

# Report card Bulgaria

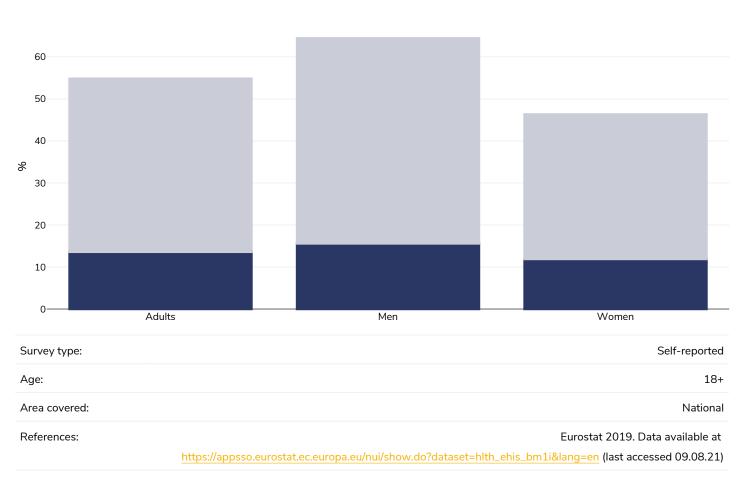
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# **Obesity prevalence**

#### Adults, 2019

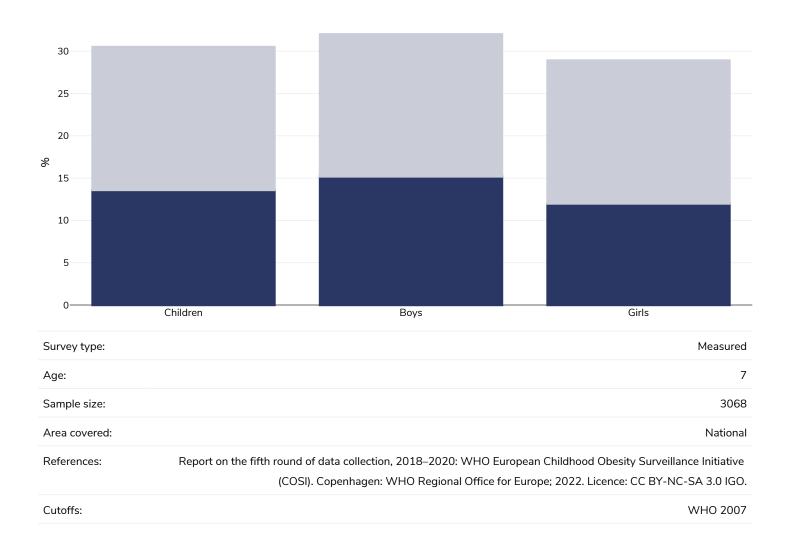
Obesity Overweight





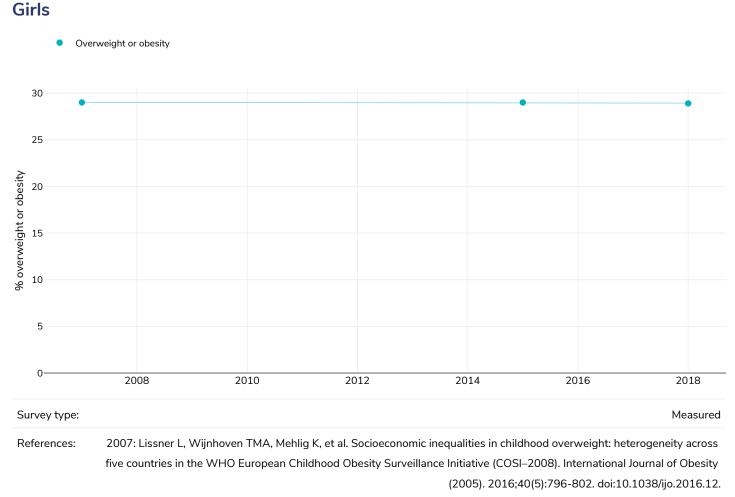
### Children, 2018-2020

Obesity Overweight





# % Children living with overweight or obesity, 2007-2020



2015: WHO European Childhood Obesity Surveillance Initiative (COSI) Report on the fourth round of data collection, 2015–2017 (2021). Available at: <u>https://www.euro.who.int/en/health-topics/disease-prevention/nutrition/activities/who-european-childhood-obesity-surveillance-initiative-cosi/cosi-publications/who-european-childhood-obesity-surveillanceinitiative-cosi-report-on-the-fourth-round-of-data-collection,-20152017-2021. Accessed 19.05.21.</u>

2018: Report on the fifth round of data collection, 2018–2020: WHO European Childhood Obesity Surveillance Initiative

(COSI). Copenhagen: WHO Regional Office for Europe; 2022. Licence: CC BY-NC-SA 3.0 IGO.

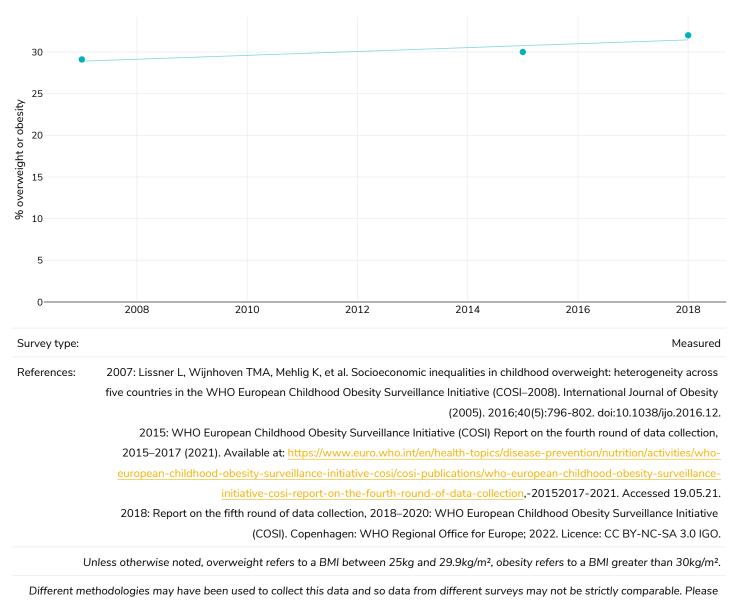
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.

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.



#### Boys

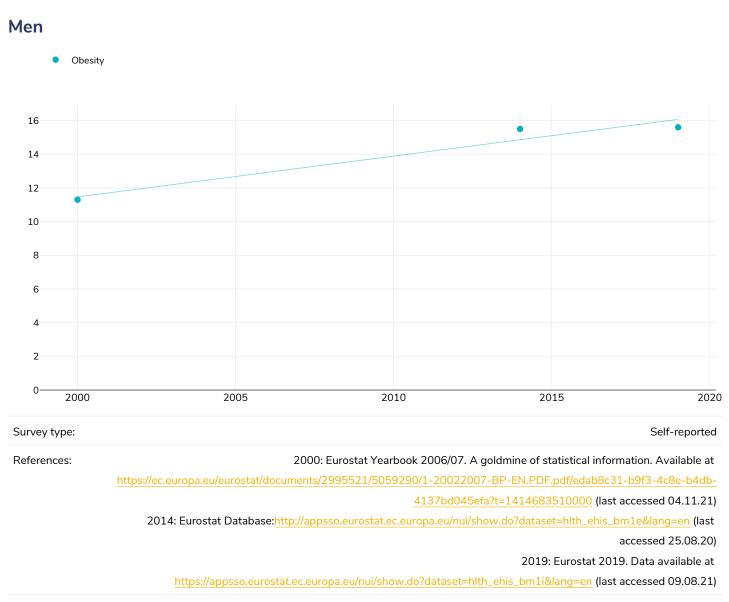
Overweight or obesity



check with original data sources for methodologies used.



# % Adults living with obesity, 2000-2019



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.



#### Women

• Obesity

#### Self-reported

Survey type: References:

2000: Eurostat Yearbook 2006/07. A goldmine of statistical information. Available at

https://ec.europa.eu/eurostat/documents/2995521/5059290/1-20022007-BP-EN.PDF.pdf/edab8c31-b9f3-4c8e-b4db-4137bd045efa?t=1414683510000 (last accessed 04.11.21)

2014: Eurostat Database:http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en (last

accessed 25.08.20)

2019: Eurostat 2019. Data available at

https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en (last accessed 09.08.21)

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.

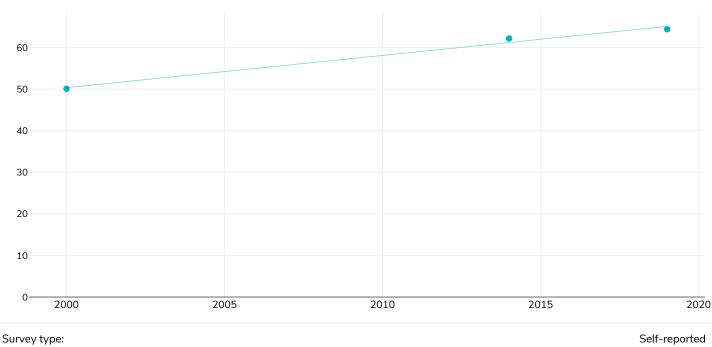


# % Adults living with overweight or obesity, 2000-2019

#### Men

**References:** 

Overweight or obesity



Self-reported

Eurostat Yearbook 2006/07. A goldmine of statistical information. Available at

https://ec.europa.eu/eurostat/documents/2995521/5059290/1-20022007-BP-EN.PDF.pdf/edab8c31-b9f3-4c8e-b4db-

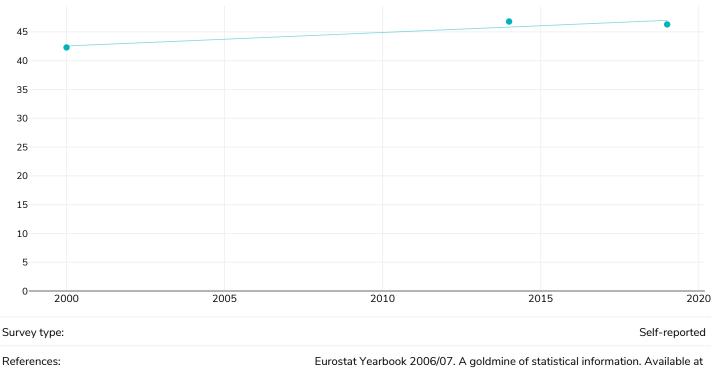
4137bd045efa?t=1414683510000 (last accessed 04.11.21)

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.



