

Report card Kazakhstan



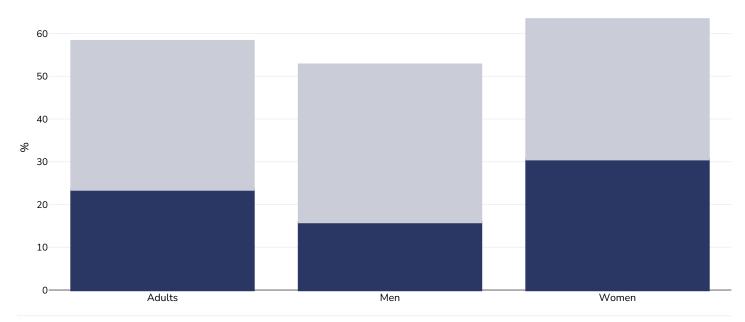
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Obesity prevalence

Adults, 2012





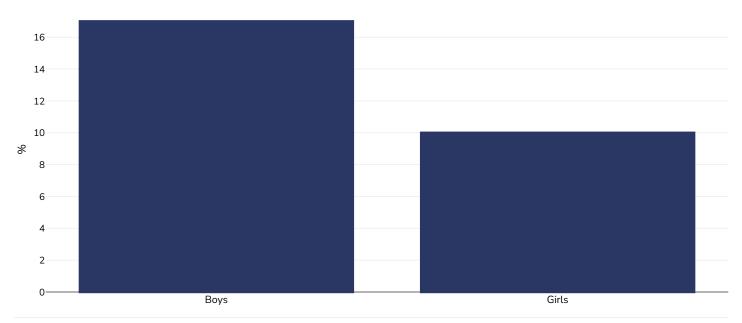
Survey type:	Measured
Age:	15+
Sample size:	3736
Area covered:	National
References:	Kazakh Academy of Nutrition, data from Kazakhstan Health Household Survey 2012

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



Children, 2021-2022

Overweight or obesity



Survey	Self-reported
type:	
Age:	13

References: Rakic JG, Hamrik Z, Dzielska A, Felder-Puig R, Oja L, Bakalár P et al. A focus on adolescent physical activity, eating behaviours, weight status and body image in Europe, central Asia and Canada. Health Behaviour in School-aged Children (HBSC) international report from the 2021/2022 survey. Volume 4. Copenhagen: WHO Regional Office for Europe; 2024. 'Any translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition'

Notes: HBSC aims to survey approximately 1500 pupils per age group in each country or region (totaling around 4500)

Cutoffs: +2SD



Girls, 2015





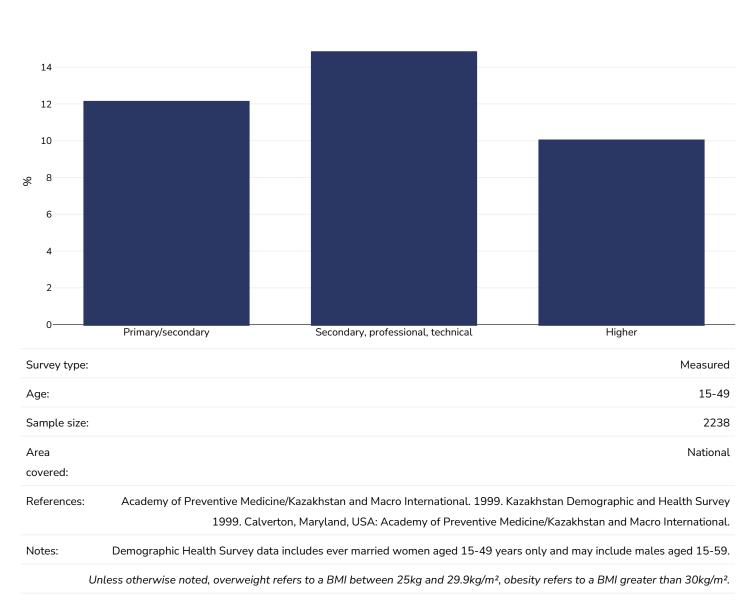
Definitions: =>+2SD



Overweight/obesity by education

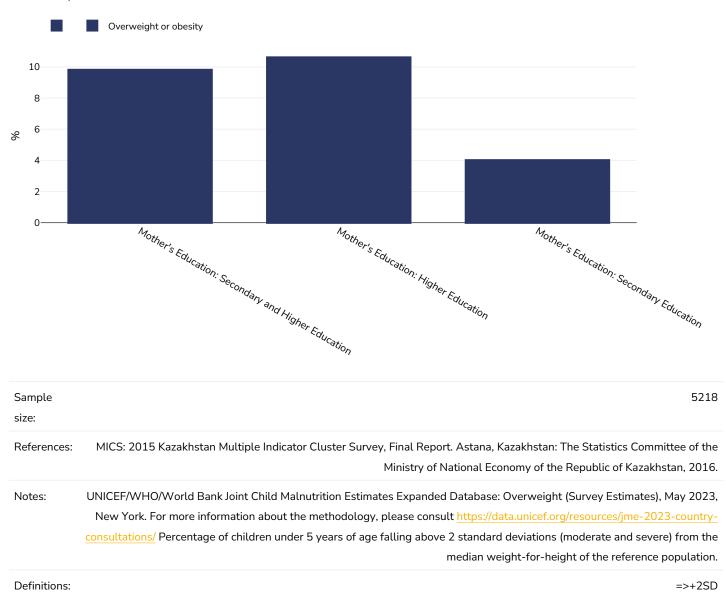
Women, 1999







Infants, 2015

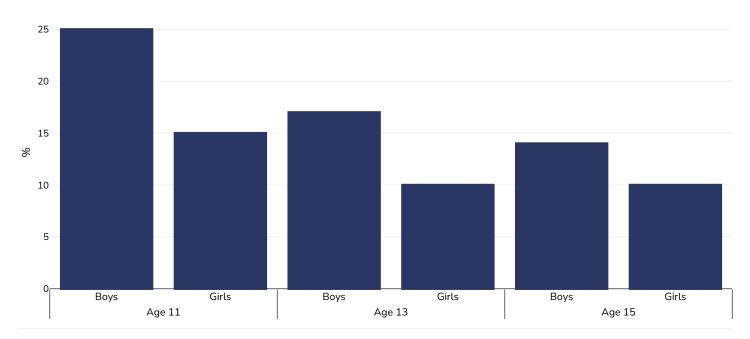




Overweight/obesity by age

Children, 2021-2022





Survey
type:

Area

Self-reported
See Report

covered:
References:

RakiÃ?â?¡ JG, Hamrik Z, Dzielska A, Felder-Puig R, Oja L, Bakalár P et al. A focus on adolescent physical activity, eating behaviours, weight status and body image in Europe, central Asia and Canada. Health Behaviour in School-aged Children (HBSC) international report from the 2021/2022 survey. Volume 4. Copenhagen: WHO Regional Office for Europe; 2024. 'Any translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition'

