

Bulgaria

Country report card

This report card contains the latest data available on the Global Obesity Observatory on overweight and obesity . Where available, data on common and relevant obesity drivers and comorbidities are also presented.

View the latest version of this report on the Global Obesity Observatory at https://data.worldobesity.org/country/bulgaria-31/.



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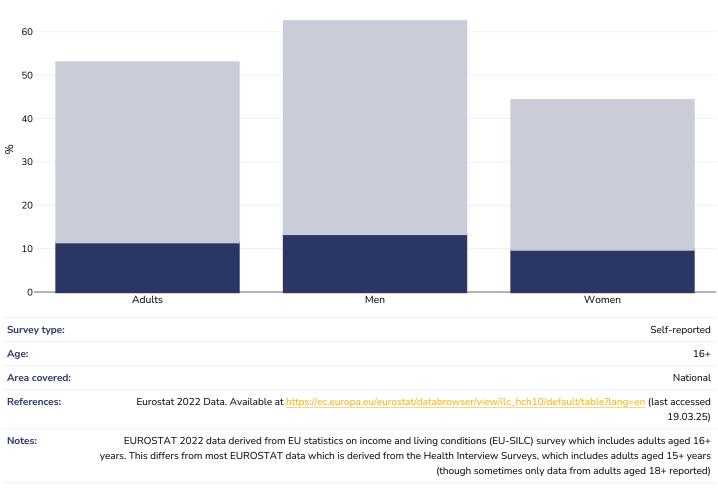
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Obesity prevalence

