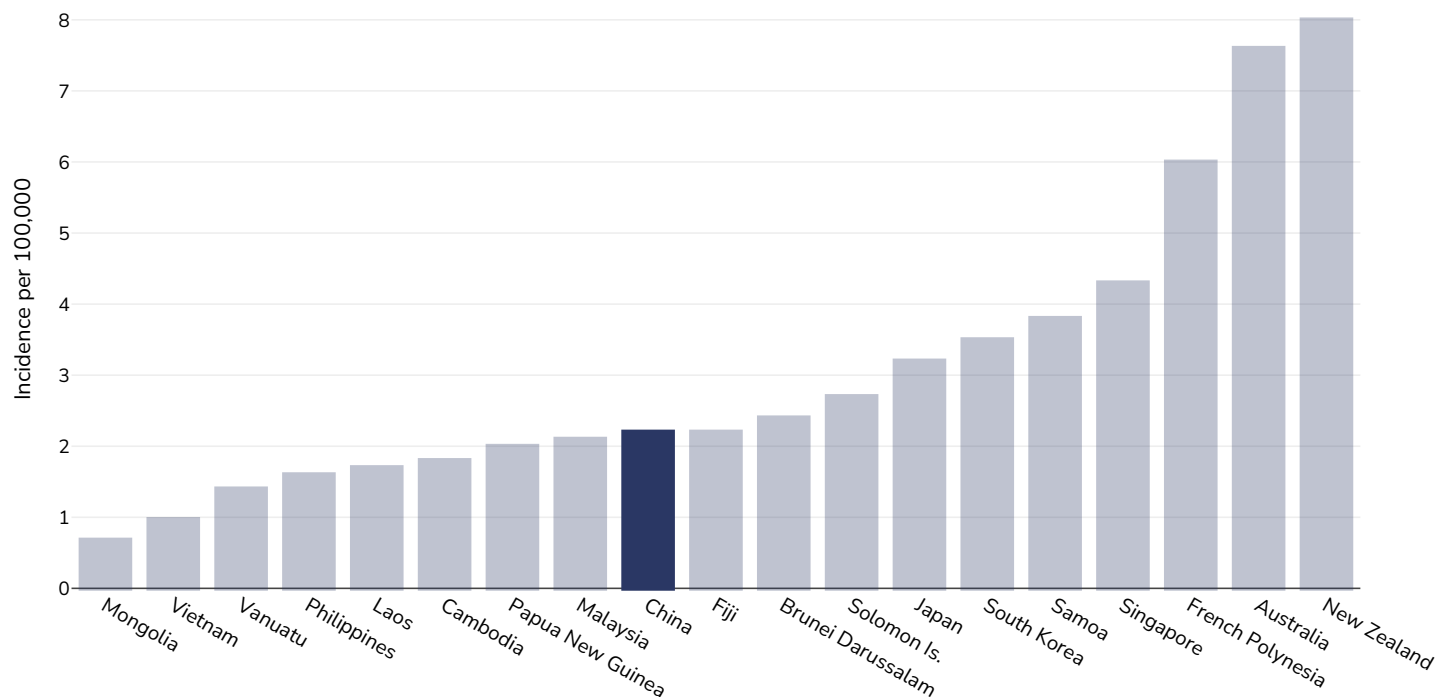
Area covered: National

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: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

