

# Report card Philippines



# Lower-middle income

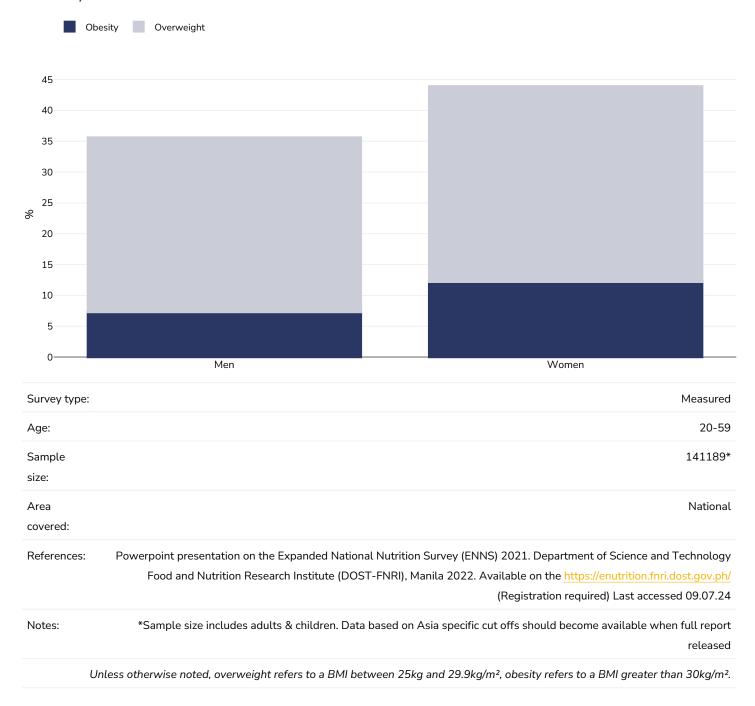
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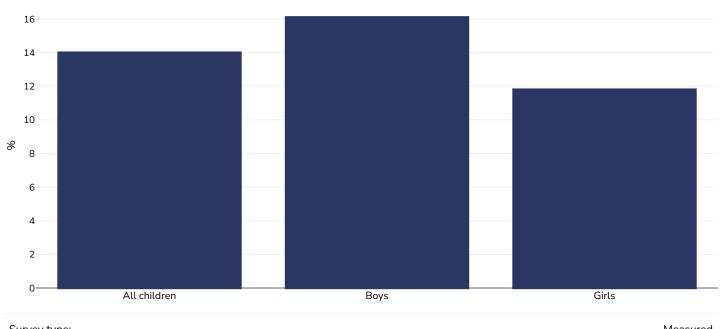
# **Obesity prevalence**

#### Adults, 2021





Overweight or obesity

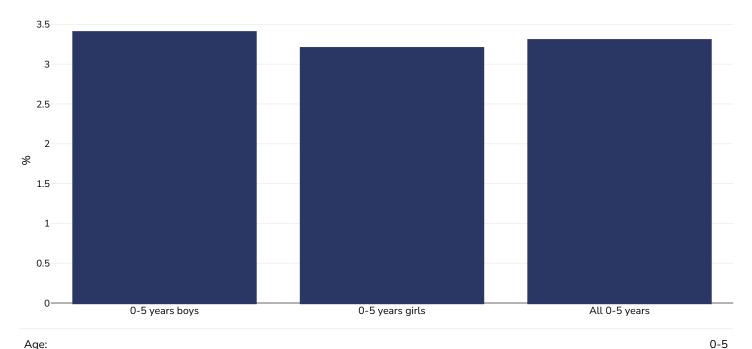


Survey type:	Measured
Age:	5-10
Sample size:	141189*
Area covered:	National
References:	Powerpoint presentation on the Expanded National Nutrition Survey (ENNS) 2021. Department of Science and Technology Food and Nutrition Research Institute (DOST-FNRI), Manila 2022. Available on the <a href="https://enutrition.fnri.dost.gov.ph/">https://enutrition.fnri.dost.gov.ph/</a> (Registration required) Last accessed 09.07.24
Notes:	*Sample size includes adults and children. Data based on Asia specific cut offs should become available when full report released
Cutoffs:	WHO



### 0-5 years, 2015

#### Overweight or obesity



Age:

10206885 Sample

size:

NNS: Philippines 2015 National Nutrition Survey - Updating Survey Results References:

UNICEF/WHO/World Bank Joint Child Malnutrition Estimates Expanded Database: Overweight (Survey Estimates), May 2023, Notes:

> New York. For more information about the methodology, please consult https://data.unicef.org/resources/jme-2023-countryconsultations/ 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.

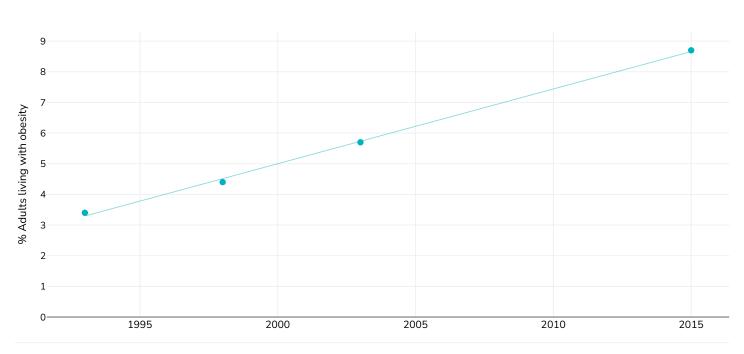
Definitions: =>+2SD



### % Adults living with obesity in the Philippines 1993-2013

#### Women

Obesity



Survey Measured type:

References:

1993: Solon FS. Nutrition related chronic diseases in the Philippines. Makati city, Philippines: Nutrition Center of the Philippines Report Series, vol 2, No.1, cited in Reference 53

1998: Data provided by the Philippean Depatment of Health, Dr C. Barbu, data reanalysed by Dr Charmaine Duante.

2003: <a href="http://www.fnri.dost.gov.ph/files/fnri%20files/nns/factsandfigures2003/anthropometric.pdf">http://www.fnri.dost.gov.ph/files/fnri%20files/nns/factsandfigures2003/anthropometric.pdf</a> (last accessed June 14th 2011)

2015: 2015 Philippine Anthropometric Survey.

http://enutrition.fnri.dost.gov.ph/site/preview.php?xx=%20uploads/2015\_ANTHROPOMETRIC\_SURVEY.pdf

2018: EXPANDED NATIONAL NUTRITION SURVEY: 2019 RESULTS. Available at

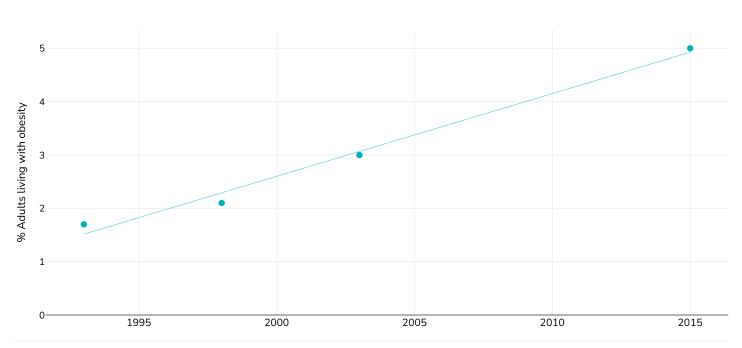
http://enutrition.fnri.dost.gov.ph/site/uploads/2018-2019%20ENNS%20FACTS%20&%20FIGURES.pdf (last accessed 14.09.22)

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 Measured

References:

type:

1993: Solon FS. Nutrition related chronic diseases in the Philippines. Makati city, Philippines: Nutrition Center of the Philippines Report Series, vol 2, No.1, cited in Reference 53

1998: Data provided by the Philippean Depatment of Health, Dr C. Barbu, data reanalysed by Dr Charmaine Duante.

2003: <a href="http://www.fnri.dost.gov.ph/files/fnri%20files/nns/factsandfigures2003/anthropometric.pdf">http://www.fnri.dost.gov.ph/files/fnri%20files/nns/factsandfigures2003/anthropometric.pdf</a> (last accessed June 14th 2011)

2015: 2015 Philippine Anthropometric Survey.

 $\underline{\text{http://enutrition.fnri.dost.gov.ph/site/preview.php?xx=\%20uploads/2015\_ANTHROPOMETRIC\_SURVEY.pdf} \\$ 

2018: EXPANDED NATIONAL NUTRITION SURVEY: 2019 RESULTS. Available at

http://enutrition.fnri.dost.gov.ph/site/uploads/2018-2019%20ENNS%20FACTS%20&%20FIGURES.pdf (last accessed 14.09.22)

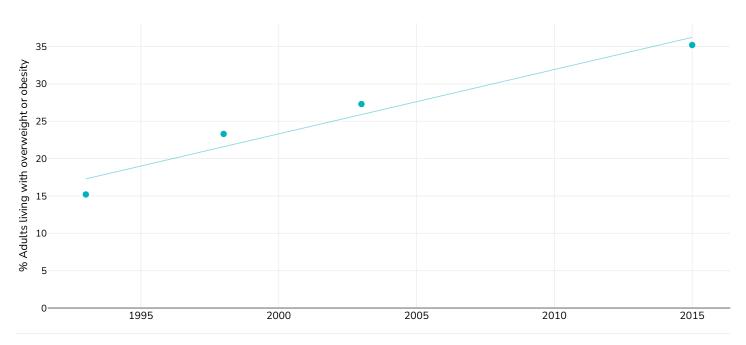
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



# % Adults living with overweight or obesity in the Philippines 1993-2013

#### Women

Overweight or obesity



Survey Measured type:

References:

1993: Solon FS. Nutrition related chronic diseases in the Philippines. Makati city, Philippines: Nutrition Center of the Philippines Report Series, vol 2, No.1, cited in Reference 53

1998: Data provided by the Philippean Department of Health, Dr C. Barbu, data reanalysed by Dr Charmaine Duante.

2003: <a href="http://www.fnri.dost.gov.ph/files/fnri%20files/nns/factsandfigures2003/anthropometric.pdf">http://www.fnri.dost.gov.ph/files/fnri%20files/nns/factsandfigures2003/anthropometric.pdf</a> (last accessed June 14th 2011)

2015: 2015 Philippine Anthropometric Survey.

http://enutrition.fnri.dost.gov.ph/site/preview.php?xx=%20uploads/2015\_ANTHROPOMETRIC\_SURVEY.pdf

2018: EXPANDED NATIONAL NUTRITION SURVEY: 2019 RESULTS. Available at

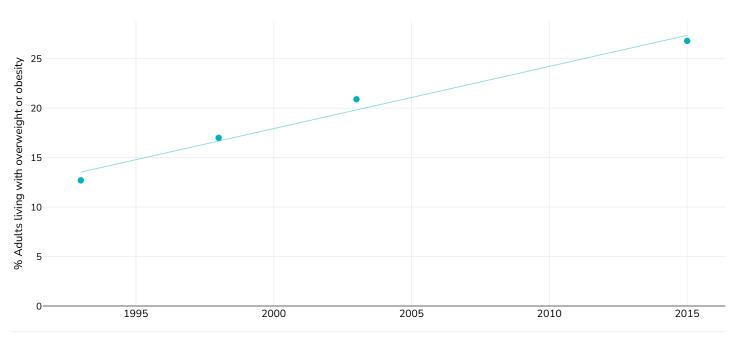
http://enutrition.fnri.dost.gov.ph/site/uploads/2018-2019%20ENNS%20FACTS%20&%20FIGURES.pdf (last accessed 14.09.22)

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



#### Men

Overweight or obesity



Survey Measured

References:

type:

1993: Solon FS. Nutrition related chronic diseases in the Philippines. Makati city, Philippines: Nutrition Center of the Philippines Report Series, vol 2, No.1, cited in Reference 53

1998: Data provided by the Philippean Department of Health, Dr C. Barbu, data reanalysed by Dr Charmaine Duante.