#### Women

• Overweight or obesity



https://ec.europa.eu/eurostat/documents/2995521/5059290/1-20022007-BP-EN.PDF.pdf/edab8c31-b9f3-4c8e-b4db-

4137bd045efa?t=1414683510000 (last accessed 04.11.21)

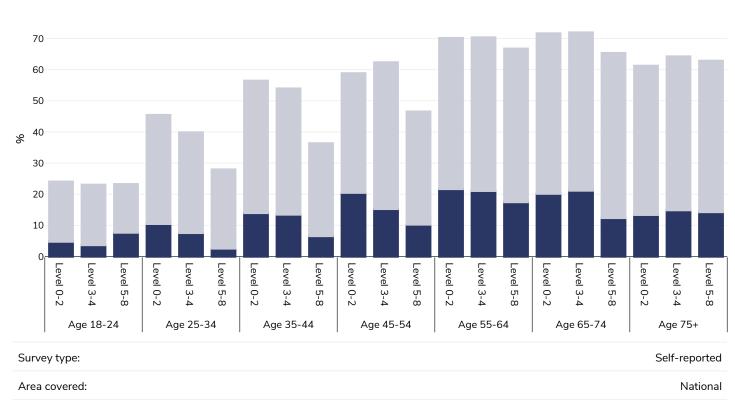
Different methodologies may have been used to collect this data and so data from different surveys may not be strictly comparable. Please check with original data sources for methodologies used.



# Overweight/obesity by age and education

### Adults, 2019

Obesity Overweight



References:

Eurostat 2019. Available at

https://ec.europa.eu/eurostat/databrowser/view/HLTH\_EHIS\_BM1E/default/table?lang=en&category=hlth.hlth\_det.hlt

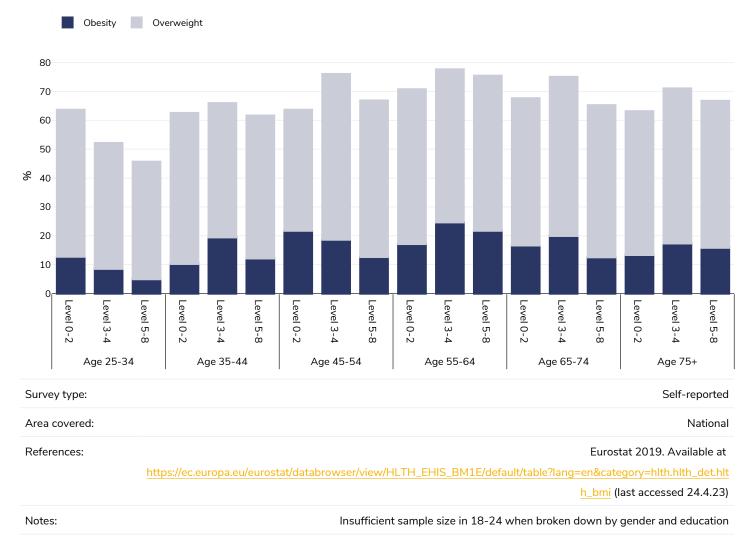
h\_bmi (last accessed 24.4.23)

Notes:

Insufficient sample size in 18-24 when broken down by gender and education



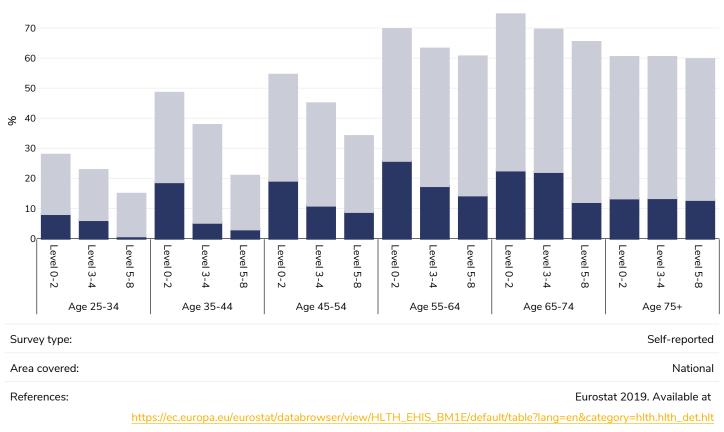
Men, 2019





#### Women, 2019

Obesity Overweight



h\_bmi (last accessed 24.4.23)

Notes:

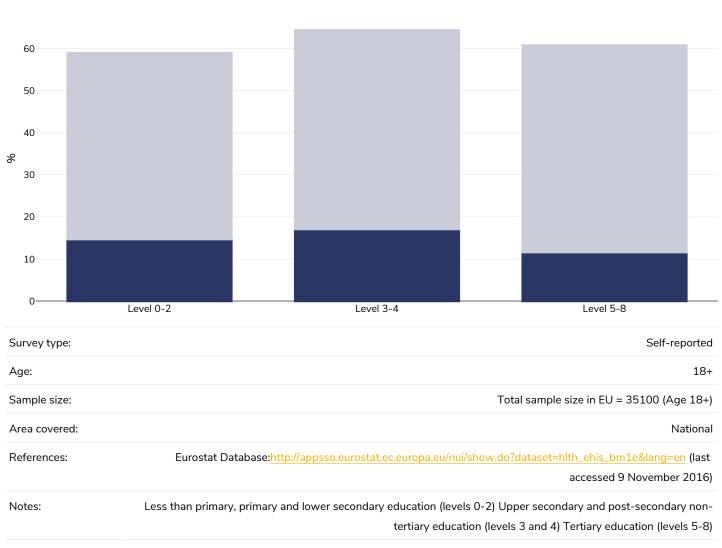
Insufficient sample size in 18-24 when broken down by gender and education