## Multiple Myeloma

Men, 2022



Age: 20+

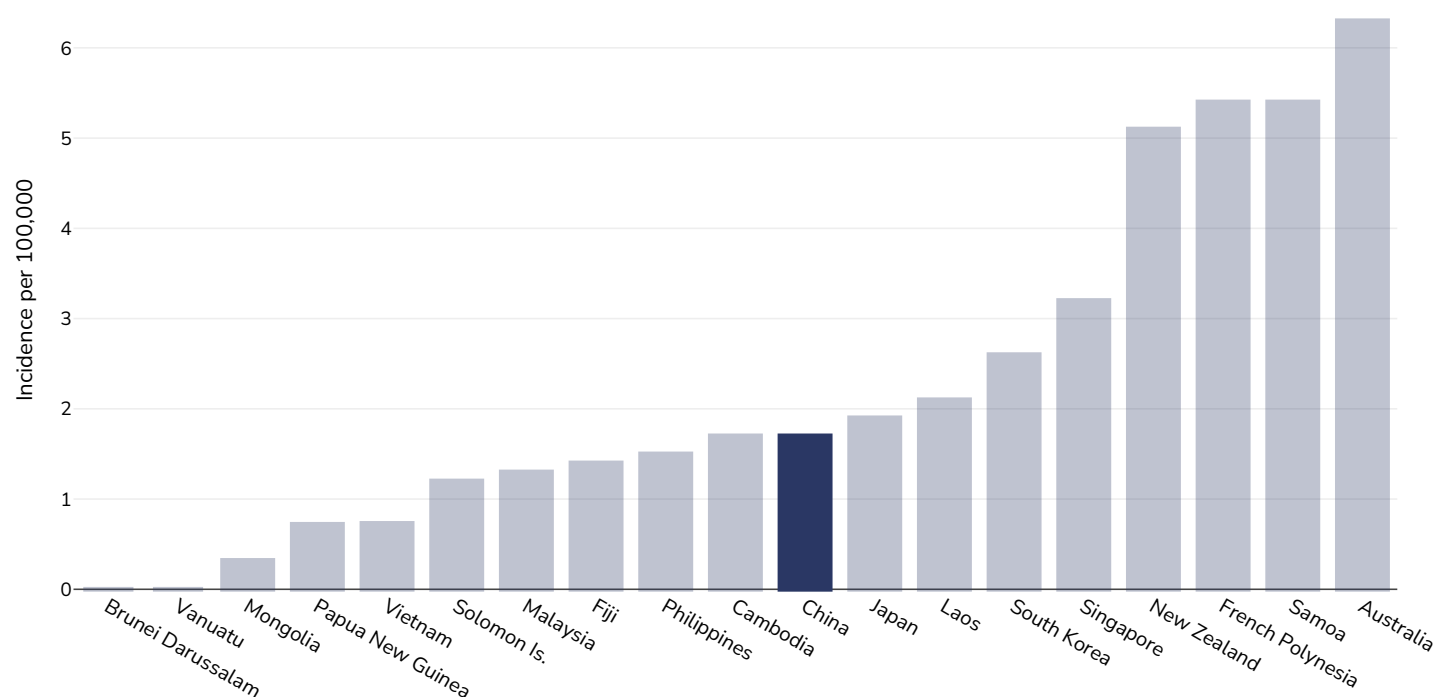
Area covered: National

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: <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<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.

## Women, 2022



Age: 20+

Area covered: National

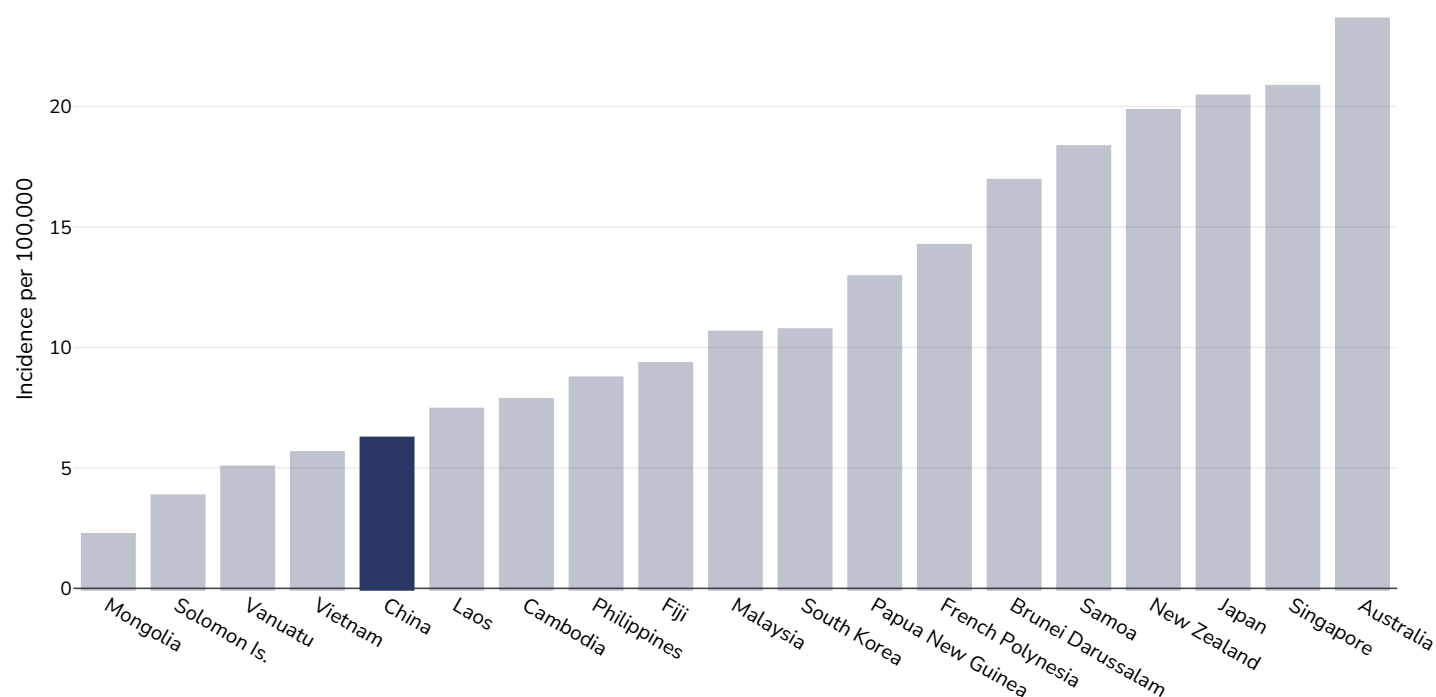
References: Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.

