

Report card Lebanon



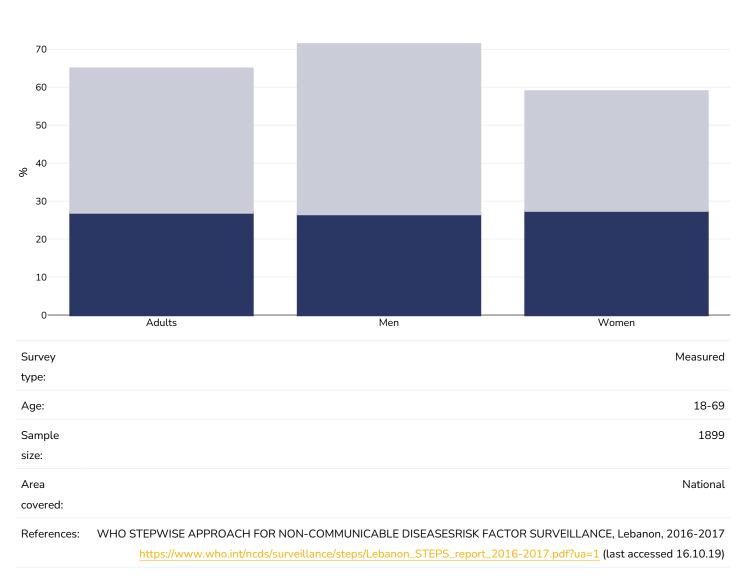
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Obesity prevalence

Adults, 2016-2017

Obesity Overweight

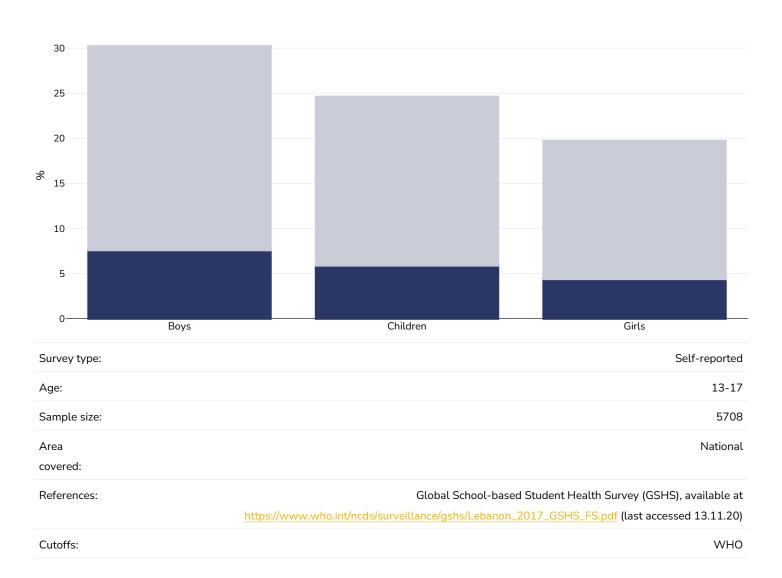


Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



Children, 2017

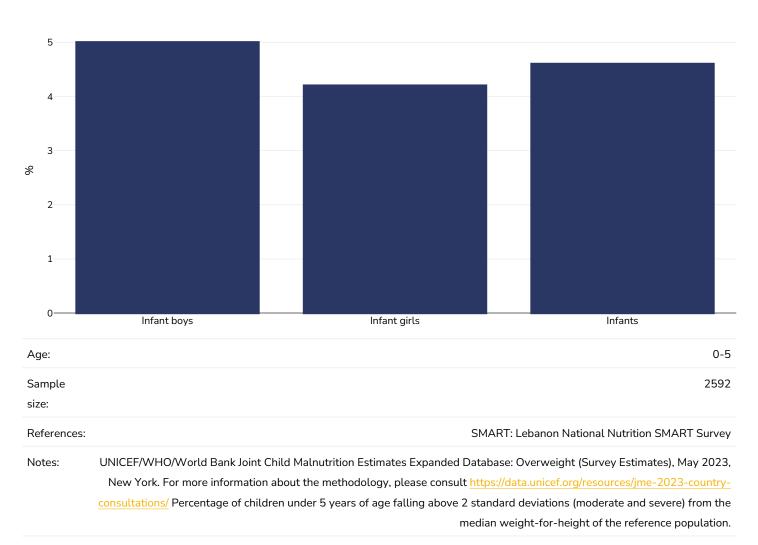






Infants, 2021

Overweight or obesity



Definitions:

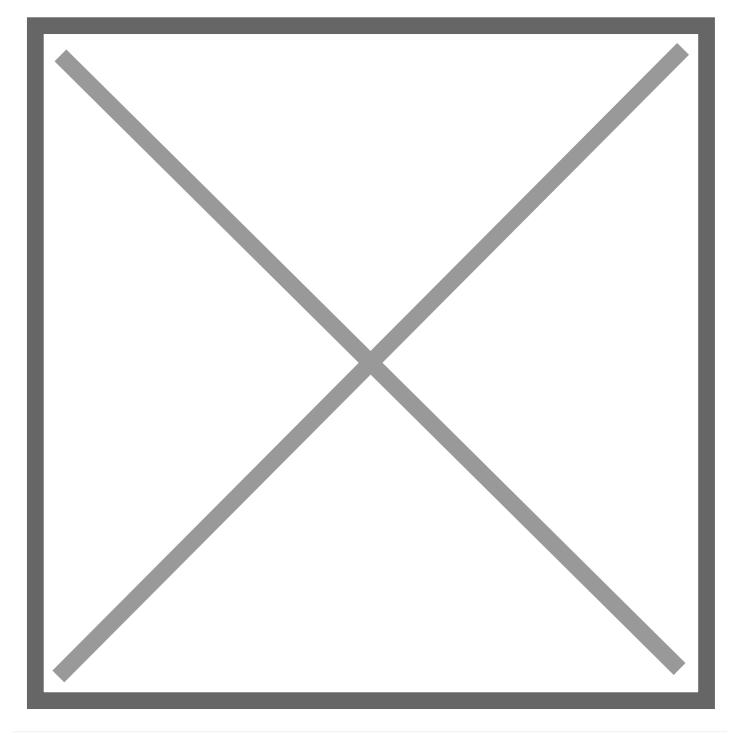
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% Adults living with obesity in Lebanon 1997-2016



Men



Survey type:	Measured
References:	1997: Sibai AM, Hwalla N, Adra N, Rahal B. Prevalence and Covariates of Obesity in Lebanon: Findings from the First Epidemiolgical Study. Obesity Research 203;11:1353-1361
	2009: WHO STEPS Report 2009 Lebanon
	2016: WHO STEPWISE APPROACH FOR NON-COMMUNICABLE DISEASESRISK FACTOR SURVEILLANCE, Lebanon, 2016-
	2017 https://www.who.int/ncds/surveillance/steps/Lebanon_STEPS_report_2016-2017.pdf?ua=1 (last accessed 16.10.19)



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Women

Survey type:	Measured
References:	1997: Sibai AM, Hwalla N, Adra N, Rahal B. Prevalence and Covariates of Obesity in Lebanon: Findings from the First
	Epidemiolgical Study. Obesity Research 203;11:1353-1361
	2009: WHO STEPS Report 2009 Lebanon
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% Adults living with overweight or obesity in Lebanon 1997-2016



Women

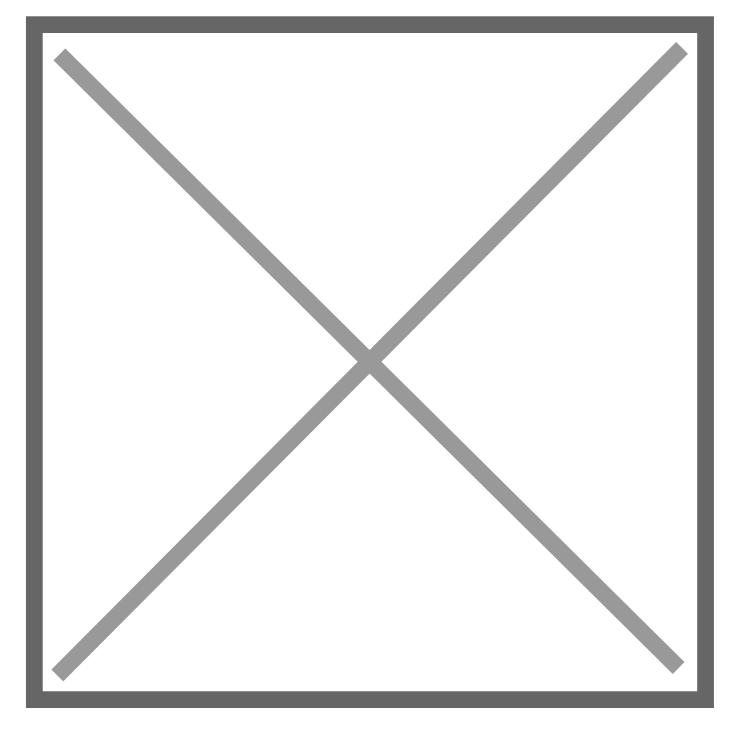
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	2009: Nasreddine L, Naja F, Chamieh MC et al. Trends in overweight and obesity in Lebanon: evidence from two national
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	2016: WHO STEPWISE APPROACH FOR NON-COMMUNICABLE DISEASESRISK FACTOR SURVEILLANCE, Lebanon, 2016-



