

# Report card Maldives



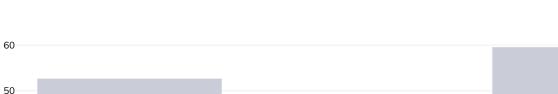
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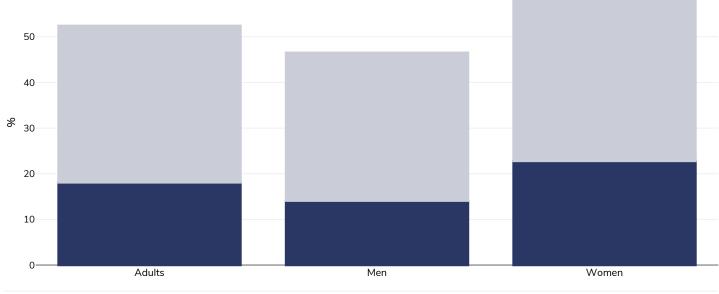


## **Obesity prevalence**

Obesity Overweight

### Adults, 2020-2021





Survey type:	Measured
Age:	15-69
Sample size:	2667
Area covered:	National
References:	WHO STEP Survey on Risk Factors for Noncommunicable Diseases, Maldives 2020-21

WHO STEP Survey on Risk Factors for Noncommunicable Diseases. Maldives 2020-21

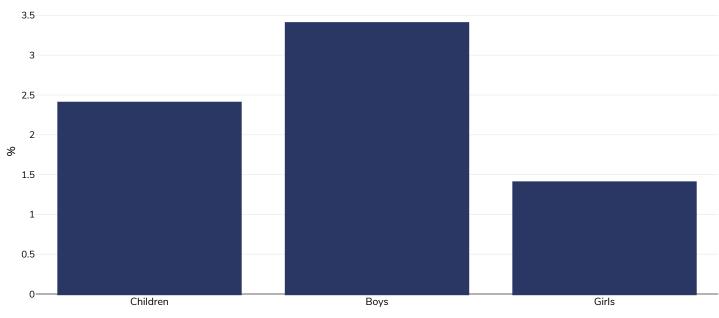
 $\underline{\text{https://health.gov.mv/storage/uploads/2ywDEKYN/vltwo5kq.pdf}} \ (Accessed \ 20.06.23)$ 

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



## Children, 2016-2017





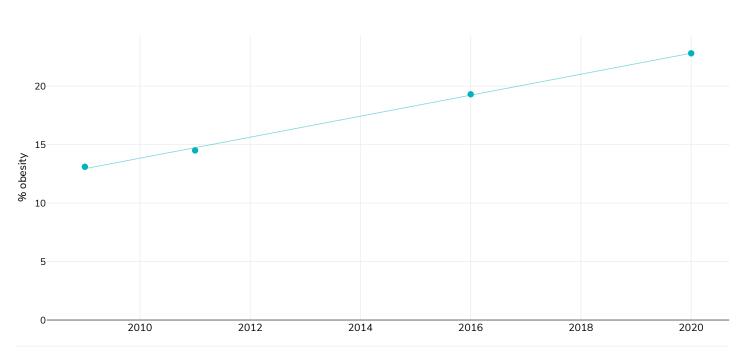
Survey type:	Measured
Age:	0-5
Sample size:	2327
Area covered:	National
References:	Ministry of Health - MOH/Maldives and ICF. 2018. Maldives Demographic and Health Survey 2016-17. Malé, Maldives,
	and Rockville, Maryland, USA: MOH and ICF <a href="https://www.dhsprogram.com/pubs/pdf/FR349/FR349.pdf">https://www.dhsprogram.com/pubs/pdf/FR349/FR349.pdf</a>
Notes:	Infants.
Definitions:	Weight for height. Overweight = >2SD
Cutoffs:	Other



## % Adults living with obesity, 2009-2021

### Women

Obesity



Survey type: Measured

References:

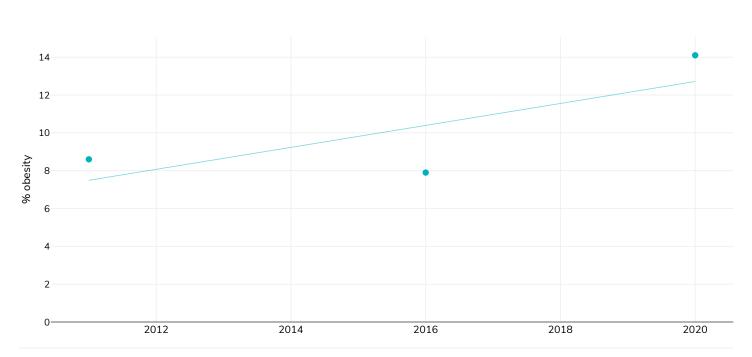
For full details of references visit https://data.worldobesity.org/

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



#### Men





Survey type: Measured

References:

For full details of references visit https://data.worldobesity.org/

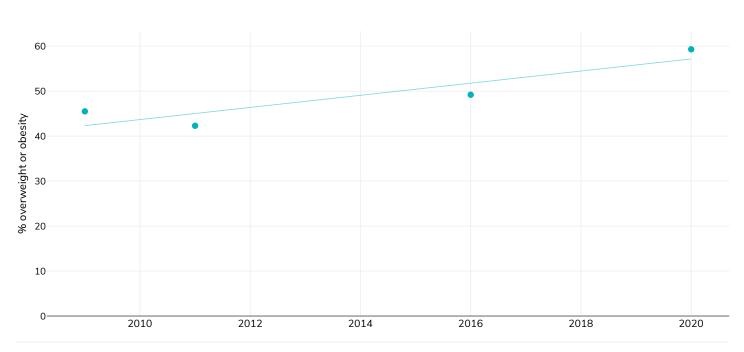
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



## % Adults living with overweight or obesity, 2009-2021

### Women

Overweight or obesity



Survey type: Measured

References:

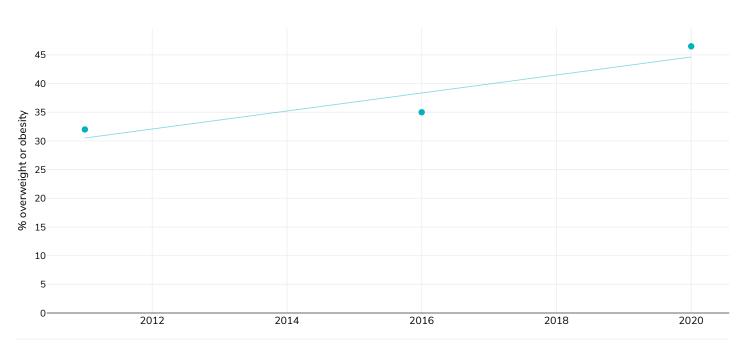
For full details of references visit https://data.worldobesity.org/

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 type: Measured

References:

For full details of references visit https://data.worldobesity.org/

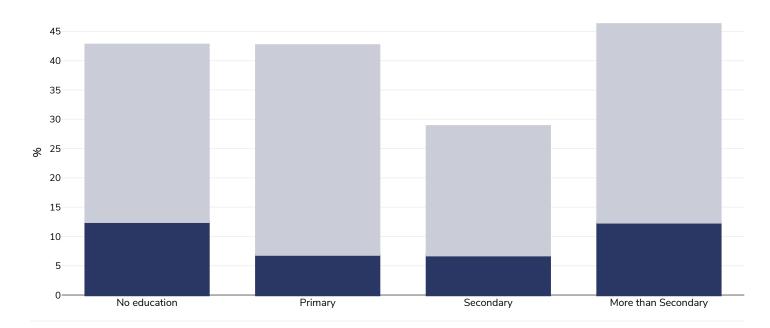
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