# Overweight/obesity by education

#### Men, 2014

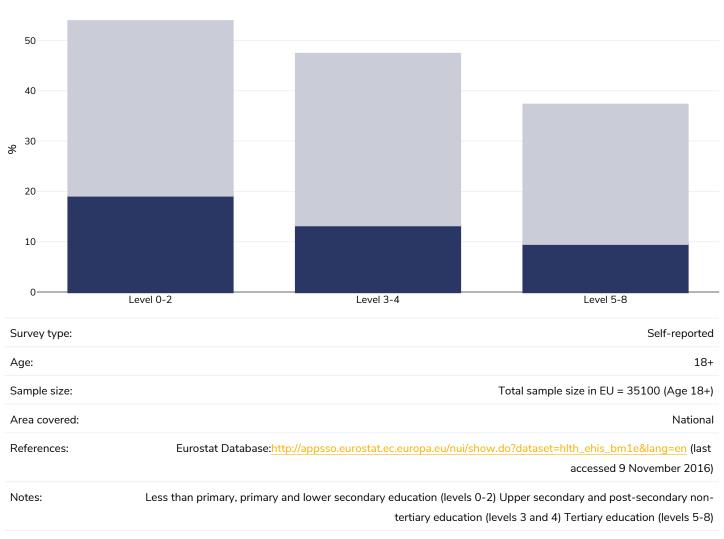
Obesity Overweight





### Women, 2014

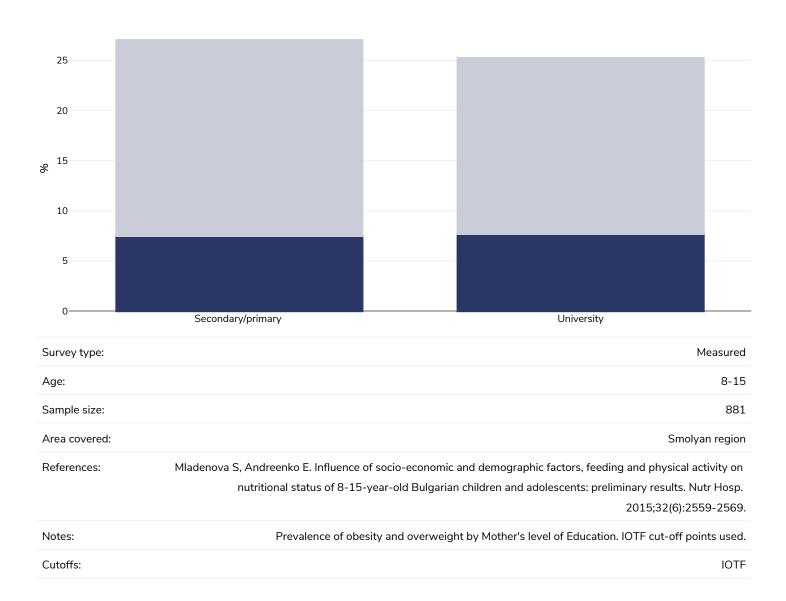
Obesity Overweight





#### Boys, 2012-2014

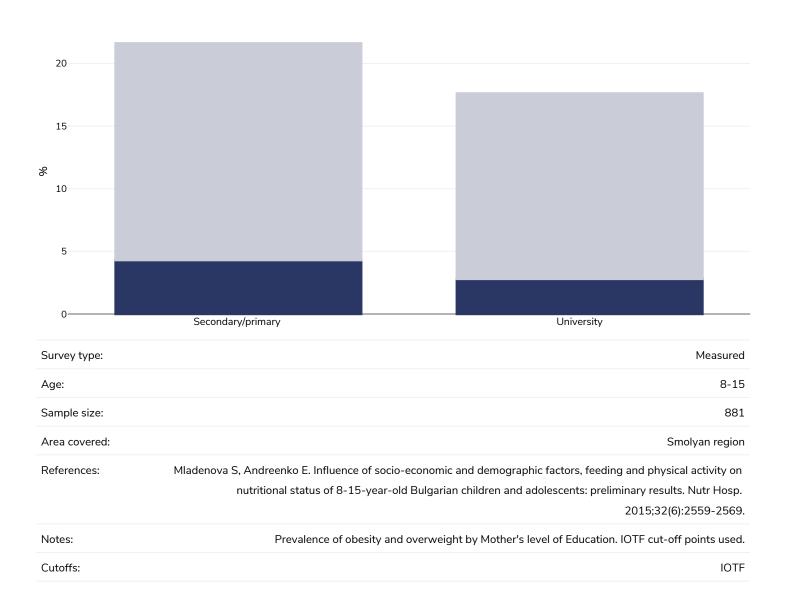
Obesity Overweight





#### Girls, 2012-2014

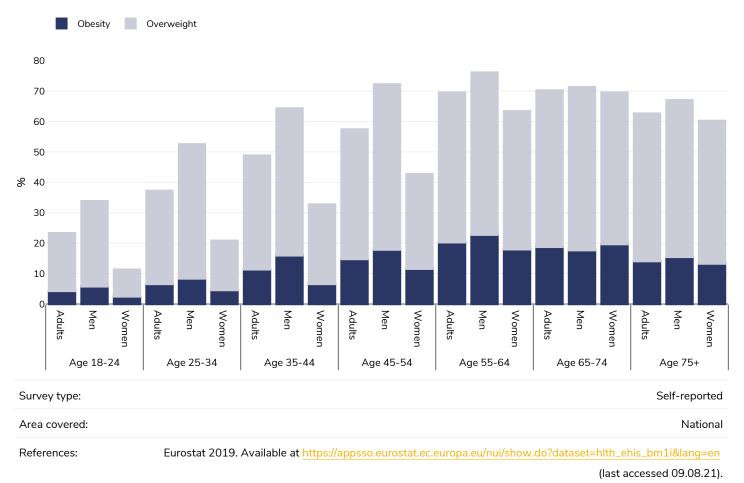
Obesity Overweight





# Overweight/obesity by age

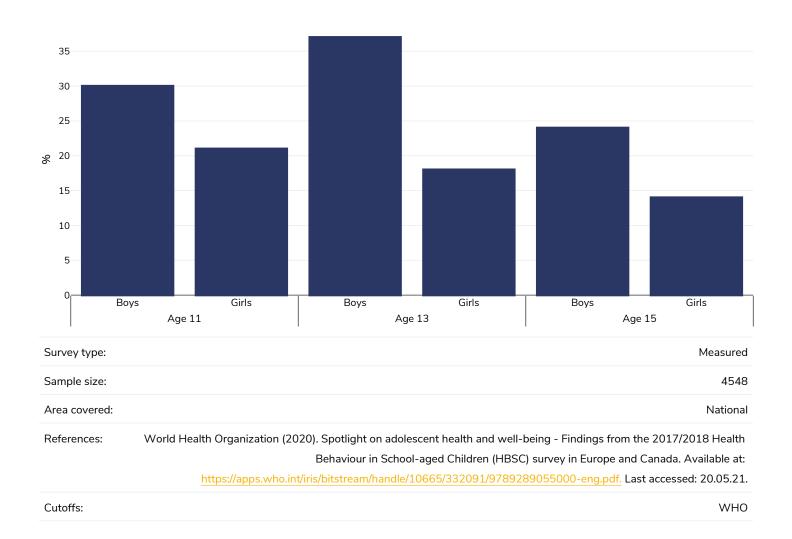
# Adults, 2019





#### Children, 2017-2018

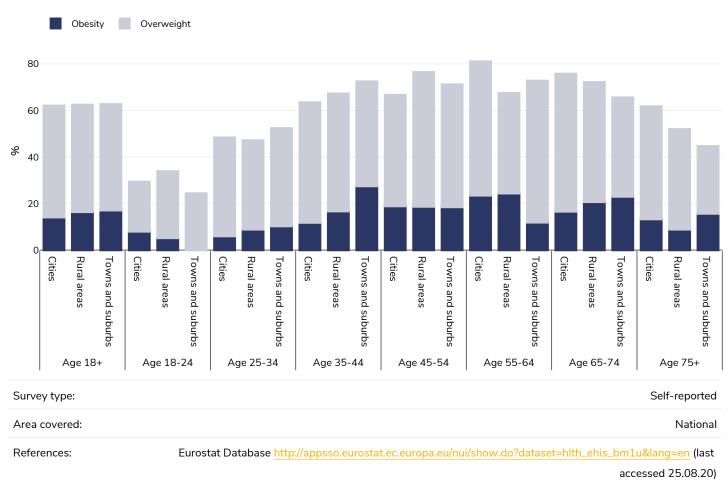
Overweight or obesity





# Overweight/obesity by age and region

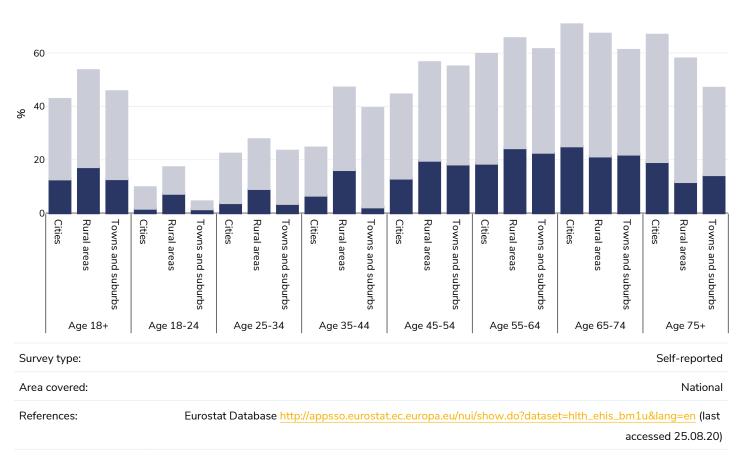
# Men, 2014





Women, 2014

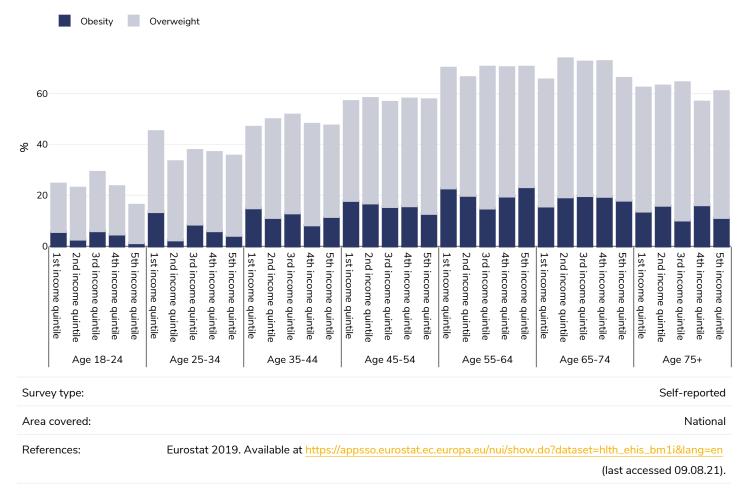
Obesity Overweight





## Overweight/obesity by age and socio-economic group

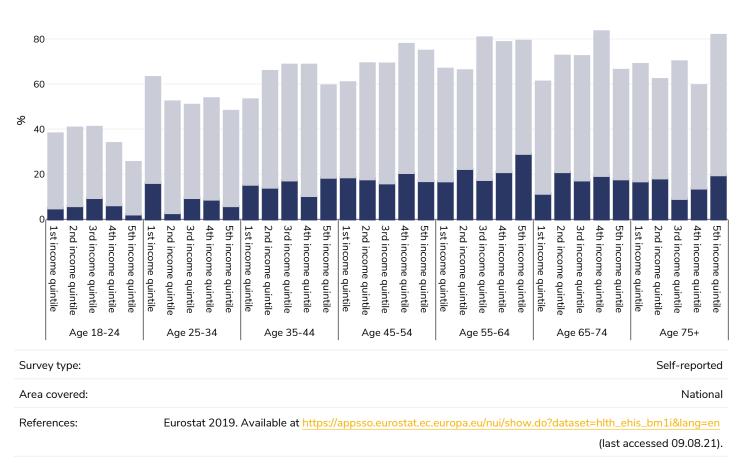
### Adults, 2019





Men, 2019

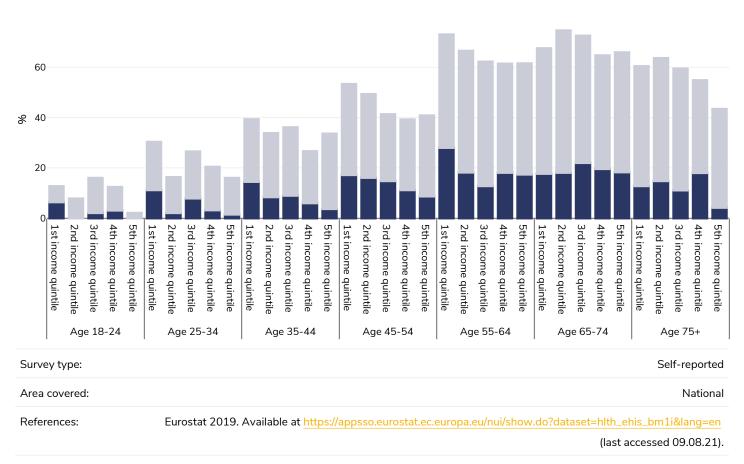
Obesity Overweight





Women, 2019

Obesity Overweight





# Overweight/obesity by socio-economic group

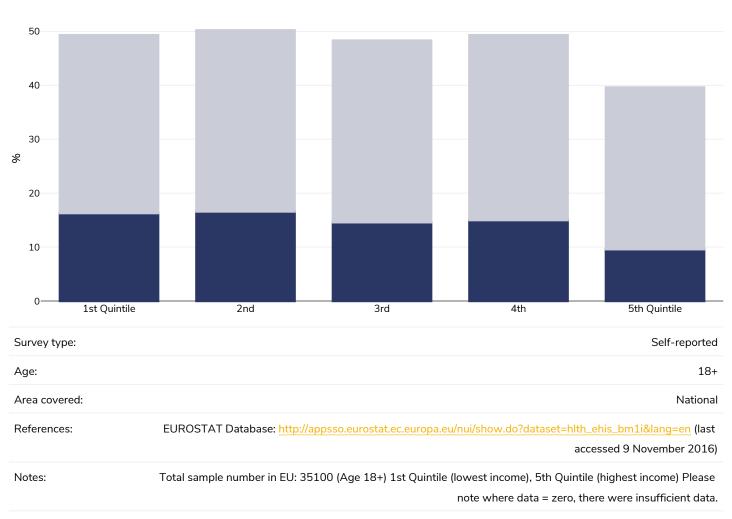
#### Men, 2014

Obesity Overweight 70 60 50 40 % 30 20 10 0 1st Quintile 4th 5th Quintile 2nd 3rd Self-reported Survey type: Age: 18+ Area covered: National References: EUROSTAT Database: http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en (last accessed 9 November 2016) Notes: Total sample number in EU: 35100 (Age 18+) 1st Quintile (lowest income), 5th Quintile (highest income) Please note where data = zero, there were insufficient data.