2003: <a href="http://www.fnri.dost.gov.ph/files/fnri%20files/nns/factsandfigures2003/anthropometric.pdf">http://www.fnri.dost.gov.ph/files/fnri%20files/nns/factsandfigures2003/anthropometric.pdf</a> (last accessed June 14th 2011)

2015: 2015 Philippine Anthropometric Survey.

http://enutrition.fnri.dost.gov.ph/site/preview.php?xx=%20uploads/2015\_ANTHROPOMETRIC\_SURVEY.pdf

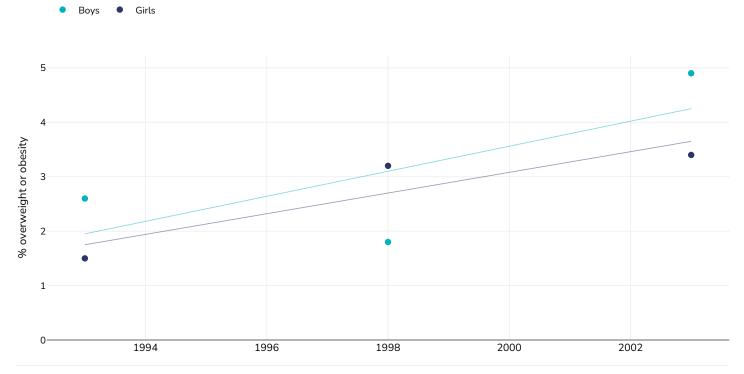
2018: EXPANDED NATIONAL NUTRITION SURVEY: 2019 RESULTS. Available at

http://enutrition.fnri.dost.gov.ph/site/uploads/2018-2019%20ENNS%20FACTS%20&%20FIGURES.pdf (last accessed 14.09.22)

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



# % Children living with overweight or obesity in the Philippines 1993-2003



Survey type: Measured

References:

Philippine facts and figures 2003, Part II. Anthropometric Facts and Figures, FOOD AND NUTRITION RESEARCH INSTITUTE, Department of Science and Technology

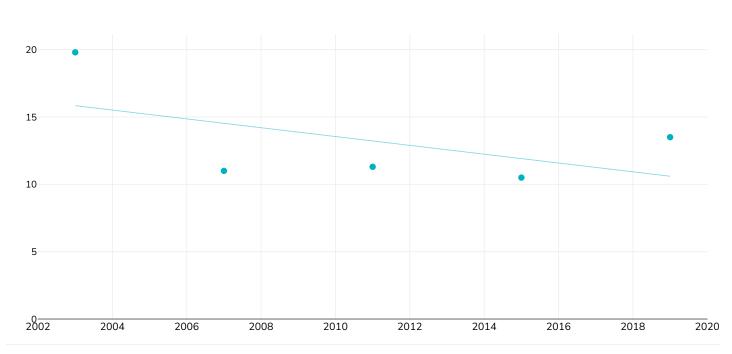
Definitions: Other



### Children living with overweight or obesity in Philippines 2003-2019

#### Boys

Overweight or obesity



Survey Self-reported

type:

References:

2003: Global School-based Student Health Survey Factsheet, available at

https://www.who.int/ncds/surveillance/gshs/gshs\_fs\_Pl\_national.pdf?ua=1 (last accessed 14.12.20)

2007: Global School-based Student Health Survey Factsheet, available at

https://www.who.int/ncds/surveillance/gshs/Philippines\_2007\_GSHS\_fact\_sheet.pdf?ua=1 (last accessed 14.12.20)

2011: Global School-based Student Health Survey Factsheet, available at

 $\underline{\text{https://www.who.int/ncds/surveillance/gshs/2011\_GSHS\_FS\_Philippines.pdf?ua=1}} \text{ (last accessed 14.12.20)}$ 

2015: Global School-based Student Health Survey Factsheet, available at

https://www.who.int/ncds/surveillance/gshs/PIH2015\_fact\_sheet.pdf?ua=1 (last accessed 14.12.20)

2019: Global School-based Student Health Survey Philippines Factsheet 2019: Available at:

https://cdn.who.int/media/docs/default-source/ncds/ncd-surveillance/data-reporting/philippines/2019-philippines-fact-

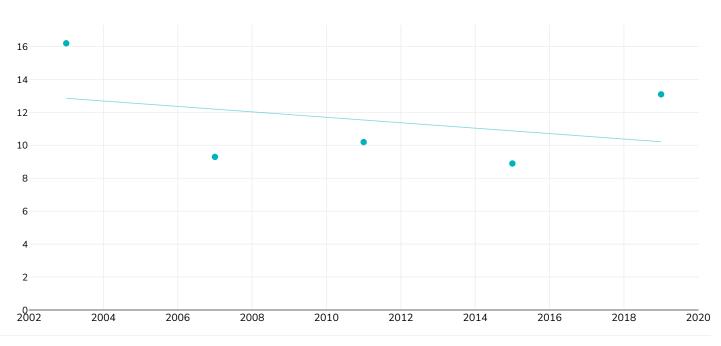
sheet.pdf?sfvrsn=7e3888af\_1&download=true. Accessed: 04.10.21.

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



#### Boys and girls

Overweight or obesity



Survey Self-reported

References:

type:

2003: Global School-based Student Health Survey Factsheet, available at

https://www.who.int/ncds/surveillance/gshs/gshs\_fs\_PI\_national.pdf?ua=1 (last accessed 14.12.20)

2007: Global School-based Student Health Survey Factsheet, available at

https://www.who.int/ncds/surveillance/gshs/Philippines\_2007\_GSHS\_fact\_sheet.pdf?ua=1 (last accessed 14.12.20)

2011: Global School-based Student Health Survey Factsheet, available at

 $\underline{\text{https://www.who.int/ncds/surveillance/gshs/2011\_GSHS\_FS\_Philippines.pdf?ua=1}} \text{ (last accessed 14.12.20)}$ 

2015: Global School-based Student Health Survey Factsheet, available at

https://www.who.int/ncds/surveillance/gshs/PIH2015\_fact\_sheet.pdf?ua=1 (last accessed 14.12.20)

2019: Global School-based Student Health Survey Philippines Factsheet 2019: Available at:

https://cdn.who.int/media/docs/default-source/ncds/ncd-surveillance/data-reporting/philippines/2019-philippines-fact-

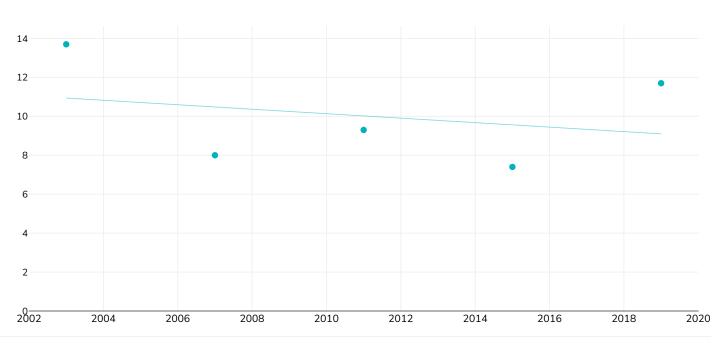
sheet.pdf?sfvrsn=7e3888af\_1&download=true. Accessed: 04.10.21.

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



#### **Girls**

Overweight or obesity



Survey Self-reported

References:

type:

2003: Global School-based Student Health Survey Factsheet, available at

https://www.who.int/ncds/surveillance/gshs/gshs\_fs\_PI\_national.pdf?ua=1 (last accessed 14.12.20)

2007: Global School-based Student Health Survey Factsheet, available at

 $\underline{\text{https://www.who.int/ncds/surveillance/gshs/Philippines\_2007\_GSHS\_fact\_sheet.pdf?ua=1}} \text{ (last accessed 14.12.20) } \\$ 

2011: Global School-based Student Health Survey Factsheet, available at

 $\underline{\text{https://www.who.int/ncds/surveillance/gshs/2011\_GSHS\_FS\_Philippines.pdf?ua=1}} \text{ (last accessed 14.12.20)}$ 

2015: Global School-based Student Health Survey Factsheet, available at

https://www.who.int/ncds/surveillance/gshs/PIH2015\_fact\_sheet.pdf?ua=1 (last accessed 14.12.20)

2019: Global School-based Student Health Survey Philippines Factsheet 2019: Available at:

https://cdn.who.int/media/docs/default-source/ncds/ncd-surveillance/data-reporting/philippines/2019-philippines-fact-

sheet.pdf?sfvrsn=7e3888af\_1&download=true. Accessed: 04.10.21.

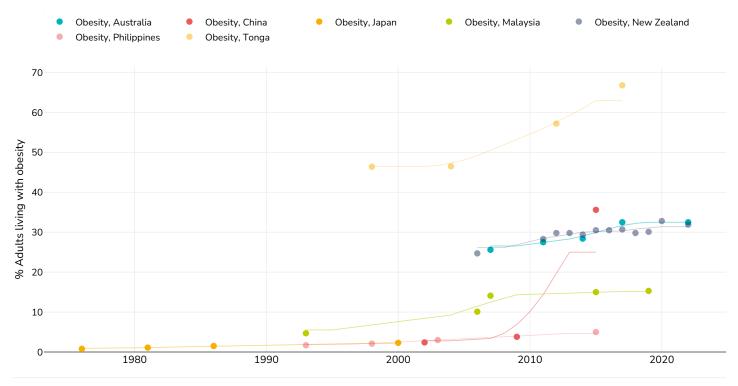
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



% 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: Solon FS. Nutrition related chronic diseases in the Philippines. Makati city, Philippines: Nutrition Center of the Philippines Report Series, vol 2, No.1, cited in Reference 53

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

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

2000: Asia Pacific Cohort Studies Collaboration. The burden of overweight and obesity in the Asia-Pacific region. Obesity Reviews 2007;8:191-196.