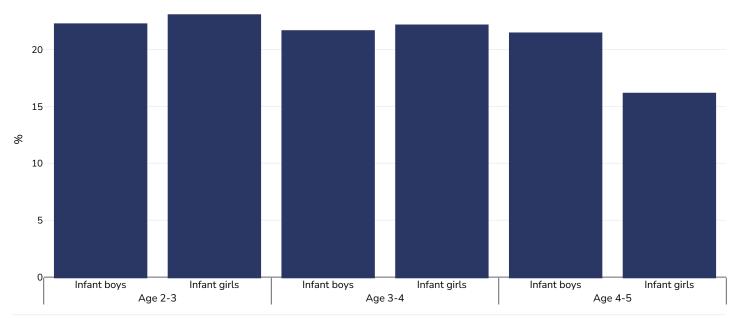
Notes: HBSC aims to survey approximately 1500 pupils per age group in each country or region (totaling around 4500)

Cutoffs: +2SD



Infants, 2010-2011

Overweight or obesity



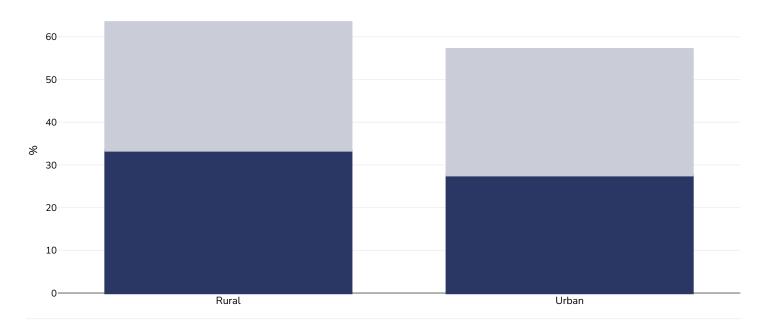
Survey type:	Measured
Sample size:	2939
Area covered:	National
References:	Kazakhstan MICS 2010-11 Survey - data analysed by R Jackson Leach, F Montague. World Obesity Federation
Notes:	IOTF International Monthly Cut Off's applied Age range 2-4.9yrs
Cutoffs:	IOTF



Overweight/obesity by region

Adults, 2021-2022





Survey type:	Measured
Age:	18-69
Sample size:	6720
Area covered:	National

References:

Nursultanova L, Kabulbayev K, Ospanova D, Tazhiyeva A, Datkhayev U, Saliev T, Tanabayeva S, Fakhradiyev I. Prevalence of chronic kidney disease in Kazakhstan: evidence from a national cross-sectional study. Sci Rep. 2023 Sep 7;13(1):14710. doi: 10.1038/s41598-023-42031-2. PMID: 37679536; PMCID: PMC10485008.

Notes:

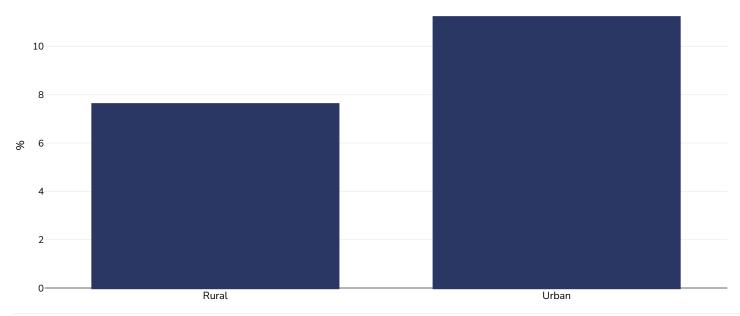
The STEPs questionnaire was used.

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



Infants, 2015

Overweight or obesity



Survey type:	Measure
Sample size:	52:
Area covered:	Nation

References:

The Statistics Committee of the Ministry of National Economy of the Republic of Kazakhstan (Statistics Committee of the MNE RK), to United Nations Children's Fund (UNICEF), the United Nations Population Fund (UNFPA). 2015 Kazakhstan Multiple Indicator Clust Survey, Final Report. Astana, Kazakhstan: The Statistics Committee of the MNE RK, UNICEF and UNFPA, 2016. <a href="https://mics-survey.com/https://mics-surv

(last accessed 11.05.2

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Notes:

Definitions:

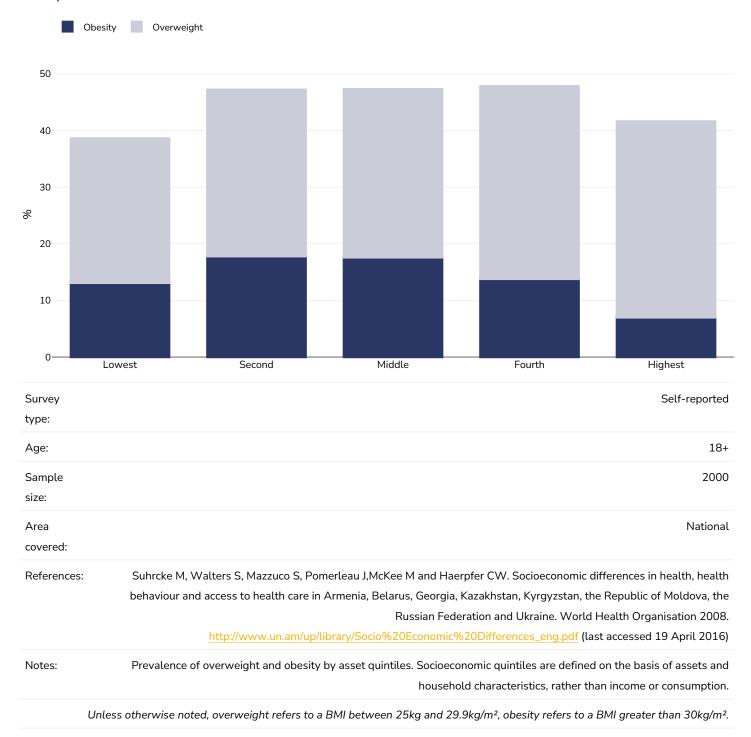
Weight for Height +25

Cutoffs: Oth



Overweight/obesity by socio-economic group

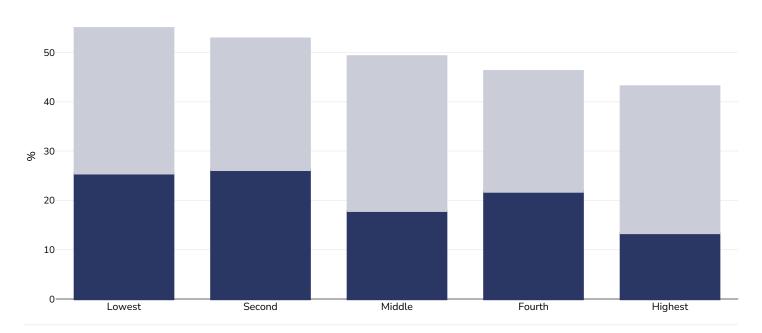
Men, 2001





Women, 2001





Survey	Self-reported
type:	
Age:	18+
Sample size:	2000
Area covered:	National

References:

Suhrcke M, Walters S, Mazzuco S, Pomerleau J,McKee M and Haerpfer CW. Socioeconomic differences in health, health behaviour and access to health care in Armenia, Belarus, Georgia, Kazakhstan, Kyrgyzstan, the Republic of Moldova, the Russian Federation and Ukraine. World Health Organisation 2008.

http://www.un.am/up/library/Socio%20Economic%20Differences_eng.pdf (last accessed 19 April 2016)

Notes:

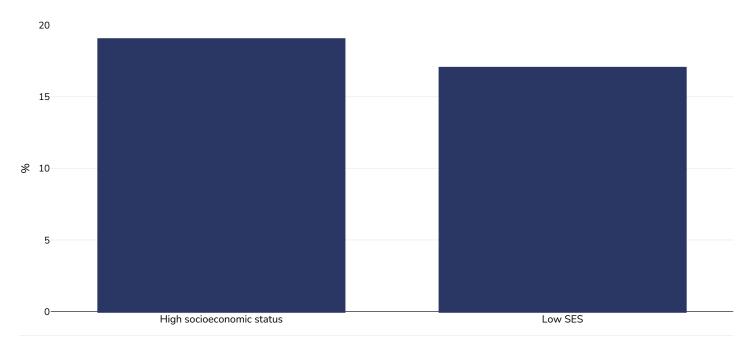
Prevalence of overweight and obesity by asset quintiles. Socioeconomic quintiles are defined on the basis of assets and household characteristics, rather than income or consumption.

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



Boys, 2021-2022





Survey	Self-reported
type:	
Age:	11-15

References: Raki? JG, Hamrik Z, Dzielska A, Felder-Puig R, Oja L, Bakalár P et al. A focus on adolescent physical activity, eating behaviours, weight status and body image in Europe, central Asia and Canada. Health Behaviour in School-aged Children (HBSC) international report from the 2021/2022 survey. Volume 4. Copenhagen: WHO Regional Office for Europe; 2024. 'Any translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition'

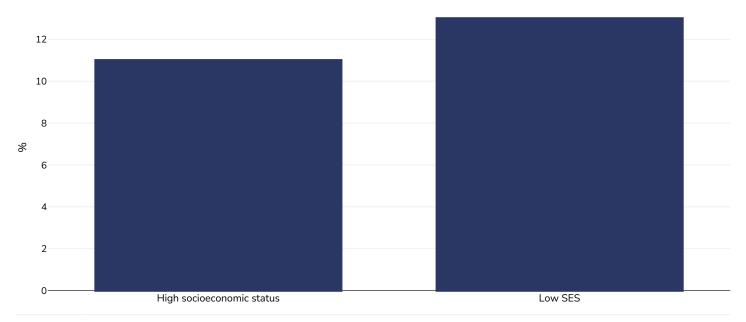
Notes: Family affluence scaleHBSC aims to survey approximately 1500 pupils per age group in each country or region (totaling around 4500)

Cutoffs: +2SD



Girls, 2021-2022

Overweight or obesity



Survey	Self-reported
type:	
Age:	11-15

References: Raki? JG, Hamrik Z, Dzielska A, Felder-Puig R, Oja L, Bakalár P et al. A focus on adolescent physical activity, eating behaviours, weight status and body image in Europe, central Asia and Canada. Health Behaviour in School-aged Children (HBSC) international report from the 2021/2022 survey. Volume 4. Copenhagen: WHO Regional Office for Europe; 2024. 'Any translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition'

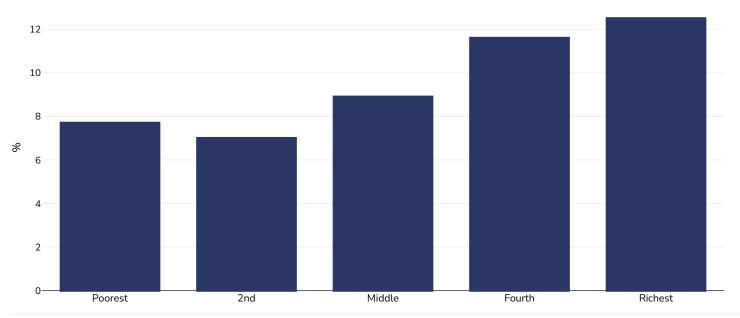
Notes: Family affluence scaleHBSC aims to survey approximately 1500 pupils per age group in each country or region (totaling around 4500)

Cutoffs: +2SD



Infants, 2015

Overweight or obesity



Survey	Meas
type:	
Sample size:	
size:	
Area	Nat
covered:	

References:

Notes:

The Statistics Committee of the Ministry of National Economy of the Republic of Kazakhstan (Statistics Committee of the MNE RK), to United Nations Children's Fund (UNICEF), the United Nations Population Fund (UNFPA). 2015 Kazakhstan Multiple Indicator Clust Survey, Final Report. Astana, Kazakhstan: The Statistics Committee of the MNE RK, UNICEF and UNFPA, 2016. https://mics-survey.

 $prod.s3. a mazonaws. com/MICS5/Europe \% 20 and \% 20 Central \% 20 Asia/Kazakhstan/2015/Final/Kazakhstan \% 20 20 15 \% 20 MICS_English. prod.s3. a mazonaws. com/MICS5/Europe \% 20 and \% 20 Central \% 20 Asia/Kazakhstan/2015/Final/Kazakhstan \% 20 20 15 \% 20 MICS_English. prod.s3. a mazonaws. com/MICS5/Europe \% 20 and \% 20 Central \% 20 Asia/Kazakhstan/2015/Final/Kazakhstan \% 20 20 15 \% 20 MICS_English. prod.s3. a mazonaws. com/MICS5/Europe \% 20 and \% 20 Central \% 20 Asia/Kazakhstan/2015/Final/Kazakhstan \% 20 20 15 \% 20 MICS_English. prod.s3. a mazonaws. com/MICS5/Europe \% 20 and \% 20 Central \% 20 Asia/Kazakhstan/2015/Final/Kazakhstan \% 20 Asia/Kazakhstan/2015/Final/Kazakhstan/20$