Adults, 2022

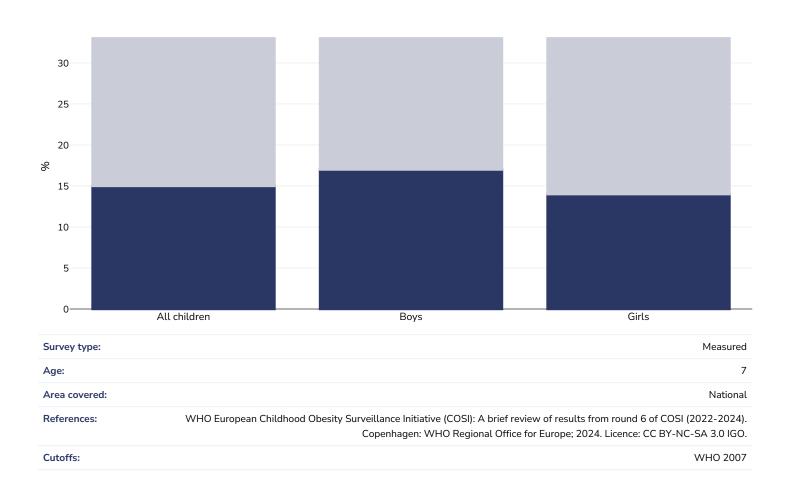
Obesity Overweight





Children, 2022-2024

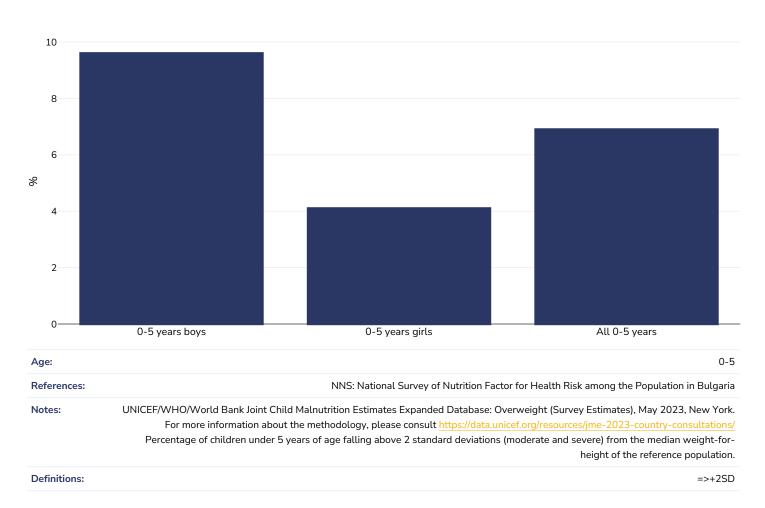
Obesity Overweight





0-5 years, 2014

Overweight or obesity



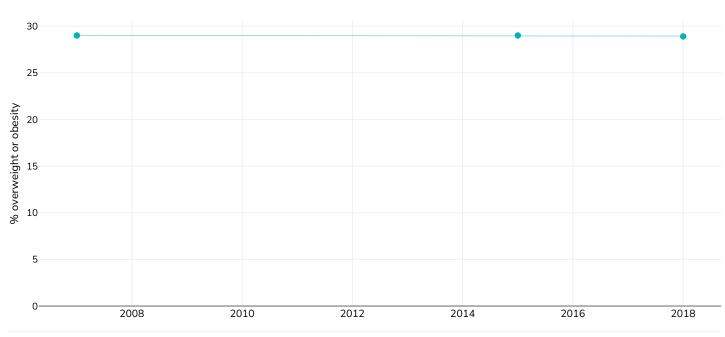


% Children living with overweight or obesity, 2007-2020

Girls

Survey type:

Overweight or obesity



Measured

References: 2007: Lissner L, Wijnhoven TMA, Mehlig K, et al. Socioeconomic inequalities in childhood overweight: heterogeneity across five countries in the WHO European Childhood Obesity Surveillance Initiative (COSI–2008). International Journal of Obesity (2005). 2016;40(5):796-802. doi:10.1038/ijo.2016.12.

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

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.

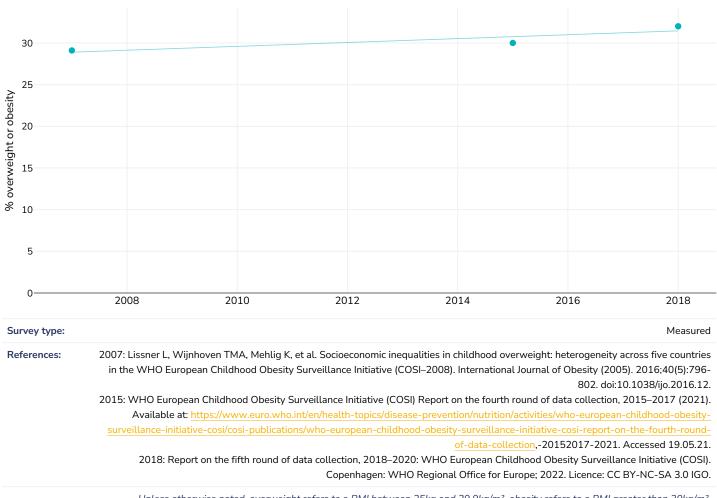
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².

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.



Boys

Overweight or obesity



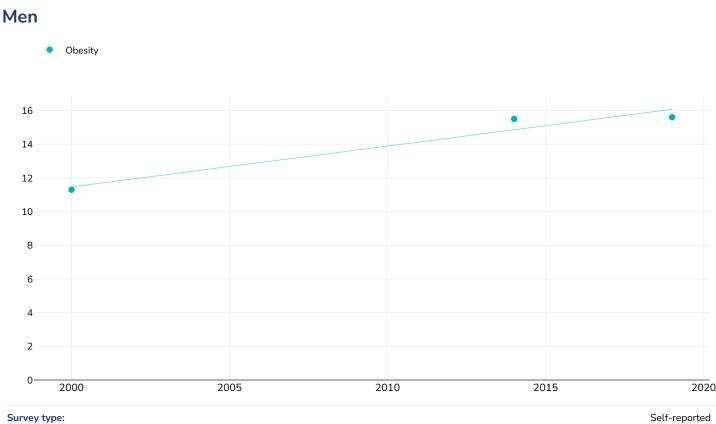
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².

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.