## Overweight/obesity by education

### Men, 2017



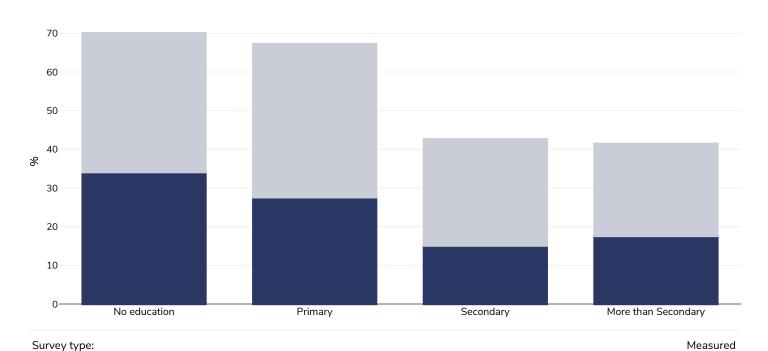


Survey type:	Measured
Age:	15-49
Sample size:	10313
Area covered:	National
References:	Ministry of Health - MOH/Maldives and ICF. 2018. Maldives Demographic and Health Survey 2016-17. Malé, Maldives, and Rockville, Maryland, USA: MOH and ICF.
Notes:	Demographic Health Survey data includes ever married women aged 15-49 years only and may include males aged 15-59.



### Women, 2017





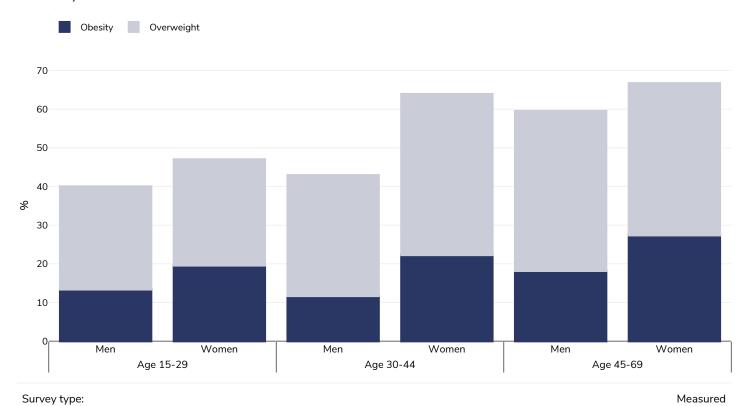
Age: Sample size:	
Sample size:	15-49
	10313
Area covered:	National
References: Ministry of Health - MOH/Maldives and ICF. 2018. Maldives Demographic and Health Survey 2010  Maldives, and Rockville, Maryland, USA: MO	

Notes: Demographic Health Survey data includes ever married women aged 15-49 years only and may include males aged 15-59.



## Overweight/obesity by age

### Adults, 2020-2021



Sample size: 2667

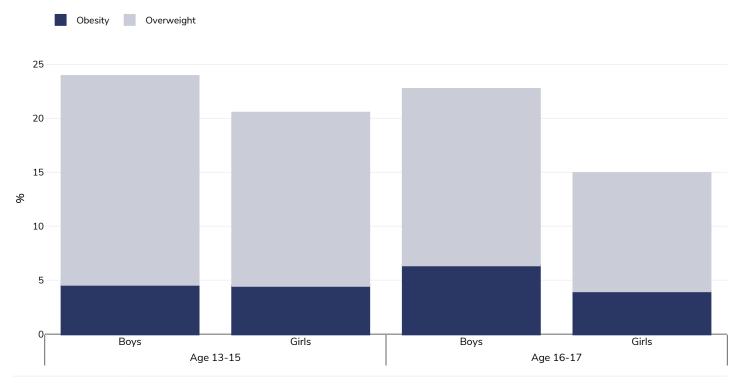
Area covered: National

References: WHO STEP Survey on Risk Factors for Noncommunicable Diseases. Maldives 2020-21.

https://health.gov.mv/storage/uploads/2ywDEKYN/vltwo5kq.pdf (Accessed 20.06.23)



## Children, 2014



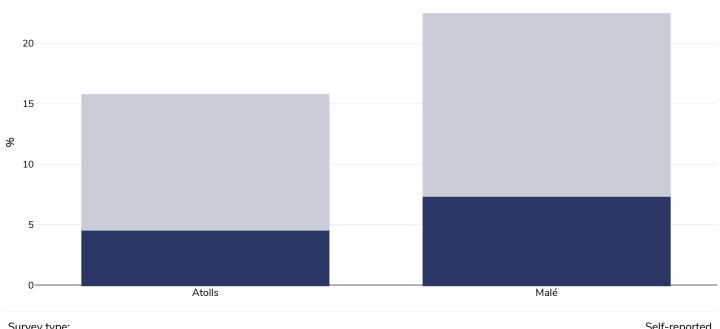
Survey type:	Measured
Sample size:	3493
Area covered:	National
References:	2014 GSHS Fact Sheet Maldives. Available at: <a href="https://cdn.who.int/media/docs/default-source/ncds/ncd-surveillance/data-reporting/maldives/gshs/2014-maldives-gshs-fs.pdf?sfvrsn=392d9a2e_2&amp;download=true">https://cdn.who.int/media/docs/default-source/ncds/ncd-surveillance/data-reporting/maldives/gshs/2014-maldives-gshs-fs.pdf?sfvrsn=392d9a2e_2&amp;download=true</a>
Cutoffs:	BMI-for-age



## Overweight/obesity by region

## Boys, 2014



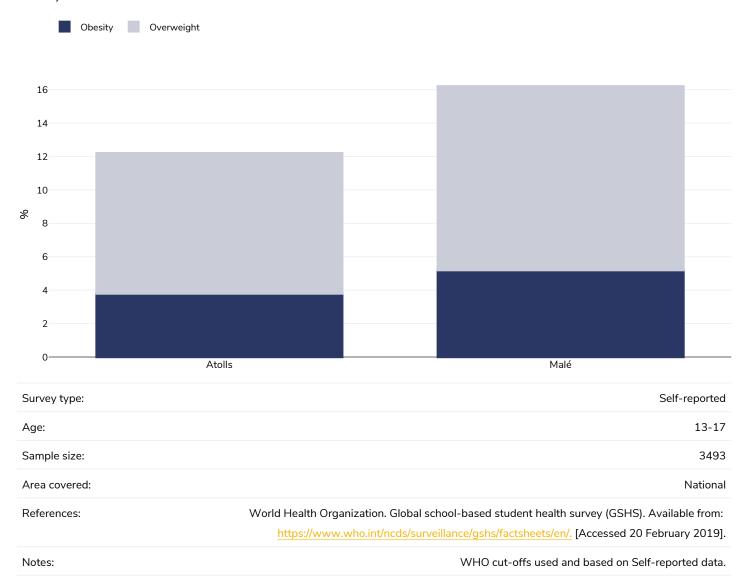


Survey type:	Self-reported
Age:	13-17
Sample size:	3493
Area covered:	National
References:	World Health Organization. Global school-based student health survey (GSHS). Available from: <a href="https://www.who.int/ncds/surveillance/gshs/factsheets/en/">https://www.who.int/ncds/surveillance/gshs/factsheets/en/</a> . [Accessed 20 February 2019].
Notes:	WHO cut-offs used and based on Self-reported data.
Cutoffs:	WHO



### Girls, 2014

Cutoffs:



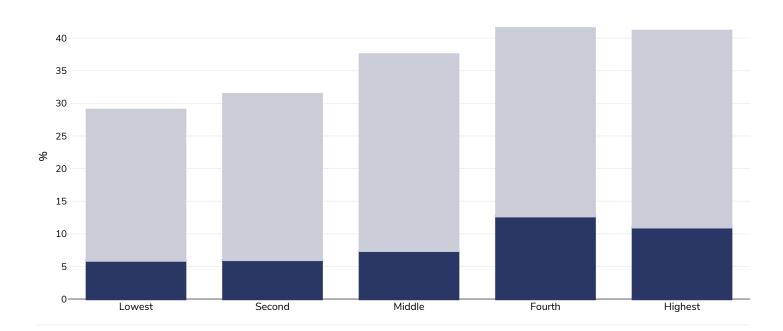
WHO



## Overweight/obesity by socio-economic group

### Men, 2017





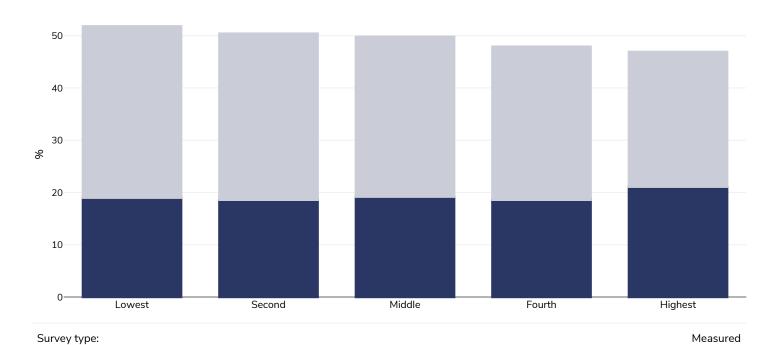
Survey type:	Measured
Age:	15-49
Sample size:	10313
Area covered:	National
References:	Ministry of Health - MOH/Maldives and ICF. 2018. Maldives Demographic and Health Survey 2016-17. Malé, Maldives, and Rockville, Maryland, USA: MOH and ICF. <a href="https://www.dhsprogram.com/pubs/pdf/FR349/FR349.pdf">https://www.dhsprogram.com/pubs/pdf/FR349/FR349.pdf</a>
Notes:	Demographic Health Survey data includes ever married women aged 15-49 years only and may include males aged 15-59.

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



### Women, 2017



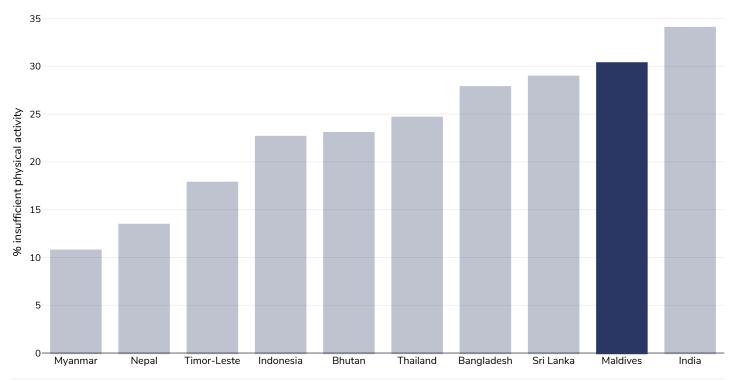


Age:	15-49
Sample size:	10313
Area covered:	National
References:	Ministry of Health - MOH/Maldives and ICF. 2018. Maldives Demographic and Health Survey 2016-17. Malé, Maldives, and Rockville, Maryland, USA: MOH and ICF. <a href="https://www.dhsprogram.com/pubs/pdf/FR349/FR349.pdf">https://www.dhsprogram.com/pubs/pdf/FR349/FR349.pdf</a>
Notes:	Demographic Health Survey data includes ever married women aged 15-49 years only and may include males aged



## Insufficient physical activity

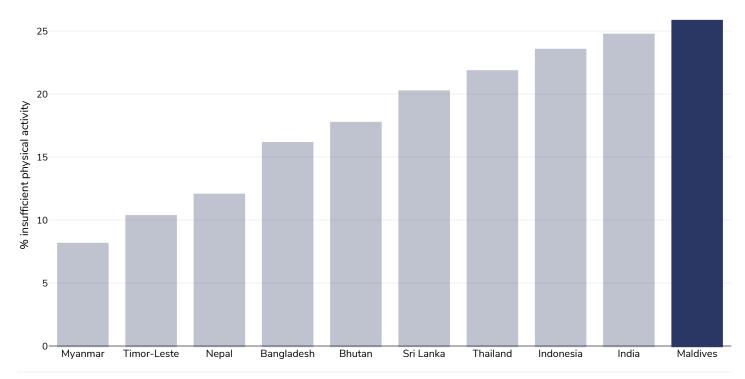
### Adults, 2016



References: Guthold R, Stevens GA, Riley LM, Bull FC. Worldwide trends in insufficient physical activity from 2001 to 2016: a pooled analysis of 358 population-based surveys with 1.9 million participants. Lancet 2018 <a href="http://dx.doi.org/10.1016/S2214-109X">http://dx.doi.org/10.1016/S2214-109X</a>(18)30357-7



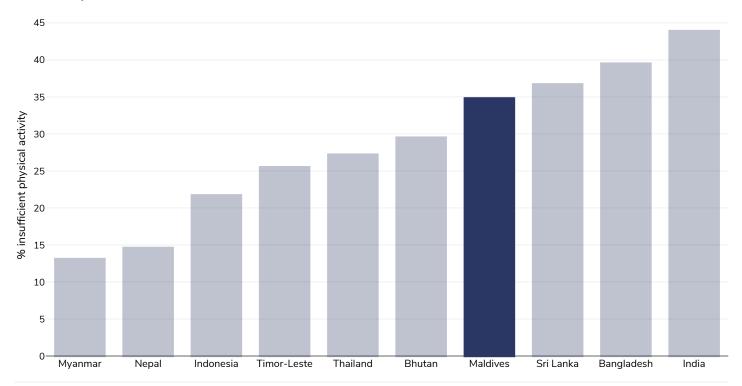
### Men, 2016



References: Guthold R, Stevens GA, Riley LM, Bull FC. Worldwide trends in insufficient physical activity from 2001 to 2016: a pooled analysis of 358 population-based surveys with 1.9 million participants. Lancet 2018 <a href="http://dx.doi.org/10.1016/S2214-109X">http://dx.doi.org/10.1016/S2214-109X</a>(18)30357-7



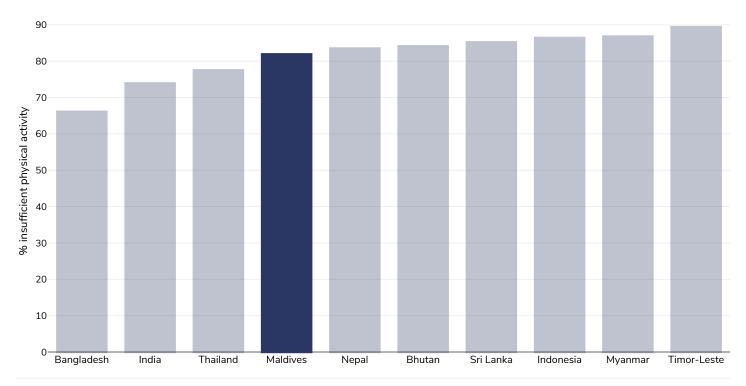
### Women, 2016



References: Guthold R, Stevens GA, Riley LM, Bull FC. Worldwide trends in insufficient physical activity from 2001 to 2016: a pooled analysis of 358 population-based surveys with 1.9 million participants. Lancet 2018 <a href="http://dx.doi.org/10.1016/S2214-109X">http://dx.doi.org/10.1016/S2214-109X</a>(18)30357-7



### Children, 2016



Survey type: Self-reported

Age: 11-17

References: Global Health Observatory data repository, World Health Organisation,