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Men



Survey type:	Measured
References:	1997: Sibai AM, Hwalla N, Adra N, Rahal B. Prevalence and Covariates of Obesity in Lebanon: Findings from the First
	Epidemiolgical Study. Obesity Research 203;11:1353-1361
	2009: Nasreddine L, Naja F, Chamieh MC et al. Trends in overweight and obesity in Lebanon: evidence from two national
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	2016: WHO STEPWISE APPROACH FOR NON-COMMUNICABLE DISEASESRISK FACTOR SURVEILLANCE Lebanon, 2016-



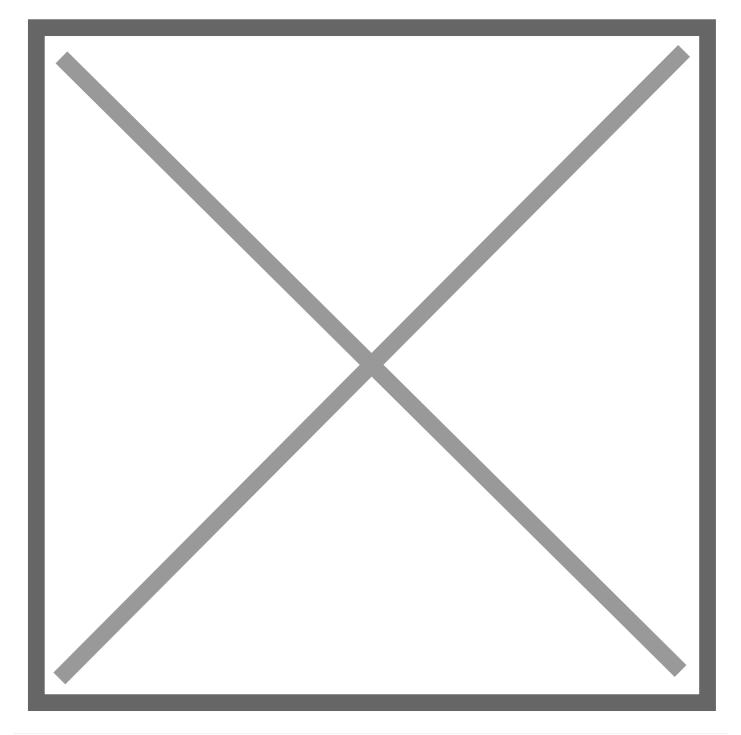
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Trends children 2005 2017 overweight or obesity



Girls



Survey Self-reported type:
References: 2005: Global School-based Student Health Survey, Fact Sheet available at https://www.who.int/ncds/surveillance/gshs/2005_Lebanon_Fact_Sheet.pdf?ua=1 (last accessed 25.11.20) 2011: Global School-based Student Health Survey, Fact Sheet available at https://www.who.int/ncds/surveillance/gshs/2011_GSHS_FS_Lebanon.pdf?ua=1 2017: Global School-based Student Health Survey (GSHS), available at





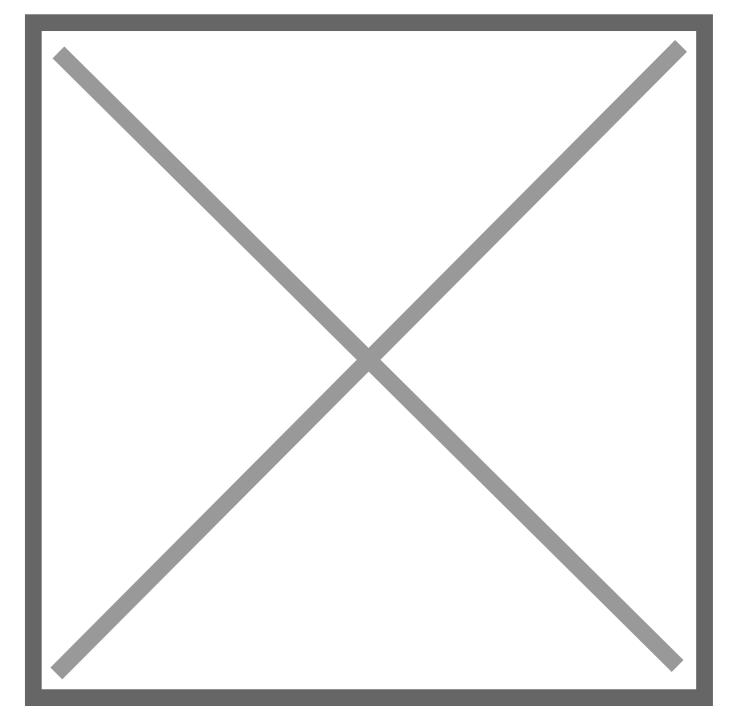
Boys and girls

Survey Self-reported type: References: 2005: Global School-based Student Health Survey, Fact Sheet available at https://www.who.int/ncds/surveillance/gshs/2005_Lebanon_Fact_Sheet.pdf?ua=1 (last accessed 25.11.20) 2011: Global School-based Student Health Survey, Fact Sheet available at https://www.who.int/ncds/surveillance/gshs/2011_GSHS_FS_Lebanon.pdf?ua=1 2017: Global School-based Student Health Survey (GSHS), available at





Boys



Survey Self-reported type: References: 2005: Global School-based Student Health Survey, Fact Sheet available at https://www.who.int/ncds/surveillance/gshs/2005_Lebanon_Fact_Sheet.pdf?ua=1 (last accessed 25.11.20) 2011: Global School-based Student Health Survey, Fact Sheet available at https://www.who.int/ncds/surveillance/gshs/2011_GSHS_FS_Lebanon.pdf?ua=1 2017: Global School-based Student Health Survey (GSHS), available at

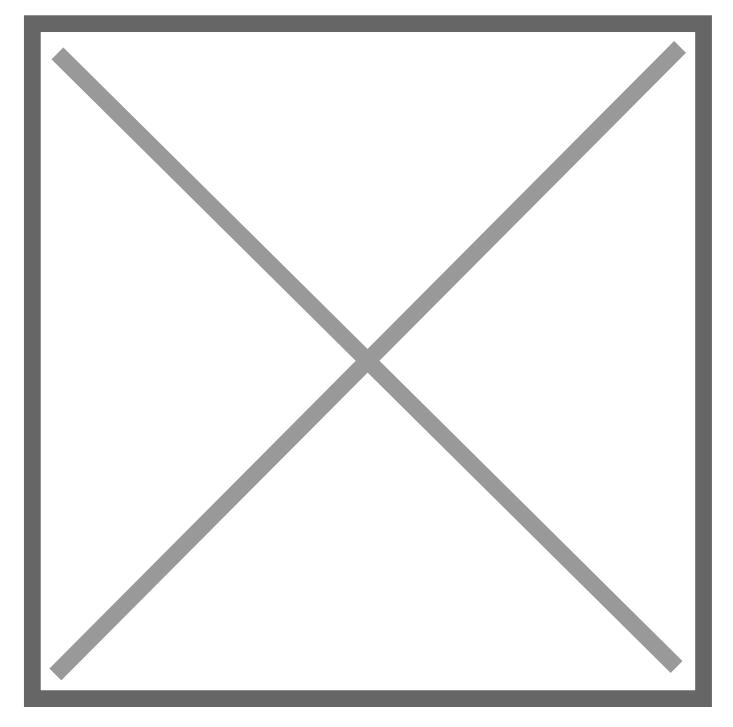




Trends obesity children 2005 2017



Girls



Survey Self-reported type: References: 2005: Global School-based Student Health Survey, Fact Sheet available at https://www.who.int/ncds/surveillance/gshs/2005_Lebanon_Fact_Sheet.pdf?ua=1 (last accessed 25.11.20) 2011: Global School-based Student Health Survey, Fact Sheet available at https://www.who.int/ncds/surveillance/gshs/2011_GSHS_FS_Lebanon.pdf?ua=1 2017: Global School-based Student Health Survey (GSHS), available at