References:

Trend adult obesity 2000 2019



Self-reported

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

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

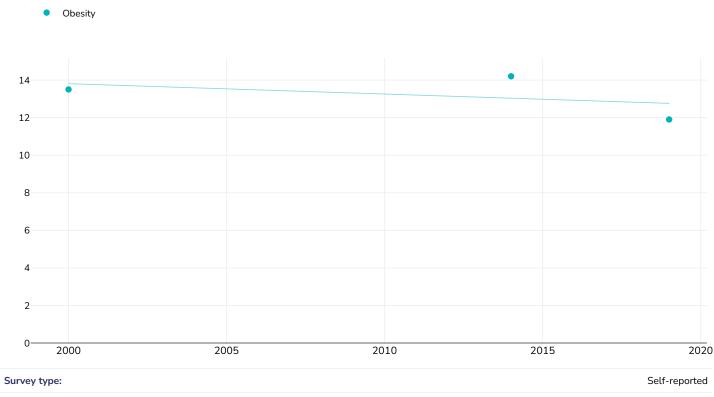
accessed 09.08.21)

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.



Women

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=htth_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.

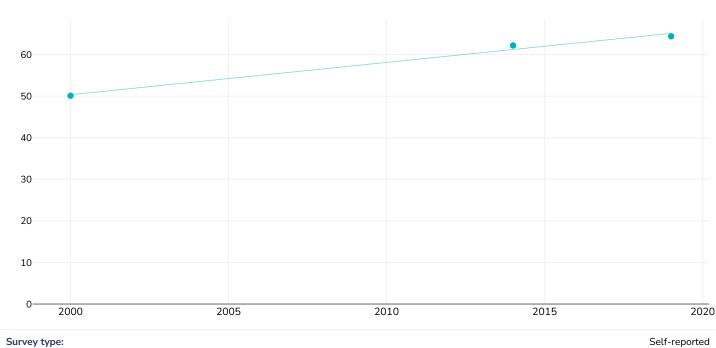


Trend adult overweight obesity 2000 2019

Men

References:

Overweight or obesity



Self-reported

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

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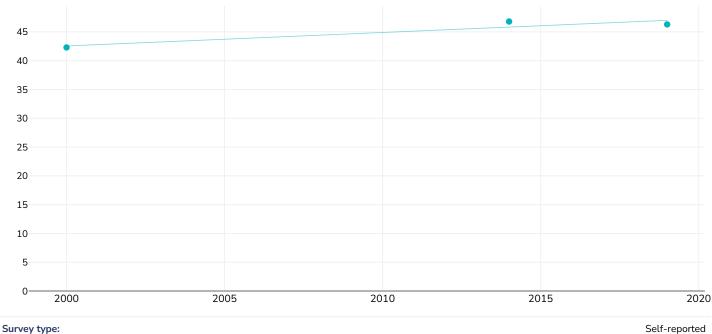
Different methodologies may have been used to collect this data and so data from different surveys may not be strictly comparable. Please check with original data sources for methodologies used.



Women

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)

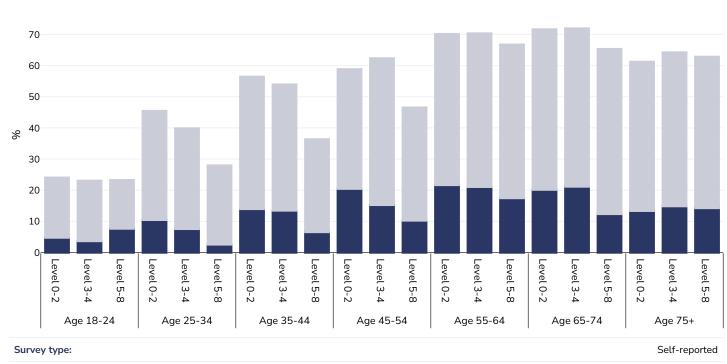
Different methodologies may have been used to collect this data and so data from different surveys may not be strictly comparable. Please check with original data sources for methodologies used.