## Non Hodgkin Lymphoma

Men, 2022



Age: 20+

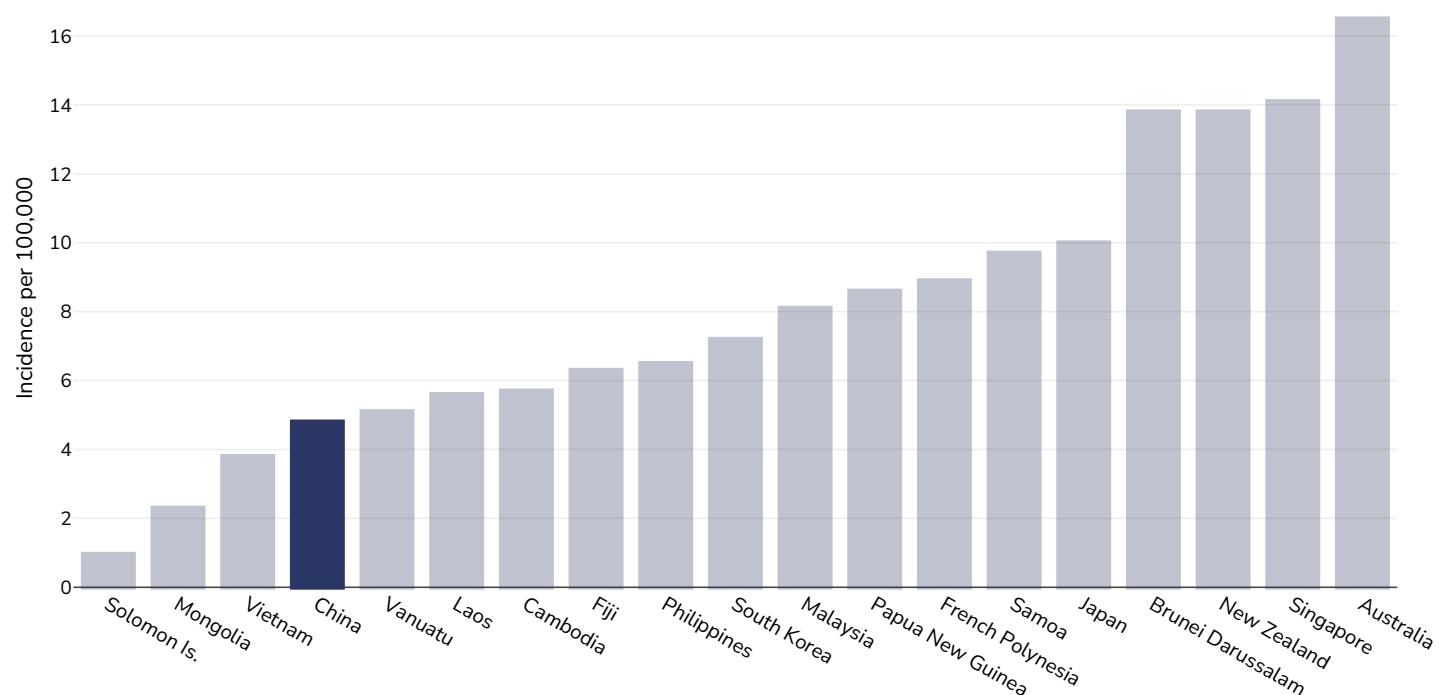
Area covered: National

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: <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<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.