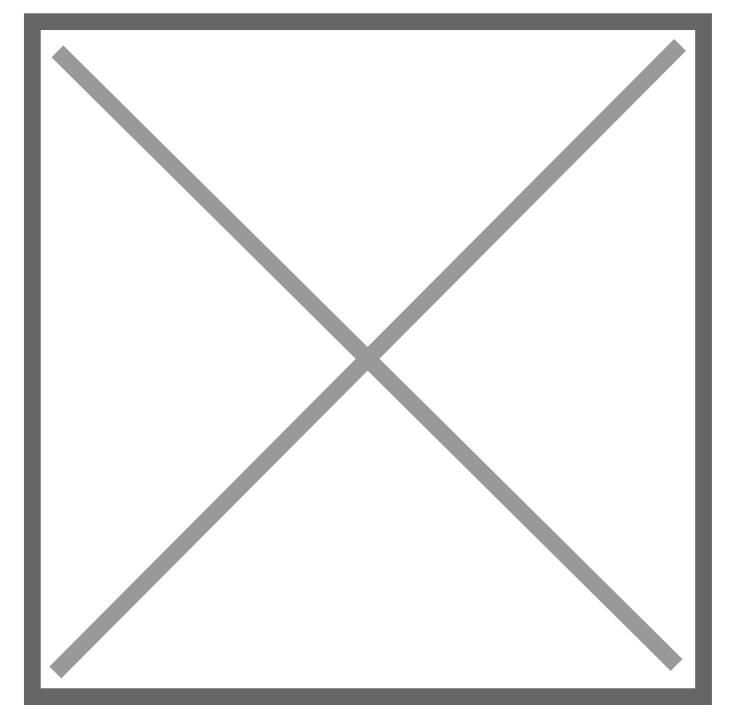
Boys and girls

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Boys



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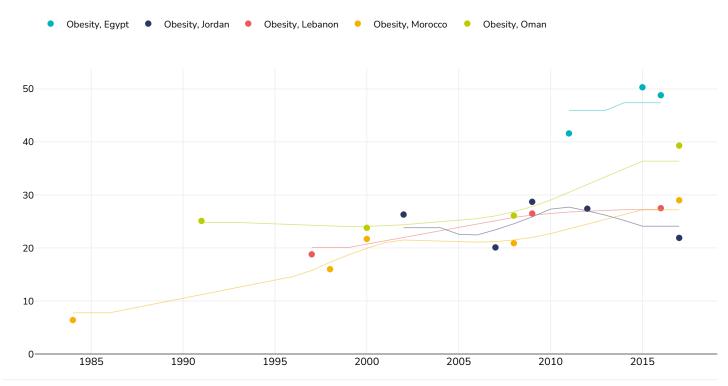




% Adults living with obesity in selected countries in the EMRO Region 1984-2017, selected countries



Women



References: 1984, 1998: Benjelloun S. Nutrition transition in Morocco. Public Health Nutrition. 2002;5(1A):135-140 1991: Al-Lawati JA, Jousilahti PJ. Prevalence and 10year secular trend of obesity in Oman. Saudi Med J 2004;25:346-351 1997: Sibai AM, Hwalla N, Adra N, Rahal B. Prevalence and Covariates of Obesity in Lebanon: Findings from the First Epidemiolgical Study. Obesity Research 203;11:1353-1361

> 2000: Personal Communication from Morocco Minister of Health. National Survey carried out in 2000. Details in press for Journal of Hypertension (Arpil 03)

> > 2002: WHO Infobase, Macro international data

2007: Department of Statistics [Jordan] and Macro International. 2008. Jordan Population and Family Health Survey 2007: Key Findings. Calverton, Maryland, USA: Department of Statistics and Macro International.

2008: Rhazi K El, Nejjari C, Zidouh A et al. Prevalence of obesity and associated sociodemographic and lifestyle factors in

Morocco. Public Health Nutrition 2010:14(1)160-167

2009: WHO STEPS Report 2009 Lebanon

2011: WHO EMRO Egypt STEPS Survey 2011-12

2012: Department of Statistics/Jordan and ICF International. 2013. Jordan Population and Family Health Survey 2012. Calverton, Maryland, USA: Department of Statistics/Jordan and ICF International.

2015: Ministry of Health and Population/Egypt, El-Zanaty and Associates/Egypt, and ICF International. 2015. Egypt Health Issues Survey 2015. Cairo, Egypt: Ministry of Health and Population/Egypt and ICF International. Available at http://dhsprogram.com/publications/publication-FR313-DHS-Final-Reports.cfm#sthash.StgV9s6X.dpuf

2016: WHO STEPWISE APPROACH FOR NON-COMMUNICABLE DISEASESRISK FACTOR SURVEILLANCE, Lebanon, 2016-

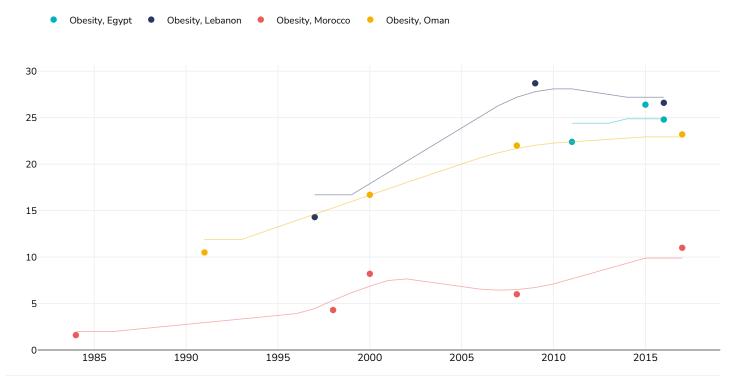
2017 https://www.who.int/ncds/surveillance/steps/Lebanon_STEPS_report_2016-2017.pdf?ua=1 (last accessed 16.10.19)

2017: Executive Summary. Oman National Non-Communicable Disease & their Risk Factors Survey 2017

https://mohcsr.gov.om/wp-content/uploads/2019/01/Executive-Summary_NCDsurvey2017_En.pdf (last accessed 17.10.19)



Men



References: 1984, 1998: Benjelloun S. Nutrition transition in Morocco. Public Health Nutrition. 2002;5(1A):135-140 1991: Al-Lawati JA, Jousilahti PJ. Prevalence and 10year secular trend of obesity in Oman. Saudi Med J 2004;25:346-351 1997: Sibai AM, Hwalla N, Adra N, Rahal B. Prevalence and Covariates of Obesity in Lebanon: Findings from the First Epidemiolgical Study. Obesity Research 203;11:1353-1361

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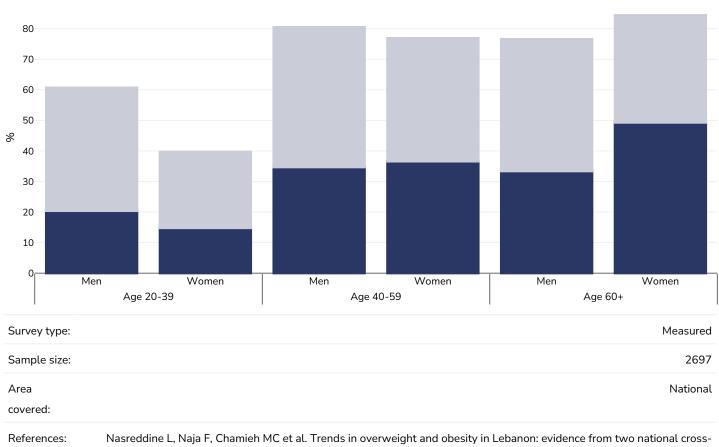
https://mohcsr.gov.om/wp-content/uploads/2019/01/Executive-Summary_NCDsurvey2017_En.pdf (last accessed 17.10.19)



Overweight/obesity by age

Adults, 2009

Obesity Overweight



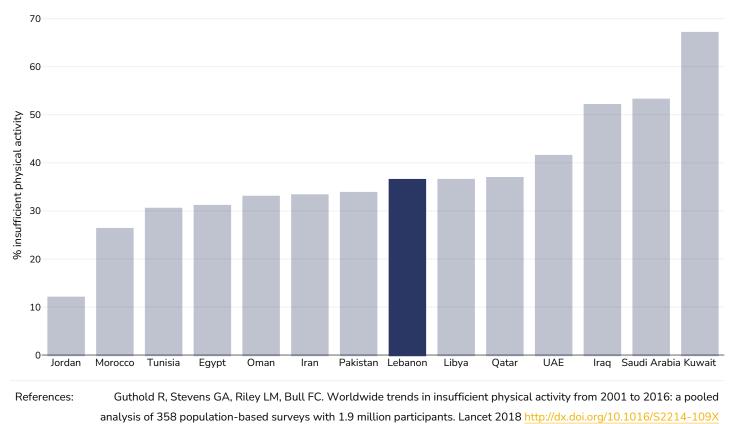
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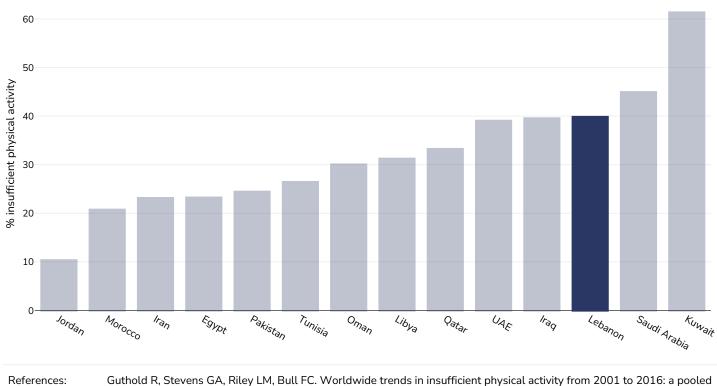
Insufficient physical activity