Overweight/obesity by age and education

Adults, 2019

Obesity Overweight



National

References:

Area covered:

Eurostat 2019. Available at https://ec.europa.eu/eurostat/databrowser/view/HLTH_EHIS_BM1E/default/table?lang=en&category=hlth.hlth_det.hlth_bmi (last

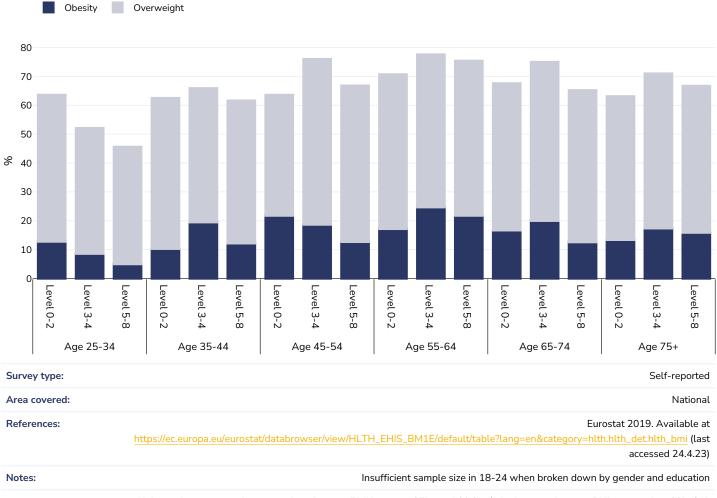
accessed 24.4.23)

Notes:

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



Men, 2019

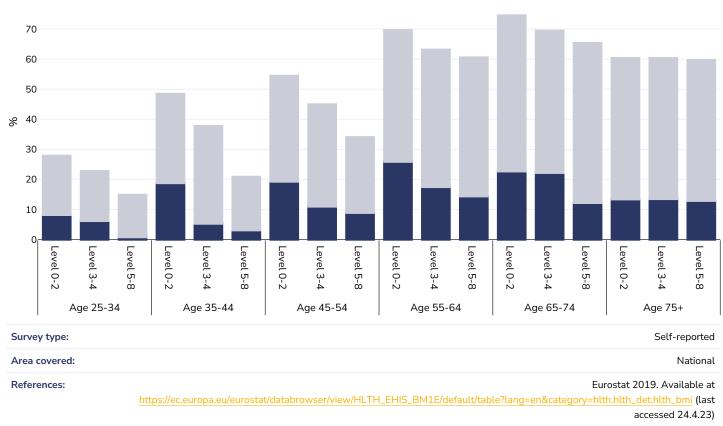






Women, 2019

Obesity Overweight

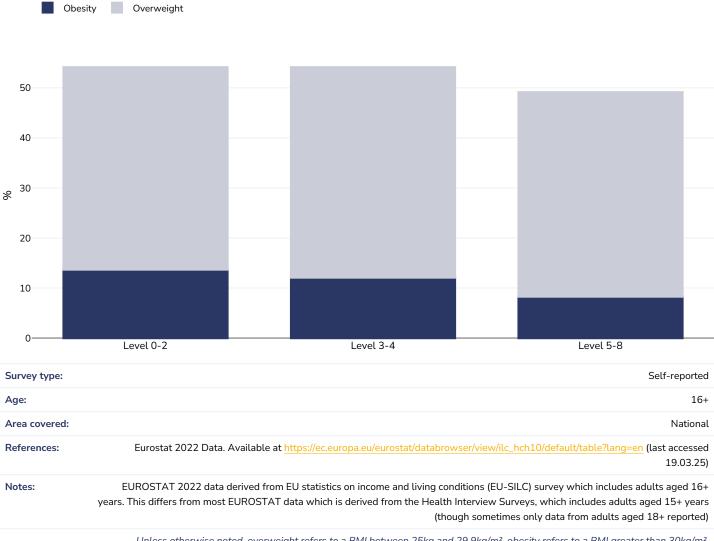


| Notes: | Insufficient sample size in 18-24 when broken down by gender and education |
|--------|--|
| | Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m². |