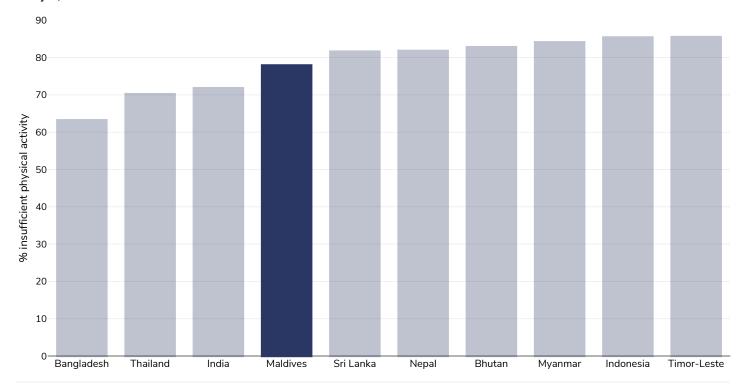
https://apps.who.int/gho/data/node.main.A893ADO?lang=en (last accessed 16.03.21)

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,

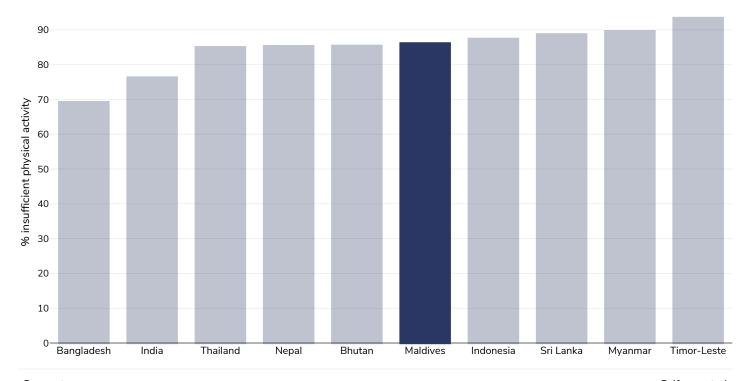
https://apps.who.int/gho/data/node.main.A893ADO?lang=en (last accessed 16.03.21)

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)

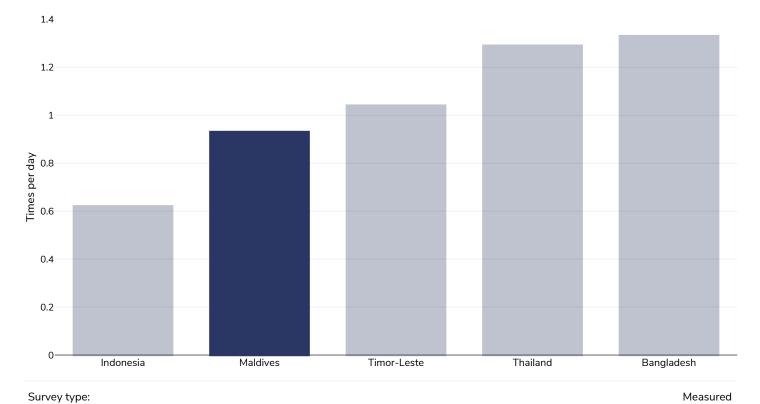
Notes: % of school going adolescents not meeting WHO recommendations on Physical Activity for Health, i.e. doing less than 60 minutes of moderate- to vigorous-intensity physical activity daily.

Definitions: % Adolescents insufficiently active (age standardised estimate)



## Average daily frequency of carbonated soft drink consumption

### Children, 2014-2015



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. <a href="https://doi.org/10.1177/0379572119848287">https://doi.org/10.1177/0379572119848287</a> sourced from Food Systems Dashboard

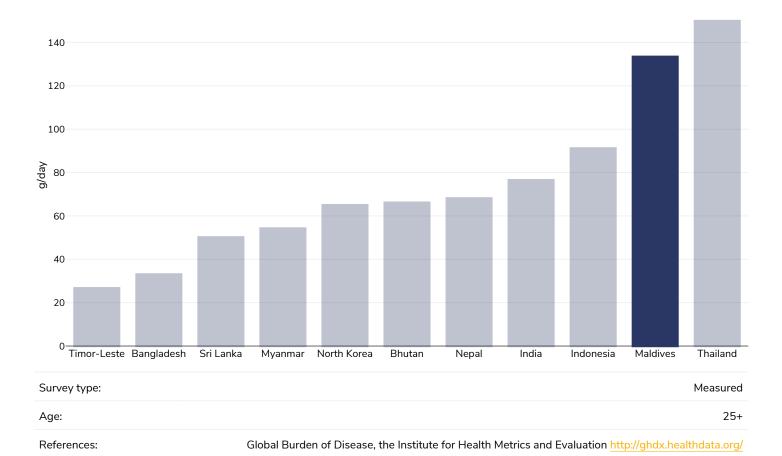
http://www.foodsystemsdashboard.org/food-system



## Estimated per capita fruit intake

### Adults, 2017

Definitions:

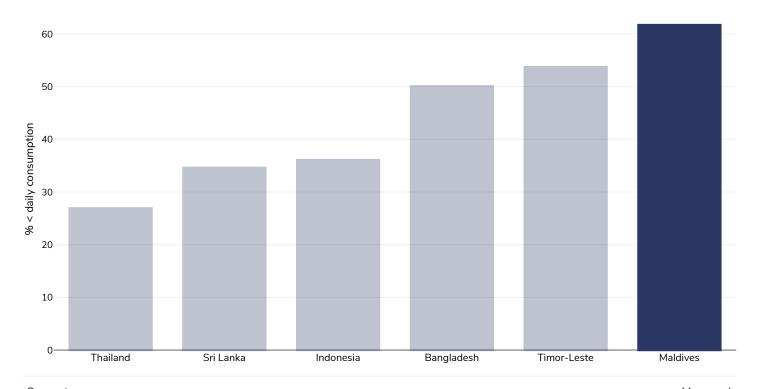


Estimated per-capita fruit intake (g/day)



## Prevalence of less than daily fruit consumption

### Children, 2008-2015



Survey type: Measured

Age: 12-17

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. <a href="https://doi.org/10.1177/0379572119848287">https://doi.org/10.1177/0379572119848287</a>. Sourced from Food Systems Dashboard

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

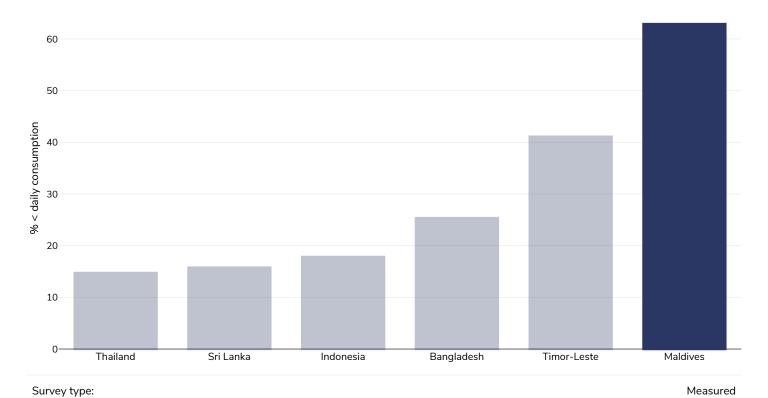
Definitions:

 $\label{prevalence} Prevalence\ of\ less-than-daily\ fruit\ consumption\ (\%\ less-than-daily\ fruit\ consumption)$ 



## Prevalence of less than daily vegetable consumption

### Children, 2008-2015



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

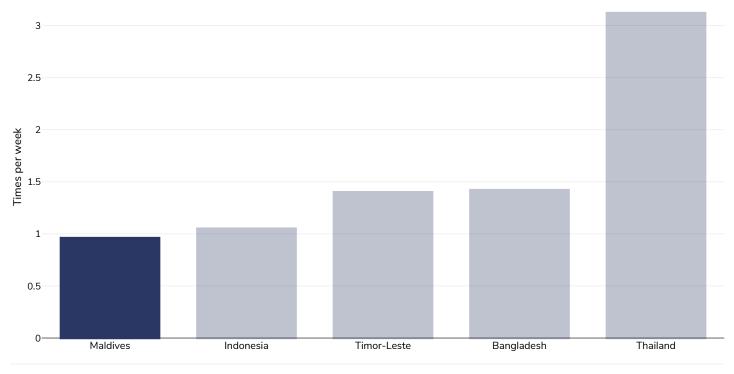
Definitions:

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



## Average weekly frequency of fast food consumption

### Children, 2014-2015



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.