# Women, 2014

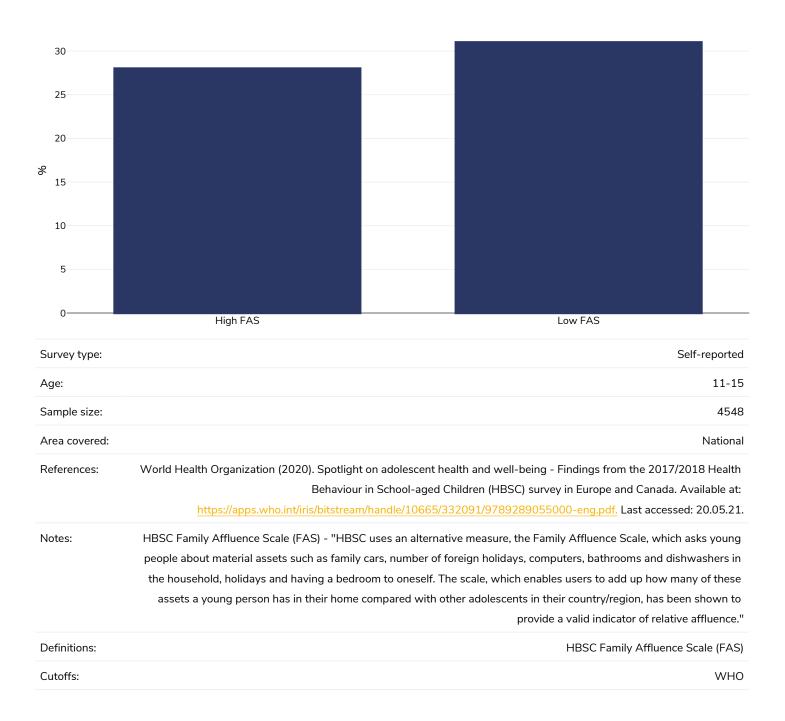






#### Boys, 2017-2018

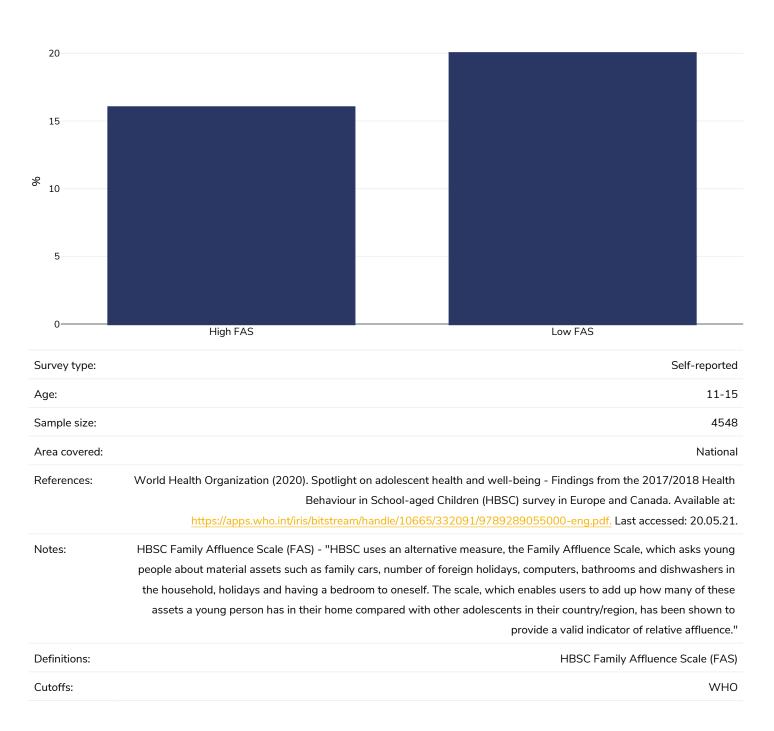
Overweight or obesity





#### Girls, 2017-2018

Overweight or obesity

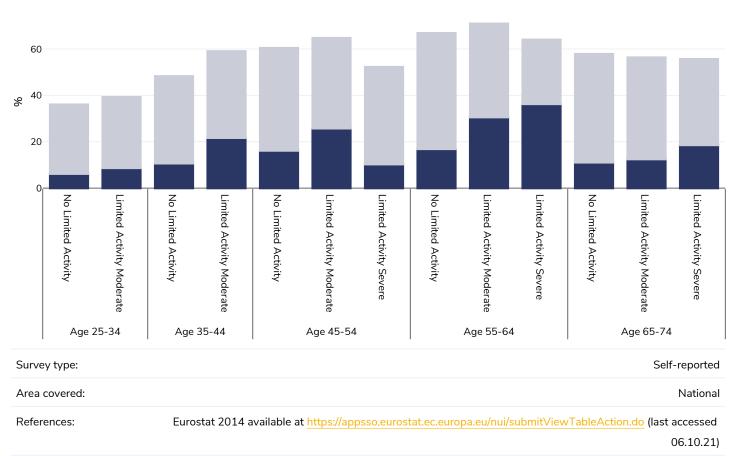




# Overweight/obesity by age and limited activity

#### Adults, 2014

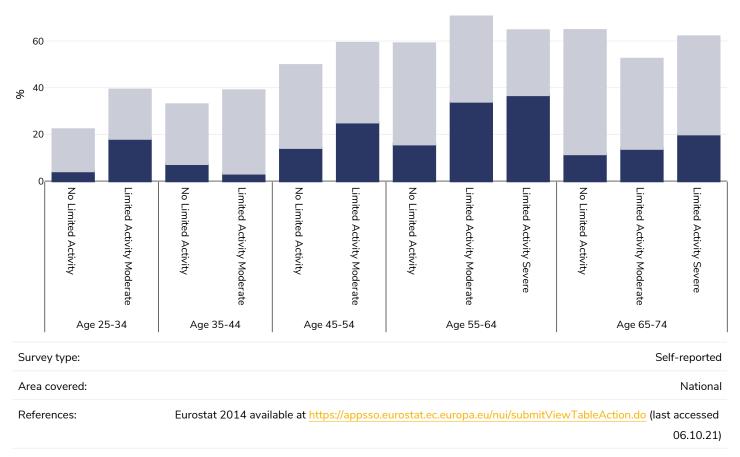
Obesity Overweight





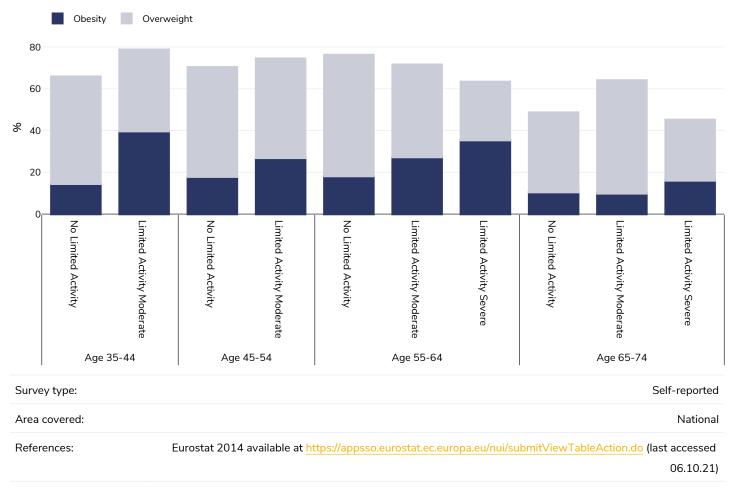
Women, 2014

Obesity Overweight





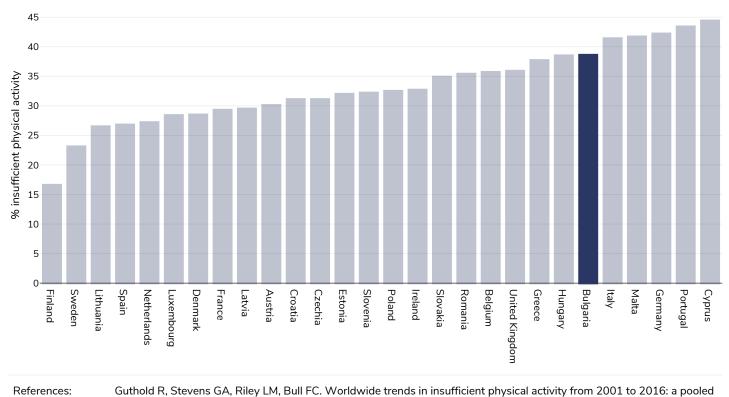
Men, 2014





# Insufficient physical activity

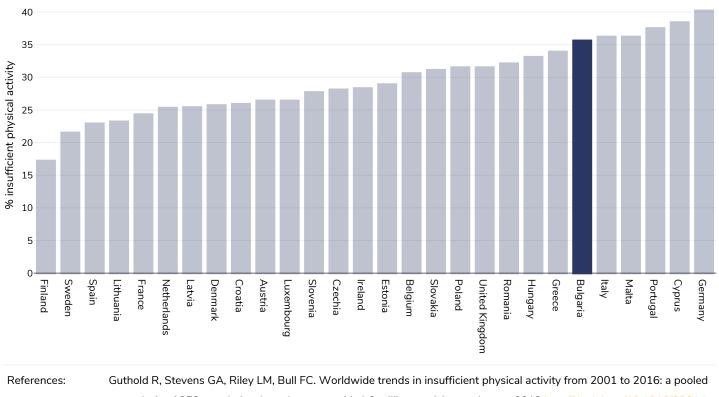
#### Adults, 2016



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 <a href="http://dx.doi.org/10.1016/S2214-109X">http://dx.doi.org/10.1016/S2214-109X</a> 109X(18)30357-7

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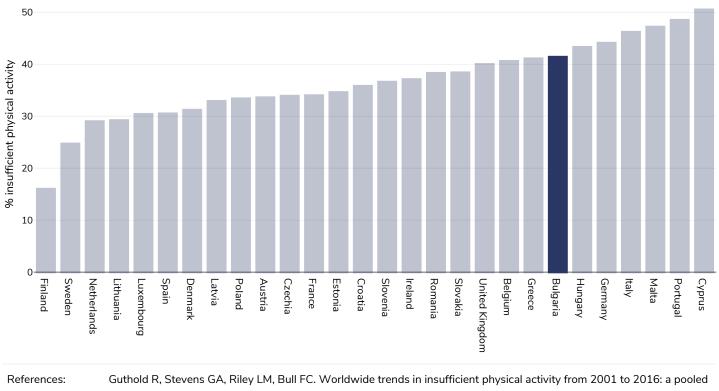
#### Men, 2016



analysis of 358 population-based surveys with 1.9 million participants. Lancet 2018 <u>http://dx.doi.org/10.1016/S2214-</u> 109X(18)30357-7



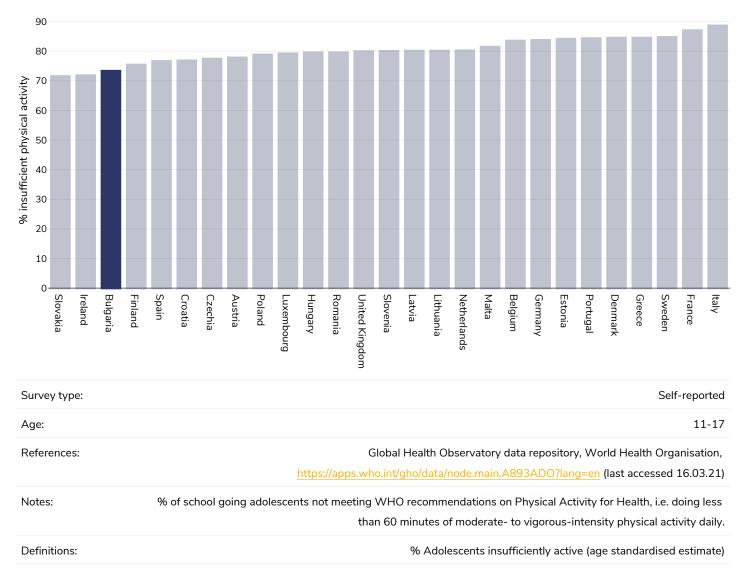
# Women, 2016



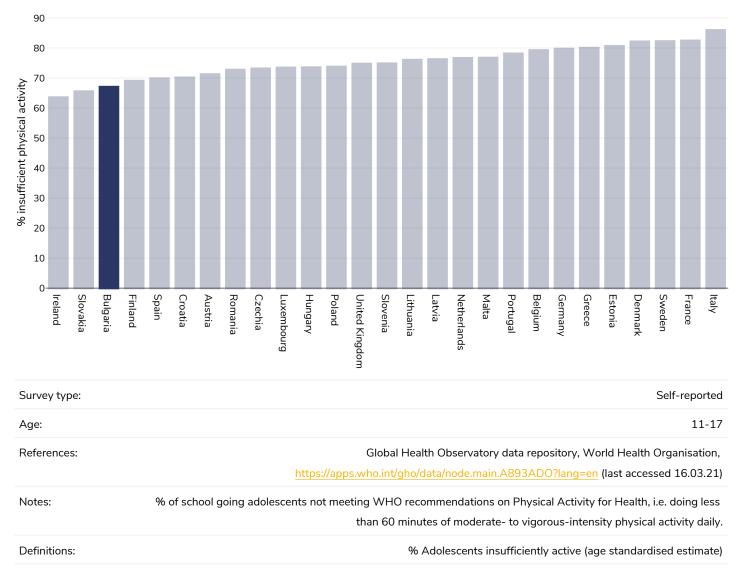
analysis of 358 population-based surveys with 1.9 million participants. Lancet 2018 <u>http://dx.doi.org/10.1016/S2214-</u> 109X(18)30357-7



