

# Report card Pakistan

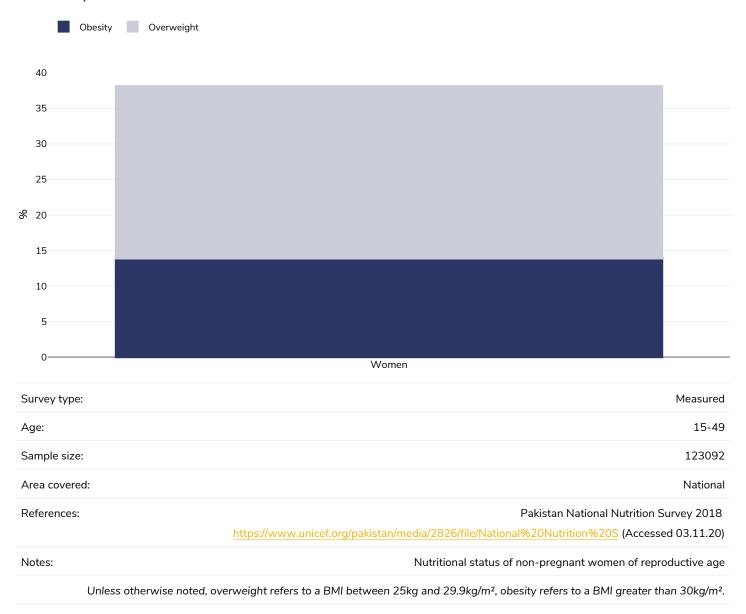


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# **Obesity prevalence**

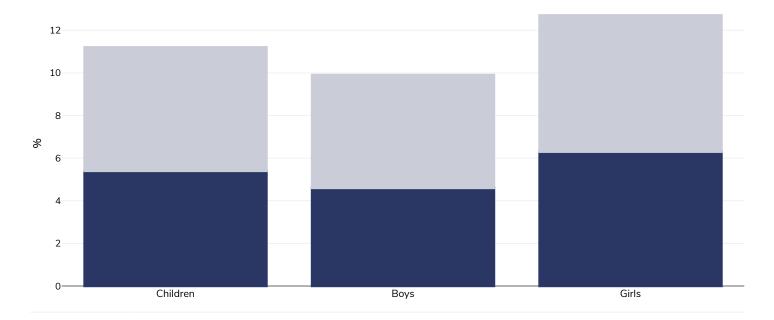
## Women, 2018





## Children, 2021





Survey type:	Measured
Age:	9-17
Sample size:	3551
Area covered:	National
References:	The Current Prevalence of Underweight. Overweight, and Obesity Associated with Demographic Factors among

Pakistan School-Aged Children and Adolescents — An Empirical Cross-Sectional Study. Available at:

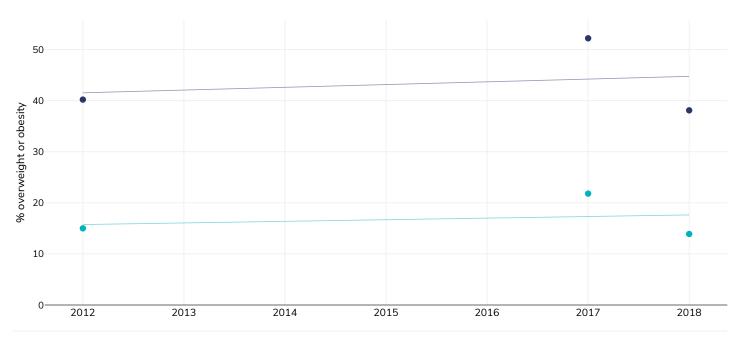
https://www.mdpi.com/1660-4601/19/18/11619

Cutoffs: CDC US 2000 BMI charts



## % Adults living with obesity, 2012-2018

Obesity, Women
 Overweight or obesity, Women



Survey type: Measured

References:

2012: National Institute of Population Studies - NIPS/Pakistan and ICF International. 2013. Pakistan Demographic and Health Survey 2012-13. Islamabad, Pakistan: NIPS/Pakistan and ICF International.

2017: National Institute of Population Studies - NIPS/Pakistan and ICF. 2019. Pakistan Demographic and Health Survey 2017-18. Islamabad, Pakistan, and Rockville, Maryland, USA: NIPS and ICF.

https://www.dhsprogram.com/pubs/pdf/FR354/FR354.pdf

2018: Pakistan National Nutrition Survey 2018

https://www.unicef.org/pakistan/media/2826/file/National%20Nutrition%20S (Accessed 03.11.20)

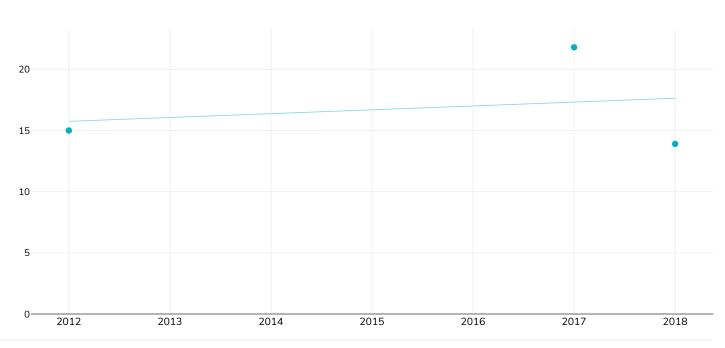
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².

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, 2012-2018

Obesity, Women



Survey type: Measured

References:

2012: National Institute of Population Studies - NIPS/Pakistan and ICF International. 2013. Pakistan Demographic and Health Survey 2012-13. Islamabad, Pakistan: NIPS/Pakistan and ICF International.

2017: National Institute of Population Studies - NIPS/Pakistan and ICF. 2019. Pakistan Demographic and Health Survey 2017-18. Islamabad, Pakistan, and Rockville, Maryland, USA: NIPS and ICF.

https://www.dhsprogram.com/pubs/pdf/FR354/FR354.pdf

2018: Pakistan National Nutrition Survey 2018

https://www.unicef.org/pakistan/media/2826/file/National%20Nutrition%20S (Accessed 03.11.20)

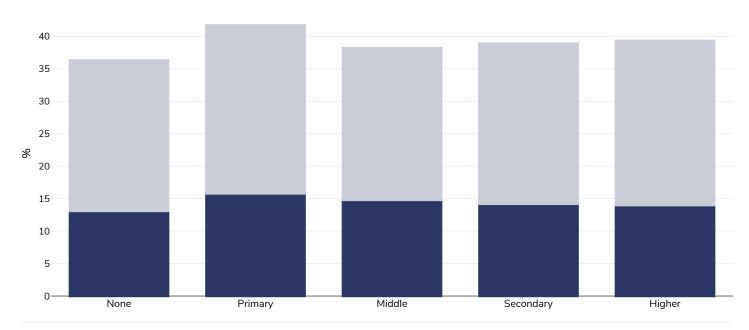
Different methodologies may have been used to collect this data and so data from different surveys may not be strictly comparable. Please check with original data sources for methodologies used.