2001: SCN (2004). 5th Report on the World Nutrition Situation. Nutrition for Improved Development Outcomes. Appendix 11 2002: Report of the 2002 China National Nutrition and Health Survey. 2004. (In Chinese). Chinese Ministry of Public Health

2003: <a href="http://www.fnri.dost.gov.ph/files/fnri%20files/nns/factsandfigures2003/anthropometric.pdf">http://www.fnri.dost.gov.ph/files/fnri%20files/nns/factsandfigures2003/anthropometric.pdf</a> (last accessed June 14th 2011)

2004: Tonga STEPS Survey 2004

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

doi:10.1371/journal.pone.0169577

2006: Ministry of Health and Population - MOHP/Nepal, New ERA/Nepal, and Macro International. 2007. Nepal Demographic and Health Survey 2006. Kathmandu, Nepal: MOHP/Nepal, New ERA/Nepal, and Macro International.

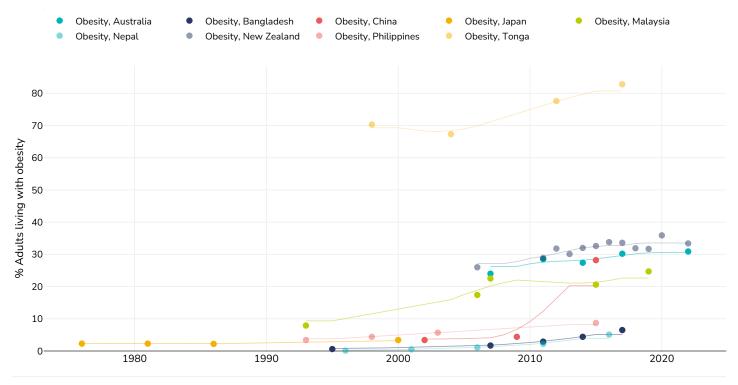
2007: National Institute of Population Research and Training (NIPORT), Mitra and Associates, and Macro International. 2008. Bangladesh Demographic and Health Survey 2007: Key Findings. Calverton, Maryland, USA: NIPORT, Mitra and Associates, and Macro International.

2009: Yan, S., Li, J., Li, S., Zhang, B., Du, S., Gordon-Larsen, P., Adair, L. and Popkin, B. (2012), The expanding burden of





#### 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: Solon FS. Nutrition related chronic diseases in the Philippines. Makati city, Philippines: Nutrition Center of the Philippines Report Series, vol 2, No.1, cited in Reference 53

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

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

2000: Asia Pacific Cohort Studies Collaboration. The burden of overweight and obesity in the Asia-Pacific region. Obesity Reviews 2007;8:191-196.

2001: SCN (2004). 5th Report on the World Nutrition Situation. Nutrition for Improved Development Outcomes. Appendix 11 2002: Report of the 2002 China National Nutrition and Health Survey. 2004. (In Chinese). Chinese Ministry of Public Health

2003: <a href="http://www.fnri.dost.gov.ph/files/fnri%20files/nns/factsandfigures2003/anthropometric.pdf">http://www.fnri.dost.gov.ph/files/fnri%20files/nns/factsandfigures2003/anthropometric.pdf</a> (last accessed June 14th 2011)

2004: Tonga STEPS Survey 2004

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

doi:10.1371/journal.pone.0169577

2006: Ministry of Health and Population - MOHP/Nepal, New ERA/Nepal, and Macro International. 2007. Nepal Demographic and Health Survey 2006. Kathmandu, Nepal: MOHP/Nepal, New ERA/Nepal, and Macro International.

2007: National Institute of Population Research and Training (NIPORT), Mitra and Associates, and Macro International. 2008. Bangladesh Demographic and Health Survey 2007: Key Findings. Calverton, Maryland, USA: NIPORT, Mitra and Associates, and Macro International.

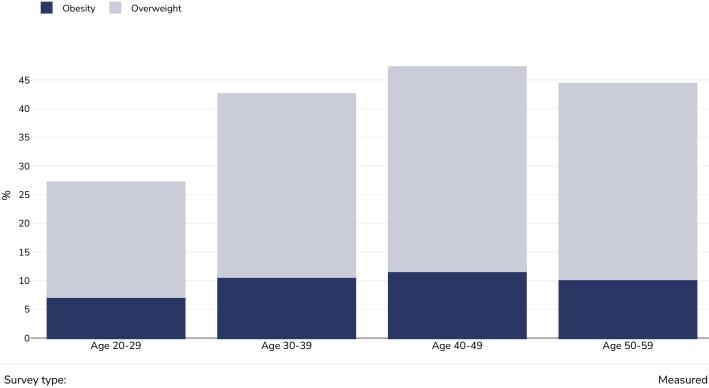
2009: Yan, S., Li, J., Li, S., Zhang, B., Du, S., Gordon-Larsen, P., Adair, L. and Popkin, B. (2012), The expanding burden of





# Overweight/obesity by age

#### Adults, 2021



Sample size:

Area National covered:

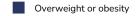
References: Powerpoint presentation on the Expanded National Nutrition Survey (ENNS) 2021. Department of Science and Technology Food and Nutrition Research Institute (DOST-FNRI), Manila 2022. Available on the <a href="https://enutrition.fnri.dost.gov.ph/">https://enutrition.fnri.dost.gov.ph/</a>

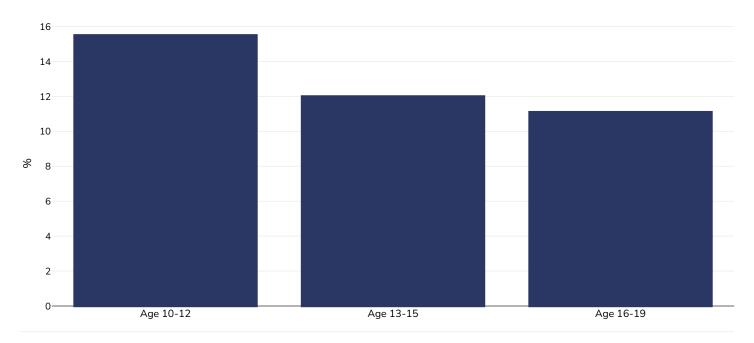
(Registration required) Last accessed 09.07.24

Notes: \*Sample size includes children. Data based on Asia specific cut offs should become available when full report released

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







Measured
141189*
National

References: Powerpoint presentation on the Expanded National Nutrition Survey (ENNS) 2021. Department of Science and Technology
Food and Nutrition Research Institute (DOST-FNRI), Manila 2022. Available on the <a href="https://enutrition.fnri.dost.gov.ph/">https://enutrition.fnri.dost.gov.ph/</a>
(Registration required) Last accessed 09.07.24

Notes: \*Sample size inclueds adults & children. Data based on Asia specific cut offs should become available when full report released



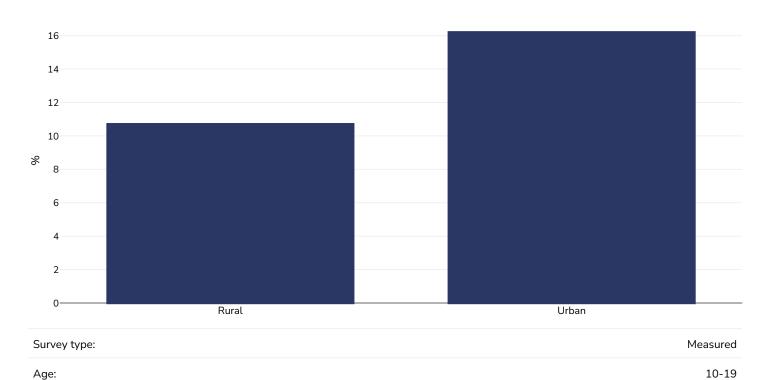
# Overweight/obesity by region

#### Adults, 2021





Overweight or obesity



Sample size:	141189*
Area covered:	National
References:	Powerpoint presentation on the Expanded National Nutrition Survey (ENNS) 2021. Department of Science and Technology

Food and Nutrition Research Institute (DOST-FNRI), Manila 2022. Available on the https://enutrition.fnri.dost.gov.ph/

(Registration required) Last accessed 09.07.24

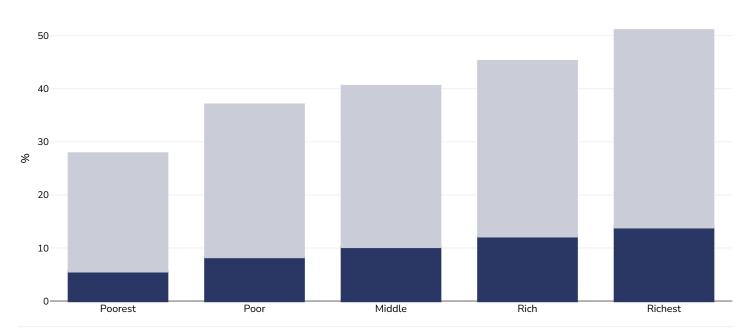
Notes: \*Sample size inclueds adults & children. Data based on Asia specific cut offs should become available when full report released



# Overweight/obesity by socio-economic group

### Adults, 2021





Survey type:	Measured
Age:	20-59
Sample size:	141189*
Area covered:	National

References: Powerpoint presentation on the Expanded National Nutrition Survey (ENNS) 2021. Department of Science and Technology Food and Nutrition Research Institute (DOST-FNRI), Manila 2022. Available on the <a href="https://enutrition.fnri.dost.gov.ph/">https://enutrition.fnri.dost.gov.ph/</a>
(Registration required) Last accessed 09.07.24

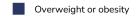
Notes: \*Sample size includes adults & children. Data based on Asia specific cut offs should become available when full report released

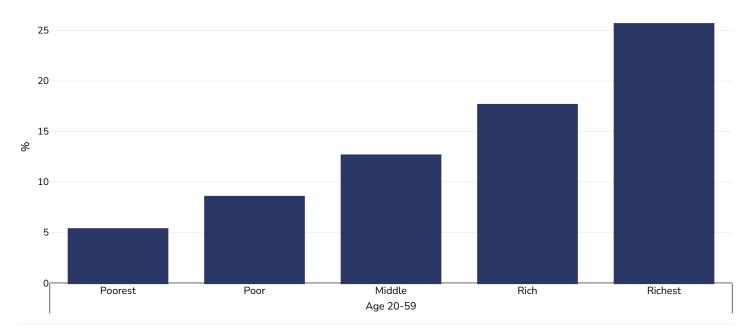
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



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Ove	rweight or obesity
1	
0.5	
% 0	
-0.5	
-1	All ages
Survey type:	Measured
Sample size:	141189*
Area covered:	National
References:	Powerpoint presentation on the Expanded National Nutrition Survey (ENNS) 2021. Department of Science and Technology Food and Nutrition Research Institute (DOST-FNRI), Manila 2022. Available on the <a href="https://enutrition.fnri.dost.gov.ph/">https://enutrition.fnri.dost.gov.ph/</a> (Registration required) Last accessed 09.07.24
Notes:	*Sample size includes adults & children. Data based on Asia specific cut offs should become available when full report released







Survey type:	Measured
Sample size:	141189*
Area covered:	National
covered.	