Overweight/obesity by education

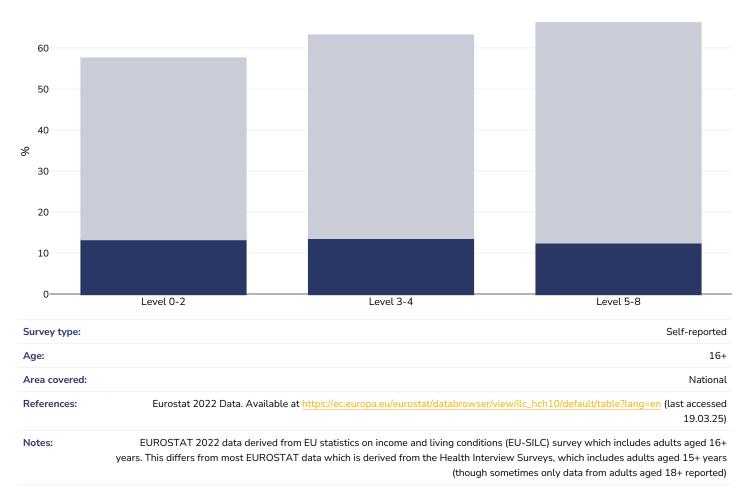
Adults, 2022





Men, 2022

Obesity Overweight

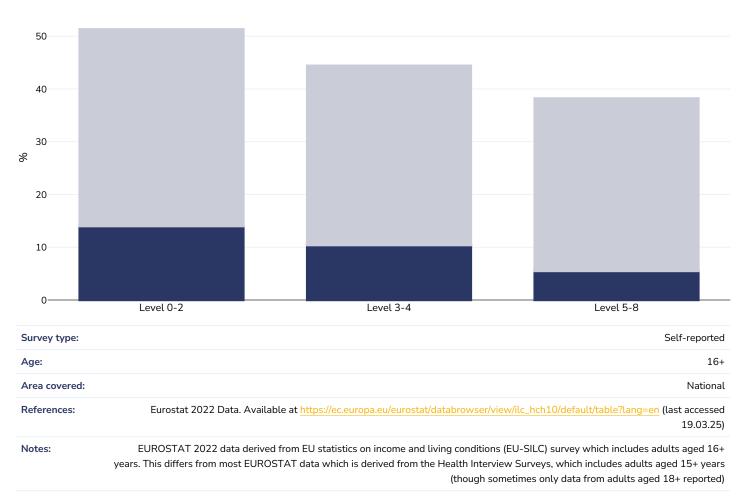






Women, 2022

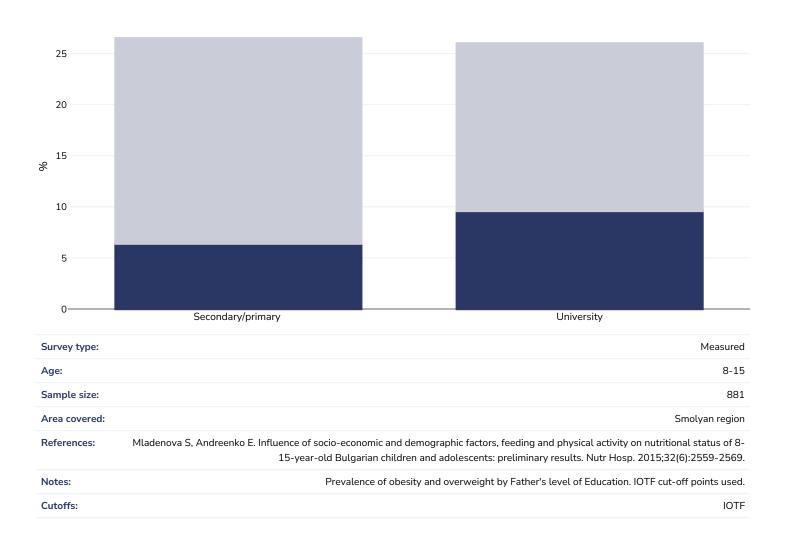






Boys, 2012-2014