# Overweight/obesity by education

## Women, 2018





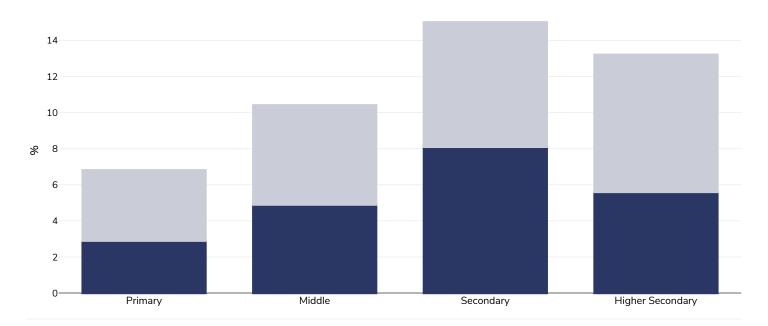
Survey type:	Measured
Age:	15-49
Sample size:	123092
Area covered:	National
References:	Pakistan National Nutrition Survey 2018 <a href="https://www.unicef.org/pakistan/media/2826/file/National%20Nutrition%20S">https://www.unicef.org/pakistan/media/2826/file/National%20Nutrition%20S</a> (Accessed 03.11.20)
Notes:	Non-pregnant women

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



## Children, 2021





Survey type:	Measured
Age:	9-17
Sample size:	3551
Area covered:	National

References: The Current Prevalence of Underweight, Overweight, and Obesity Associated with Demographic Factors among

The Current Prevalence of Underweight, Overweight, and Obesity Associated with Demographic Factors among Pakistan School-Aged Children and Adolescents — An Empirical Cross-Sectional Study. Available at:

https://www.mdpi.com/1660-4601/19/18/11619

Cutoffs: CDC US 2000 BMI charts



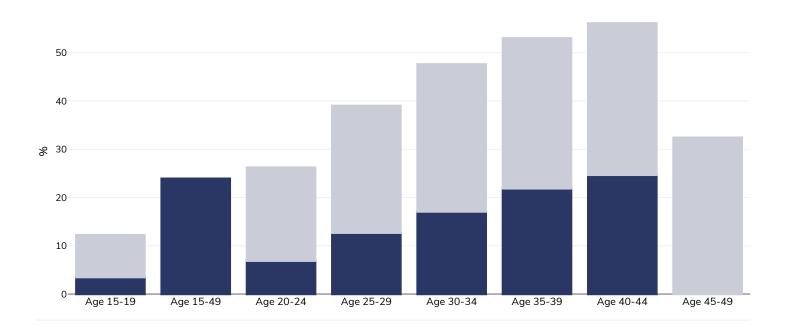
# Overweight/obesity by age

## Women, 2018

Survey type:

Notes:





Area covered:  References:	National Pakistan National Nutrition Survey 2018
	https://www.unicef.org/pakistan/media/2826/file/National%20Nutrition%20S (Accessed 03.11.20)

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

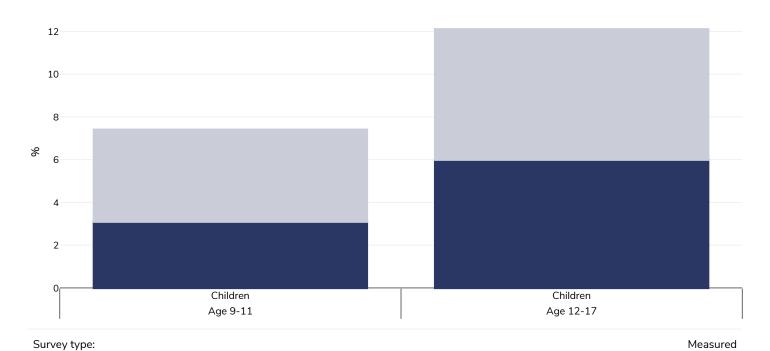
Measured

Nutritional status of non-pregnant women of reproductive age



## Children, 2021





Sample size:	3551
Area covered:	National
References:	The Current Prevalence of Underweight, Overweight, and Obesity Associated with Demographic Factors among

The Current Prevalence of Underweight, Overweight, and Obesity Associated with Demographic Factors among Pakistan School-Aged Children and Adolescents — An Empirical Cross-Sectional Study. Available at:

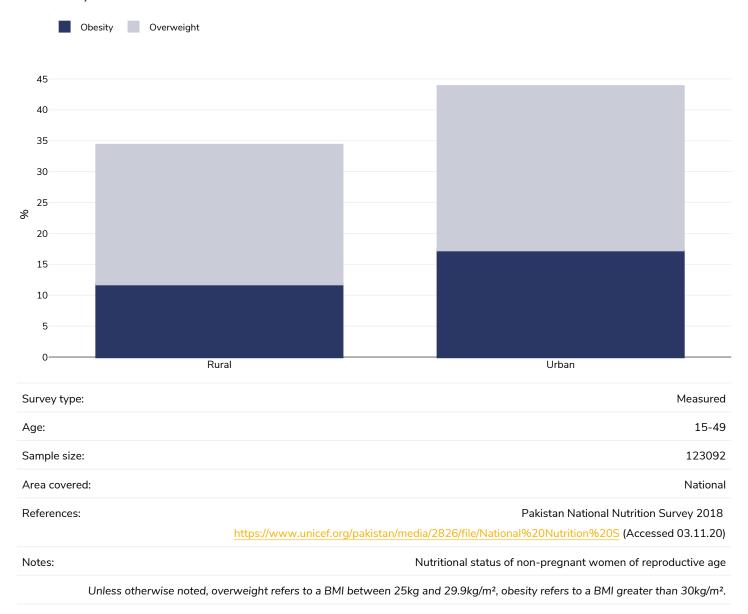
https://www.mdpi.com/1660-4601/19/18/11619

Cutoffs: CDC US 2000 BMI charts



# Overweight/obesity by region

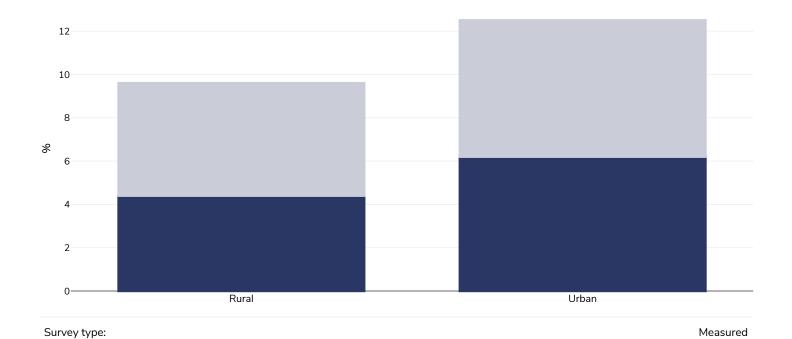
## Women, 2018





# Children, 2021





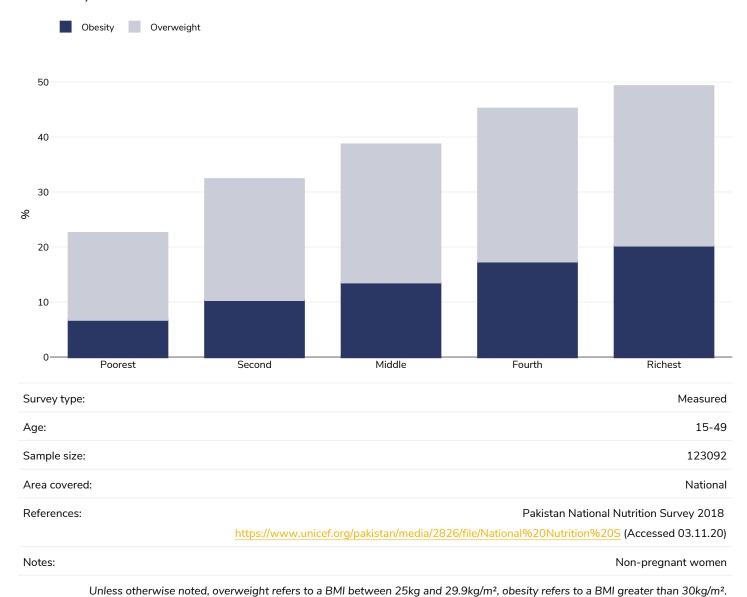
Age:	9-17
Sample size:	3551
Area covered:	National
References:	The Current Prevalence of Underweight, Overweight, and Obesity Associated with Demographic Factors among Pakistan School-Aged Children and Adolescents — An Empirical Cross-Sectional Study. Available at:
	https://www.mdpi.com/1660-4601/19/18/11619