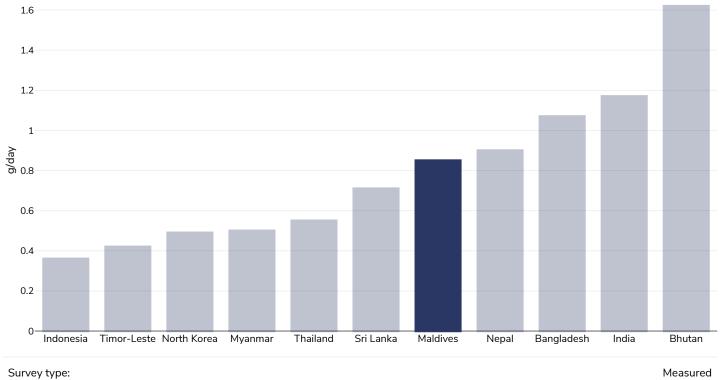
https://doi.org/10.1177/0379572119848287 sourced from Food Systems Dashboard

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



## Estimated per-capita processed meat intake

### Adults, 2017



Age:

References:

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

Definitions:

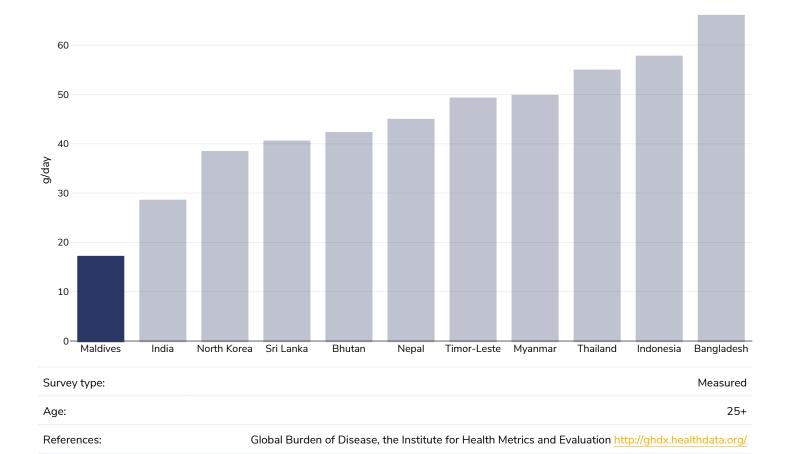
Estimated per-capita processed meat intake (g per day)



## Estimated per capita whole grains intake

### Adults, 2017

Definitions:

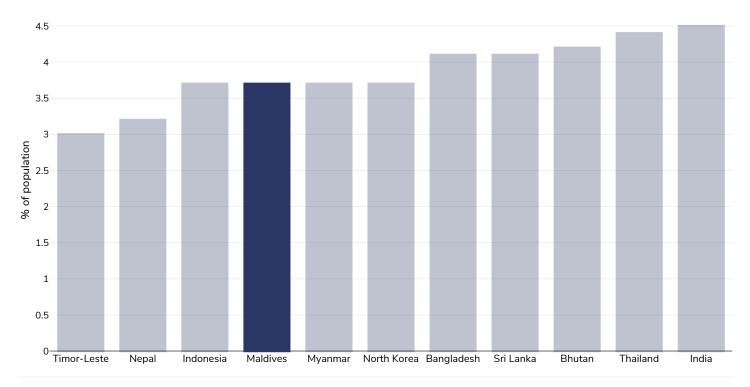


Estimated per-capita whole grains intake (g/day)



## Mental health - depression disorders

### Adults, 2015



References:

Prevalence data from Global Burden of Disease study 2015 (<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.

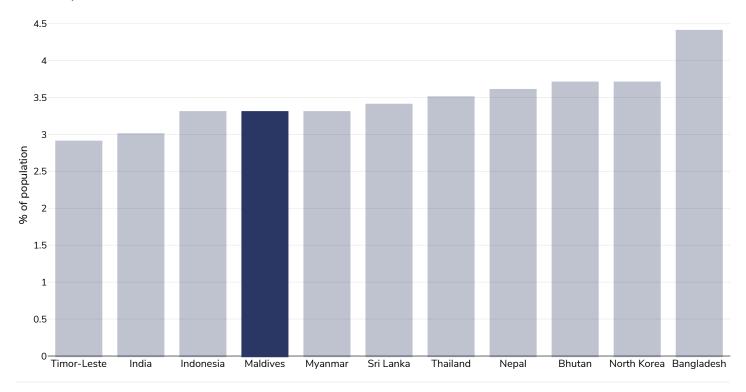
Definitions:

% 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.

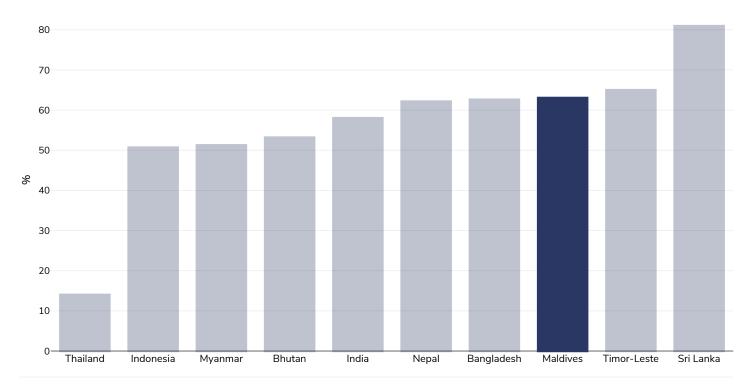
Definitions:

% of population with anxiety disorders



## % Infants exclusively breastfed 0-5 months

### Children, 2015-2020



Area covered: National

References:

Maldives Demographic and Health Survey 2016-17. Malé, Maldives, and Rockville, Maryland, USA: MOH and ICF

Notes:

See UNICEF website for further survey information. Available at : <a href="https://data.unicef.org/resources/dataset/infant-young-child-feeding/">https://data.unicef.org/resources/dataset/infant-young-child-feeding/</a> (last accessed 28.9.21) Citation: United Nations Children's Fund, Division of Data, Analysis, Planning and Monitoring (2021). Global UNICEF Global Databases: Infant and Young Child Feeding: Exclusive breastfeeding, New York, September 2021.

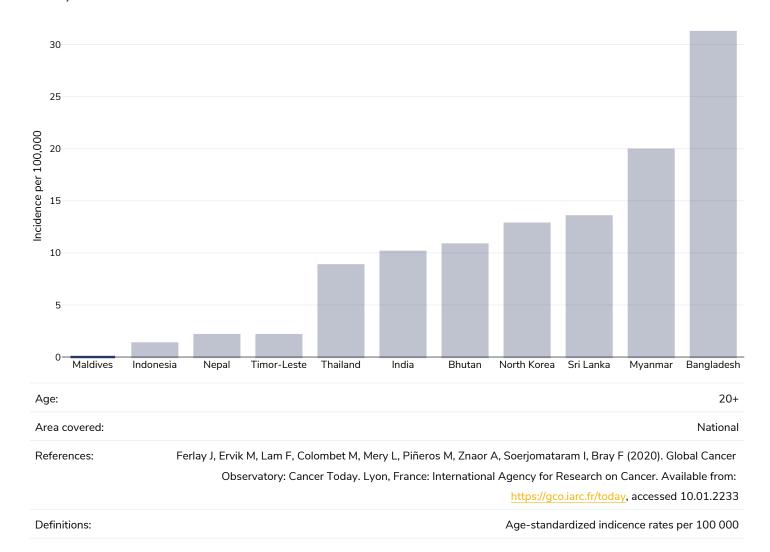
Definitions:

% exclusively breastfed 0-5 months



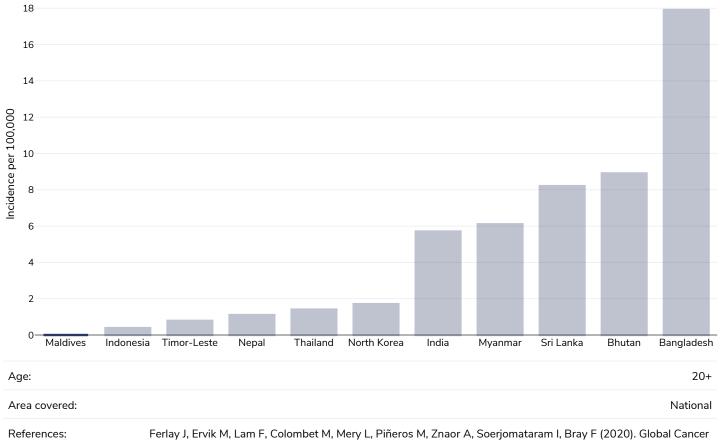
## Oesophageal cancer

### Men, 2020





### Women, 2020



Ferlay J, Ervik M, Lam F, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2020). Global Cancer
Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:
<a href="https://gco.iarc.fr/today">https://gco.iarc.fr/today</a>, accessed 10.01.2233

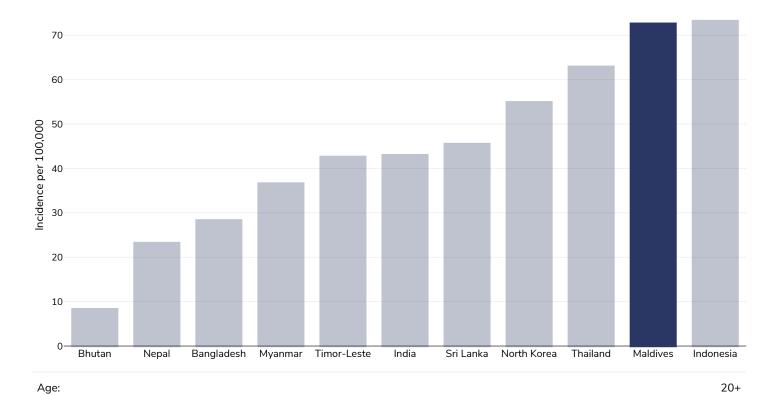
Definitions:

Age-standardized indicence rates per 100 000



### **Breast cancer**

### Women, 2020



Area covered: National

References: Ferlay J, Ervik M, Lam F, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2020). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

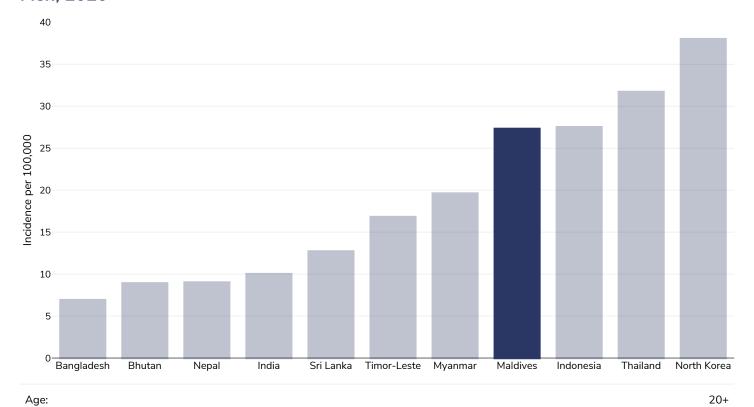
https://gco.iarc.fr/today, accessed 10.01.2233

Definitions: Age-standardized indicence rates per 100 000



### **Colorectal cancer**

### Men, 2020



References:

Area covered:

Ferlay J, Ervik M, Lam F, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2020). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

https://gco.iarc.fr/today, accessed 10.01.2233

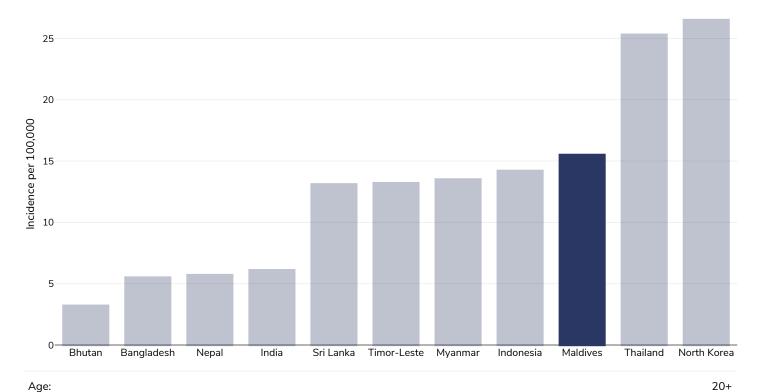
National

Definitions:

Age-standardized indicence rates per 100 000



### Women, 2020



7.gc.

Area covered: National

References:

Ferlay J, Ervik M, Lam F, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2020). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

https://gco.iarc.fr/today, accessed 10.01.2233

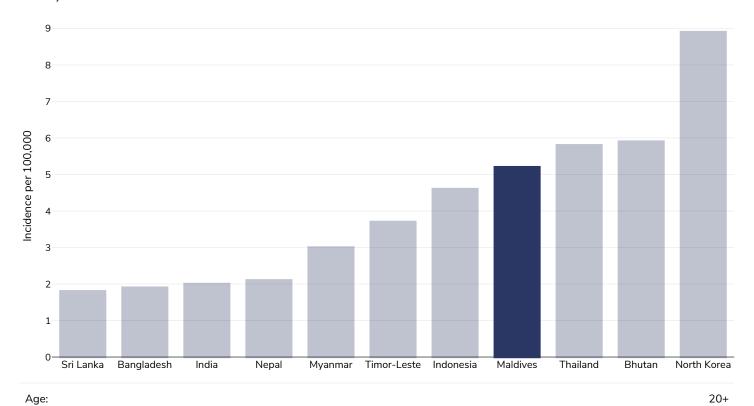
Definitions:

Age-standardized indicence rates per 100 000



#### Pancreatic cancer

#### Men, 2020



Area covered: National

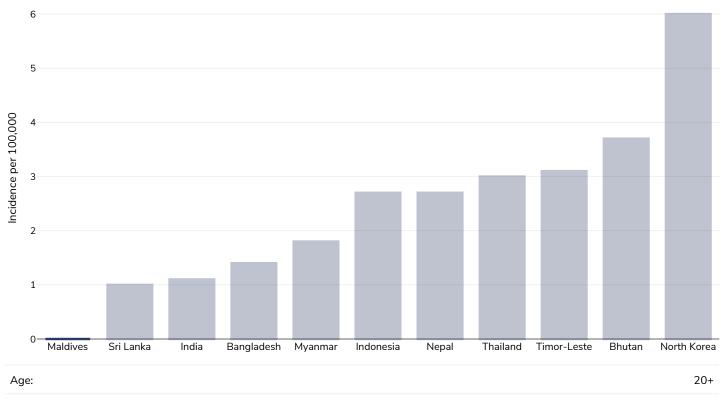
References:

Ferlay J, Ervik M, Lam F, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2020). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

https://gco.iarc.fr/today, accessed 10.01.2233

Definitions:





Area covered: National

References:

Ferlay J, Ervik M, Lam F, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2020). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