Adults, 2016



(18)30357-7

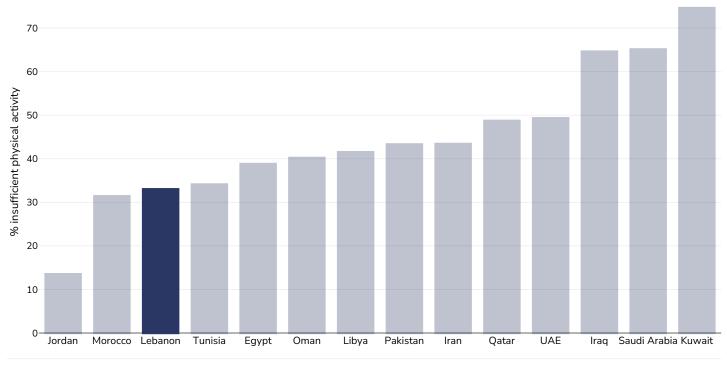
Men, 2016



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 <u>http://dx.doi.org/10.1016/S2214-109X</u> (18)30357-7



Women, 2016



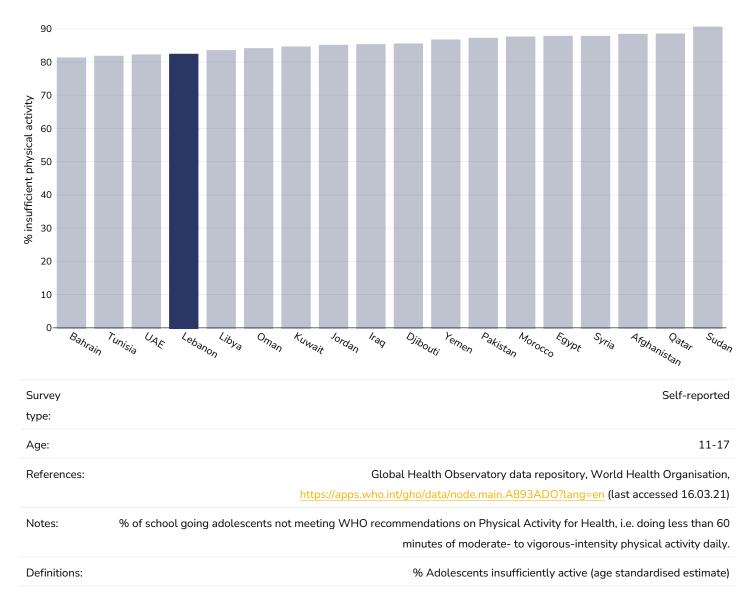
 References:
 Guthold R, Stevens GA, Riley LM, Bull FC. Worldwide trends in insufficient physical activity from 2001 to 2016: a pooled