Cutoffs: CDC US 2000 BMI charts



# Overweight/obesity by socio-economic group

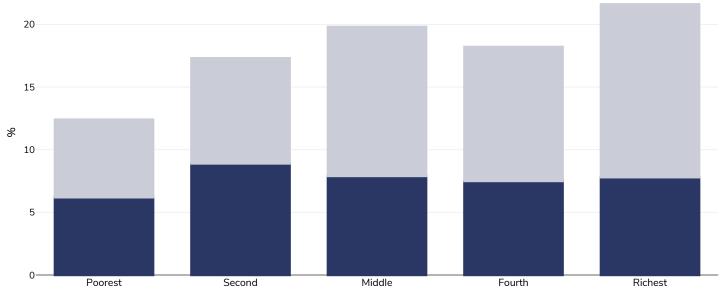
## Women, 2018





# Boys, 2018



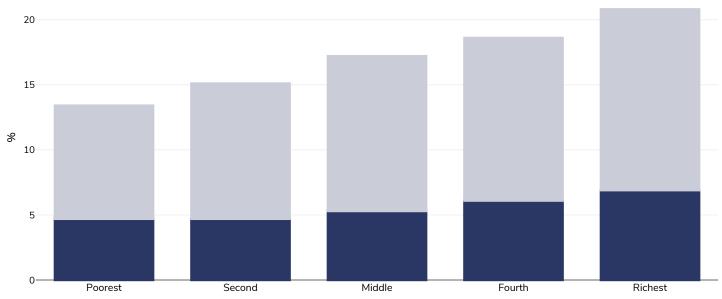


Survey type:	Measured
Age:	10-19
Area covered:	National
References:	Pakistan National Nutrition Survey 2018 https://www.unicef.org/pakistan/media/2826/file/National%20Nutrition%20S (Accessed 03.11.20)
Notes:	BMI-for-age cut-offs also available
Cutoffs:	WHO



# Girls, 2018



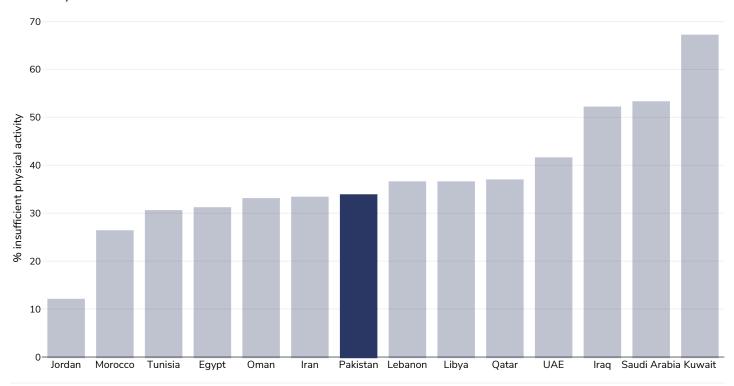


Survey type:	Measured
Age:	10-19
Area covered:	National
References:	Pakistan National Nutrition Survey 2018
	https://www.unicef.org/pakistan/media/2826/file/National%20Nutrition%20S (Accessed 03.11.20)
Notes:	BMI-for-age cut-offs also available
Cutoffs:	WHO



# Insufficient physical activity

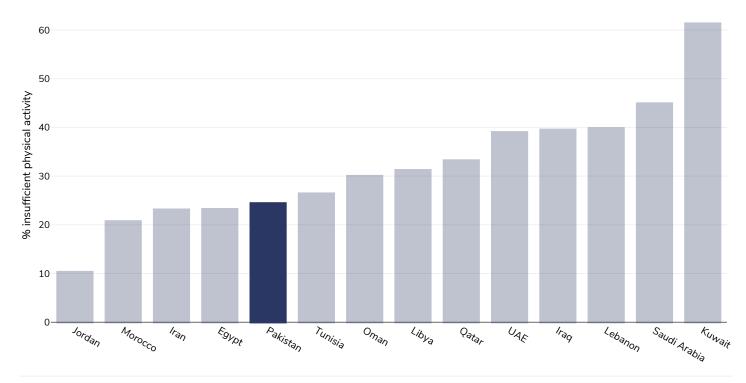
## Adults, 2016



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



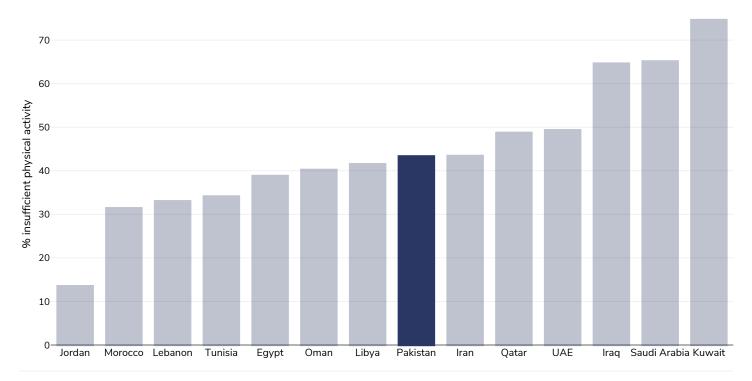
## Men, 2016



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



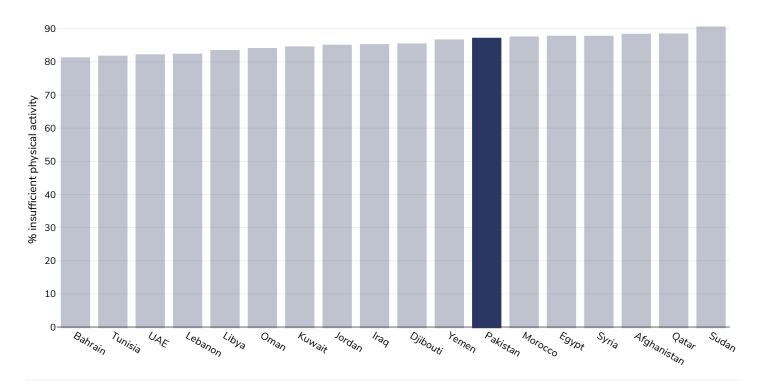
## Women, 2016



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,

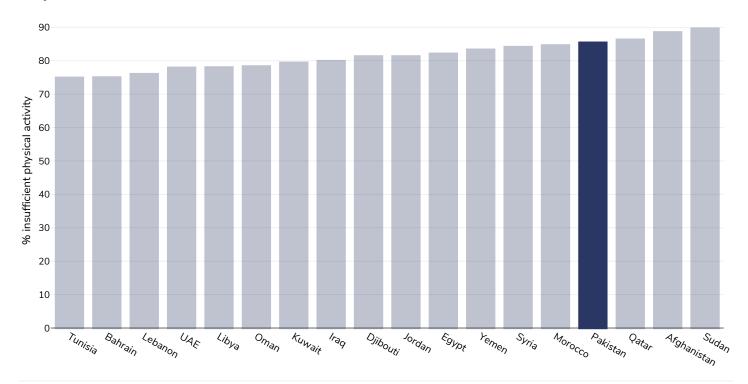
https://apps.who.int/gho/data/node.main.A893ADO?lang=en (last accessed 16.03.21)