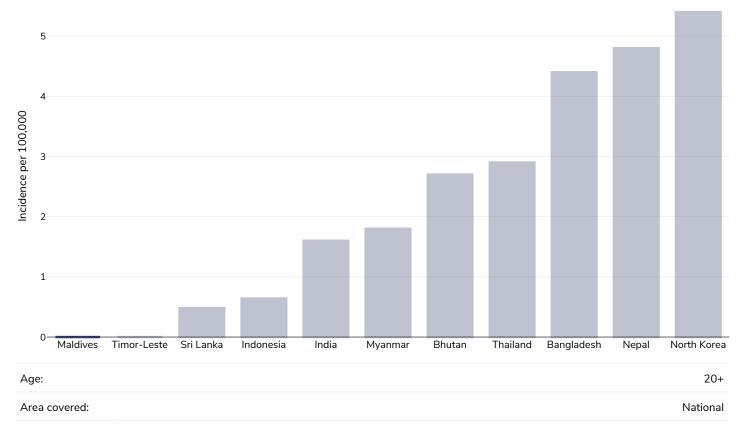
https://gco.iarc.fr/today, accessed 10.01.2233

Definitions:



#### Gallbladder cancer

#### Men, 2020



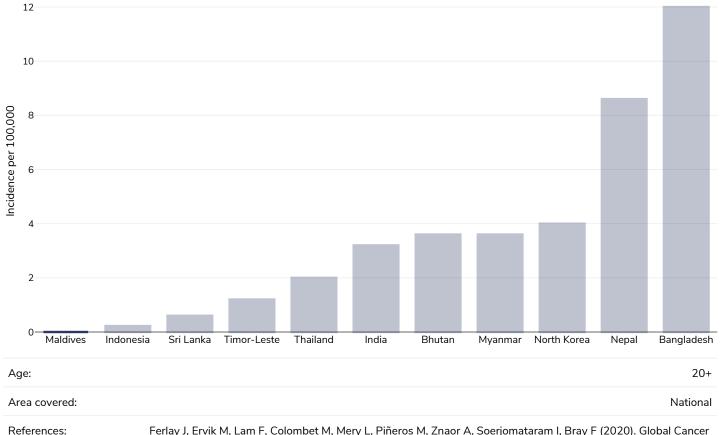
References:

Ferlay J, Ervik M, Lam F, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2020). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

https://gco.iarc.fr/today, accessed 10.01.2233

Definitions:





Ferlay J, Ervik M, Lam F, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2020). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

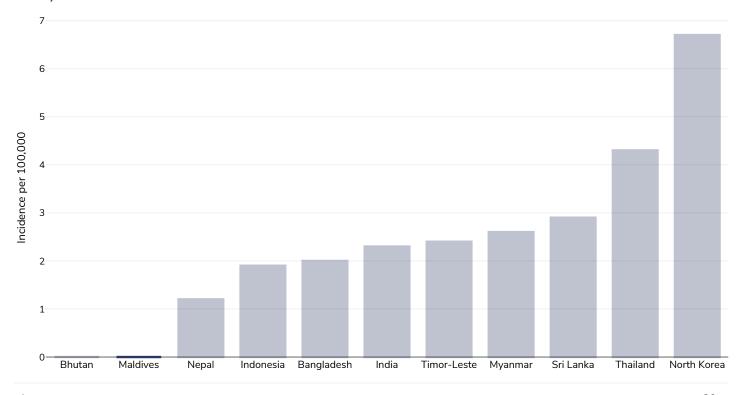
https://gco.iarc.fr/today, accessed 10.01.2233

Definitions: Age-standardized indicence rates per 100 000



# Kidney cancer

#### Men, 2020



Age: 20+

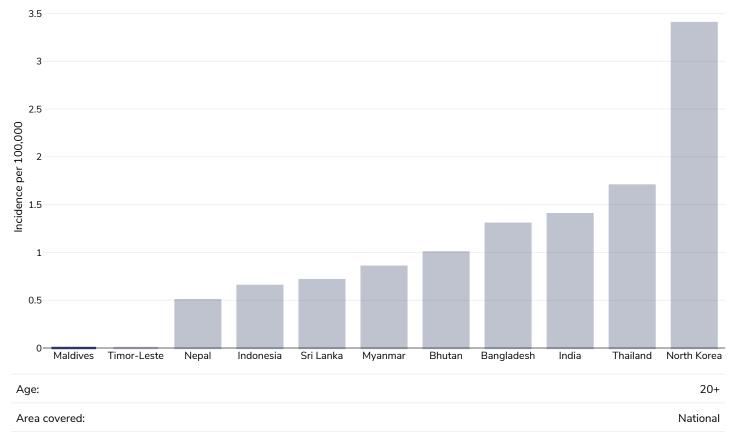
Area covered: National

References: Ferlay J, Ervik M, Lam F, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2020). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

https://gco.iarc.fr/today, accessed 10.01.2233

Definitions: Age-standardized indicence rates per 100 000





References:

Ferlay J, Ervik M, Lam F, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2020). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

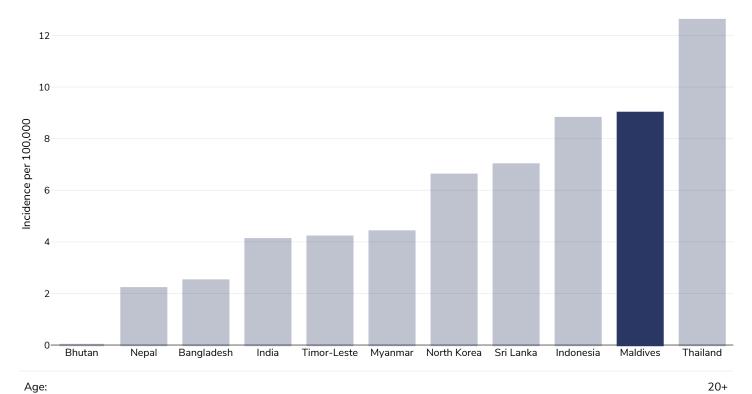
https://gco.iarc.fr/today, accessed 10.01.2233

Definitions:



#### Cancer of the uterus

#### Women, 2020



Area covered: National

References: Ferlay J, Ervik M, Lam F, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2020). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

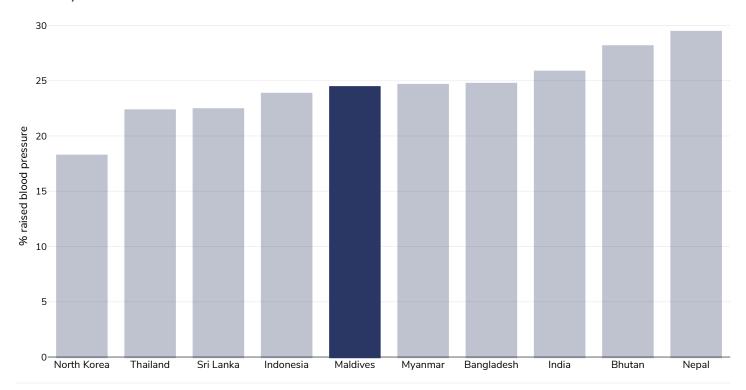
https://gco.iarc.fr/today, accessed 10.01.2233

Definitions: Age-standardized indicence rates per 100 000



# Raised blood pressure

# Adults, 2015



References:

Global Health Observatory data repository, World Health Organisation,

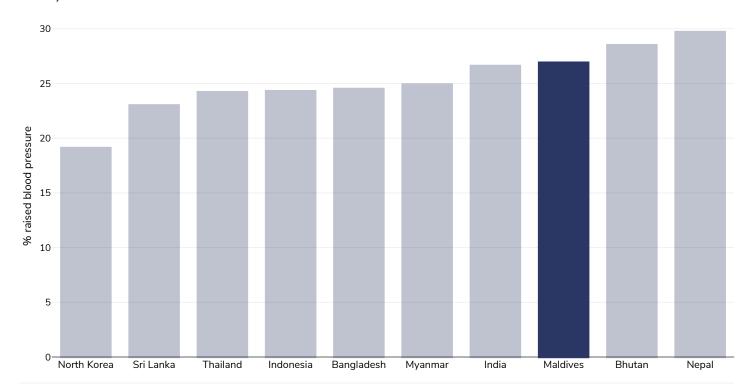
http://apps.who.int/gho/data/node.main.A875?lang=en