(last accessed 11.05.2

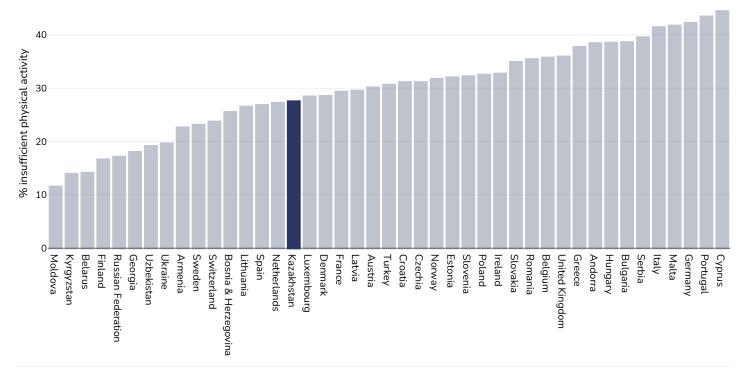
Infar

Definitions:	Weight for Height +29
Cutoffs:	Oth



Insufficient physical activity

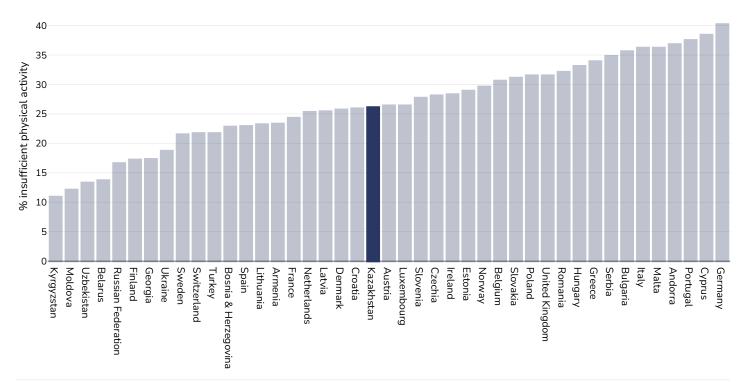
Adults, 2016



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



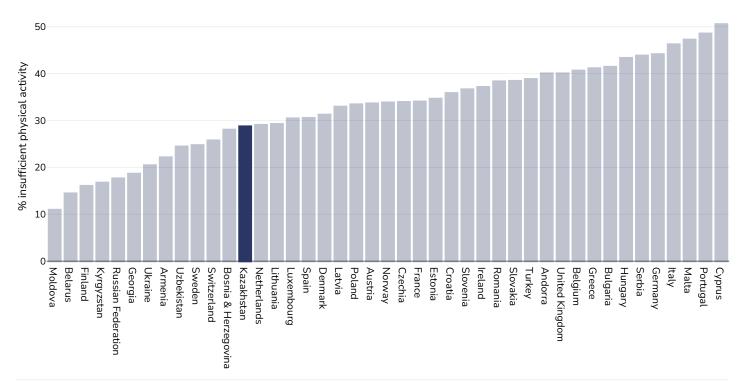
Men, 2016



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



Women, 2016

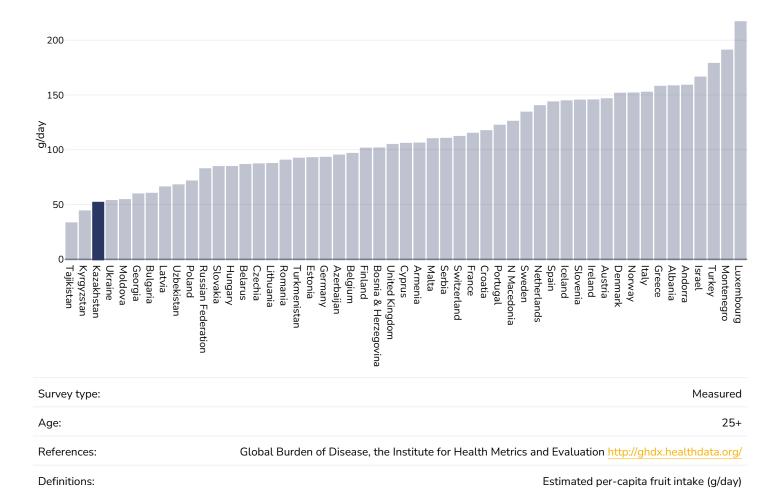


References: Guthold R, Stevens GA, Riley LM, Bull FC. Worldwide trends in insufficient physical activity from 2001 to 2016: a pooled analysis of 358 population-based surveys with 1.9 million participants. Lancet 2018 http://dx.doi.org/10.1016/S2214-109X
(18)30357-7



Estimated per capita fruit intake

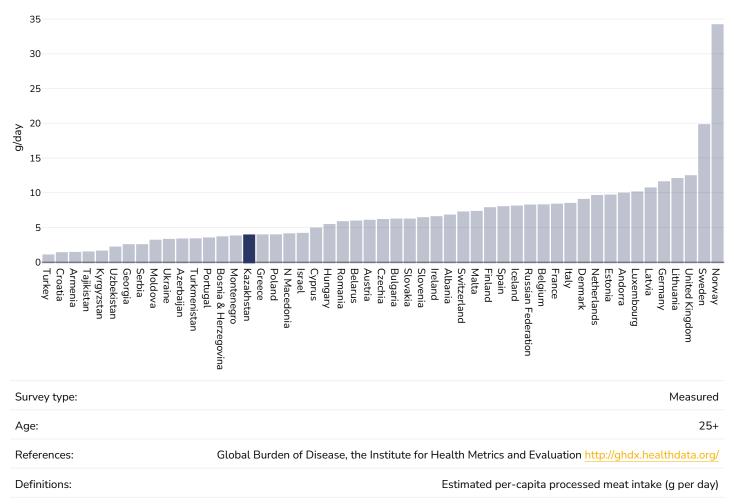
Adults, 2017





Estimated per-capita processed meat intake

Adults, 2017

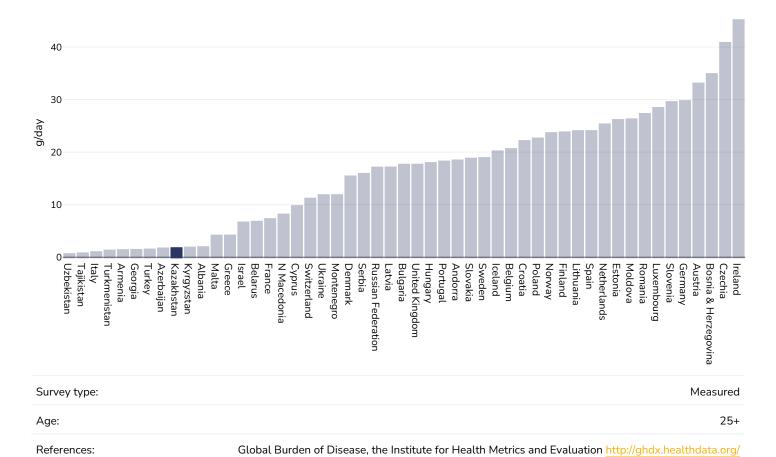




Estimated per capita whole grains intake

Adults, 2017

Definitions:

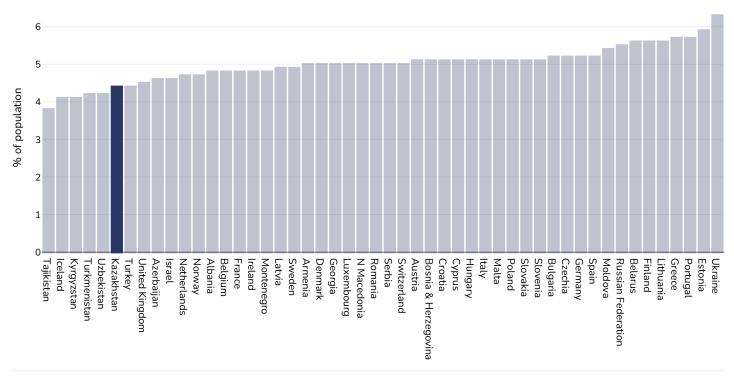


Estimated per-capita whole grains intake (g/day)