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,

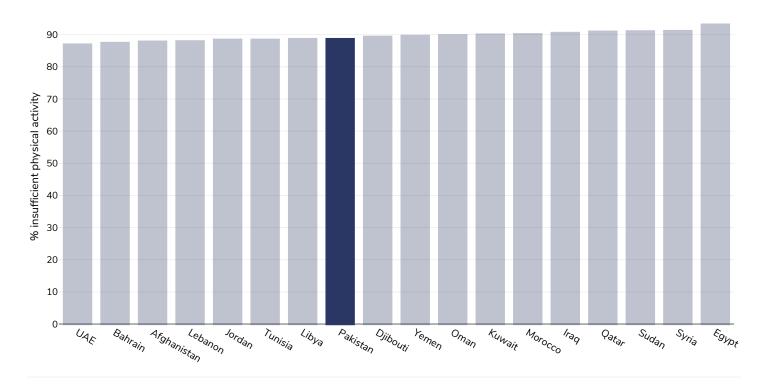
https://apps.who.int/gho/data/node.main.A893ADO?lang=en (last accessed 16.03.21)

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)

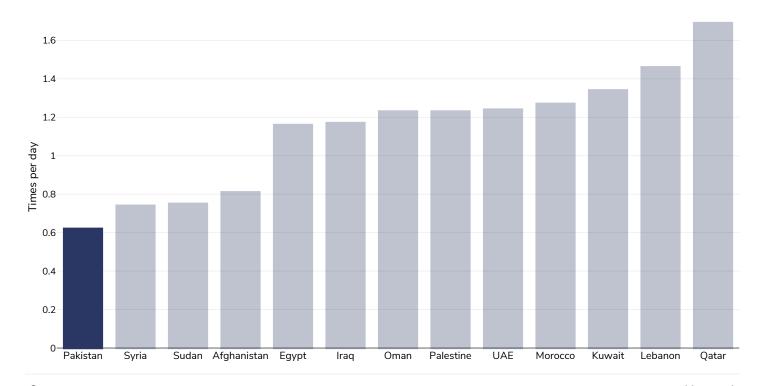
Notes: % of school going adolescents not meeting WHO recommendations on Physical Activity for Health, i.e. doing less than 60 minutes of moderate- to vigorous-intensity physical activity daily.

Definitions: % Adolescents insufficiently active (age standardised estimate)



# Average daily frequency of carbonated soft drink consumption

## Children, 2009-2015



Survey type: Measured
Age: 12-17

References:

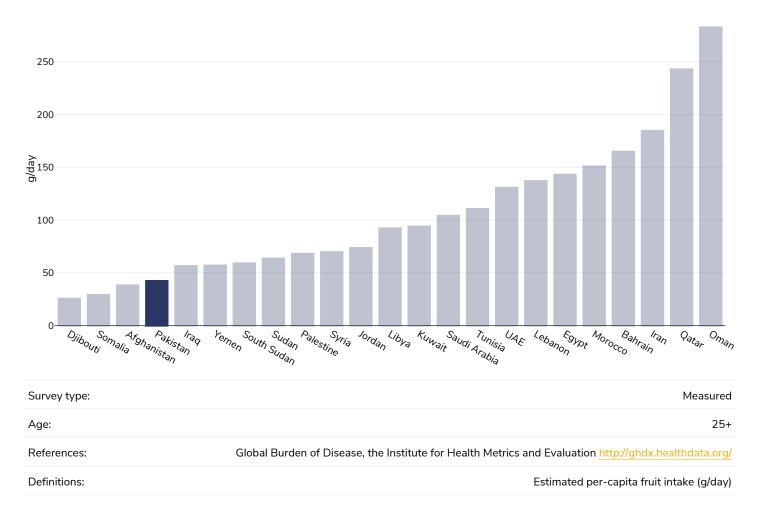
Beal et al. (2019). Global Patterns of Adolescent Fruit, Vegetable, Carbonated Soft Drink, and Fast-food consumption: A meta-analysis of global school-based student health surveys. Food and Nutrition Bulletin. <a href="https://doi.org/10.1177/0379572119848287">https://doi.org/10.1177/0379572119848287</a> sourced from Food Systems Dashboard

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



# Estimated per capita fruit intake

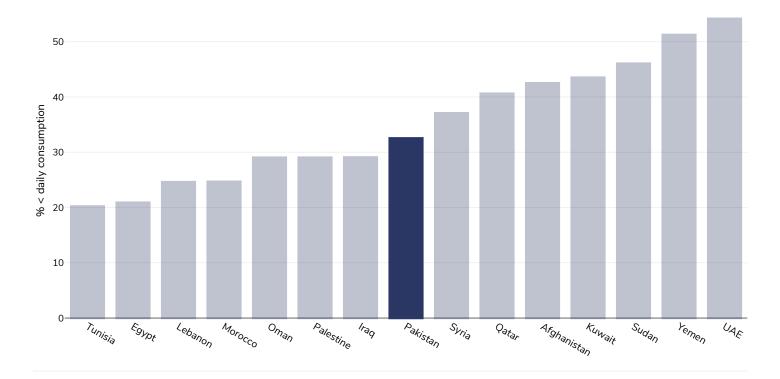
## Adults, 2017





# Prevalence of less than daily fruit consumption

## Children, 2008-2015



Survey type:

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

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

Measured

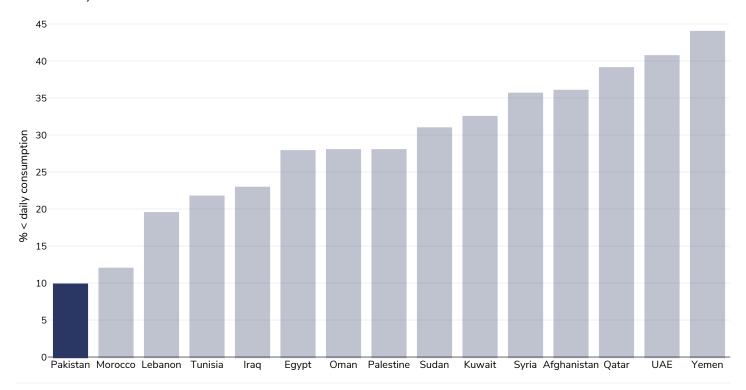
Definitions:

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



# Prevalence of less than daily vegetable consumption

## Children, 2008-2015



Survey type: Measured

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

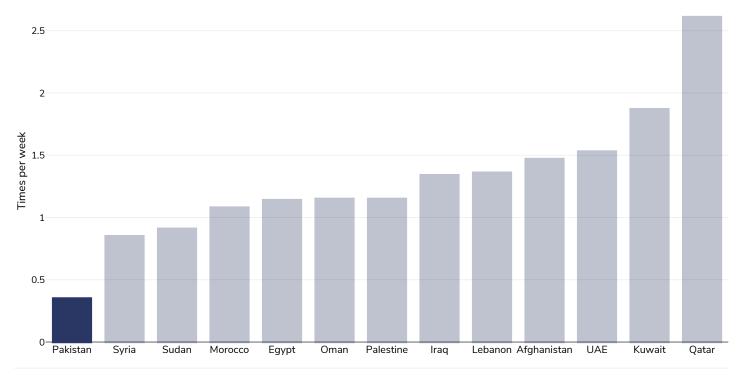
Definitions:

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



# Average weekly frequency of fast food consumption

## Children, 2009-2015



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.