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 (18)30357-7

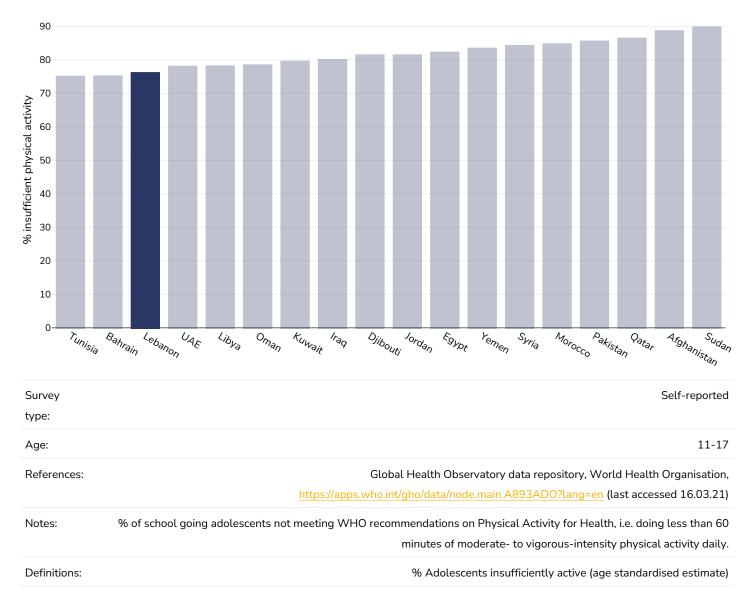


Children, 2016



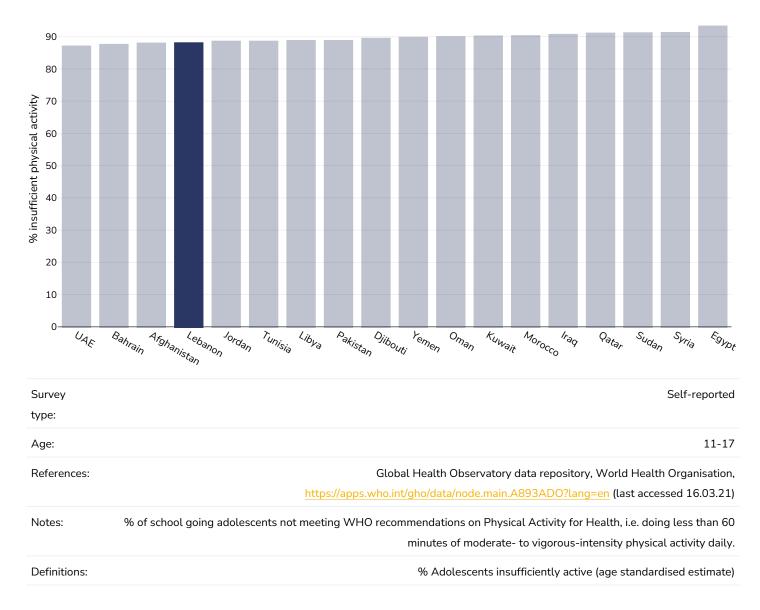


Boys, 2016





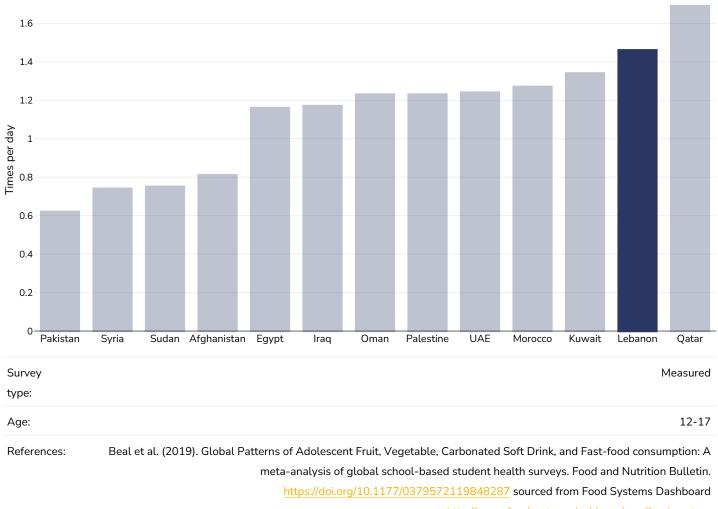
Girls, 2016





Average daily frequency of carbonated soft drink consumption

Children, 2009-2015

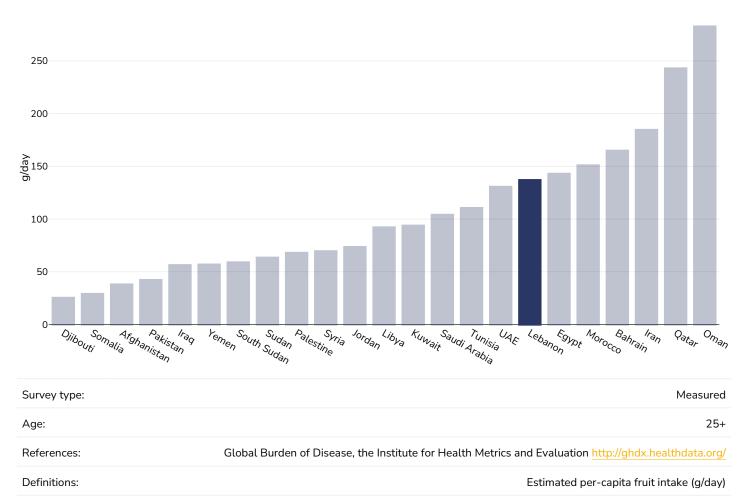


http://www.foodsystemsdashboard.org/food-system



Estimated per capita fruit intake

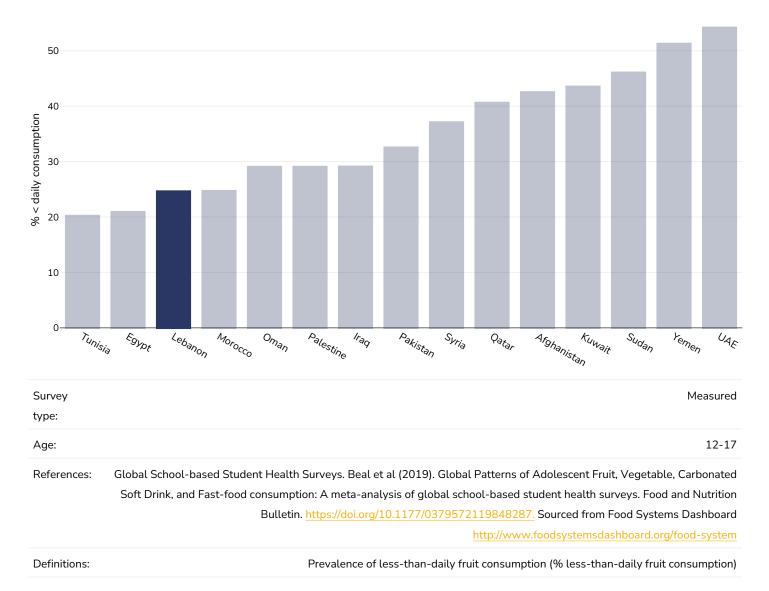






Prevalence of less than daily fruit consumption

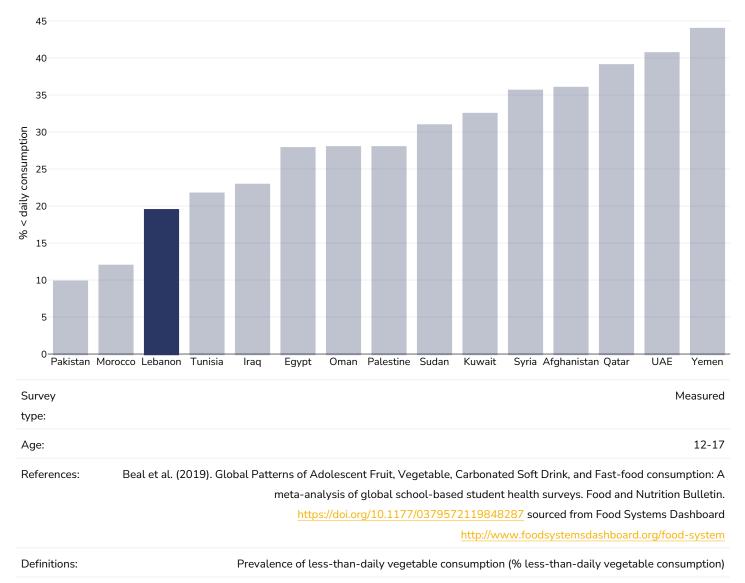
Children, 2008-2015





Prevalence of less than daily vegetable consumption

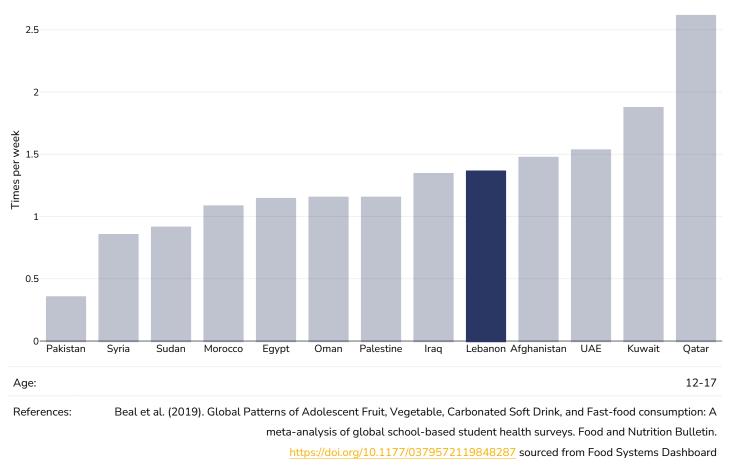
Children, 2008-2015





Average weekly frequency of fast food consumption

Children, 2009-2015



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



Estimated per-capita processed meat intake

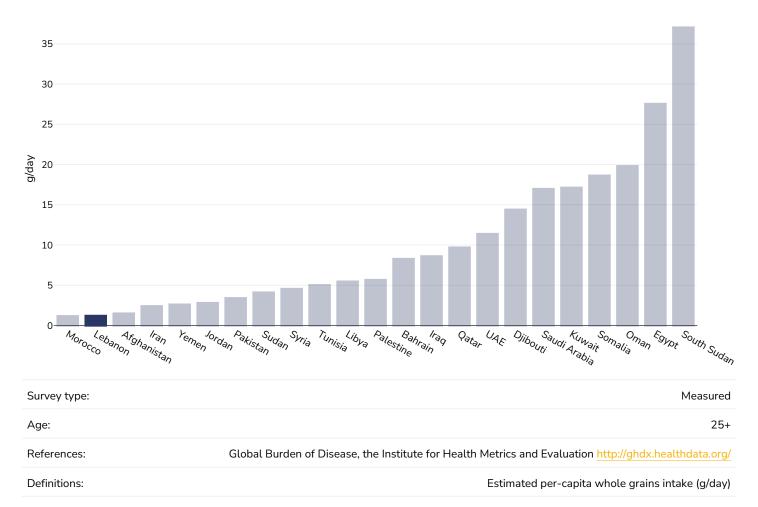