References: Powerpoint presentation on the Expanded National Nutrition Survey (ENNS) 2021. Department of Science and Technology

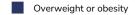
Food and Nutrition Research Institute (DOST-FNRI), Manila 2022. Available on the <a href="https://enutrition.fnri.dost.gov.ph/">https://enutrition.fnri.dost.gov.ph/</a>

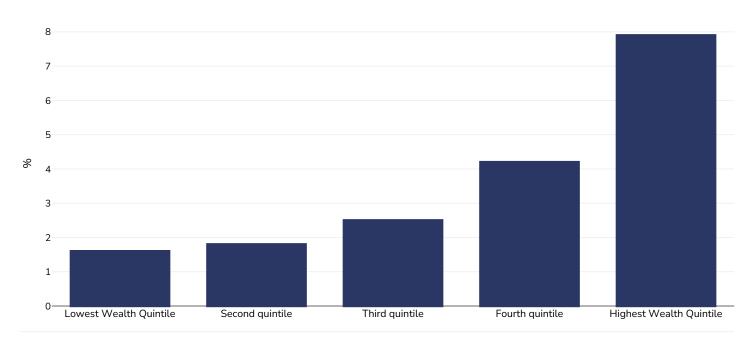
(Registration required) Last accessed 09.07.24

Notes: \*Sample size includes adults & children. Data based on Asia specific cut offs should become available when full report released



# 0-5 years, 2015





Sample 10206885

size: References:

NNS: Philippines 2015 National Nutrition Survey - Updating Survey Results

Notes:

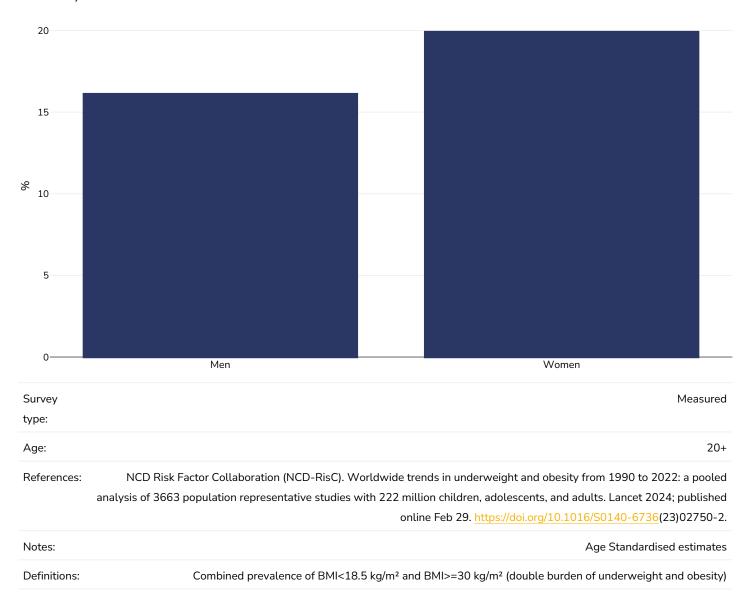
UNICEF/WHO/World Bank Joint Child Malnutrition Estimates Expanded Database: Overweight (Survey Estimates), May 2023, New York. For more information about the methodology, please consult <a href="https://data.unicef.org/resources/jme-2023-country-consultations/">https://data.unicef.org/resources/jme-2023-country-consultations/</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

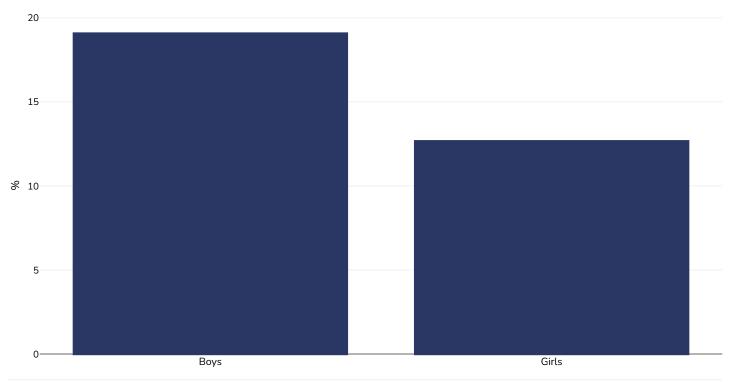


# Double burden of underweight & overweight

### Adults, 2022







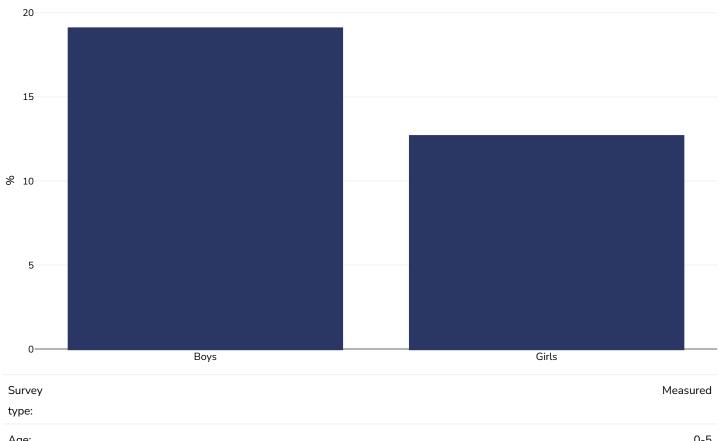
Survey	Measured
type:	
Age:	5-19

References: NCD Risk Factor Collaboration (NCD-RisC). Worldwide trends in underweight and obesity from 1990 to 2022: a pooled analysis of 3663 population representative studies with 222 million children, adolescents, and adults. Lancet 2024; published online Feb 29. https://doi.org/10.1016/S0140-6736(23)02750-2.

Notes:	Age standardised estimates
Definitions:	Combined prevalence of BMI < -2SD and BMI > 2SD (double burden of thinness and obesity)
Cutoffs:	BMI < -2SD and BMI > 2SD



# 0-5 years, 2015-2015



Age:

References:

UNICEF data available at <a href="https://data.unicef.org/topic/nutrition/malnutrition/">https://data.unicef.org/topic/nutrition/malnutrition/</a>(last accessed 12.03.25)

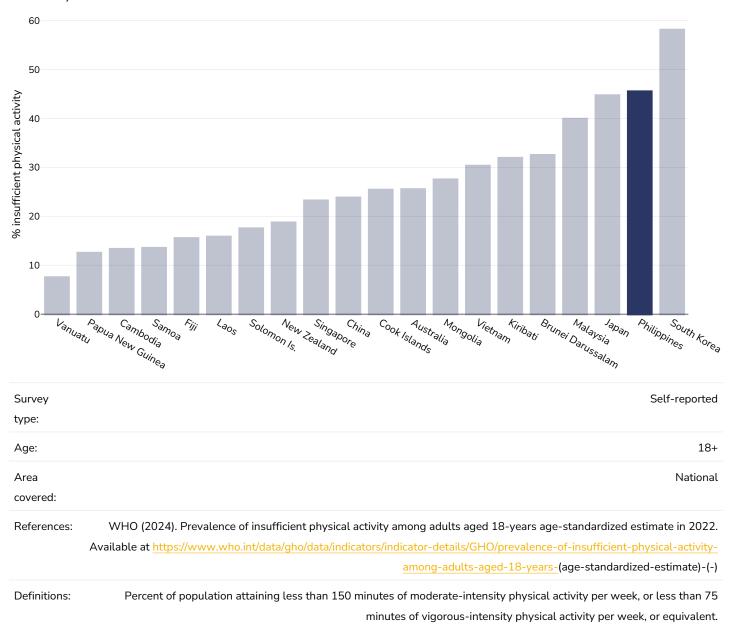
Notes:

Children under 5 falling below -2 standard deviations from the median height for age and falling at or above +2 standard deviations from the median weight-for-height of the reference population