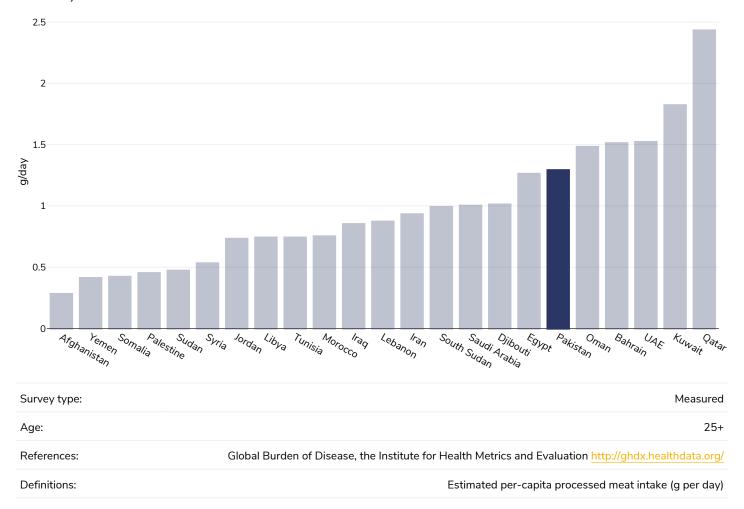
https://doi.org/10.1177/0379572119848287 sourced from Food Systems Dashboard

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



# Estimated per-capita processed meat intake

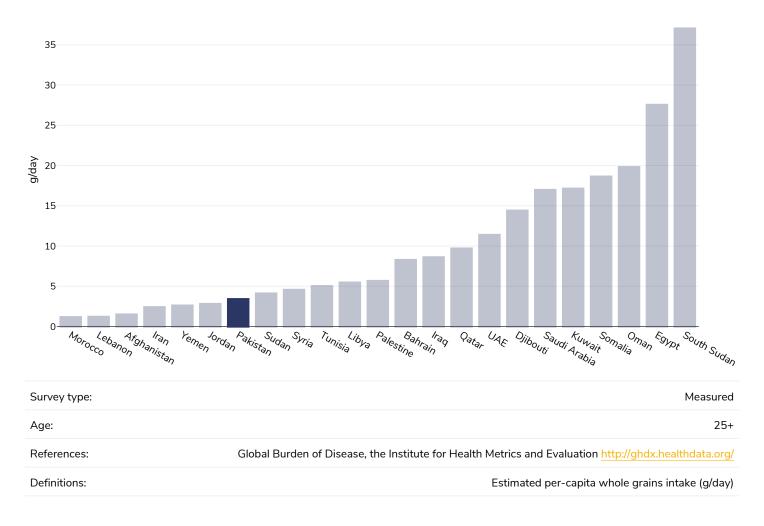
#### Adults, 2017





# Estimated per capita whole grains intake

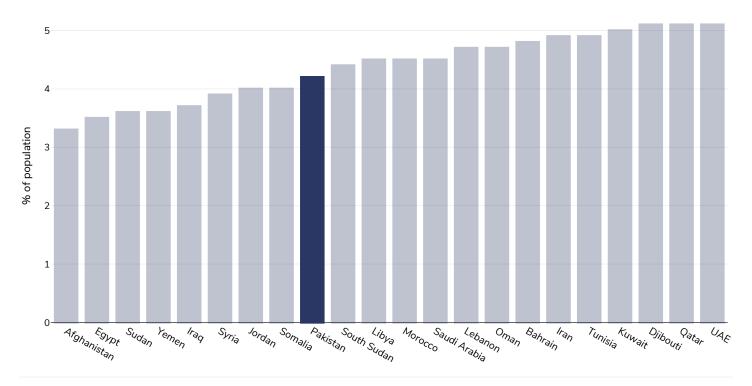
## Adults, 2017





# 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.

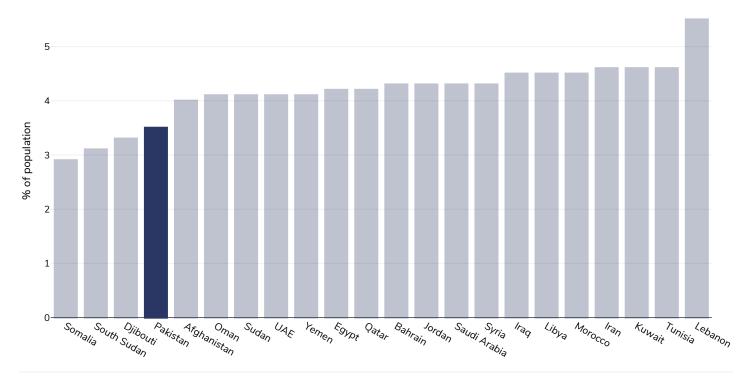
Definitions:

% 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.

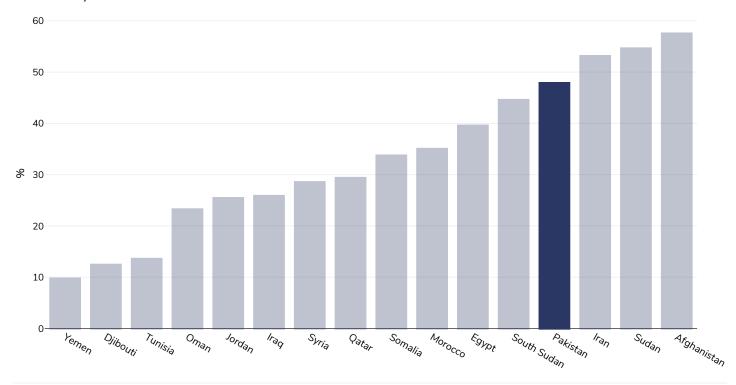
Definitions:

% of population with anxiety disorders



# % Infants exclusively breastfed 0-5 months

## Children, 2010-2019



Area covered: National

References:

Pakistan 2018 National Nutrition Survey

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.

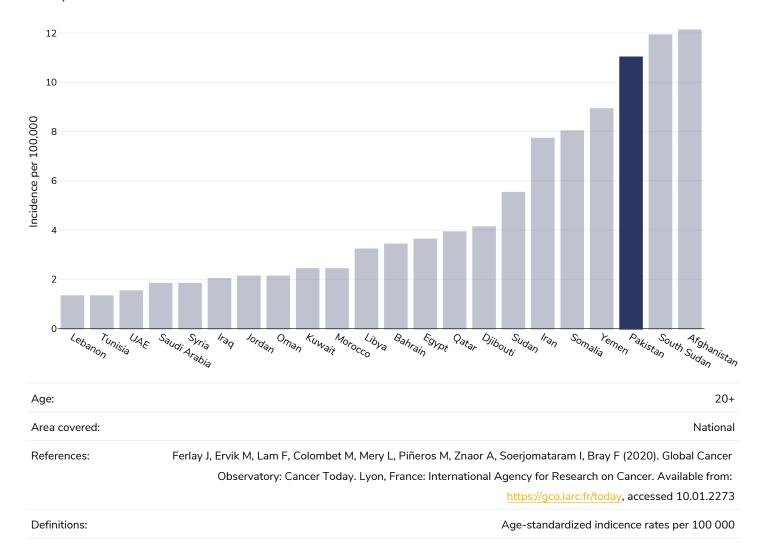
Definitions:

% exclusively breastfed 0-5 months



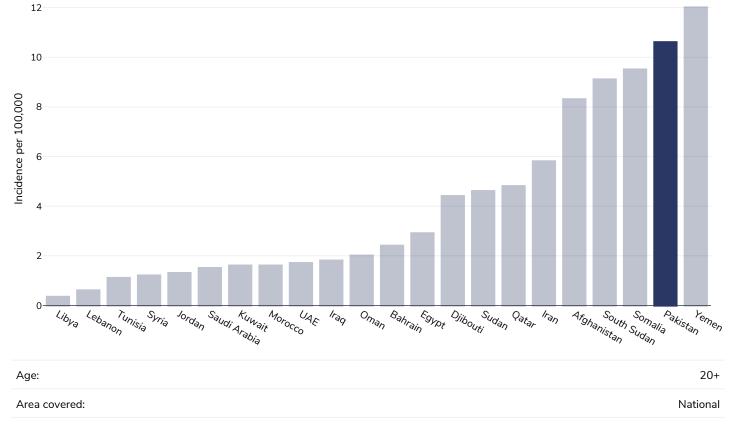
## Oesophageal cancer

#### Men, 2020





## Women, 2020



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:

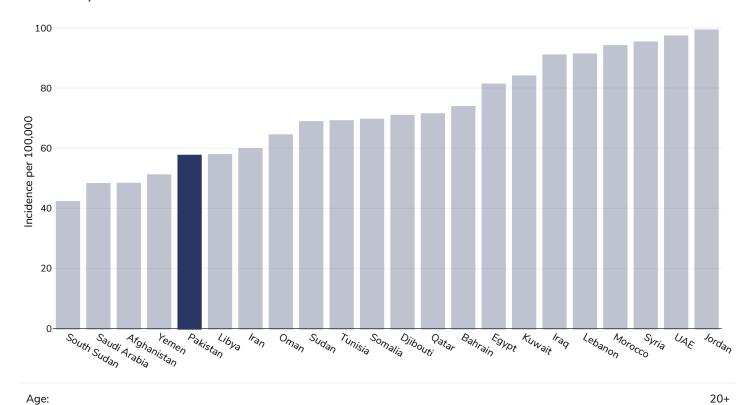
https://gco.iarc.fr/today, accessed 10.01.2273

Definitions: Age-standardized indicence rates per 100 000



#### **Breast cancer**

#### Women, 2020



Age:

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 10.01.2273

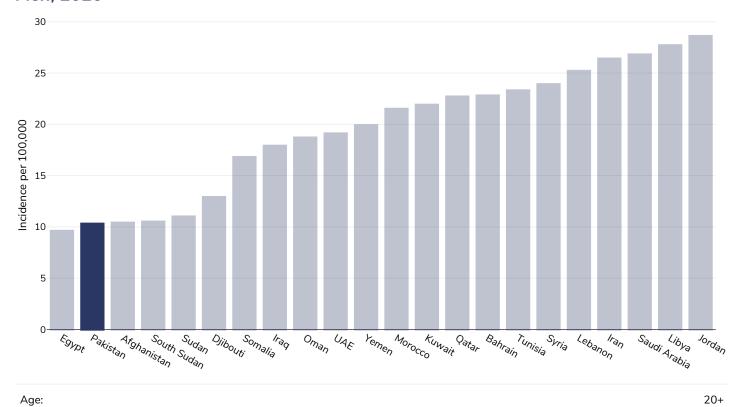
National

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 10.01.2273

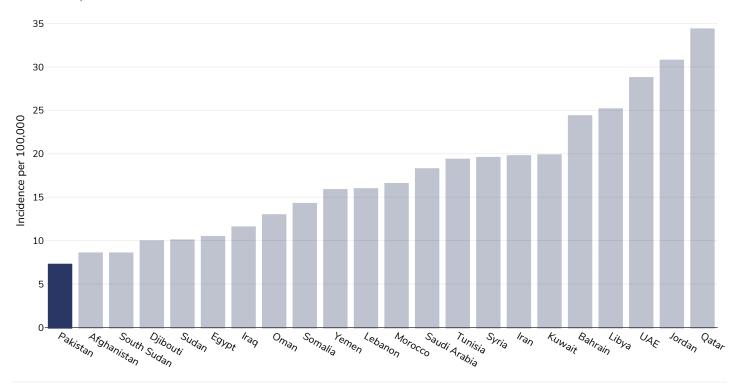
National

Definitions:

Age-standardized indicence rates per 100 000



#### Women, 2020



Area covered: National

References:

Age:

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 10.01.2273

20+

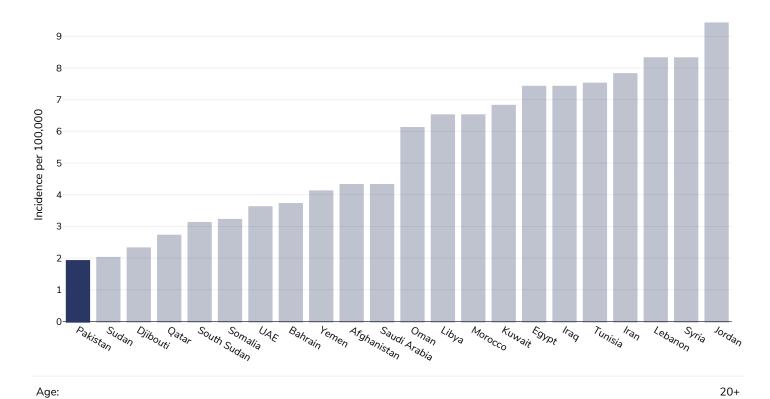
Definitions:

Age-standardized indicence rates per 100 000



#### Pancreatic 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:

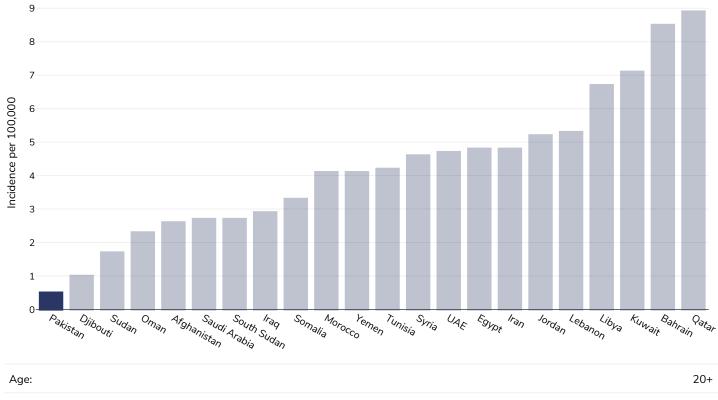
https://gco.iarc.fr/today, accessed 10.01.2273

National

Definitions:

Age-standardized indicence rates per 100 000





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:

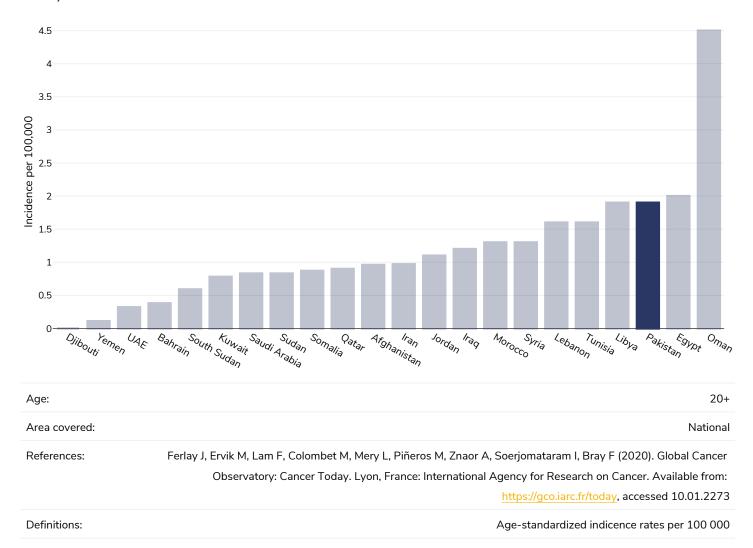
https://gco.iarc.fr/today, accessed 10.01.2273