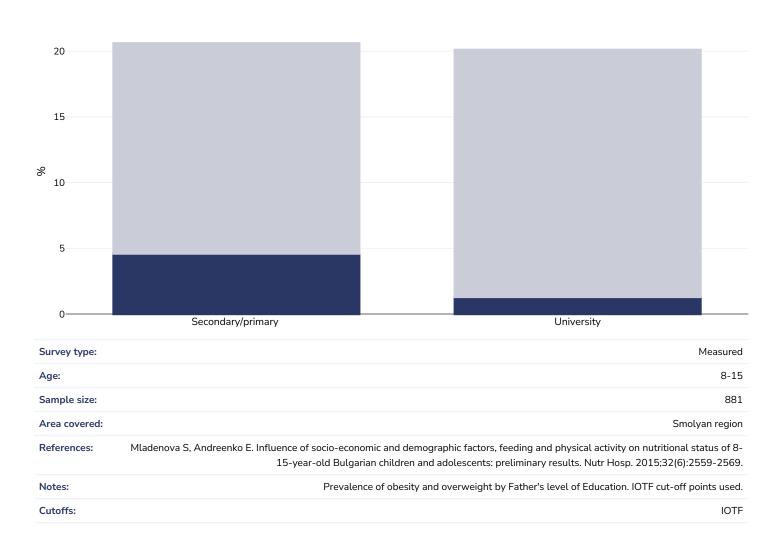
Obesity Overweight





Girls, 2012-2014

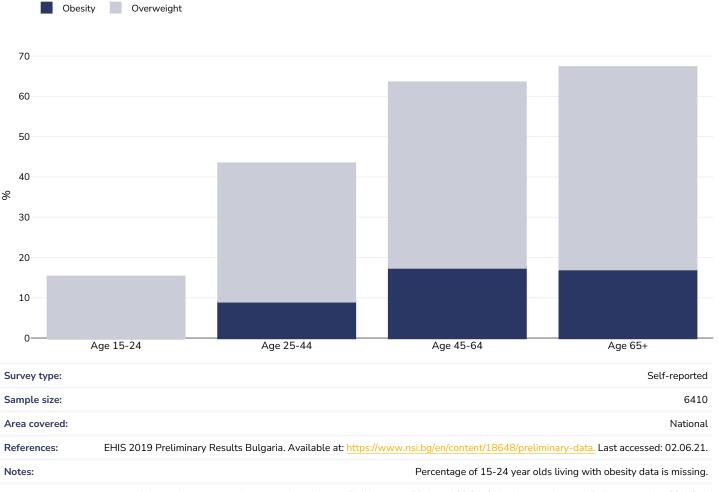
Obesity Overweight





Overweight/obesity by age

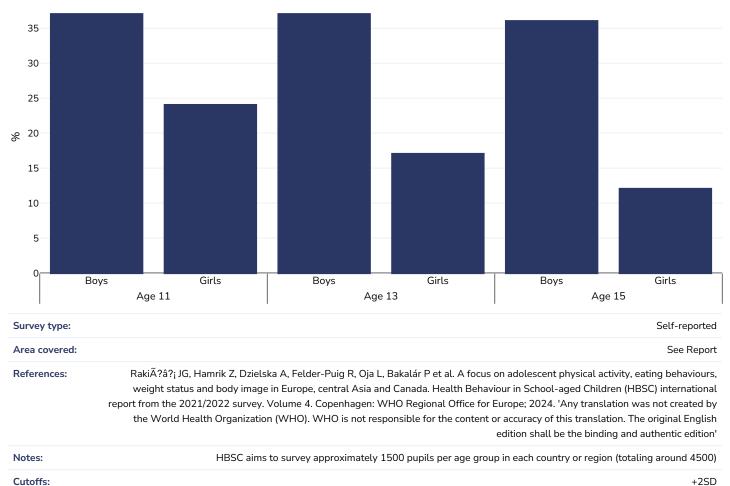
Adults, 2019-2020





Children, 2021-2022

Overweight or obesity