Children, 2016

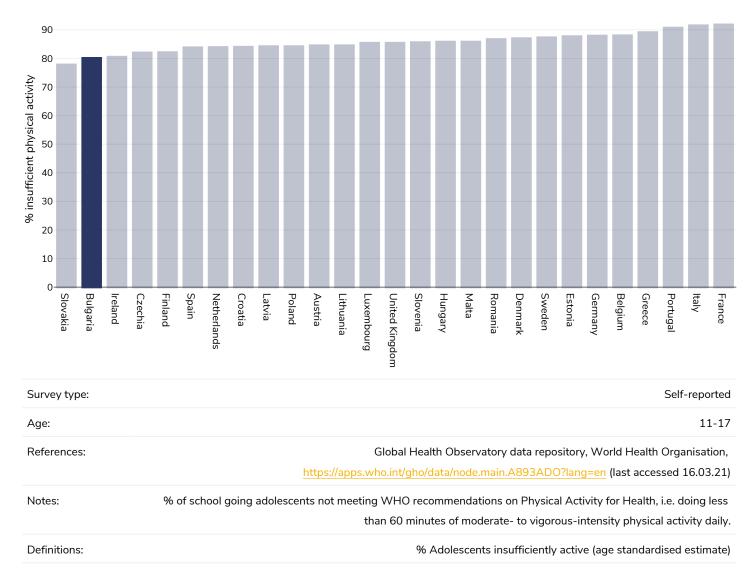


Boys, 2016



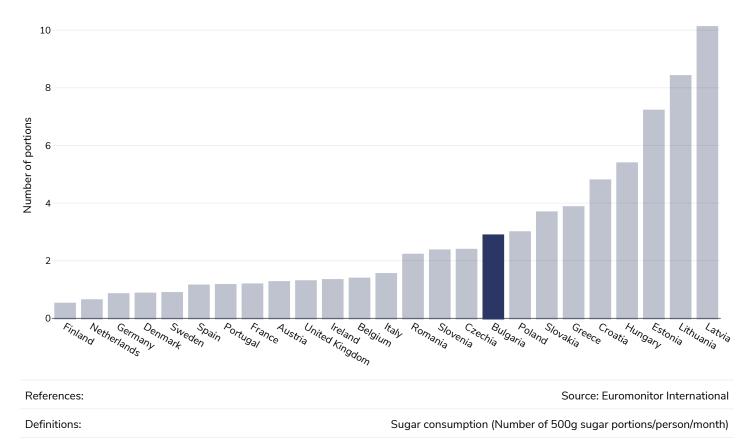


#### Girls, 2016





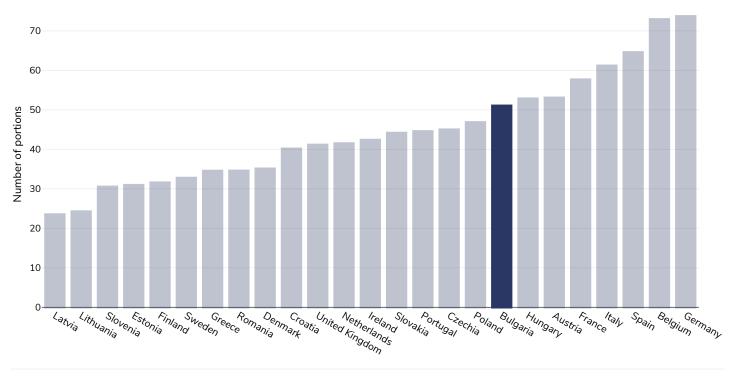
## Sugar consumption





# Estimated per capita sugar sweetened beverages intake

### Adults, 2016



References:

Source: Euromonitor International



# Prevalence of at least daily carbonated soft drink consumption

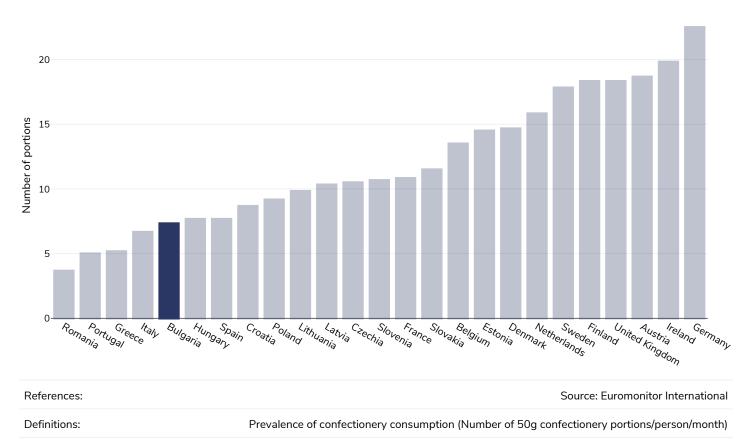
#### 40 35 30 25 8 20 15 10 5 n Estonia Greece Czechia Austria Spain Poland France Hungary Bulgaria Malta Latvia Ireland Italy Croatia Finland Sweden Denmark Slovenia Lithuania United Kingdom Slovakia Luxembourg Netherlands Portugal Germany Romania Survey type: Measured References: World Health Organization. (2017). Adolescent obesity and related behaviours: Trends and inequalities in the who european region, 2002-2014: observations from the Health Behavior in School-aged Children (HBSC) WHO collaborative cross-national study (J. Inchley, D. Currie, J. Jewel, J. Breda, & V. Barnekow, Eds.). World Health Organization. Sourced from Food Systems Dashboard http://www.foodsystemsdashboard.org Notes: 15-year-old adolescents Prevalence of at least daily carbonated soft drink consumption (% of at least daily carbonated soft drink consumption) Definitions:

### Children, 2014

39

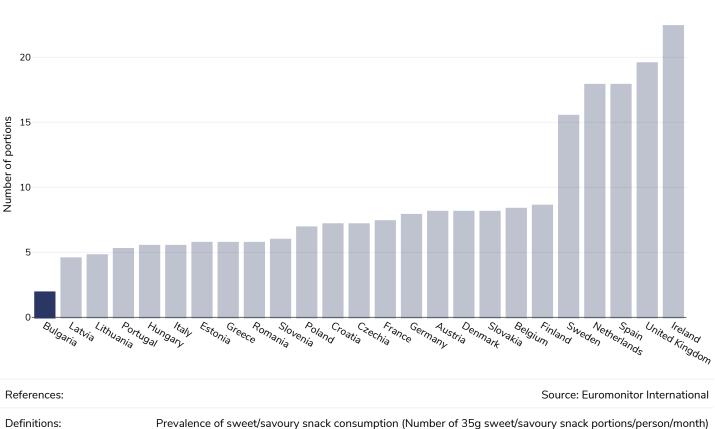


# Prevalence of confectionery consumption



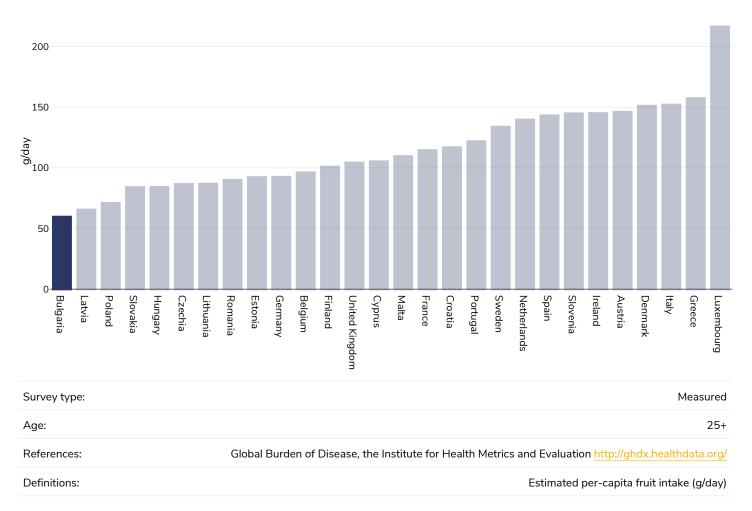


# Prevalence of sweet/savoury snack consumption





# Estimated per capita fruit intake

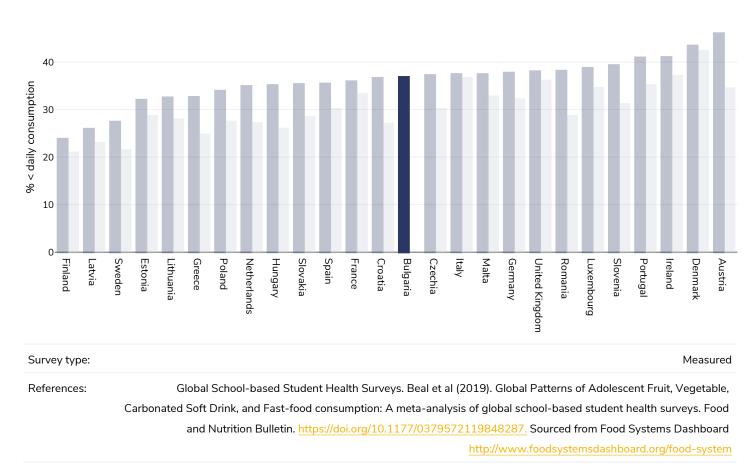




# Prevalence of less than daily fruit consumption

### Children, 2014

Age 12-17 Age 15



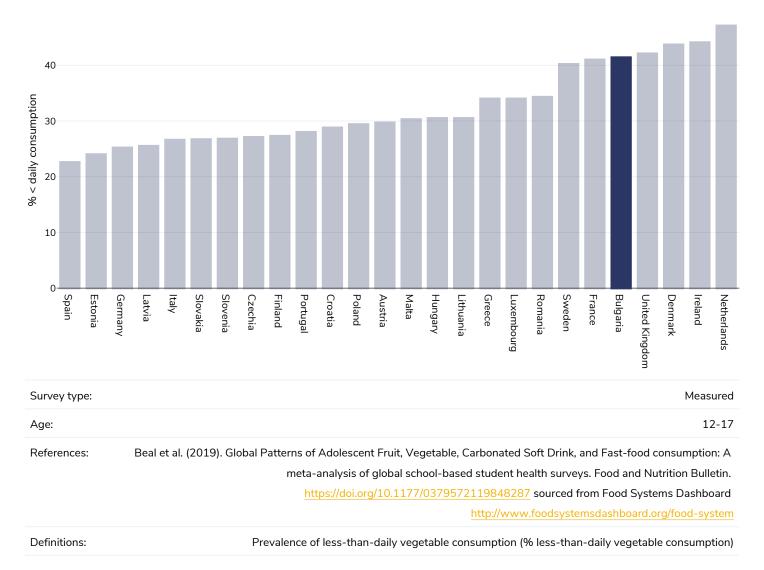
Definitions:

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



# Prevalence of less than daily vegetable consumption

### Children, 2014



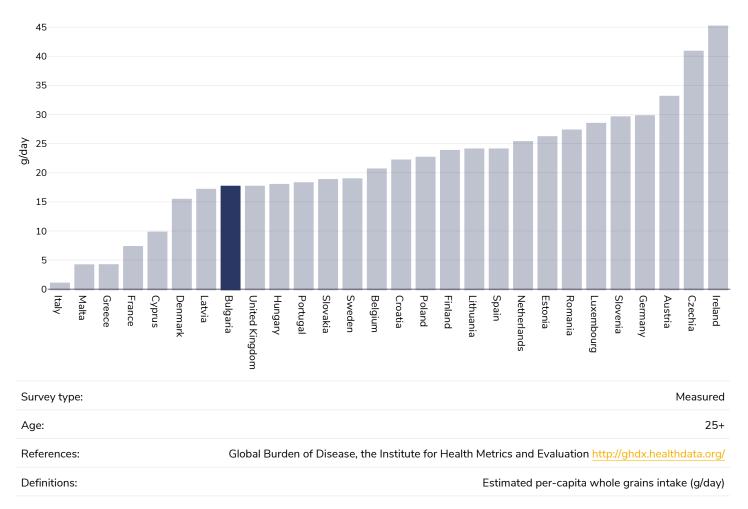


# Estimated per-capita processed meat intake

#### 20 15 yedy 10 5 0 Sweden Croatia Portugal Greece Poland Cyprus Hungary Romania Austria Bulgaria Ireland Malta Finland Spain Belgium France Latvia Germany Czechia Italy Estonia Slovakia Slovenia Denmark Netherlands Lithuania United Kingdom Luxembourg 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)



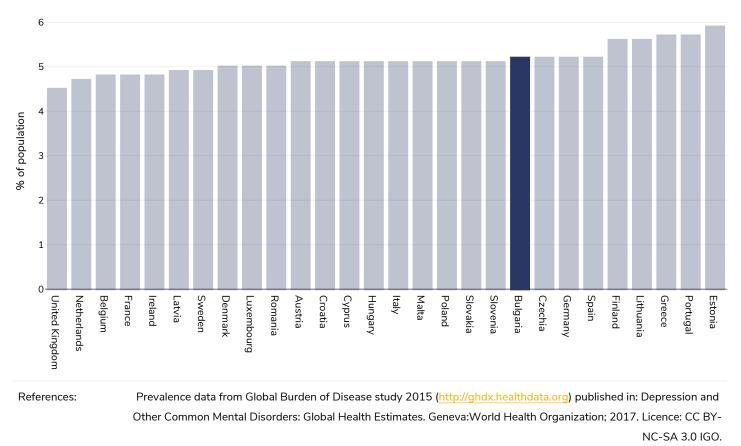
# Estimated per capita whole grains intake





### Mental health - depression disorders

### Adults, 2015



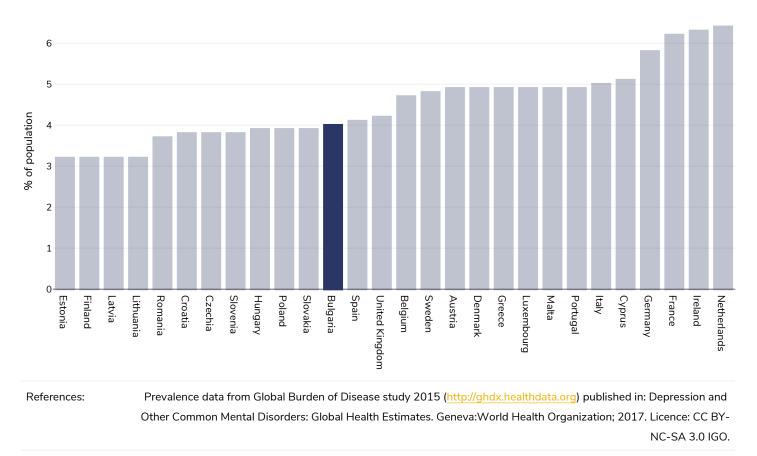
Definitions:

% of population with depression disorders



## Mental health - anxiety disorders

### Adults, 2015

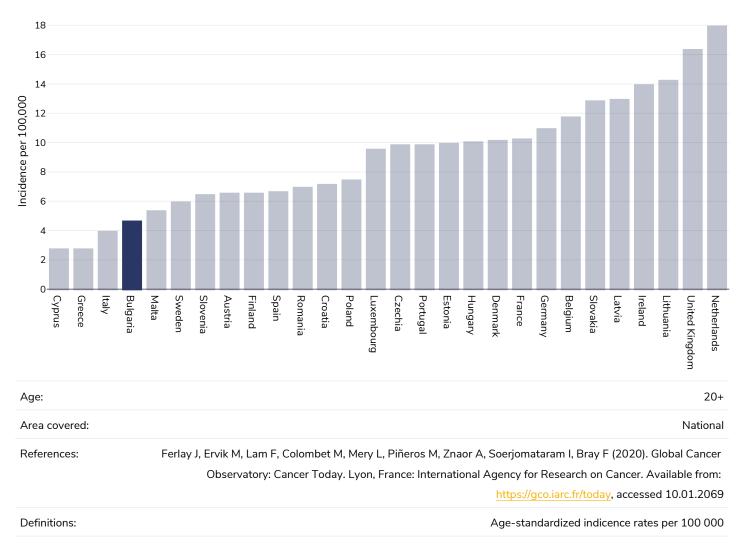


Definitions:

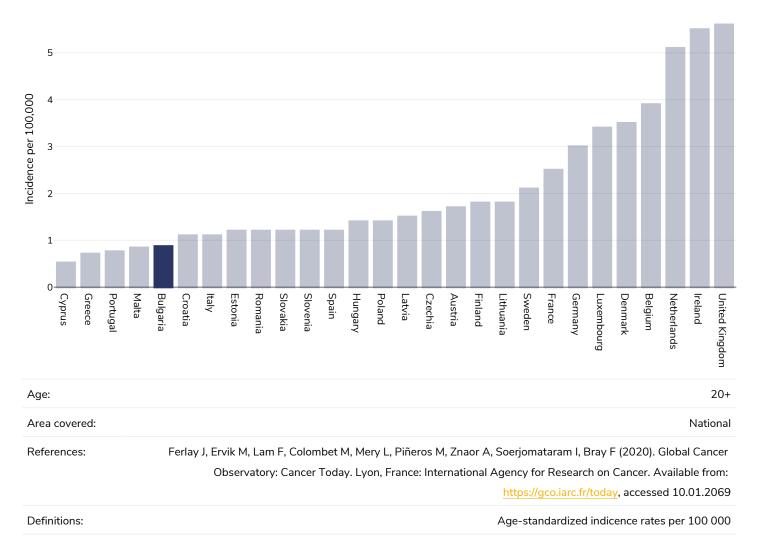
% of population with anxiety disorders



## **Oesophageal cancer**

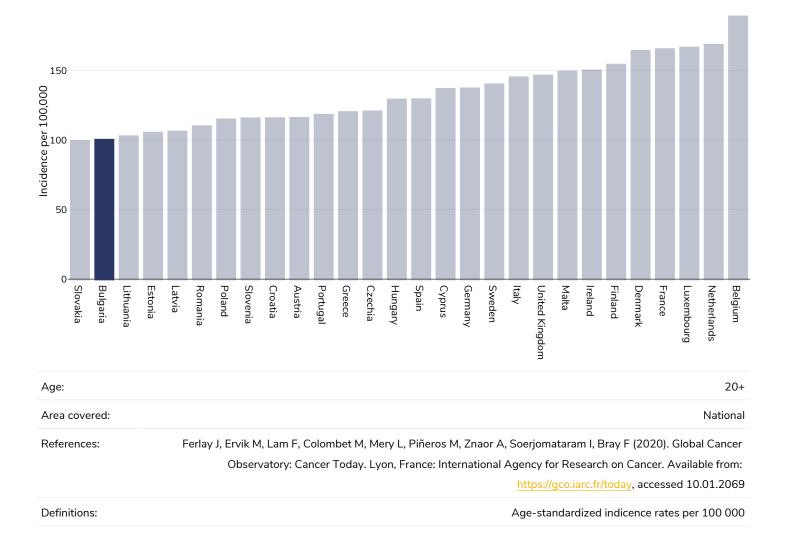






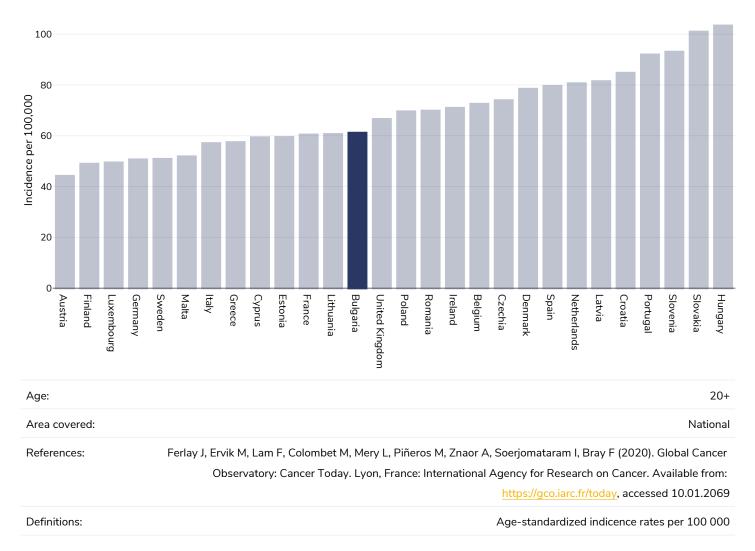


### **Breast cancer**

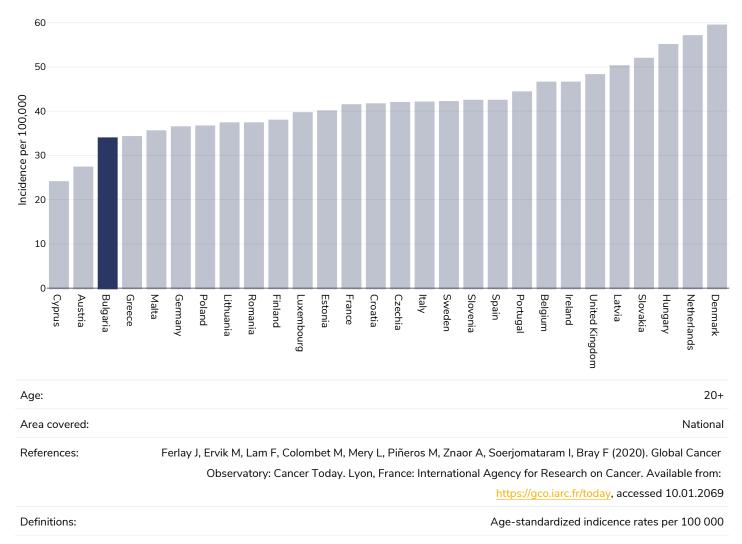




### **Colorectal cancer**

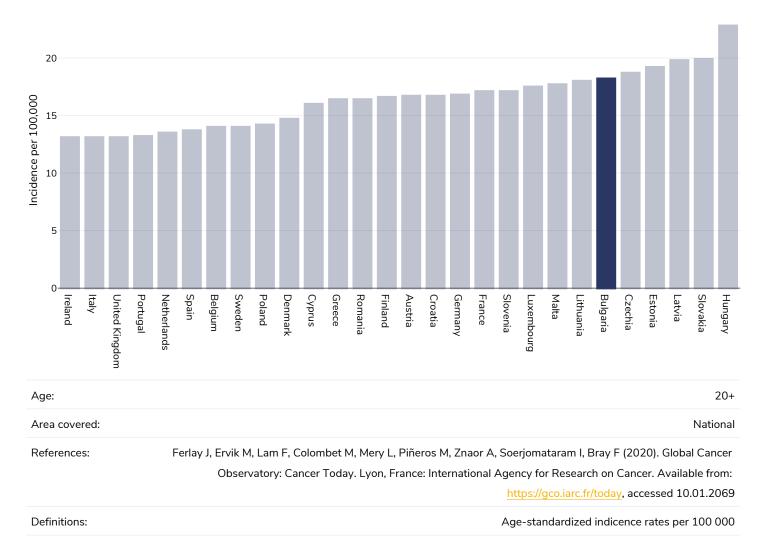


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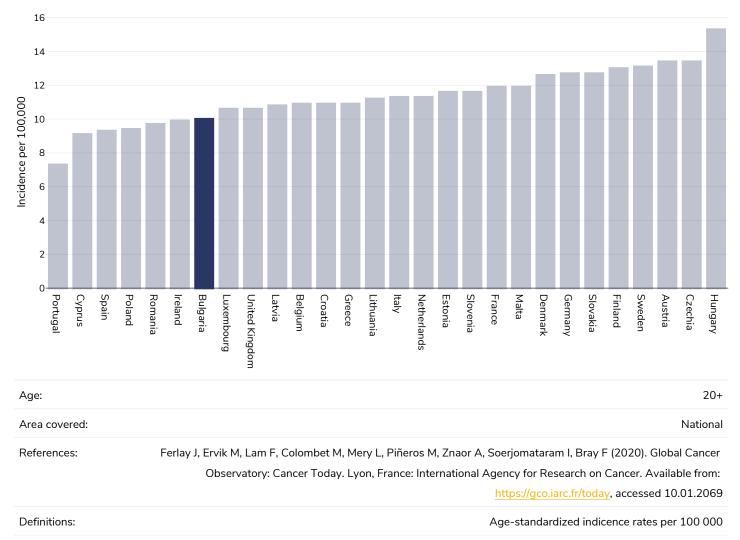




### Pancreatic cancer

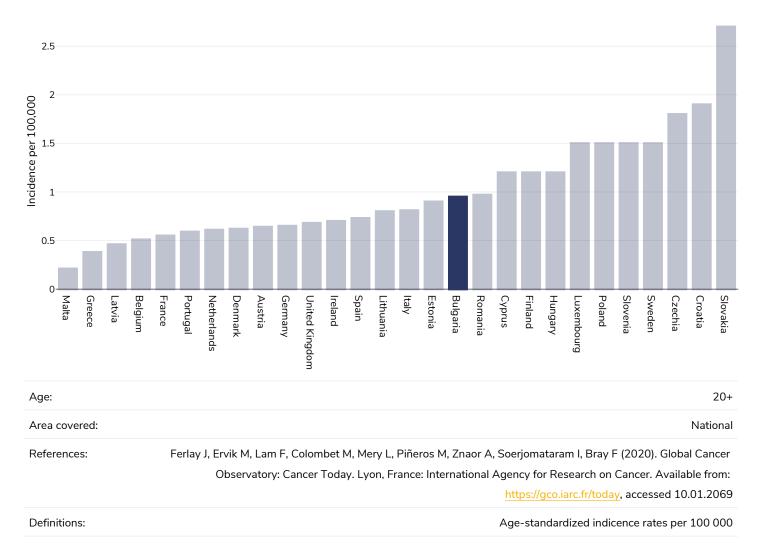


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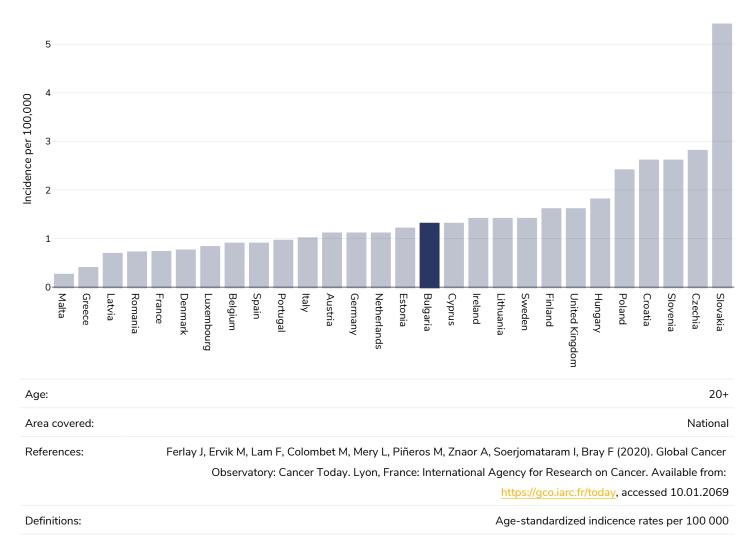