Definitions:

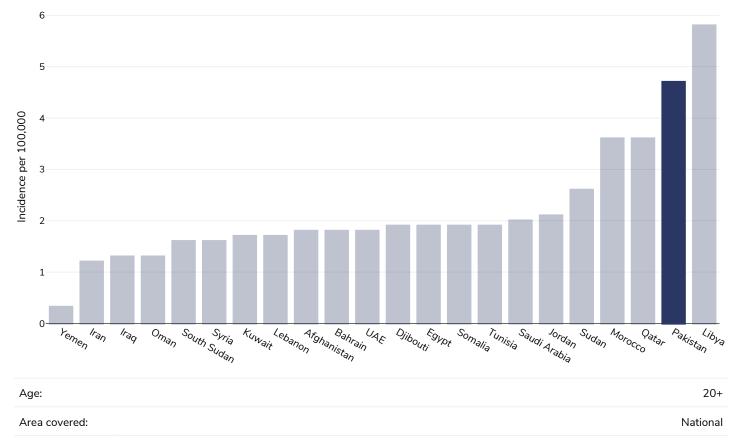


#### Gallbladder cancer

#### 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:

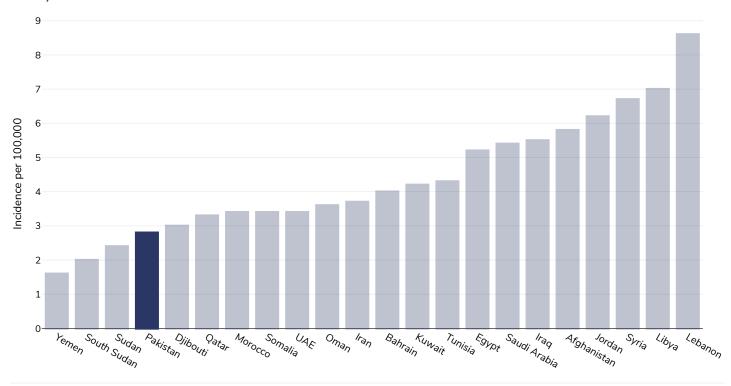
https://gco.iarc.fr/today, accessed 10.01.2273

Definitions:



## Kidney cancer

#### Men, 2020



Age:

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:

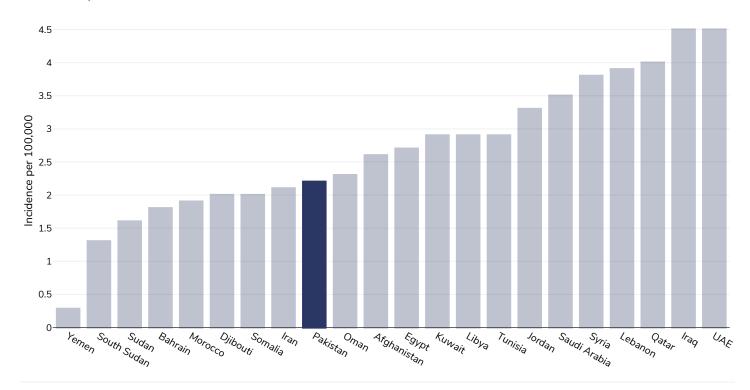
https://gco.iarc.fr/today, accessed 10.01.2273

20+

National

Definitions:





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:

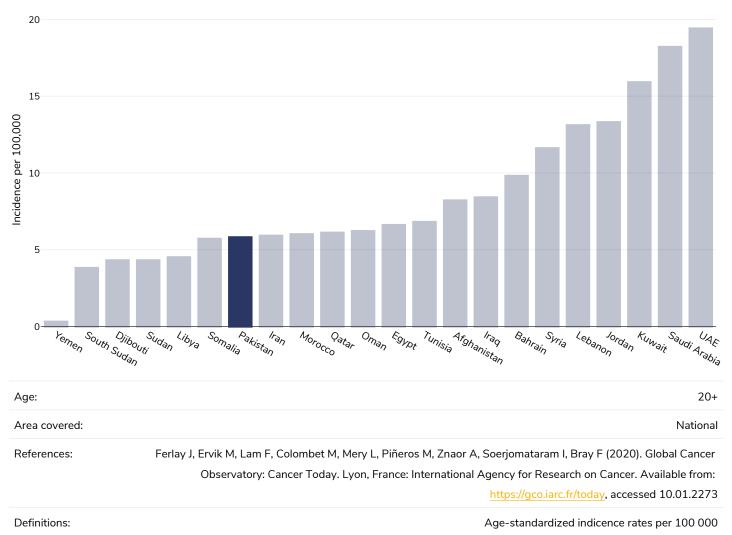
https://gco.iarc.fr/today, accessed 10.01.2273

Definitions:



#### Cancer of the uterus

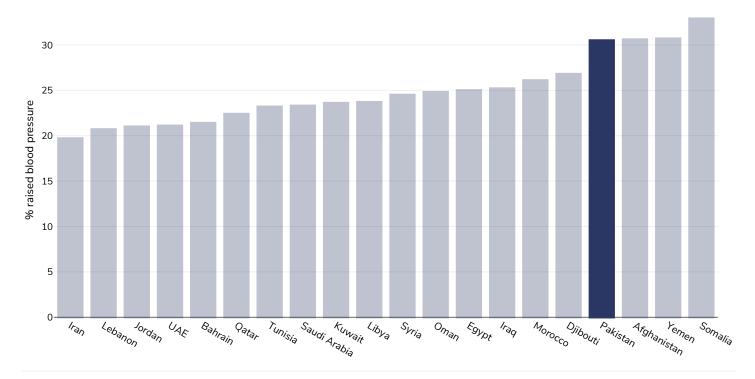
#### Women, 2020





## Raised blood pressure

#### Adults, 2015



References:

Global Health Observatory data repository, World Health Organisation,

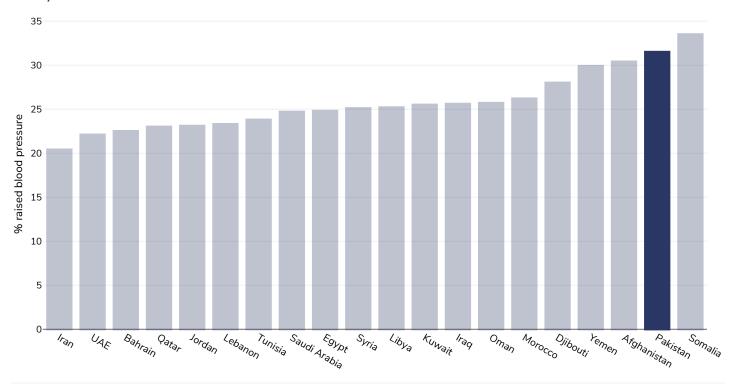
http://apps.who.int/gho/data/node.main.A875?lang=en

Definitions:

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



#### Men, 2015



References:

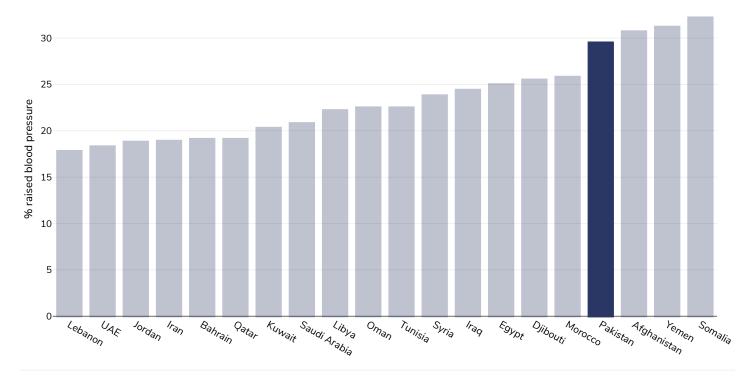
Global Health Observatory data repository, World Health Organisation,