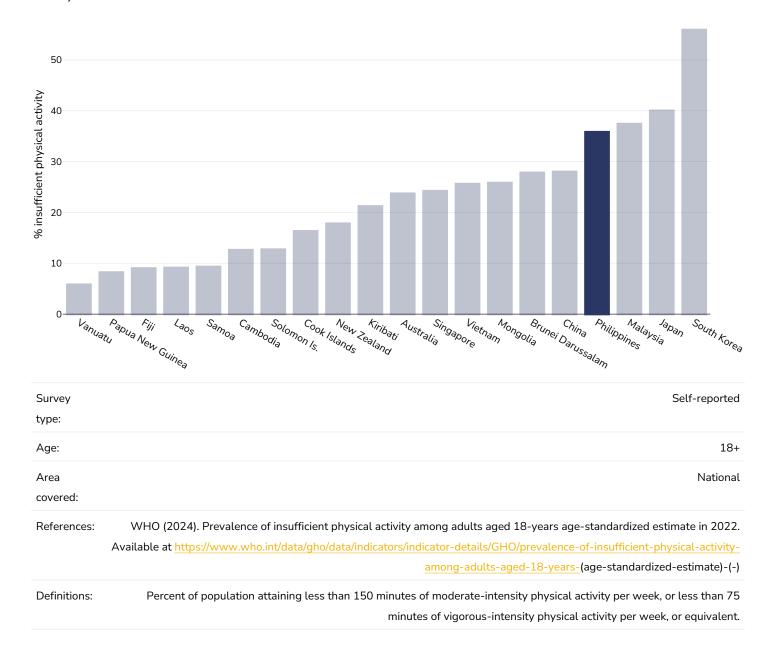
# Insufficient physical activity

#### Adults, 2022



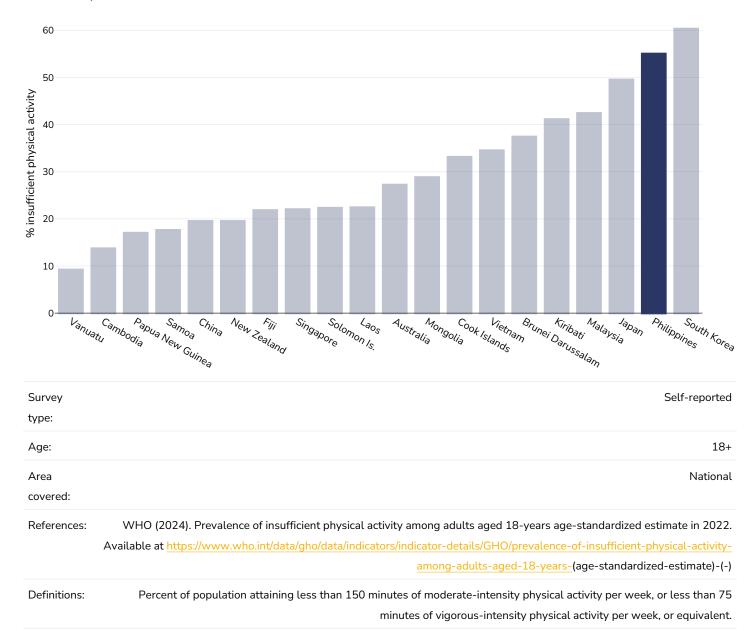


#### Men, 2022

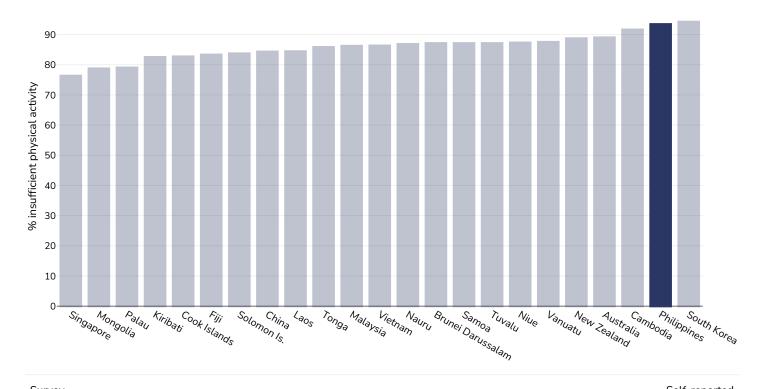




### Women, 2022



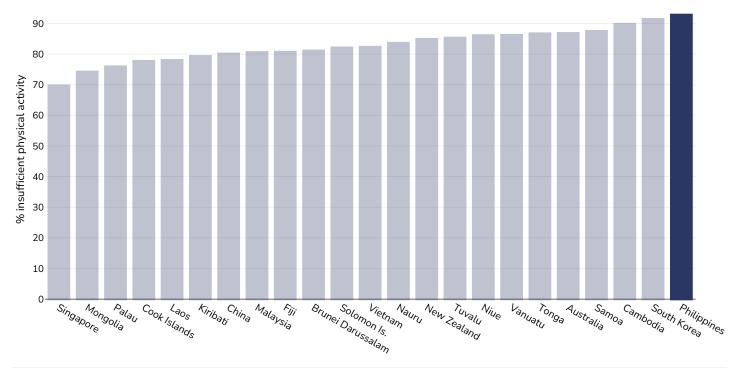




Survey	Self-reported
type:	
Age:	11-17
References:	Global Health Observatory data repository, World Health Organisation, <a href="https://apps.who.int/gho/data/node.main.A893ADO?lang=en">https://apps.who.int/gho/data/node.main.A893ADO?lang=en</a> (last accessed 16.03.21)
Notes:	% of school going adolescents 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)



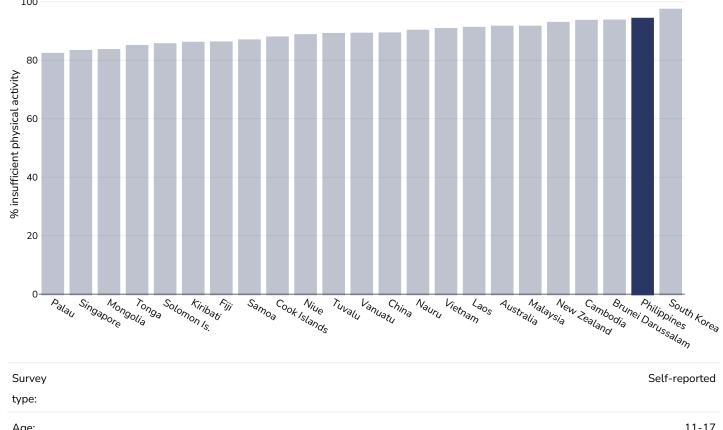
# Boys, 2016



Survey	Self-reported
type:	
Age:	11-17
References:	Global Health Observatory data repository, World Health Organisation, <a href="https://apps.who.int/gho/data/node.main.A893ADO?lang=en">https://apps.who.int/gho/data/node.main.A893ADO?lang=en</a> (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



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)

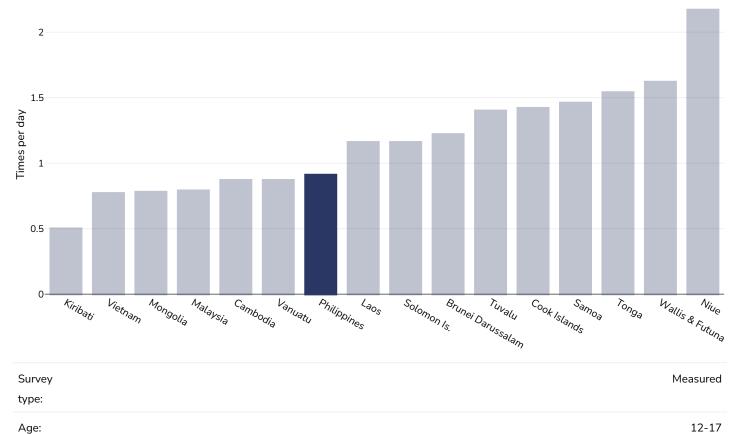
% of school going adolescents not meeting WHO recommendations on Physical Activity for Health, i.e. doing less than 60 Notes: minutes of moderate- to vigorous-intensity physical activity daily.

Definitions: % Adolescents insufficiently active (age standardised estimate)



# Average daily frequency of carbonated soft drink consumption

### Children, 2010-2015



References: Beal et al. (2019). Global Patterns of Adolescent Fruit, Vegetable, Carbonated Soft Drink, and

Beal et al. (2019). Global Patterns of Adolescent Fruit, Vegetable, Carbonated Soft Drink, and Fast-food consumption: A meta-analysis of global school-based student health surveys. Food and Nutrition Bulletin.

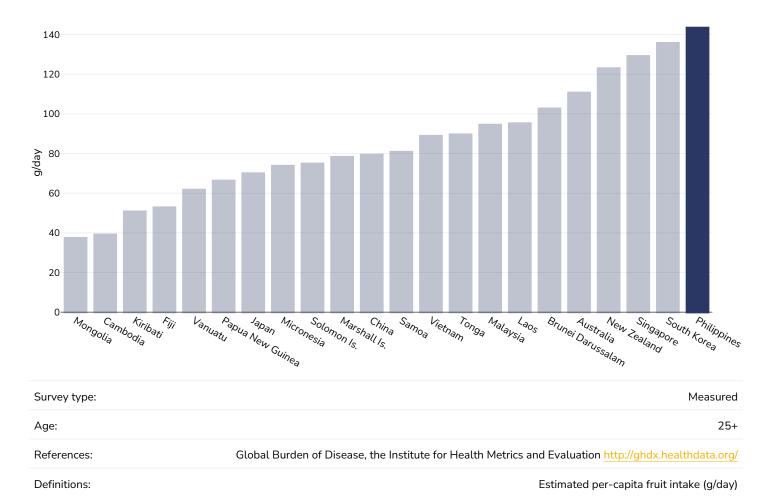
https://doi.org/10.1177/0379572119848287 sourced from Food Systems Dashboard

http://www.foodsystemsdashboard.org/food-system



### Estimated per capita fruit intake

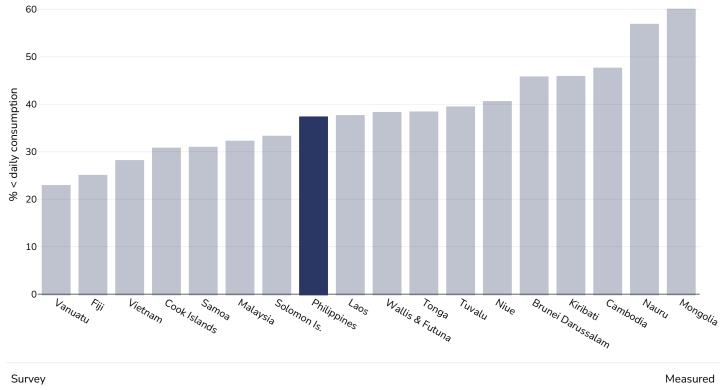
### Adults, 2017





### Prevalence of less than daily fruit consumption

### Children, 2010-2015



type:

12-17 Age:

References:

Global School-based Student Health Surveys. Beal et al (2019). Global Patterns of Adolescent Fruit, Vegetable, Carbonated Soft Drink, and Fast-food consumption: A meta-analysis of global school-based student health surveys. Food and Nutrition Bulletin. https://doi.org/10.1177/0379572119848287. Sourced from Food Systems Dashboard

http://www.foodsystemsdashboard.org/food-system

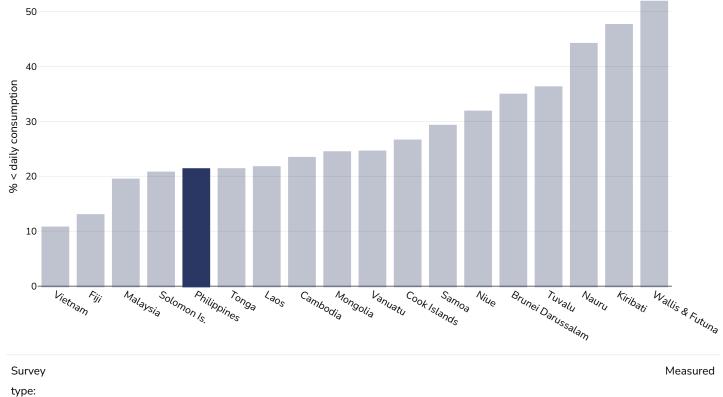
Definitions:

Prevalence of less-than-daily fruit consumption (% less-than-daily fruit consumption)



### Prevalence of less than daily vegetable consumption

### Children, 2010-2015



type:

Age: 12-17

References:

Beal et al. (2019). Global Patterns of Adolescent Fruit, Vegetable, Carbonated Soft Drink, and Fast-food consumption: A meta-analysis of global school-based student health surveys. Food and Nutrition Bulletin.

https://doi.org/10.1177/0379572119848287 sourced from Food Systems Dashboard

http://www.foodsystemsdashboard.org/food-system

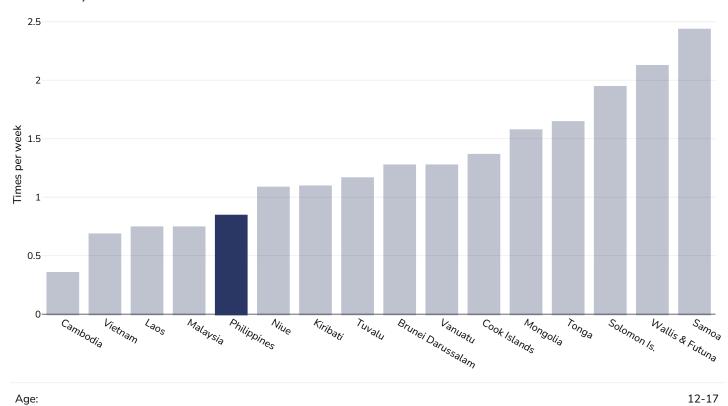
Definitions:

Prevalence of less-than-daily vegetable consumption (% less-than-daily vegetable consumption)



### Average weekly frequency of fast food consumption

### Children, 2010-2015



References:

Beal et al. (2019). Global Patterns of Adolescent Fruit, Vegetable, Carbonated Soft Drink, and Fast-food consumption: A meta-analysis of global school-based student health surveys. Food and Nutrition Bulletin.