Definitions:

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



# Men, 2015



References:

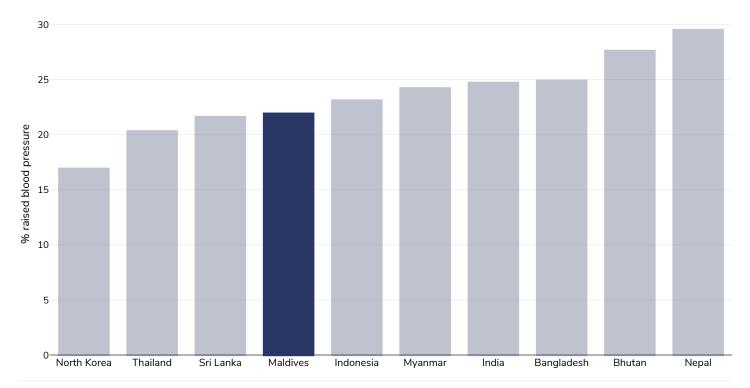
Global Health Observatory data repository, World Health Organisation,

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

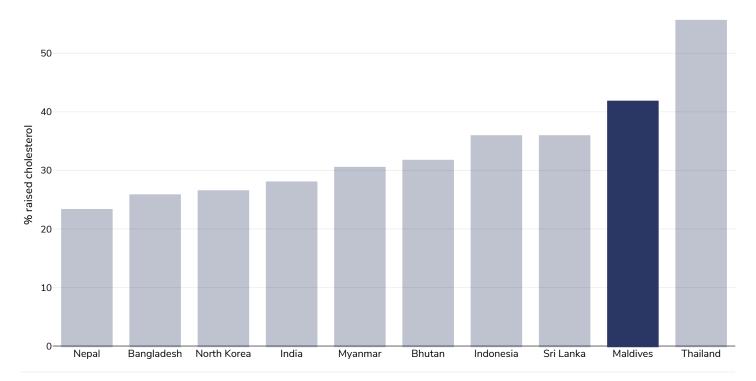
Definitions:

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,

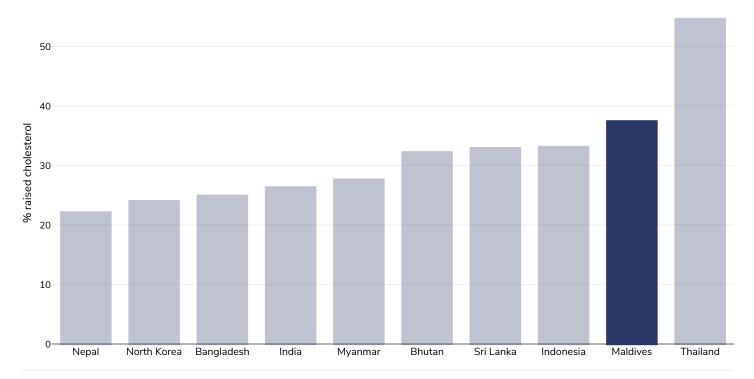
http://apps.who.int/gho/data/node.main.A885

Definitions:

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



# Men, 2008



References:

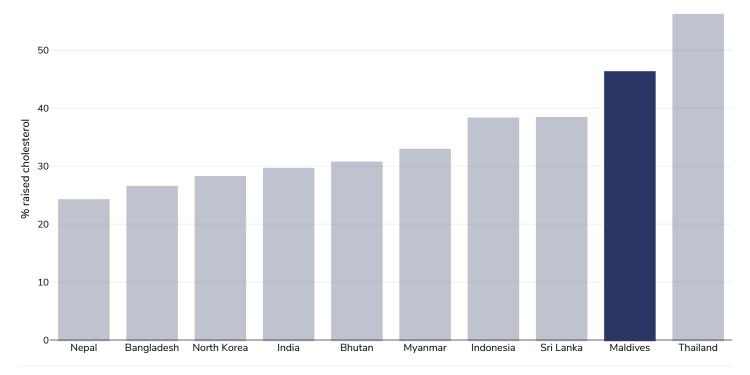
Global Health Observatory data repository, World Health Organisation,

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

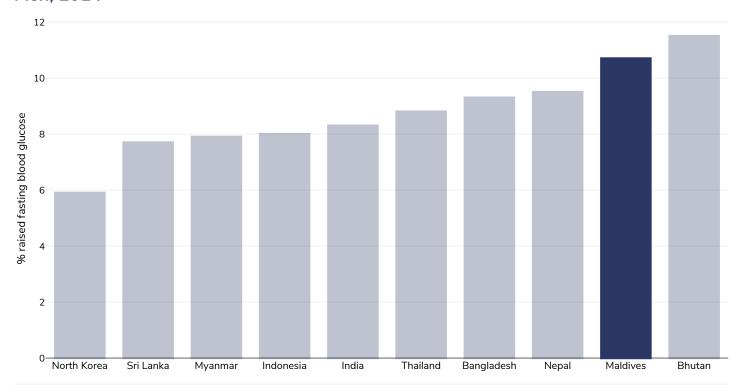
Definitions:

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



# Raised fasting blood glucose

# Men, 2014



References:

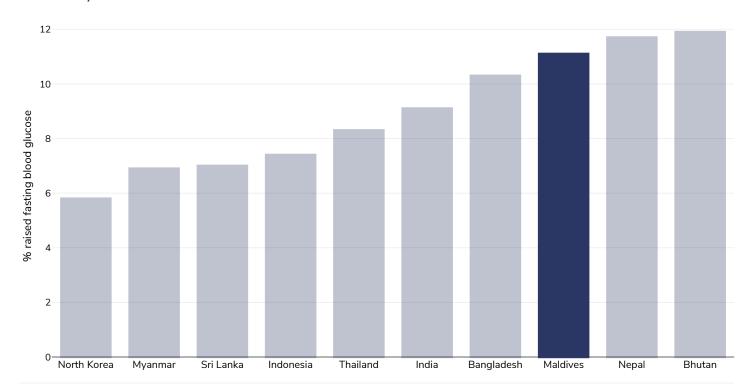
Global Health Observatory data repository, World Health Organisation,

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

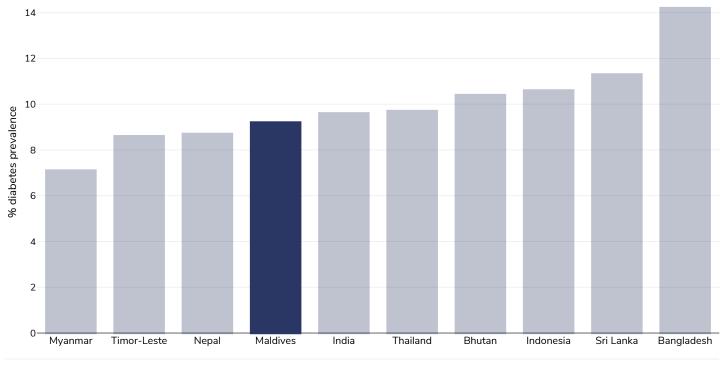
Definitions:

Age Standardised % raised fasting blood glucose (>= 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, %



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





# Political will and support

National obesity strategy?	×
National childhood obesity strategy?	X
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>
Guidelines/policy on obesity treatment?	* * *
Promotion of breastfeeding?	<b>~</b>
Monitoring and surveillance	
Monitoring of the prevalence and incidence for the main obesity-related NCDs and risk factors?	<b>~</b>
Within 5 years?	X
Governance and resource	
Multi-sectoral national co-ordination mechanism for obesity or nutrition (including obesity)?	<b>~</b>
Key	

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