 $\underline{\text{http://apps.who.int/gho/data/node.main.A875?lang=en}}$ 

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

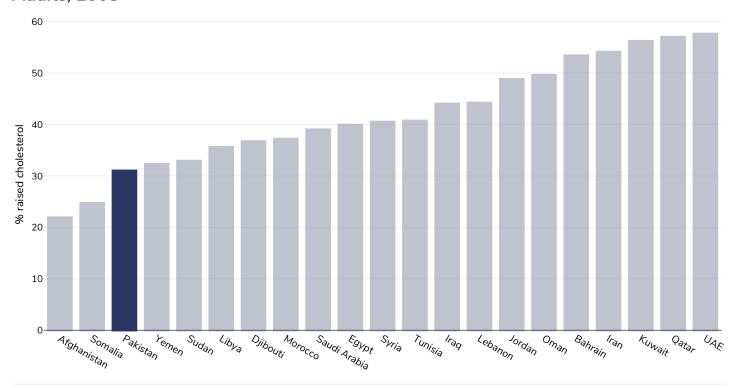
Definitions:

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,

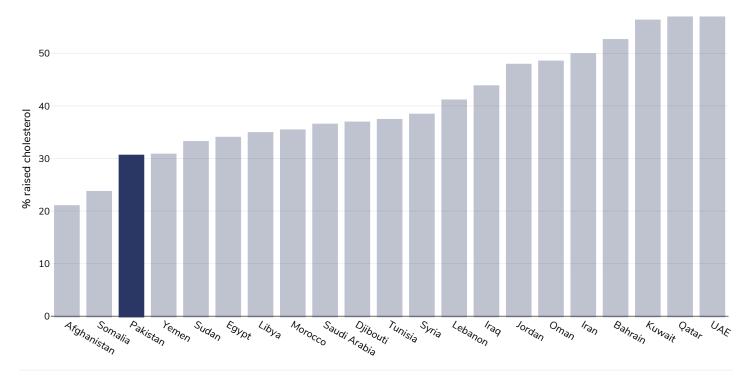
http://apps.who.int/gho/data/node.main.A885

Definitions:

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



#### Men, 2008



References:

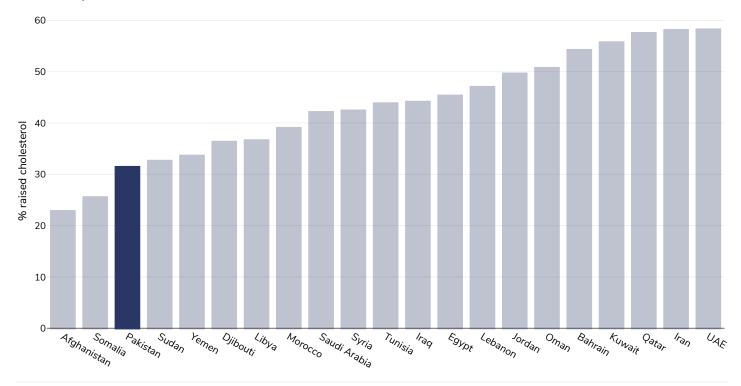
Global Health Observatory data repository, World Health Organisation,

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

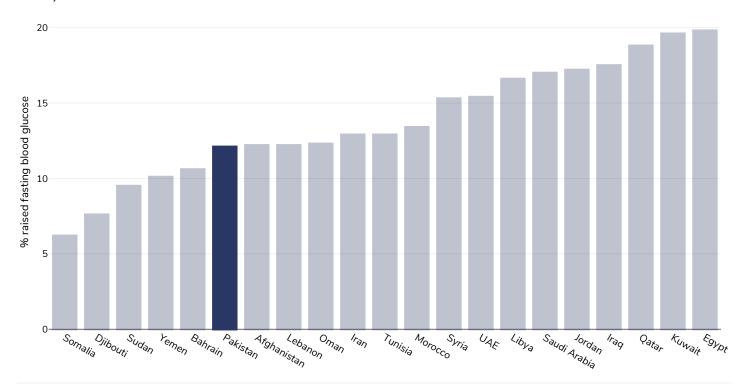
Definitions:

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



## Raised fasting blood glucose

#### Men, 2014



References:

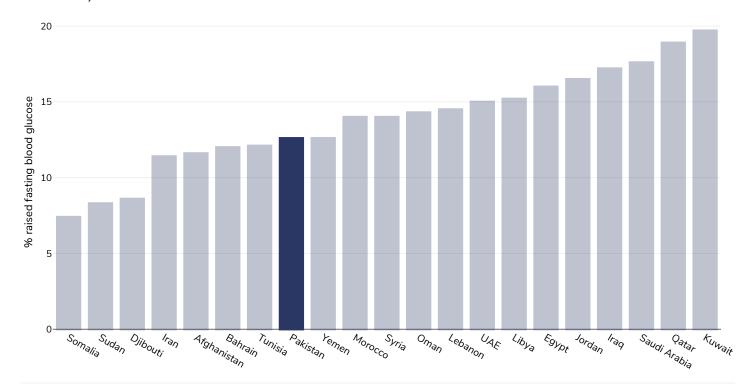
Global Health Observatory data repository, World Health Organisation,

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:

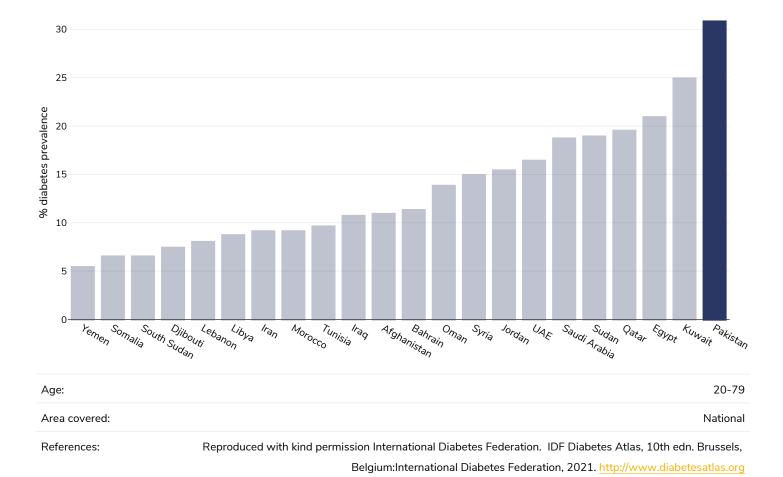
Age Standardised % raised fasting blood glucose (>= 7.0 mmol/L or on medication).



## **Diabetes prevalence**

#### Adults, 2021

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?	×
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 or nutrition and physical activity national strategy?	X
National obesity strategy?	X
National childhood obesity strategy?	X
Comprehensive nutrition strategy?	<b>~</b>
Comprehensive physical activity strategy?	X
Evidence-based dietary guidelines and/or RDAs?	<b>~</b>
National target(s) on reducing obesity?	X
Guidelines/policy on obesity treatment?	X
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?	<b>~</b>
Governance and resource	
Multi-sectoral national co-ordination mechanism for obesity or nutrition (including obesity)?	<b>~</b>
Key	
Present Present (voluntary) Incoming Absent Unknown	

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