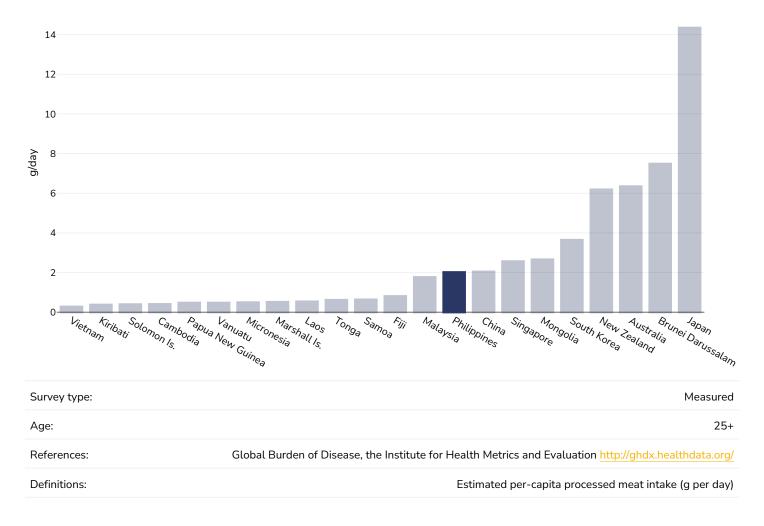
https://doi.org/10.1177/0379572119848287 sourced from Food Systems Dashboard

 $\underline{\text{http://www.foodsystemsdashboard.org/food-system}}$ 



### Estimated per-capita processed meat intake

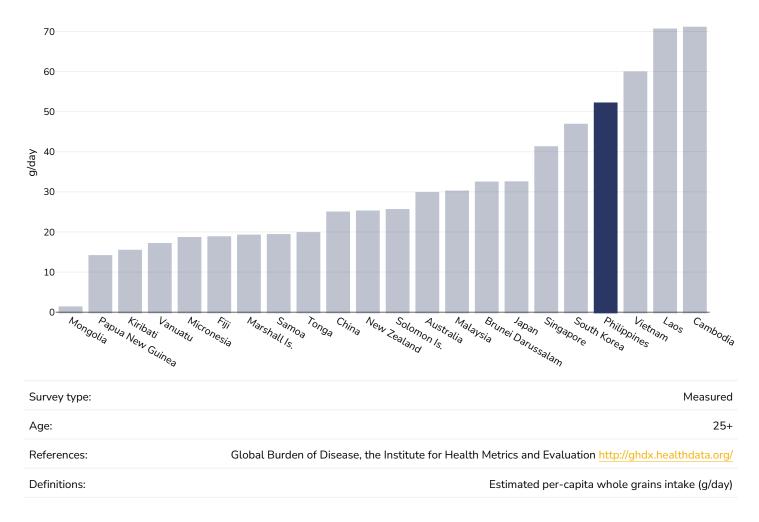
### Adults, 2017





### Estimated per capita whole grains intake

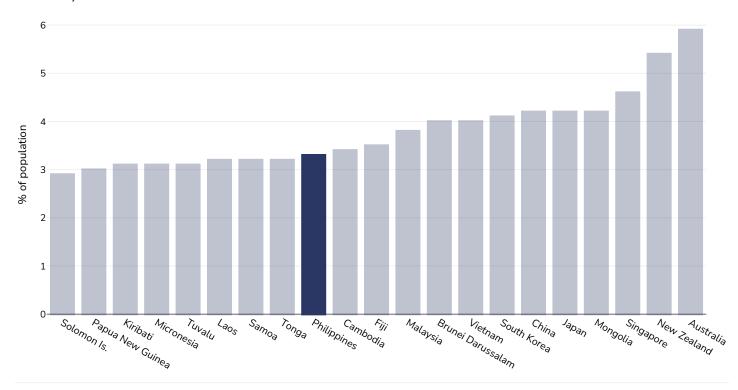
### Adults, 2017





### Mental health - depression disorders

#### Adults, 2015



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

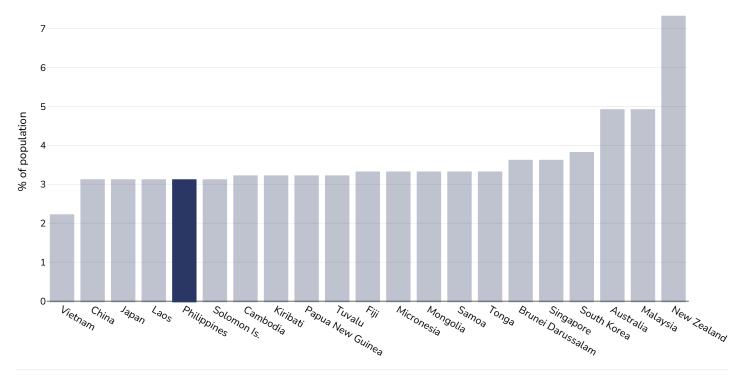
Definitions:

% of population with depression disorders



### Mental health - anxiety disorders

#### Adults, 2015



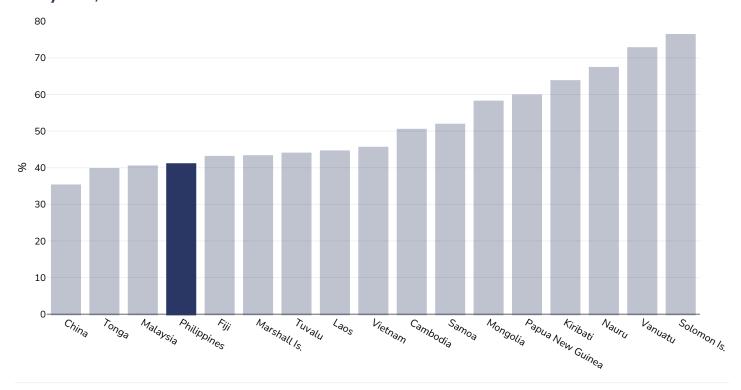
References: Prevalence data from Global Burden of Disease study 2015 (<a href="http://ghdx.healthdata.org">http://ghdx.healthdata.org</a>) published in: Depression and Other Common Mental Disorders: Global Health Estimates. Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO.

Definitions: % of population with anxiety disorders



### % Infants exclusively breastfed 0-5 months

### 0-5 years, 2007-2022



References:

Philippine National Demographic and Health Survey 2022

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.



# Percent of population who cannot afford a healthy diet

Adults,	2022-2022						
4							
3							
2							
<b>%</b>							
0							
<sup>-1</sup> 1	0	1	2	3	4	5	6
Area covered:							National
References:	The Food Systems University College o				d. https://www.food		d.org. DOI:



### Oesophageal cancer

### Men, 2022





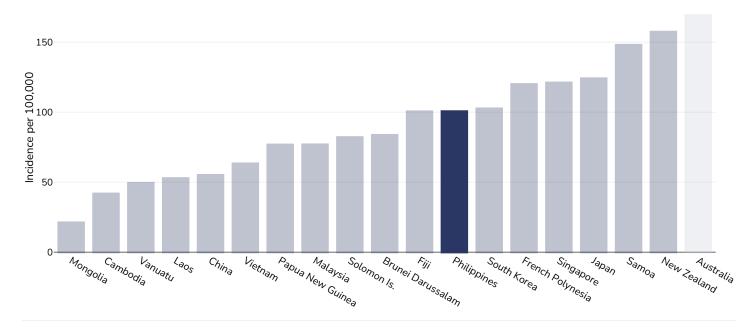




#### **Breast cancer**

#### Women, 2022





Area National covered:

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

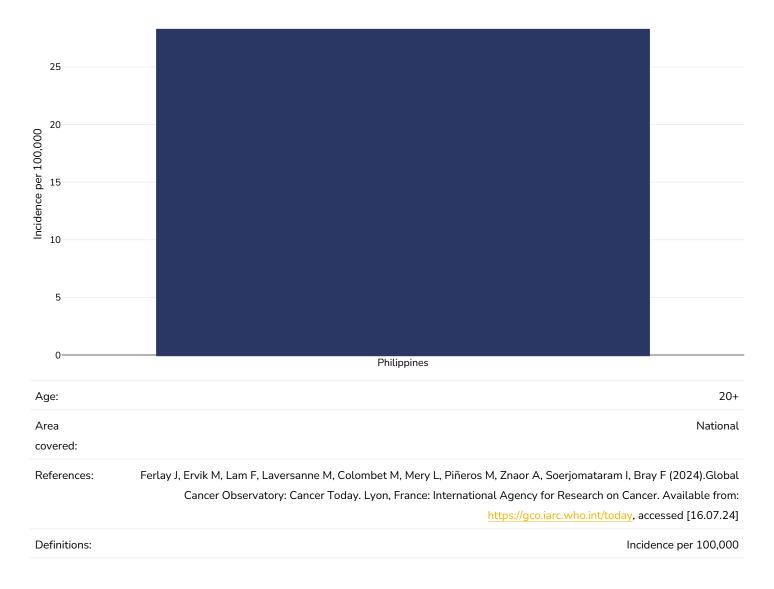


### **Colorectal cancer**

### Men, 2022









### Pancreatic cancer

### Men, 2022





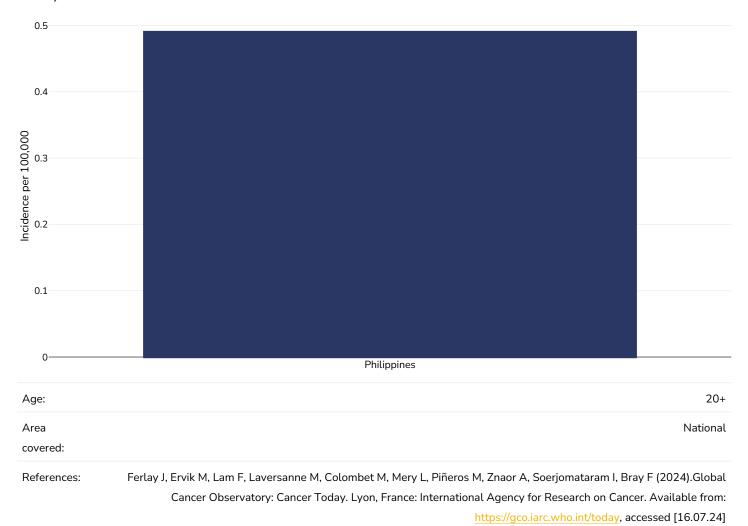




### Gallbladder cancer

### Men, 2022

Definitions:



Indicence per 100,000

54







### Kidney cancer

### Men, 2022

Definitions:



Incidence per 100,000

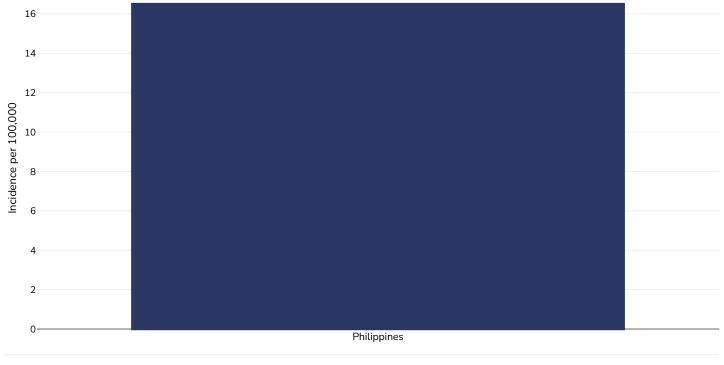






### Cancer of the uterus

### 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:

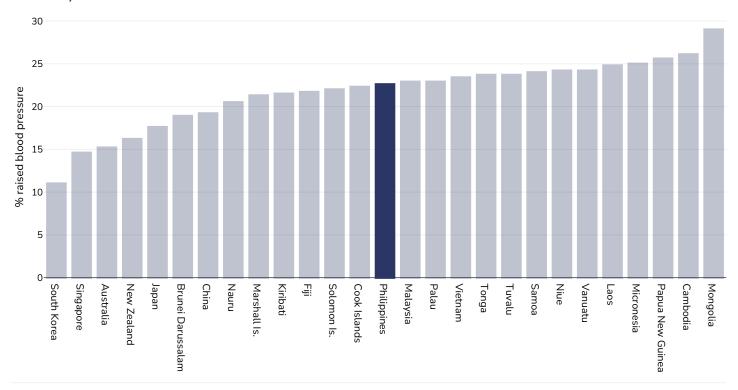
https://gco.iarc.who.int/today, accessed [16.07.24]

Definitions: Incidence per 100,000



### Raised blood pressure

### Adults, 2015



References:

Global Health Observatory data repository, World Health Organisation,

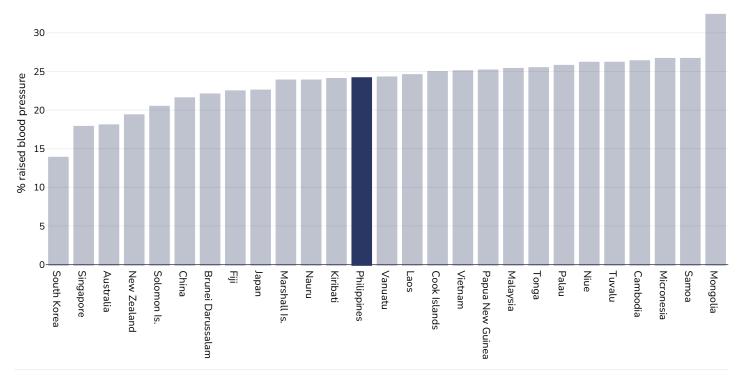
http://apps.who.int/gho/data/node.main.A875?lang=en

Definitions:

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



### Men, 2015



References:

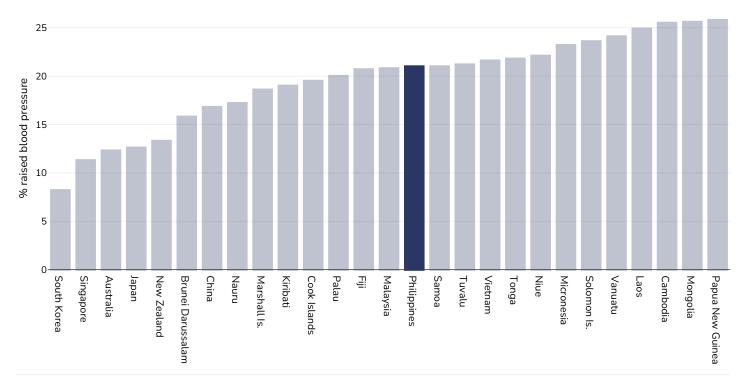
Global Health Observatory data repository, World Health Organisation,

http://apps.who.int/gho/data/node.main.A875?lang=en

Definitions:

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





References:

Global Health Observatory data repository, World Health Organisation,

http://apps.who.int/gho/data/node.main.A875?lang=en

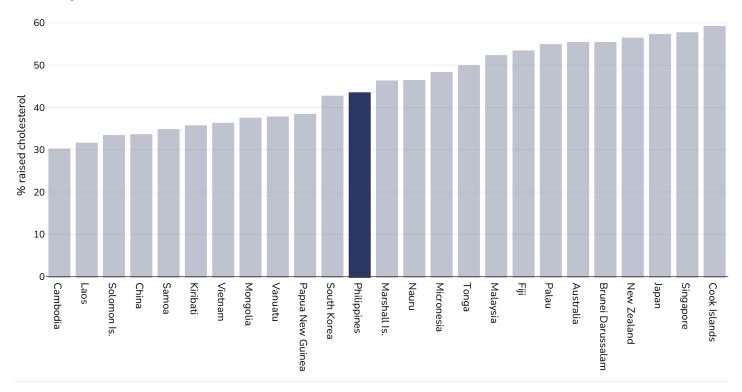
Definitions:

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



### Raised cholesterol

### Adults, 2008



References:

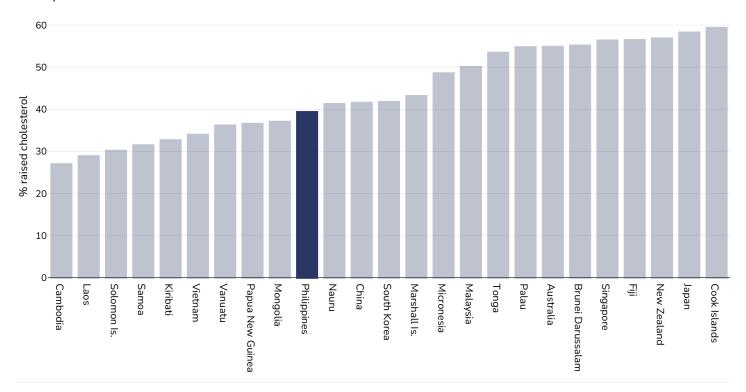
Global Health Observatory data repository, World Health Organisation, <a href="http://apps.who.int/gho/data/node.main.A885">http://apps.who.int/gho/data/node.main.A885</a>

Definitions:

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



### Men, 2008



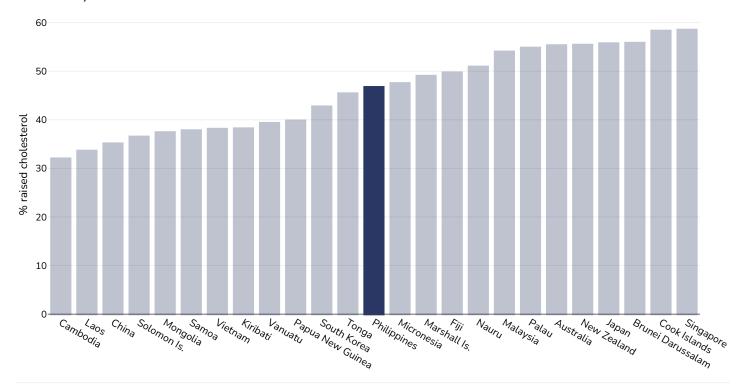
References:

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

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

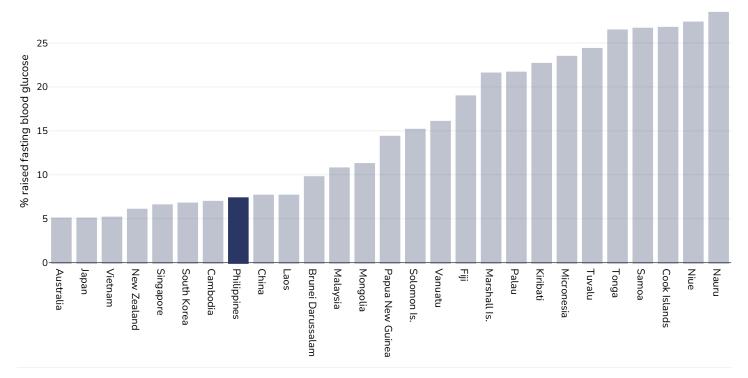
Definitions:

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



### Raised fasting blood glucose

### Men, 2014



References:

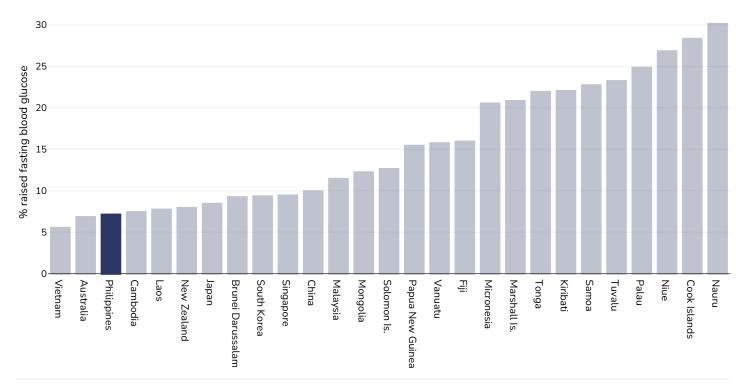
Global Health Observatory data repository, World Health Organisation,

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,

http://apps.who.int/gho/data/node.main.A869?lang=en

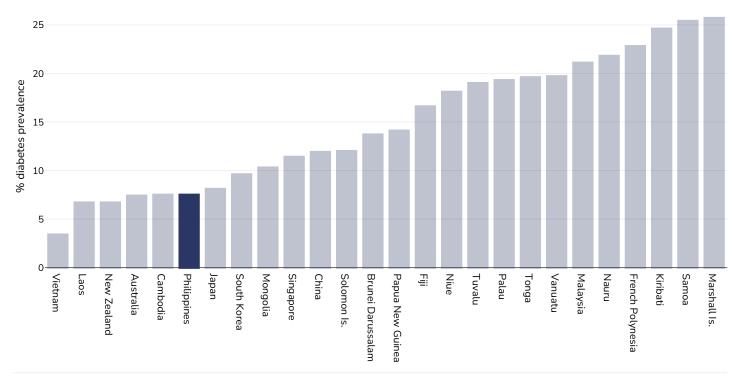
Definitions:

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



### Diabetes prevalence

### Adults, 2024



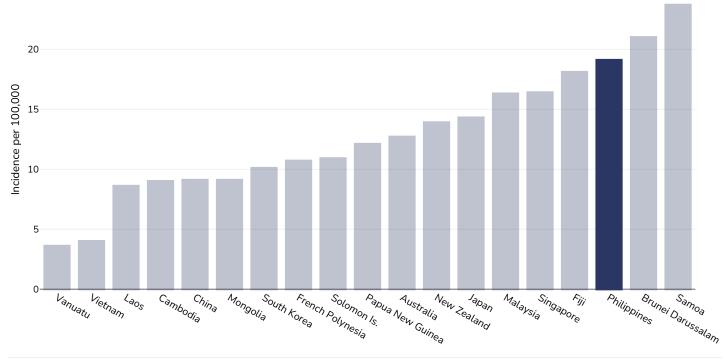
References:

Reproduced with kind permission International Diabetes Federation. IDF Diabetes Atlas, 11th edn. Brussels, Belgium:International Diabetes Federation, 2025. http://www.diabetesatlas.org



### **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, 20	022						
4							
3							
2							
1							
0							
<sup>-1</sup> 1	0	1	2	3	4	5	6
Age:							20+
Area covered:							National
References			nne M, Colombet M, N ncer Today. Lyon, Fra	nce: International		h on Cancer. Availa	ble from:
Definitions	:					Incidence per	100,000
	Unless otherwise not	ed, overweight refer	s to a BMI between 2	25kg and 29.9kg/r	m², obesity refers to	a BMI greater than	30kg/m².