2.5 2 1.5 g/day 1 0.5 South Sudan 0 Morocco Lebanon Bahrain Arghanistan Somalia Palestine Tunisia Iraq Iran Yemen UAE Sudan Syria Jordan Libya Saudi Arabia Sudan rabia Pakistan Oman Kuwait Qatar Measured Survey type: Age: 25+ Global Burden of Disease, the Institute for Health Metrics and Evaluation http://ghdx.healthdata.org/ **References:** Definitions: Estimated per-capita processed meat intake (g per day)

Adults, 2017



Estimated per capita whole grains intake

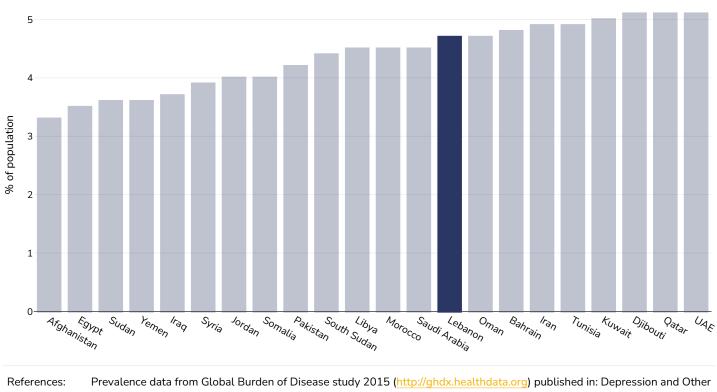
Adults, 2017





Mental health - depression disorders

Adults, 2015



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

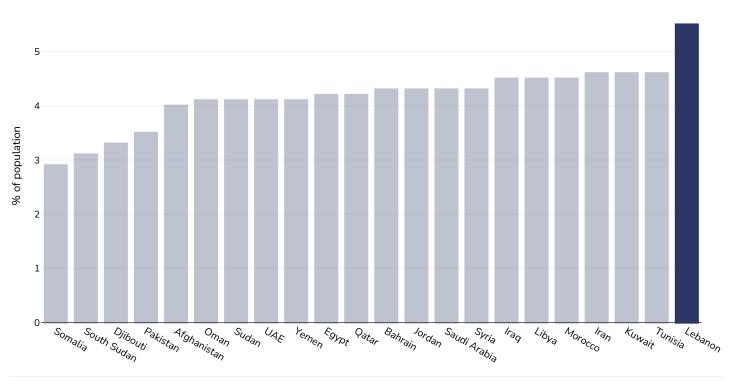
Definitions:

% of population with depression disorders



Mental health - anxiety disorders





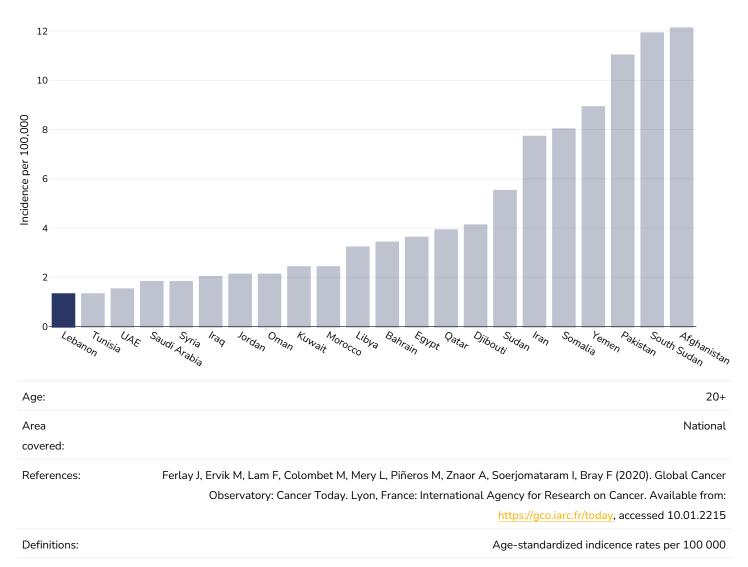
References: Prevalence data from Global Burden of Disease study 2015 (<u>http://ghdx.healthdata.org</u>) published in: Depression and Other Common Mental Disorders: Global Health Estimates. Geneva:World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO.