Mental health - depression disorders

Adults, 2015



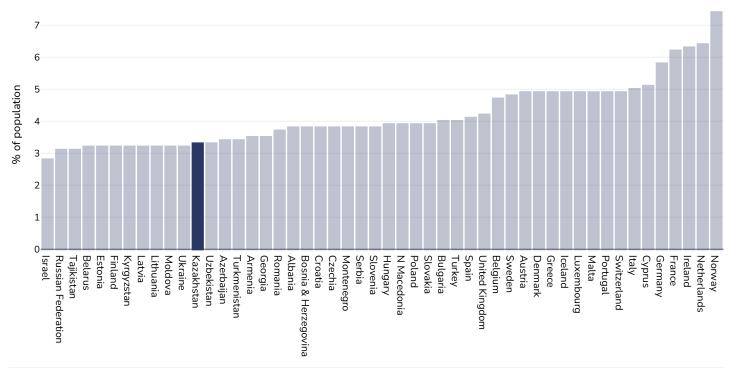
References: Prevalence data from Global Burden of Disease study 2015 (http://ghdx.healthdata.org) published in: Depression and Other Common Mental Disorders: Global Health Estimates. Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO.

Definitions: % of population with depression disorders



Mental health - anxiety disorders

Adults, 2015



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

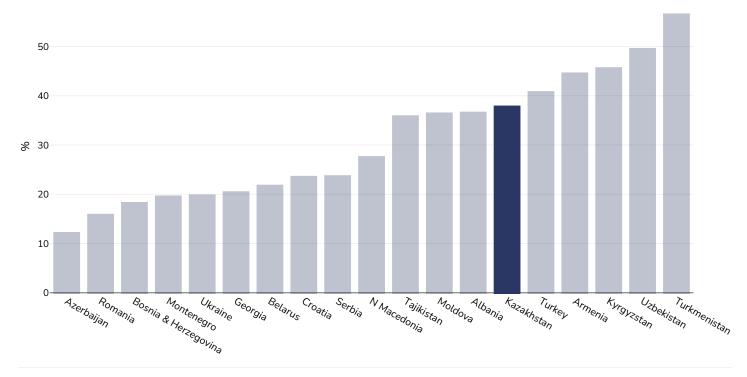
IGO.

Definitions: % of population with anxiety disorders



% Infants exclusively breastfed 0-5 months

Children, 1996-2019



Area National covered:

References: 2015 Kazakhstan Multiple Indicator Cluster Survey, Final Report. Astana, Kazakhstan: The Statistics Committee of the Ministry of National Economy of the Republic of Kazakhstan, 2016.

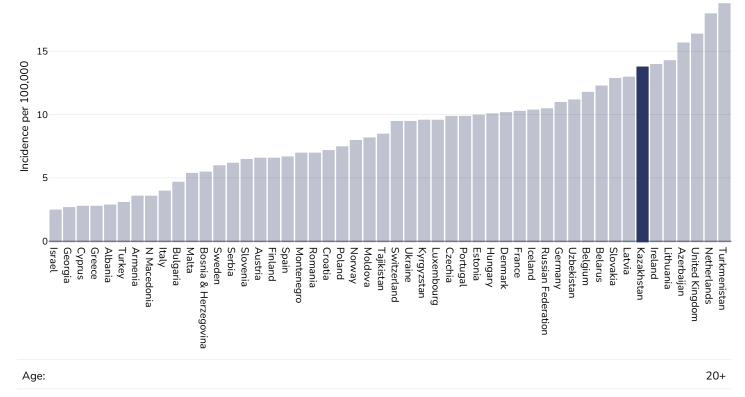
Notes: See UNICEF website for further survey information. Available at: https://data.unicef.org/resources/dataset/infant-young-child-feeding/ (last accessed 28.9.21) Citation: United Nations Children's Fund, Division of Data, Analysis, Planning and Monitoring (2021). Global UNICEF Global Databases: Infant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

Definitions: % exclusively breastfed 0-5 months



Oesophageal cancer

Men, 2020



Area National

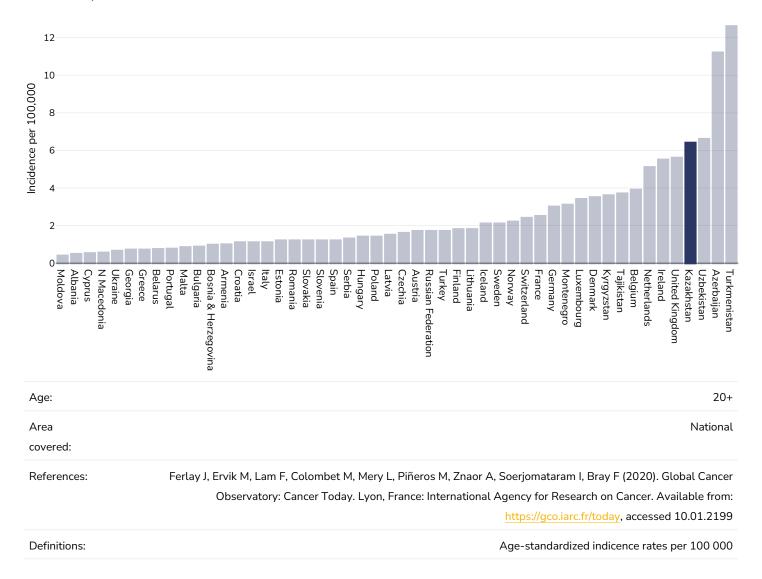
covered:
References:

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 10.01.2199



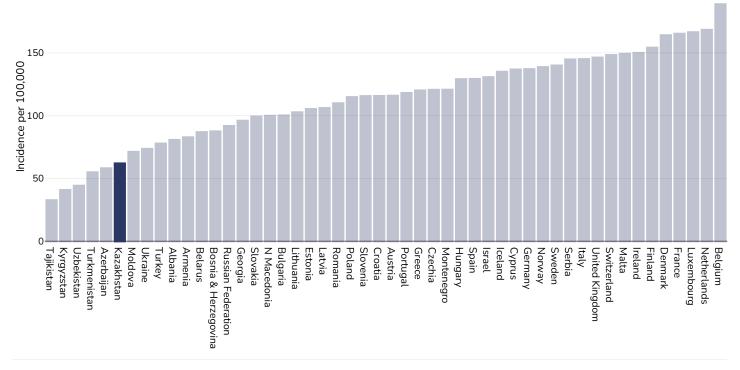
Women, 2020





Breast cancer

Women, 2020



Age: 20+

Area National covered:

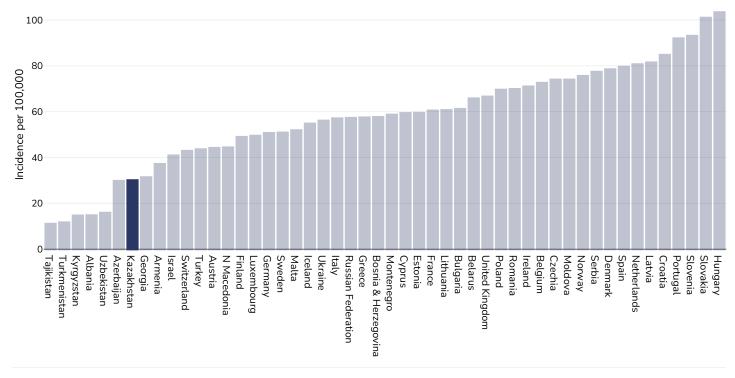
References:

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 10.01.2199



Colorectal cancer

Men, 2020



Age: 20+

Area National

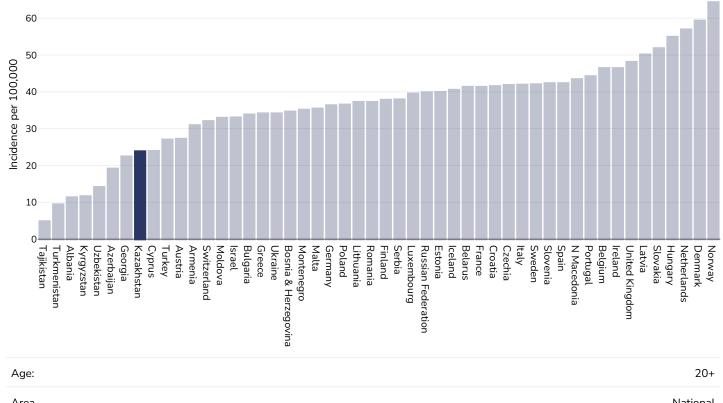
covered:
References:

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 10.01.2199



Women, 2020



Area National

covered:

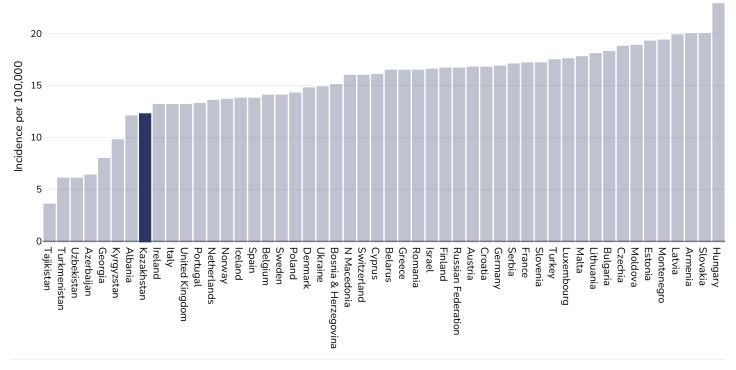
References: Ferlay J, Ervik M, Lam F, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2020). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

https://gco.iarc.fr/today, accessed 10.01.2199



Pancreatic cancer

Men, 2020



Age: 20+

Area National covered:

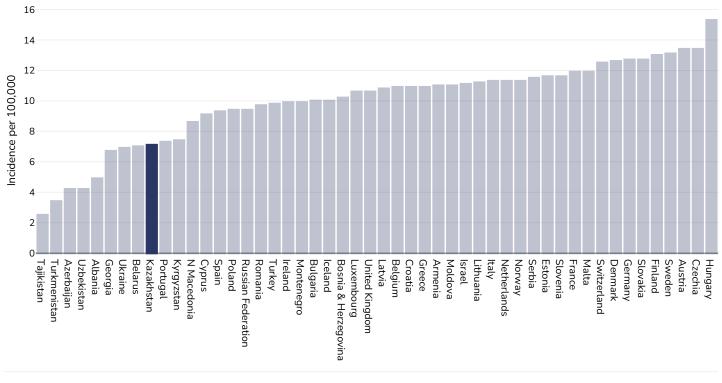
References:

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 10.01.2199



Women, 2020



Age: 20+

Area National

covered:

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:

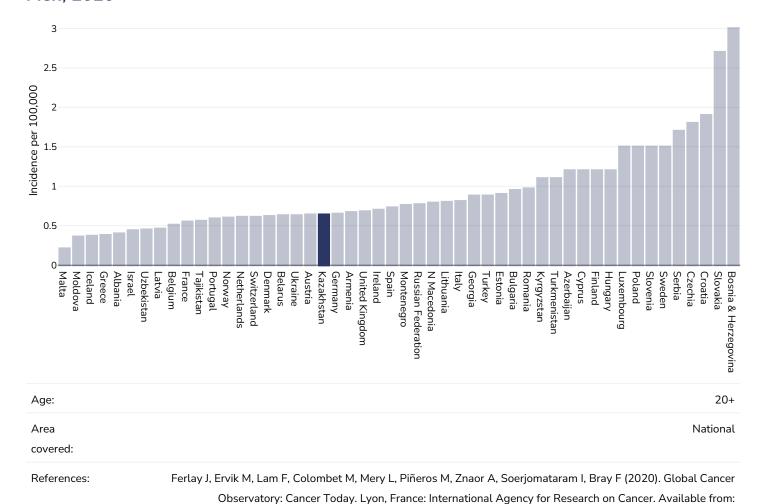
https://gco.iarc.fr/today, accessed 10.01.2199



Gallbladder cancer

Men, 2020

Definitions:



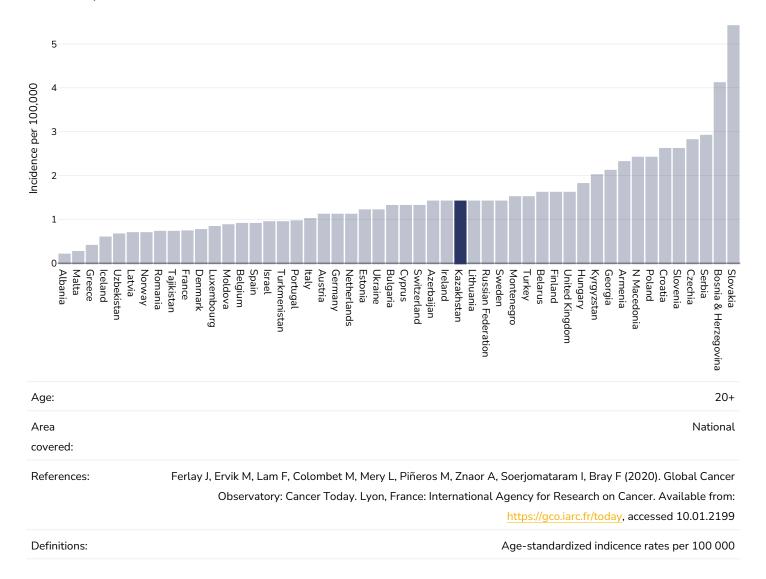
https://gco.iarc.fr/today, accessed 10.01.2199