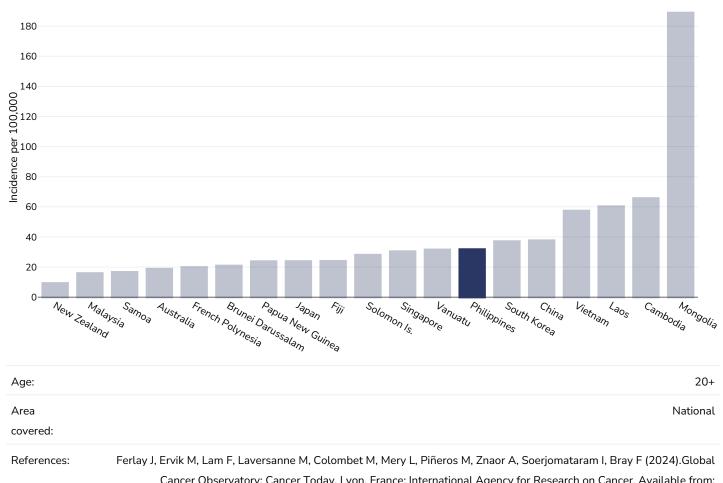


Wome	n, 2022						
4							
3							
2							
1							
0							
<sup>-1</sup> 1	0	1	2	3	4	5	6
Age:							20+
Area covered:							National
References	•			rance: International	Znaor A, Soerjomat Agency for Researc tps://gco.iarc.who.ir	ch on Cancer. Availa	able from:
Definitions	s:					Incidence per	r 100,000
	Unless otherwise note	ed, overweight refer	s to a BMI between	25kg and 29.9kg/i	m², obesity refers to	a BMI greater than	30kg/m².



### Liver and intrahepatic bile duct Cancer

### Men, 2022

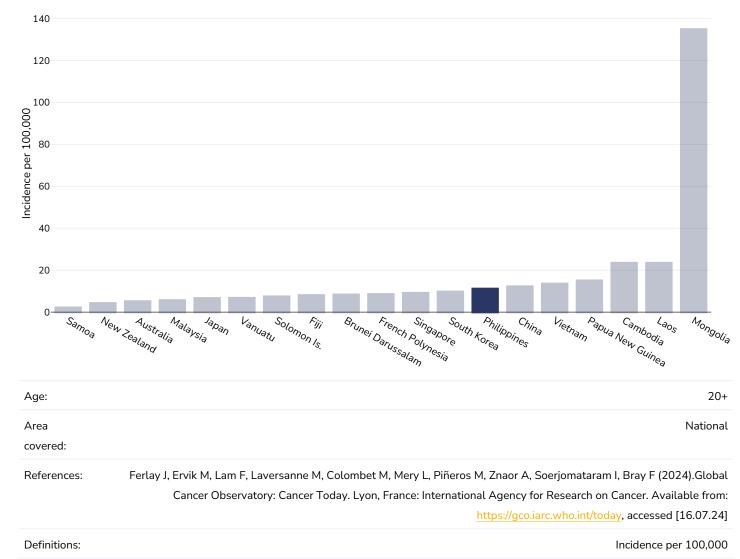


Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

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

Definitions: Incidence per 100,000

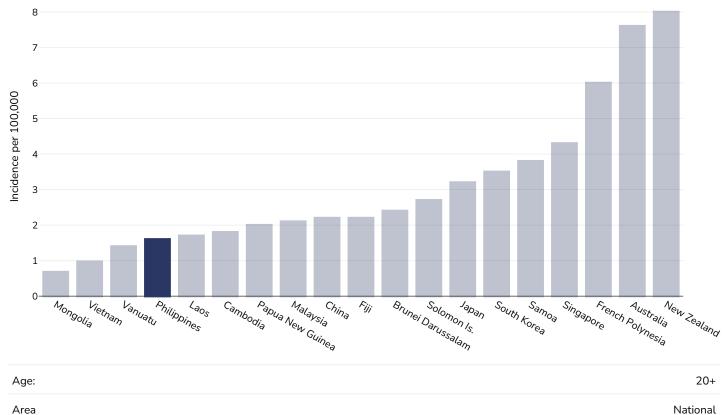






### Multiple Myeloma

#### Men, 2022



Area covered:

References:

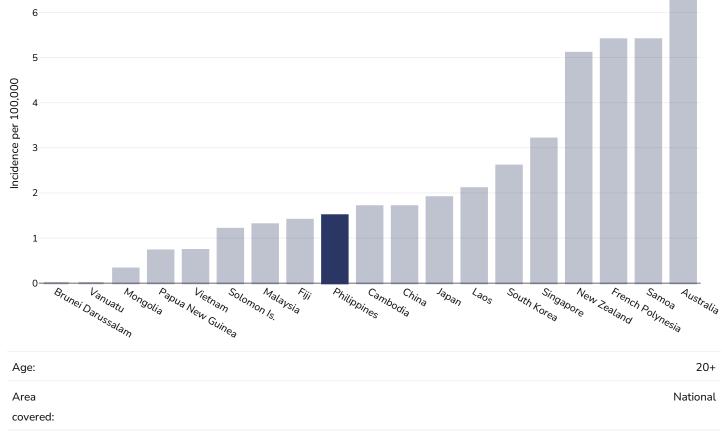
Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

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

Definitions: Indicence per 100,000

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]

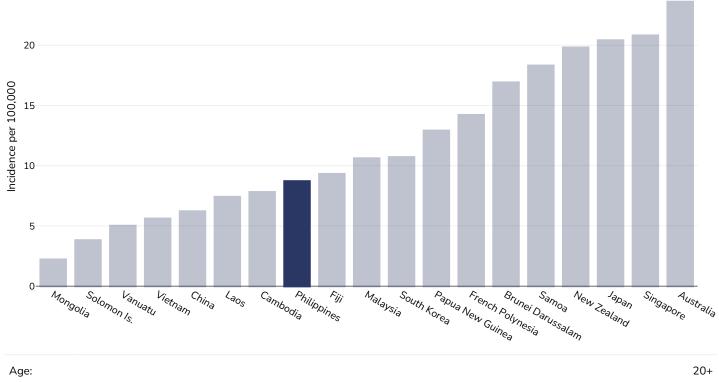
Definitions: Indicence per 100,000

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



### Non Hodgkin Lymphoma

#### Men, 2022



Area covered:

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:

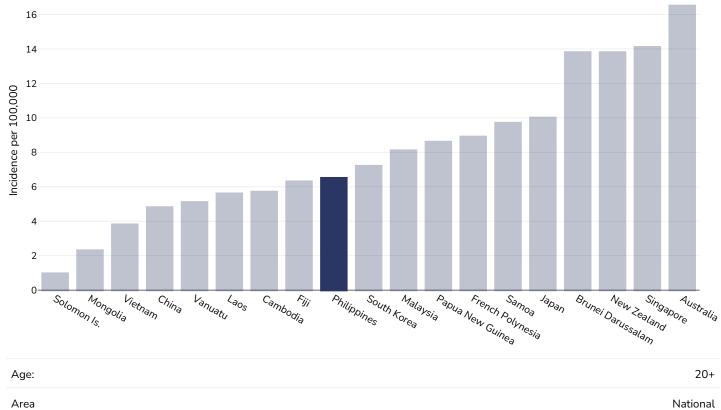
https://gco.iarc.who.int/today, accessed [16.07.24]

National

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.





covered:

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]

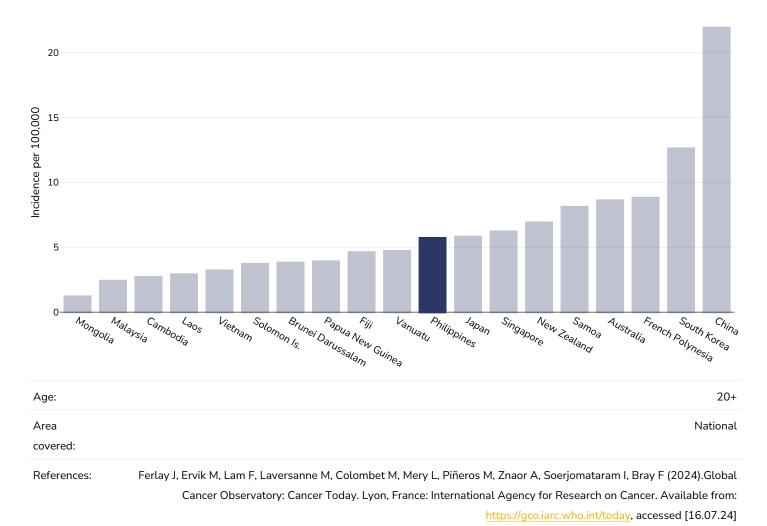
Definitions: Incidence per 100,000

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



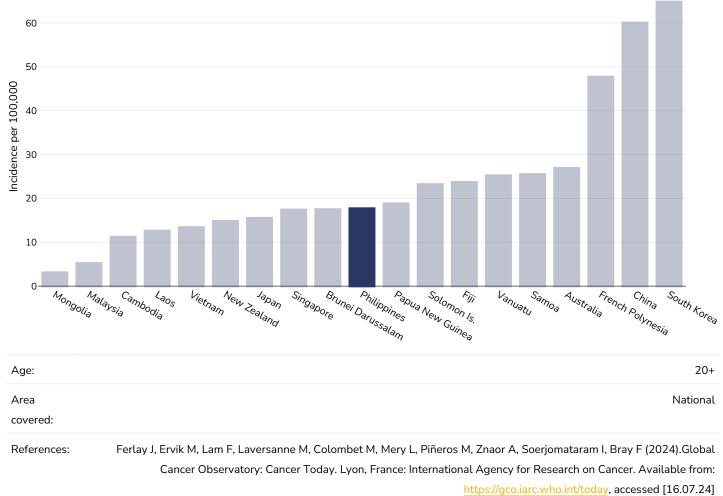
### **Thyroid Cancer**

#### Men, 2022



Definitions: Incidence per 100,000





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?	✓v
Back-of-pack nutrition declaration?	✓
Color coding?	×
Warning label?	×





# Regulation and marketing

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





# Political will and support

National obesity strategy or nutrition and physical activity national strategy?	<b>~</b>
National obesity strategy?	<b>~</b>
National childhood obesity strategy?	<b>~</b>
Comprehensive nutrition strategy?	<b>~</b>
Comprehensive physical activity strategy?	<b>~</b>
Evidence-based dietary guidelines and/or RDAs?	<b>~</b>
National target(s) on reducing obesity?	<b>~</b>
Promotion of breastfeeding?	X
Monitoring and surveillance	
Monitoring of the prevalence and incidence for the main obesity-related NCDs and risk factors?	<b>✓</b>
Within 5 years?	<b>~</b>
Governance and resource	
Multi-sectoral national co-ordination mechanism for obesity or nutrition (including obesity)?	<b>~</b>
Key  Present  Present  Incoming  Absent  Unkn	nown
V Fresent Incoming Absent Office	IO VVII
(voluntary)	

Last updated June 28, 2024

PDF created on May 12, 2025