Definitions:

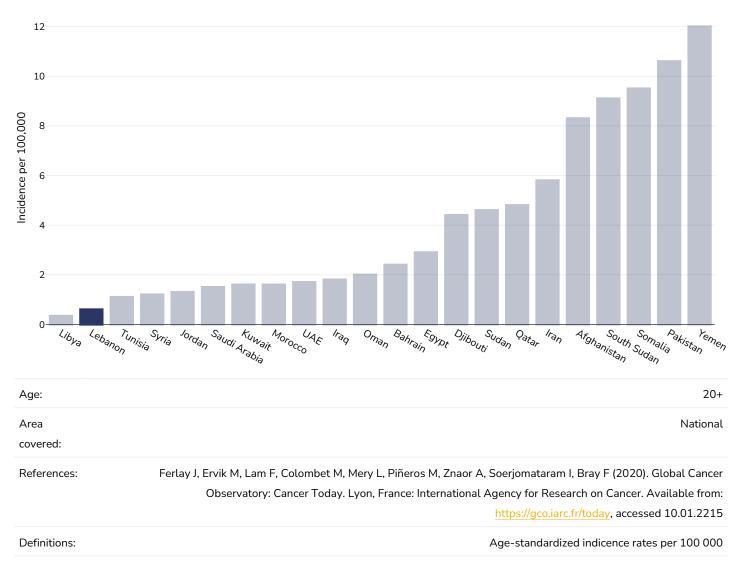
% of population with anxiety disorders



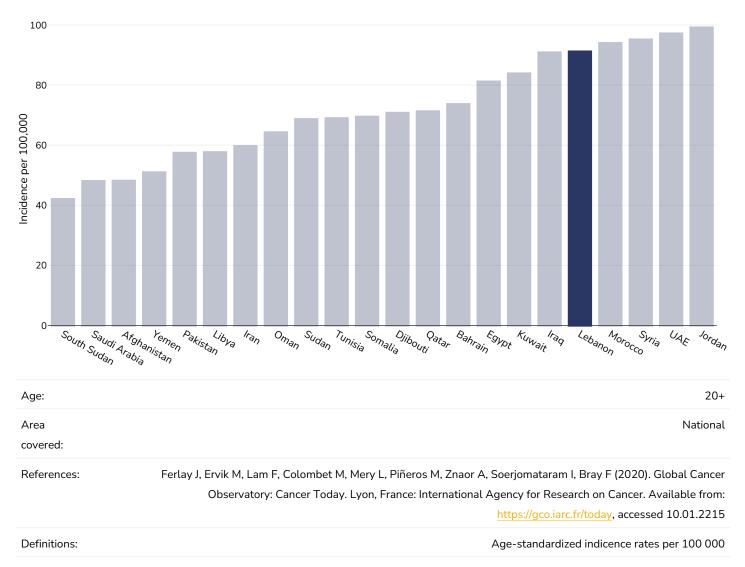
Oesophageal cancer



WORLD ØBESITY

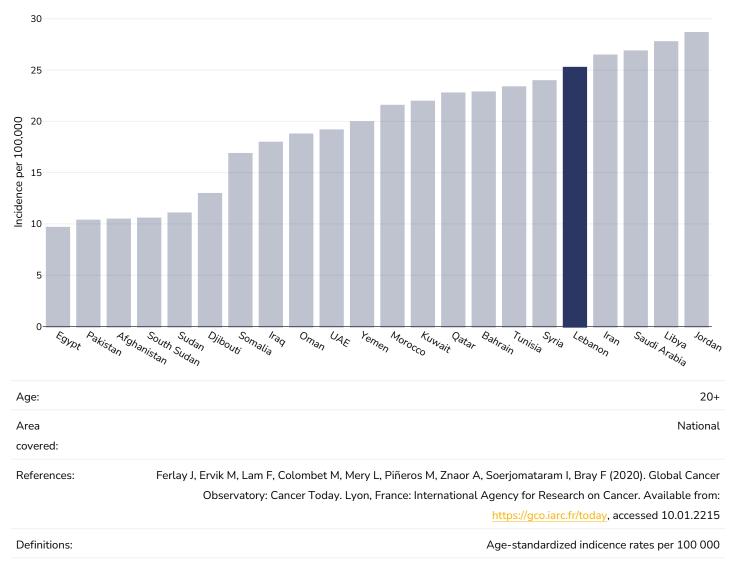


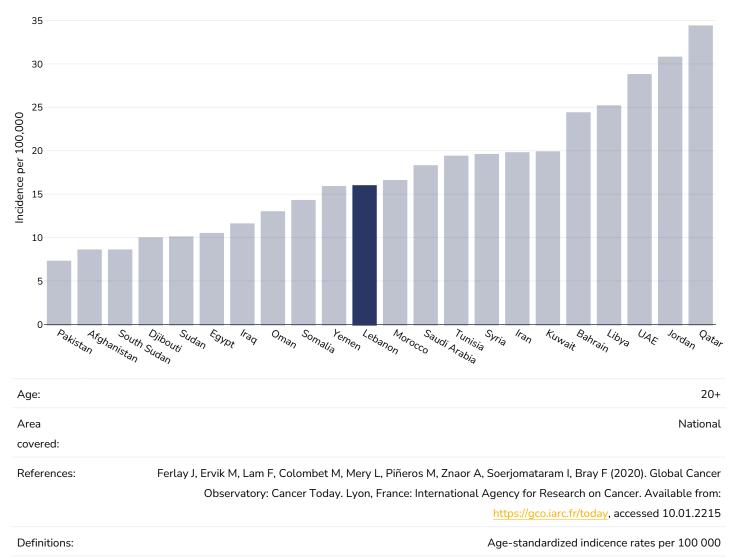
Breast cancer





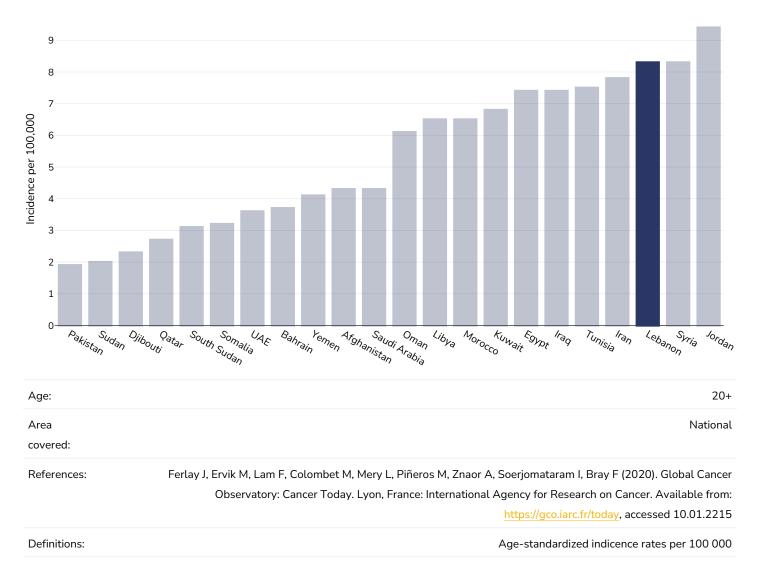
Colorectal cancer



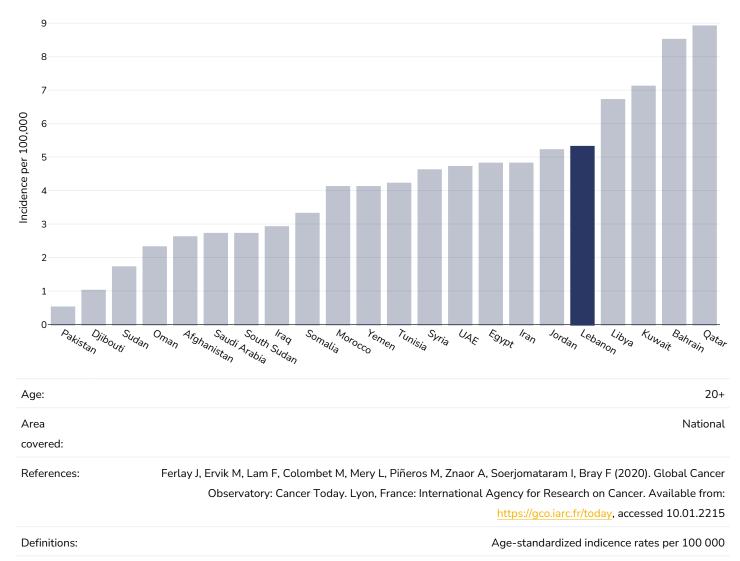




Pancreatic cancer

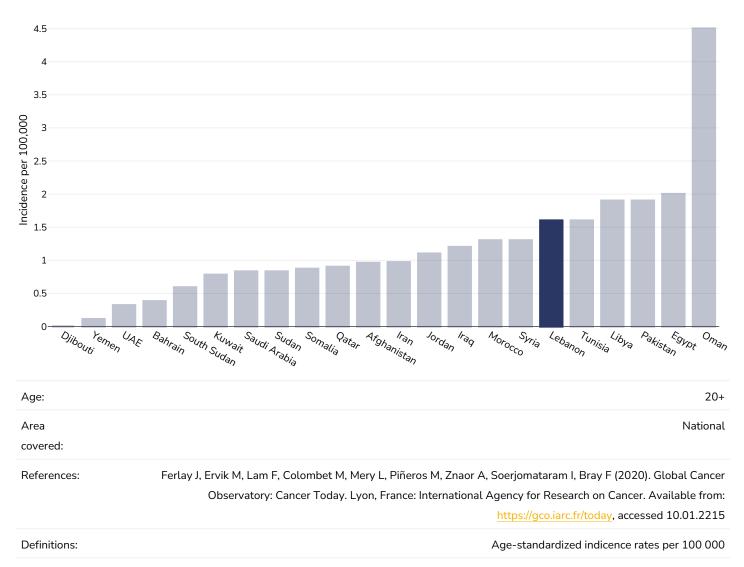


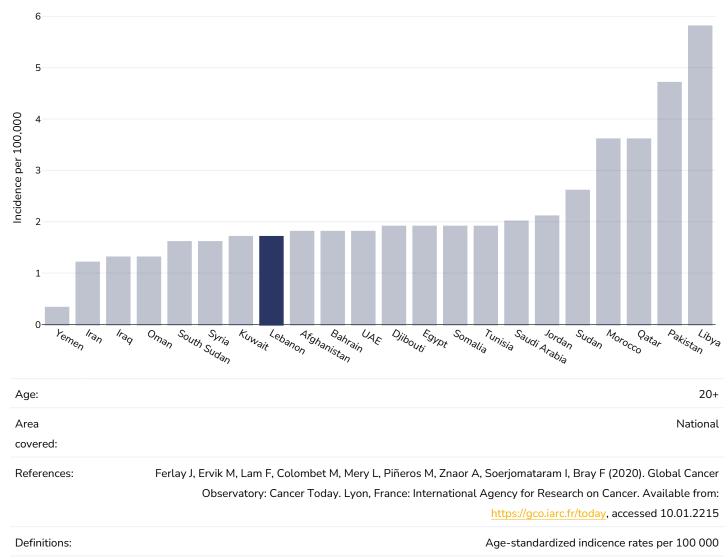
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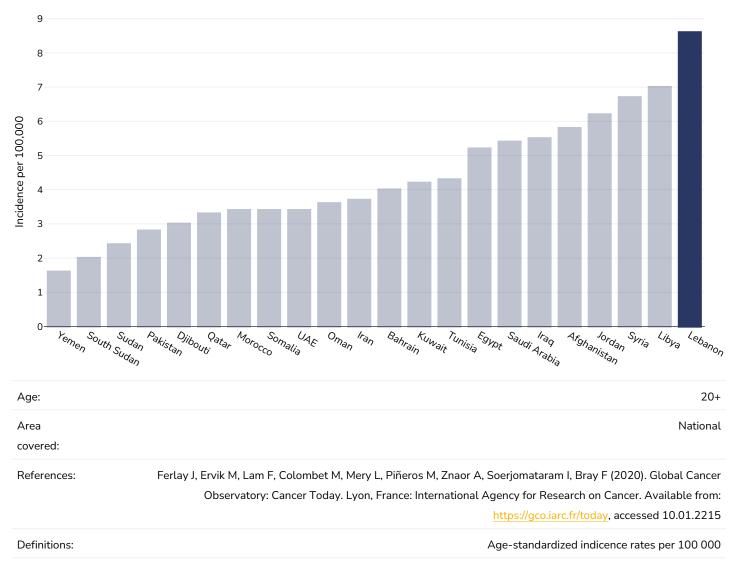