## Women, 2022



Age: 20+

Area covered: National

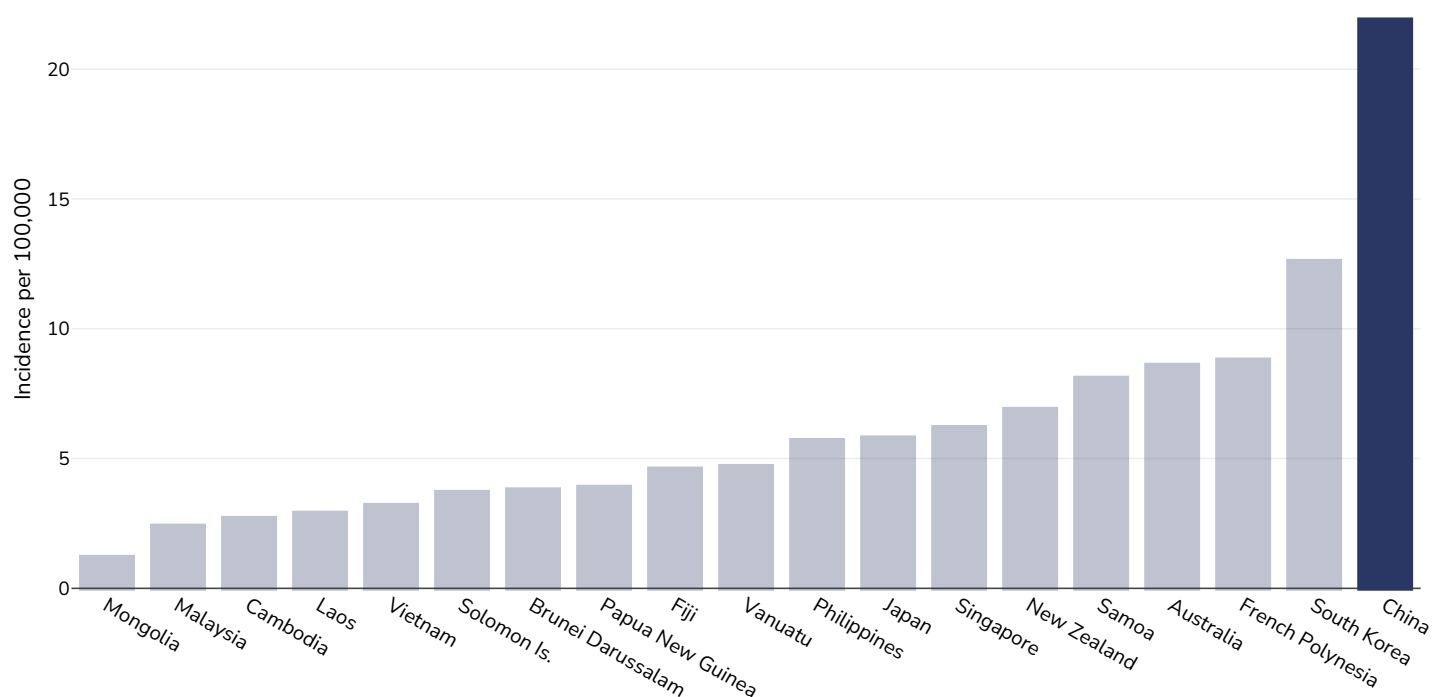
References: Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.