### Gallbladder cancer

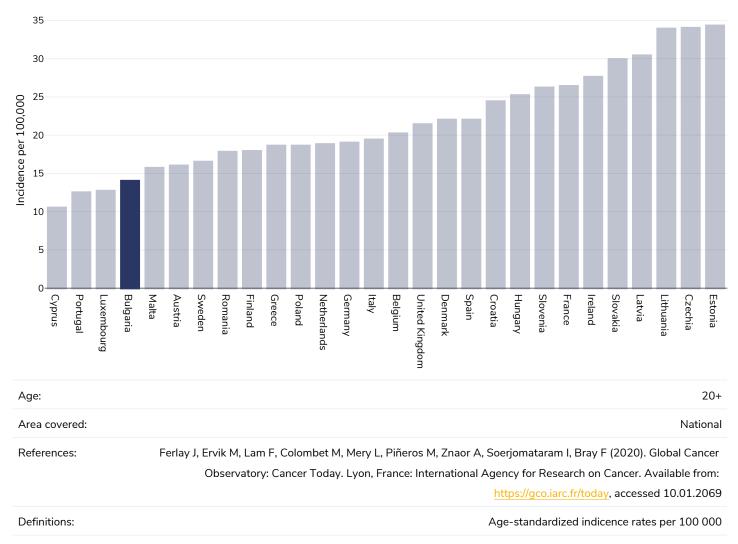




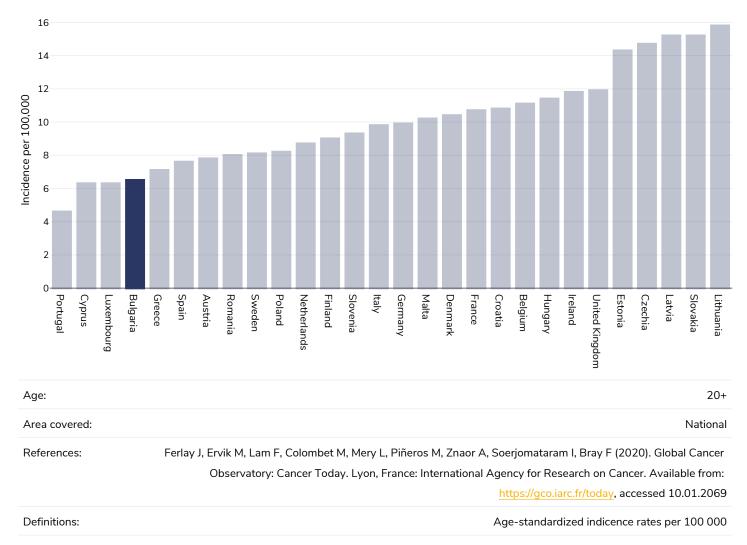




### **Kidney cancer**

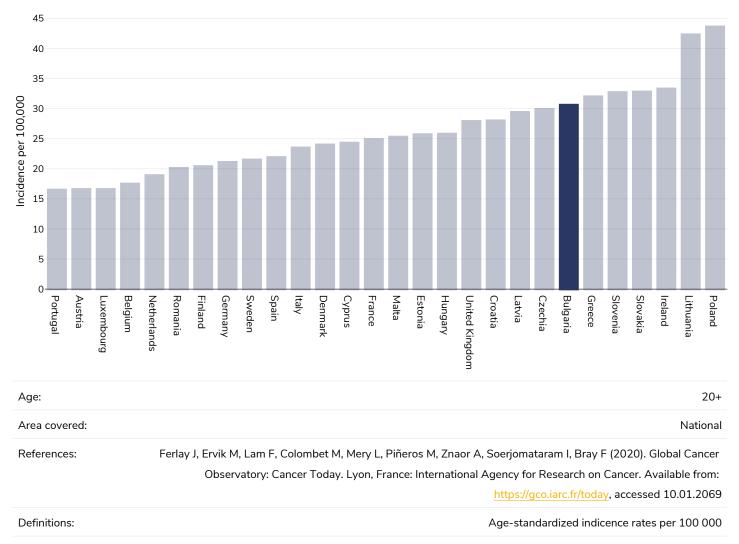


# 



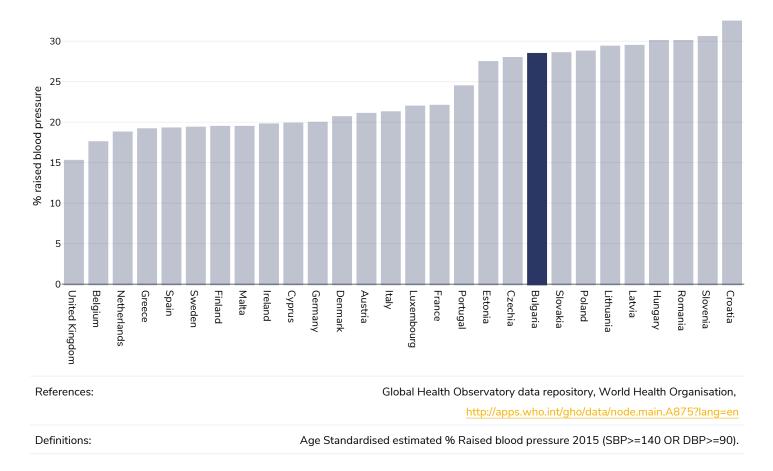


### Cancer of the uterus

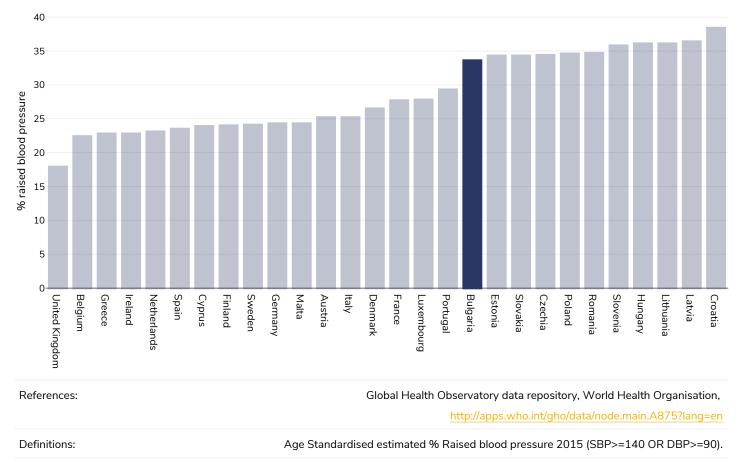




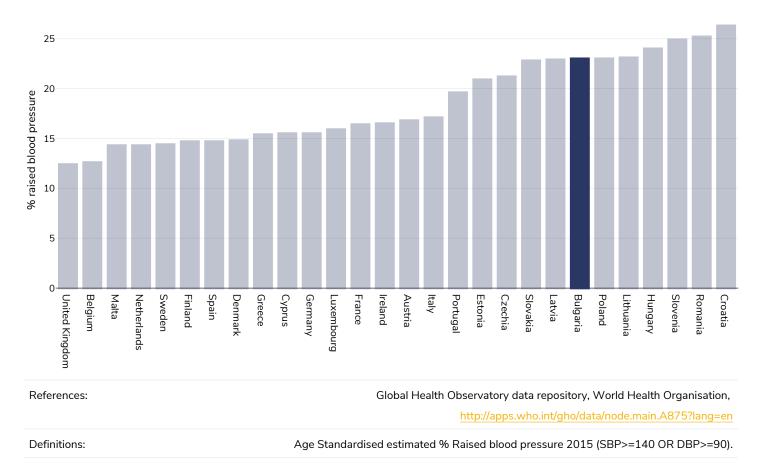
# **Raised blood pressure**



# 



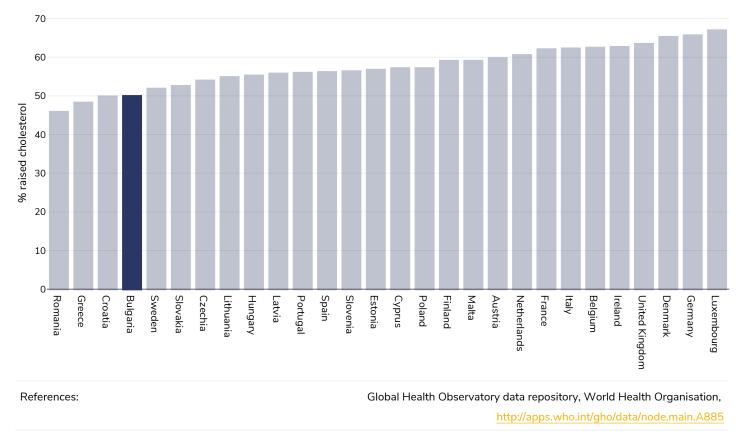






## **Raised cholesterol**

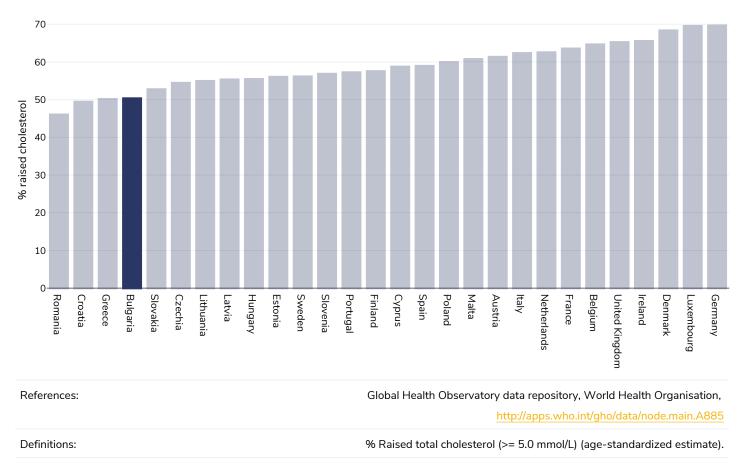
### Adults, 2008



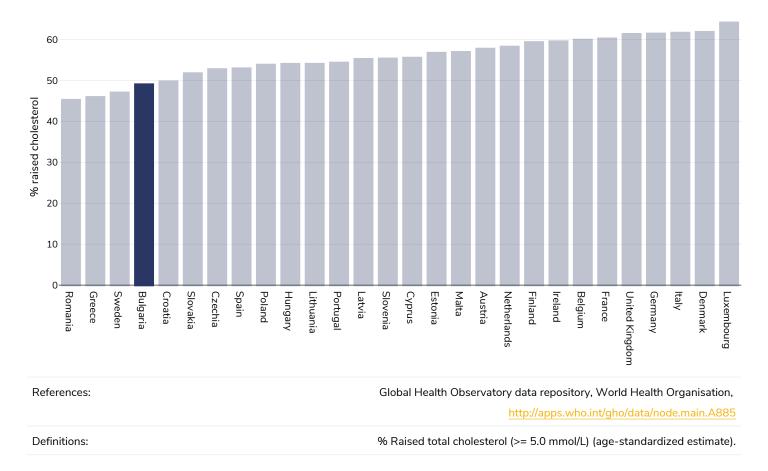
Definitions:

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

# 

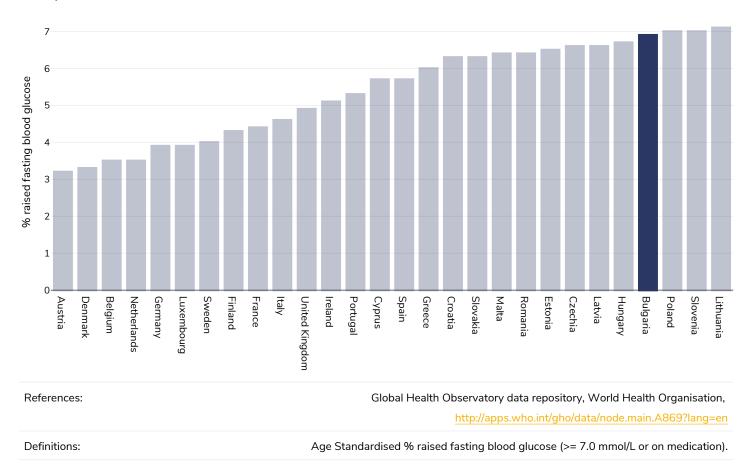




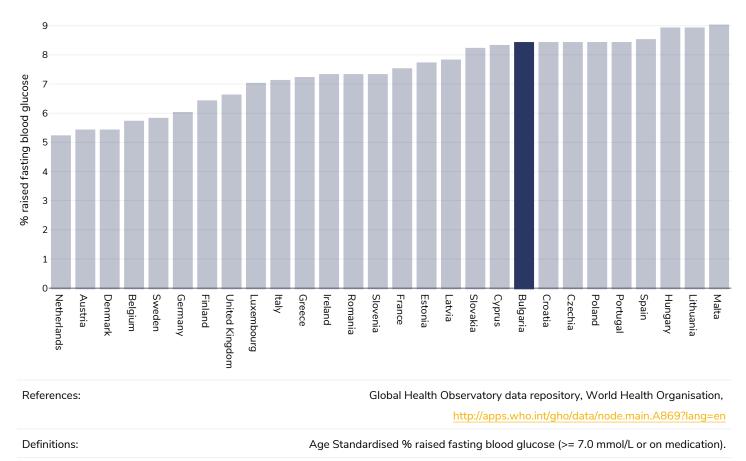




# Raised fasting blood glucose

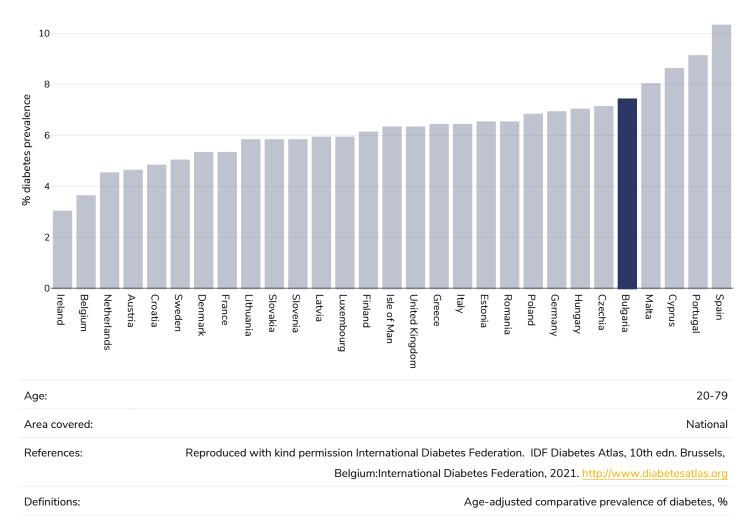


# 





## **Diabetes prevalence**





### **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?	$\checkmark$
Front-of-package labelling?	×
Back-of-pack nutrition declaration?	✓
Color coding?	×
Warning label?	×

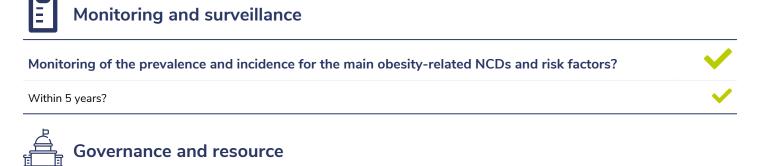


Are there fiscal policies on unhealthy products?	×
Tax on unhealthy foods?	×
Tax on unhealthy drinks?	×
Are there fiscal policies on healthy products?	X
Subsidy on fruits?	×
Subsidy on vegetables?	×
Subsidy on other healthy products?	×
Mandatory limit or ban of trans fat (all settings)?	<b>~</b>
Mandatory limit of trans fats in place (all settings)?	~
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?	~
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?	$\checkmark$
Are there any mandatory nutrient limits in any manufactured food products?	~
Nutrition standards for public sector procurement?	X



# $\overset{\underline{\otimes}}{\mathbb{P}}\overset{\underline{\otimes}}{\mathbb{P}} \quad \mathsf{Political will and support}$

National obesity strategy or nutrition and physical activity national strategy?	$\checkmark$
National obesity strategy?	✓
National childhood obesity strategy?	×
Comprehensive nutrition strategy?	×
Comprehensive physical activity strategy?	✓
Evidence-based dietary guidelines and/or RDAs?	$\checkmark$
National target(s) on reducing obesity?	~
Guidelines/policy on obesity treatment?	×
Promotion of breastfeeding?	<ul> <li>Image: A start of the start of</li></ul>



Multi-sectoral national co-ordination mechanism for obesity or nutrition (including obesity)? Key  $\checkmark$  Present (voluntary)  $\checkmark$  Incoming  $\checkmark$  Absent ? Unknown

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