Age-standardized indicence rates per 100 000

32



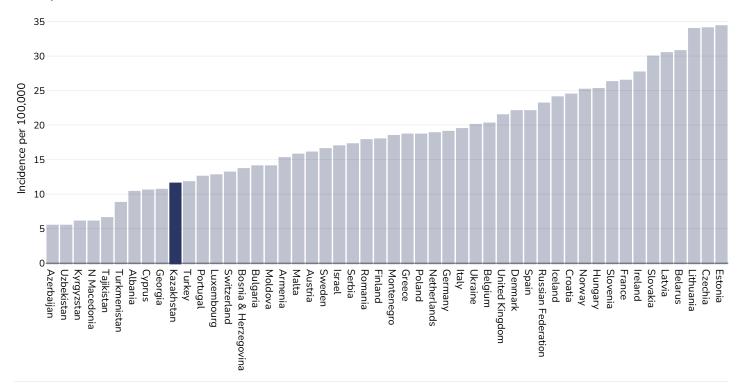
Women, 2020





Kidney cancer

Men, 2020



Age: 20+

Area National covered:

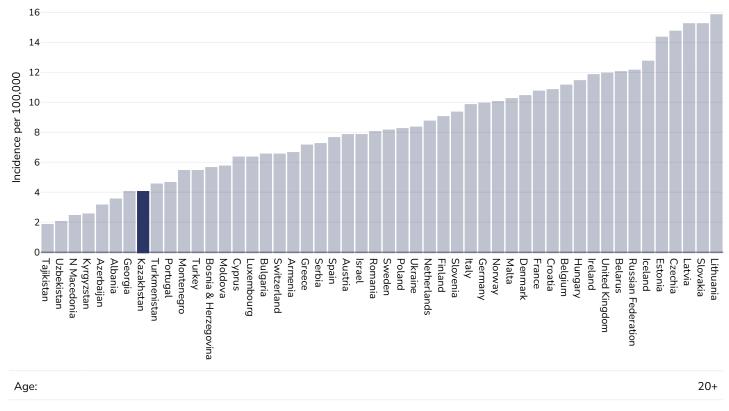
References:

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 10.01.2199



Women, 2020



Area National covered:

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 10.01.2199

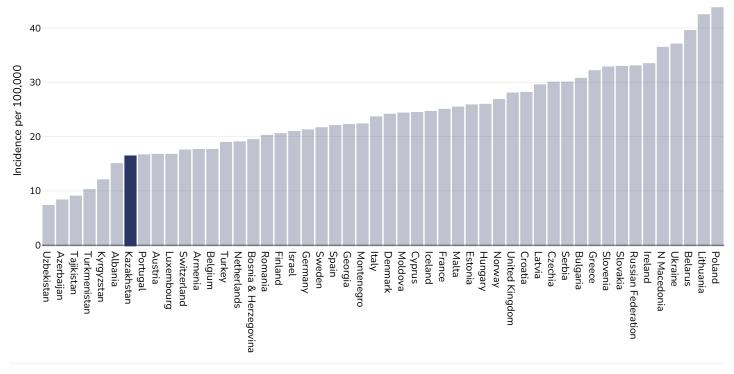
Definitions:

Age-standardized indicence rates per 100 000



Cancer of the uterus

Women, 2020



Age: 20+

Area National

covered:

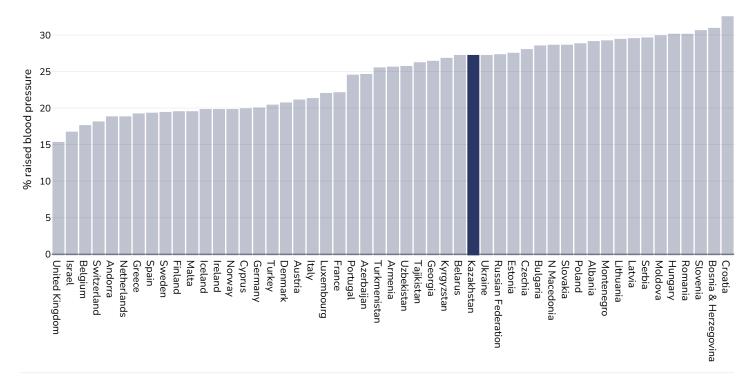
Ferlay J, Ervik M, Lam F, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2020). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

https://gco.iarc.fr/today, accessed 10.01.2199



Raised blood pressure

Adults, 2015



References:

Global Health Observatory data repository, World Health Organisation,

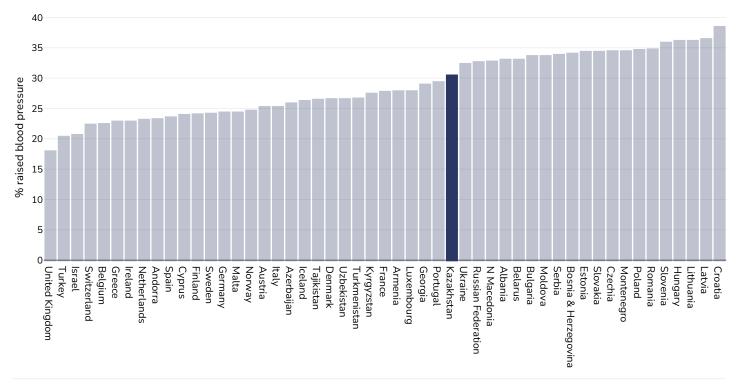
http://apps.who.int/gho/data/node.main.A875?lang=en

Definitions:

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



Men, 2015



References:

Global Health Observatory data repository, World Health Organisation,

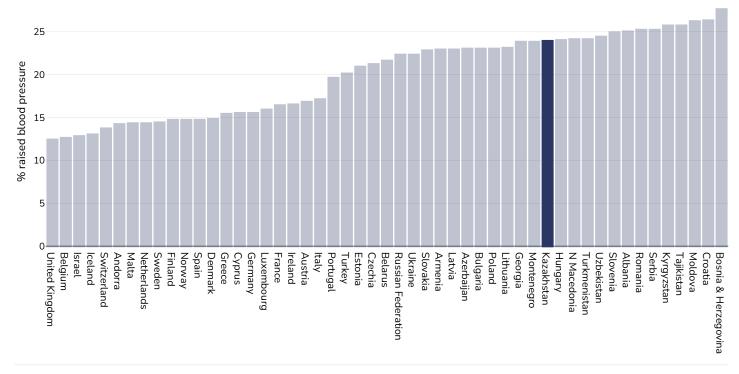
http://apps.who.int/gho/data/node.main.A875?lang=en

Definitions:

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



Women, 2015



References:

Global Health Observatory data repository, World Health Organisation,

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

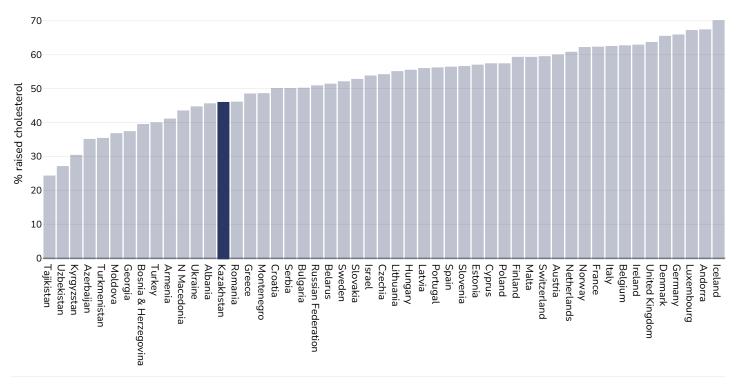
Definitions:

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



Raised cholesterol

Adults, 2008



References:

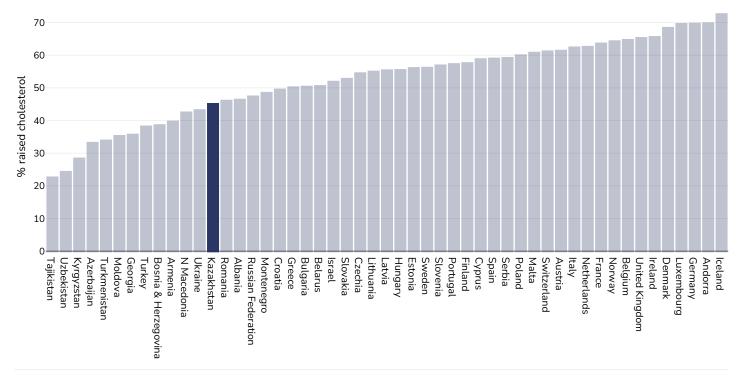
Global Health Observatory data repository, World Health Organisation, http://apps.who.int/gho/data/node.main.A885

Definitions:

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



Men, 2008



References:

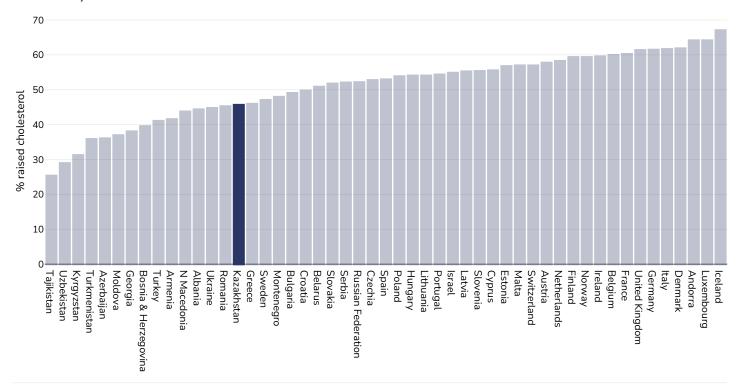
Global Health Observatory data repository, World Health Organisation, http://apps.who.int/gho/data/node.main.A885

Definitions:

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



Women, 2008



References:

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

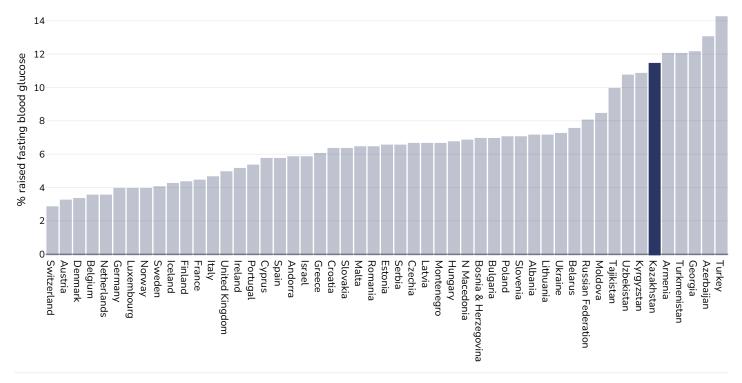
Definitions:

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



Raised fasting blood glucose

Men, 2014



References:

Global Health Observatory data repository, World Health Organisation,

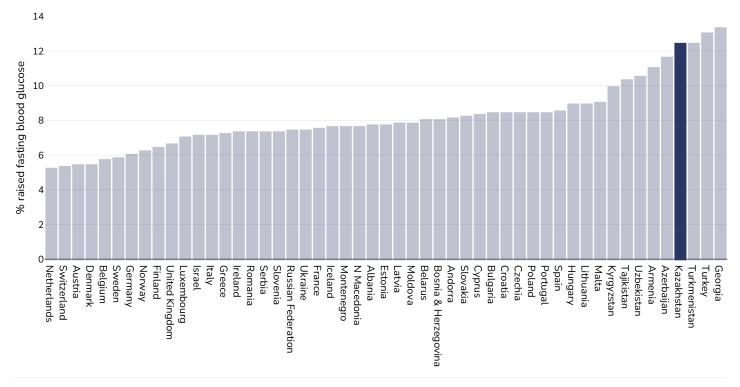
http://apps.who.int/gho/data/node.main.A869?lang=en

Definitions:

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



Women, 2014



References:

Global Health Observatory data repository, World Health Organisation,

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

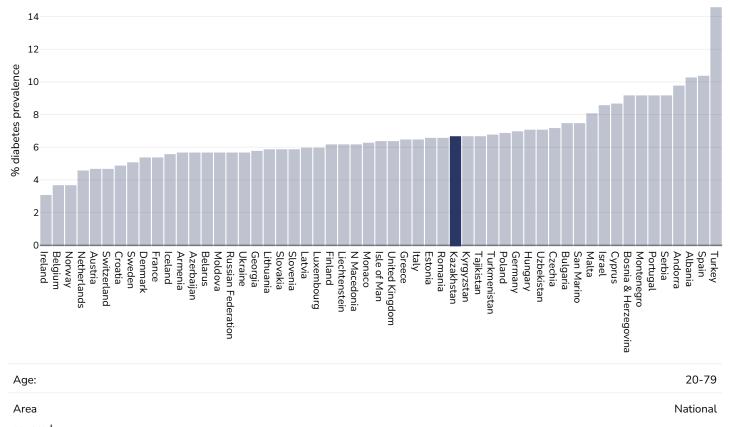
Definitions:

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



Diabetes prevalence

Adults, 2021



covered:

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?	✓
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?	X
Subsidy on vegetables?	X
Subsidy on other healthy products?	X
Mandatory limit or ban of trans fat (all settings)?	~
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?	X
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?	~
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?	X
National obesity strategy?	X
National childhood obesity strategy?	X
Comprehensive nutrition strategy?	X
Comprehensive physical activity strategy?	X
Evidence-based dietary guidelines and/or RDAs?	×
National target(s) on reducing obesity?	~
Guidelines/policy on obesity treatment?	V
Promotion of breastfeeding?	×
Monitoring and surveillance	
Monitoring of the prevalence and incidence for the main obesity-related NCDs and risk factors?	~
Within 5 years?	X
Governance and resource	
Multi-sectoral national co-ordination mechanism for obesity or nutrition (including obesity)?	~
Key	
Present Present Incoming Absent Unknown	
(voluntary)	

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