## Thyroid Cancer

Men, 2022



Age: 20+

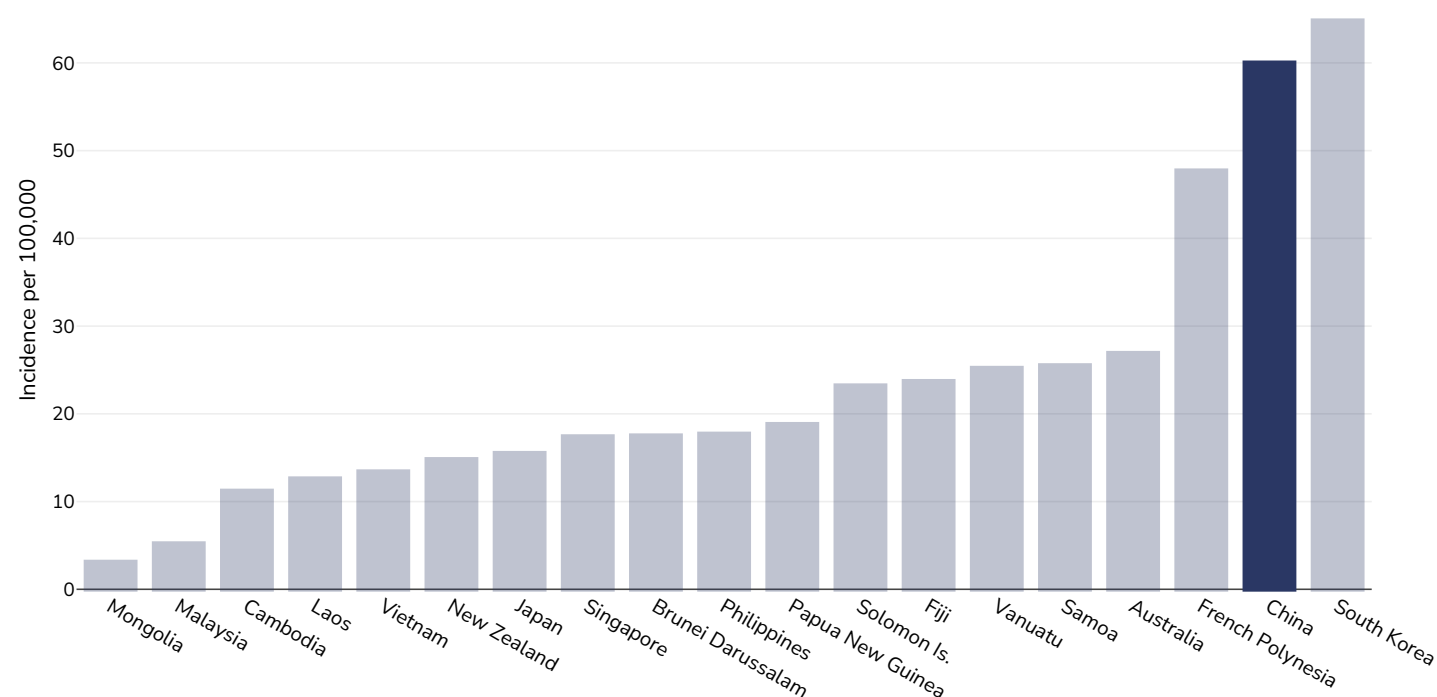
Area covered: National

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: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000



## Women, 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: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

## Contextual factors

**Disclaimer:** These contextual factors should be interpreted with care. Results are updated as regularly as possible and use very specific criteria. The criteria used and full definitions are available for download at the bottom of this page.



### Labelling

Is there mandatory nutrition labelling?	✓
Front-of-package labelling?	✓ <sub>v</sub>
Back-of-pack nutrition declaration?	✓
Color coding?	✗
Warning label?	✗



## Regulation and marketing

<b>Are there fiscal policies on unhealthy products?</b>	<b>×</b>
Tax on unhealthy foods?	×
Tax on unhealthy drinks?	×
<b>Are there fiscal policies on healthy products?</b>	<b>×</b>
Subsidy on fruits?	×
Subsidy on vegetables?	×
Subsidy on other healthy products?	×
<b>Mandatory limit or ban of trans fat (all settings)?</b>	<b>×</b>
Mandatory limit of trans fats in place (all settings)?	×
Ban on trans-fats or phos in place (all settings)?	×
<b>Are there any mandatory policies/marketing restrictions on the promotion of unhealthy food/drinks to children?</b>	<b>×</b>
Mandatory restriction on broadcast media?	×
Mandatory restriction on non-broadcast media?	×
Voluntary policies/marketing restrictions on the promotion of unhealthy food/drinks to children?	×
<b>Are there mandatory standards for food in schools?</b>	<b>×</b>
<b>Are there any mandatory nutrient limits in any manufactured food products?</b>	<b>×</b>
<b>Nutrition standards for public sector procurement?</b>	<b>×</b>



## Political will and support

National obesity strategy or nutrition and physical activity national strategy?	✓
National obesity strategy?	✓
National childhood obesity strategy?	✓
Comprehensive nutrition strategy?	✓
Comprehensive physical activity strategy?	✓
Evidence-based dietary guidelines and/or RDAs?	✓
National target(s) on reducing obesity?	✓
Guidelines/policy on obesity treatment?	✓
Promotion of breastfeeding?	✓



## Monitoring and surveillance

Monitoring of the prevalence and incidence for the main obesity-related NCDs and risk factors?	✓
Within 5 years?	✓



## Governance and resource

Multi-sectoral national co-ordination mechanism for obesity or nutrition (including obesity)?	✓
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### Key

✓ Present	✓ <sub>v</sub> Present (voluntary)	✓ Incoming	✗ Absent	? Unknown
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