Gallbladder cancer

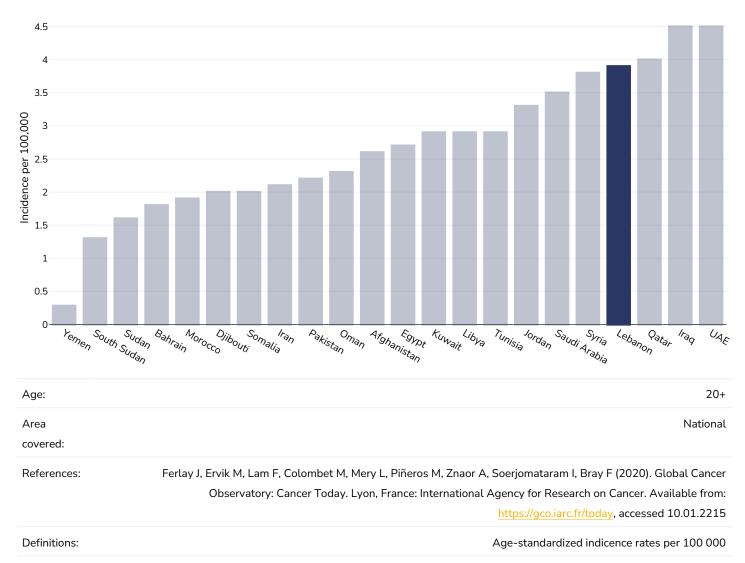




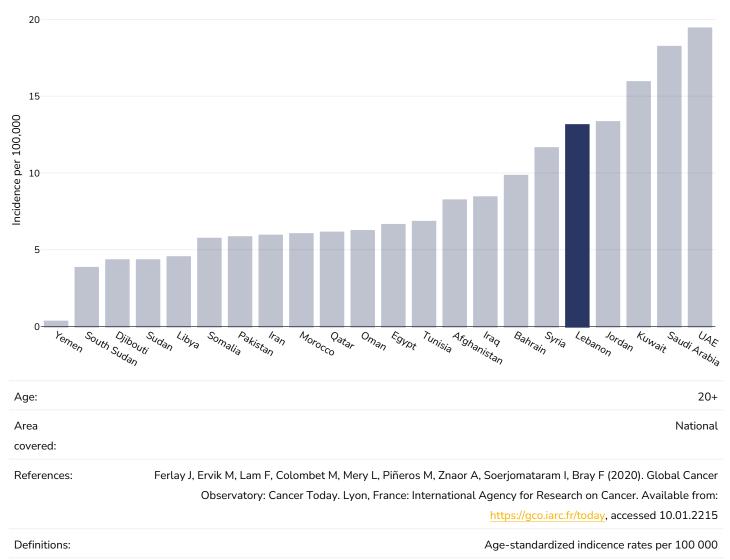
Kidney cancer



WORLD ØBESITY



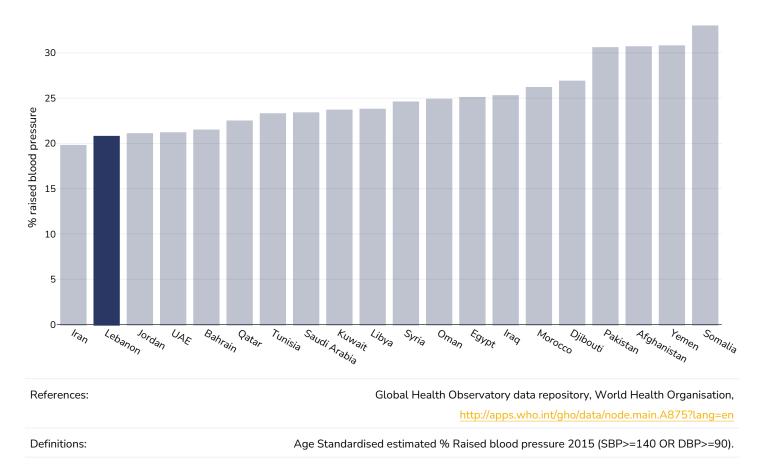
Cancer of the uterus

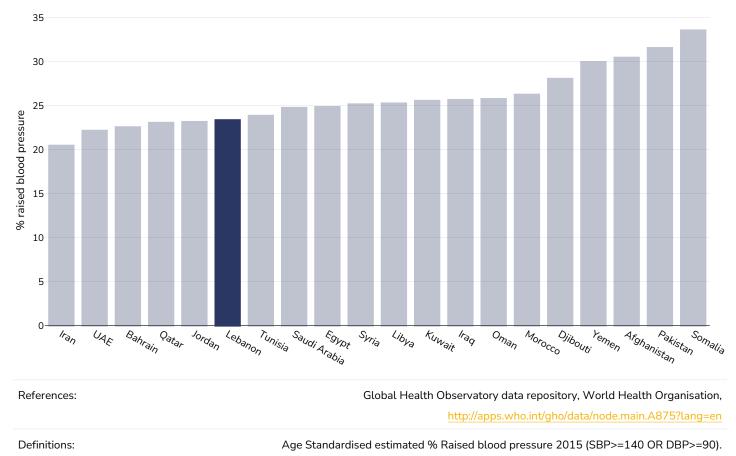




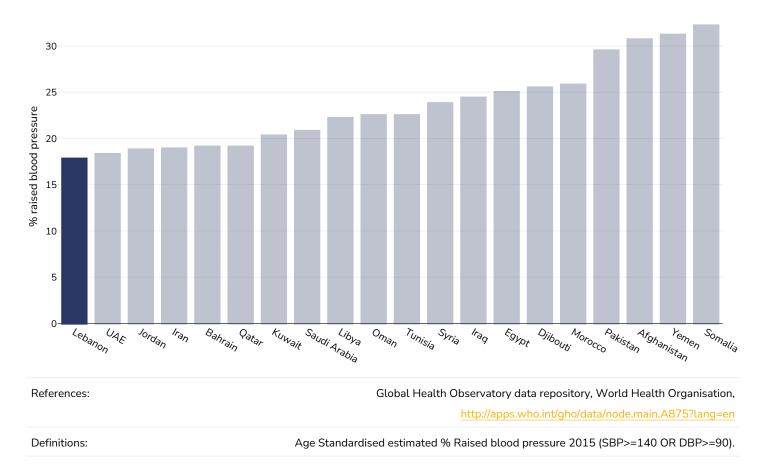
Raised blood pressure

Adults, 2015





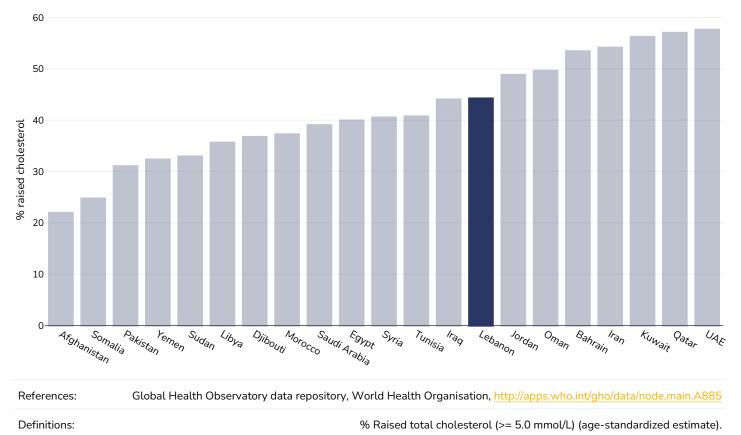




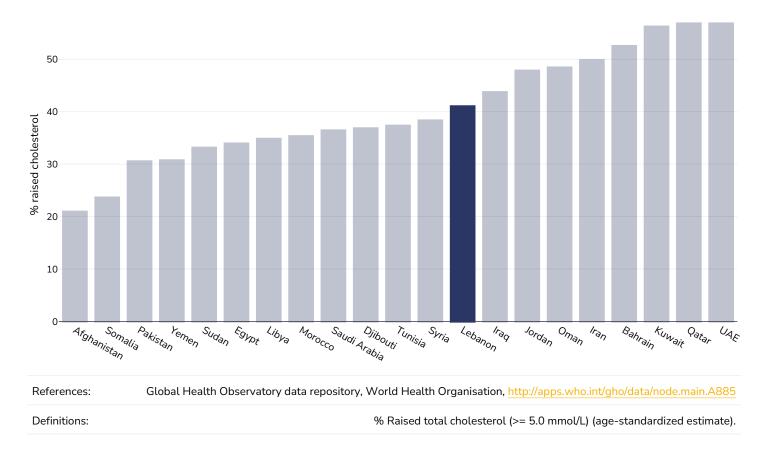


Raised cholesterol

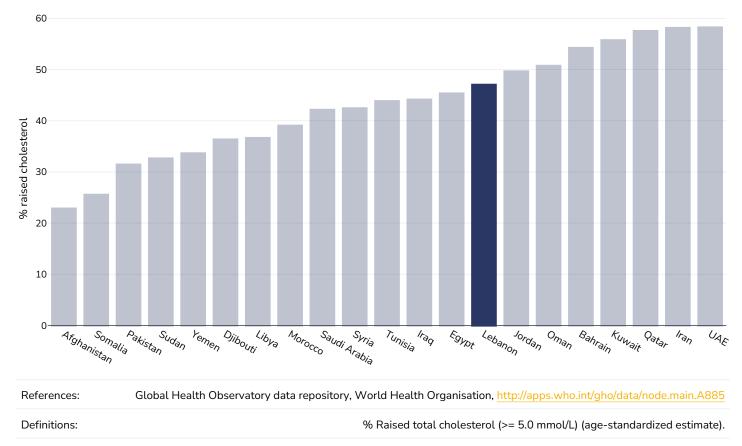
Adults, 2008







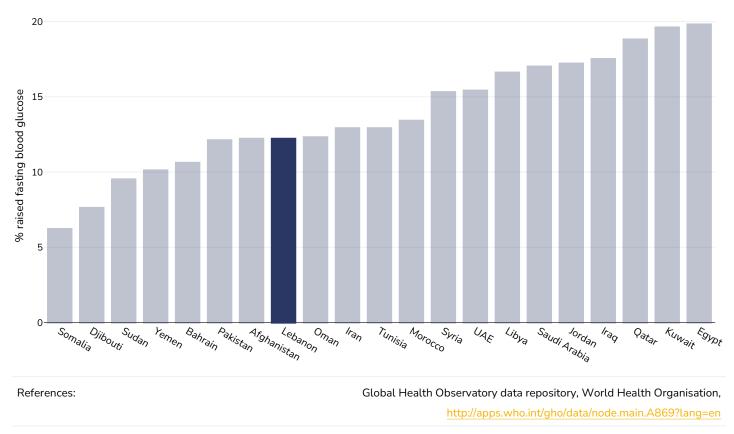






Raised fasting blood glucose

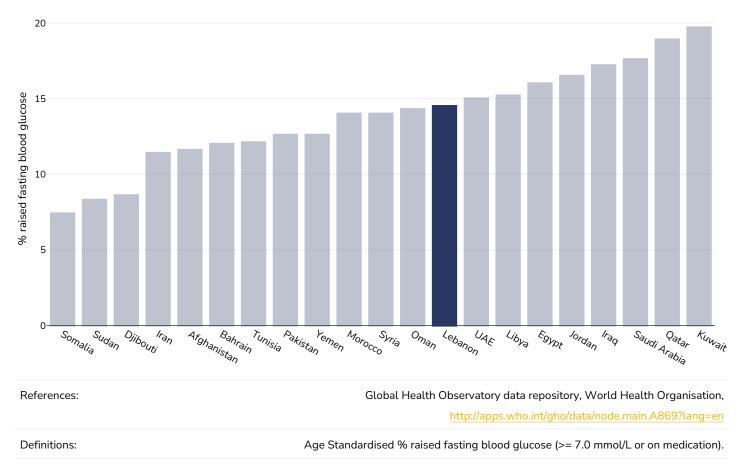




Definitions:

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

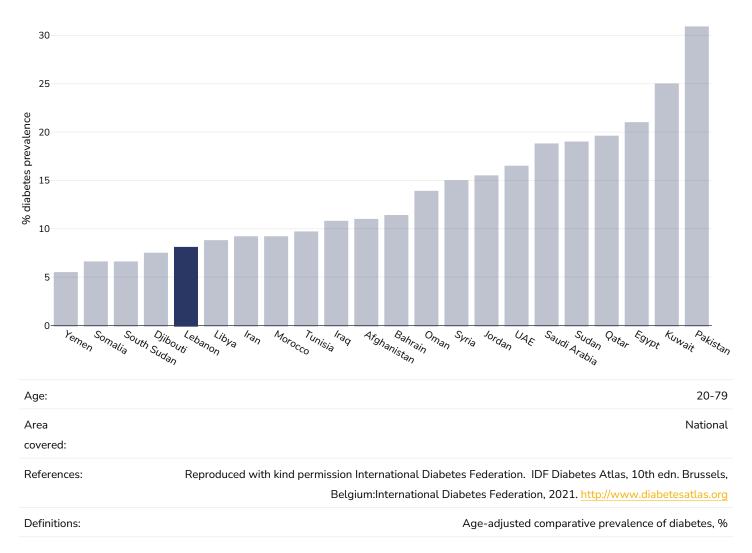






Diabetes prevalence

Adults, 2021





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.

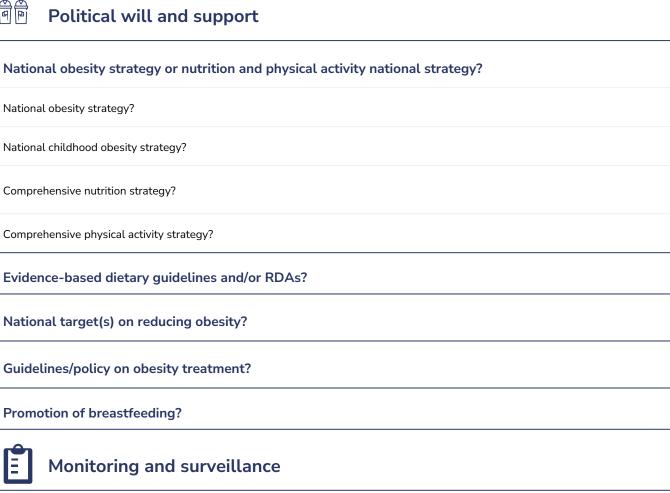


Labelling

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?	X
Tax on unhealthy foods?	X
Tax on unhealthy drinks?	X
Are there fiscal policies on healthy products?	X
Subsidy on fruits?	×
Subsidy on vegetables?	X
Subsidy on other healthy products?	×
Mandatory limit or ban of trans fat (all settings)?	X
Mandatory limit of trans fats in place (all settings)?	×
Ban on trans-fats or phos in place (all settings)?	×
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?	×
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?	X
Nutrition standards for public sector procurement?	×





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



? × × × × ×