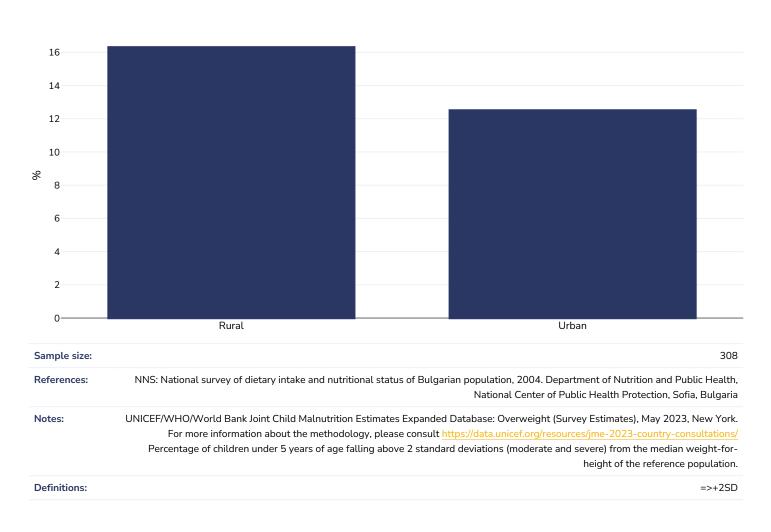
Cutoffs:



Overweight/obesity by region

0-5 years, 2004

Overweight or obesity

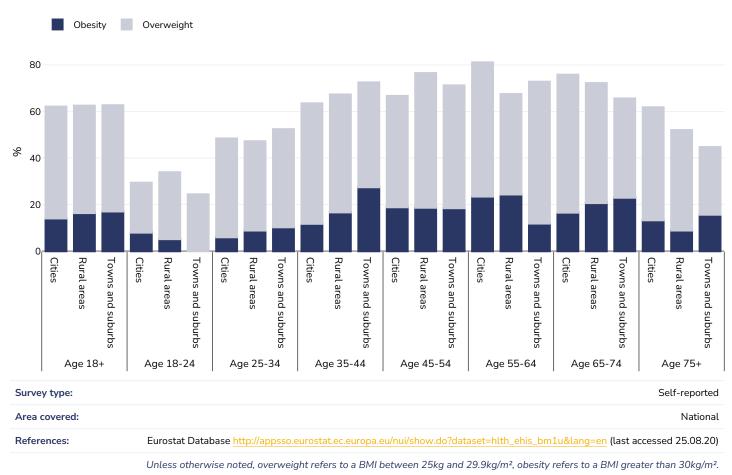


23



Overweight/obesity by age and region

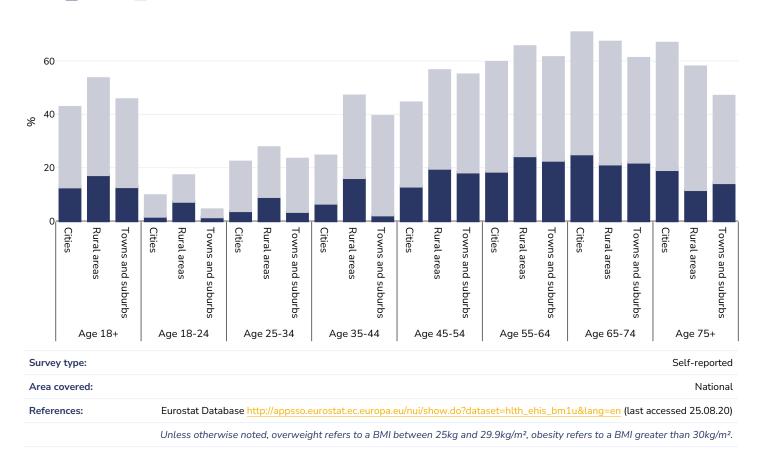
Men, 2014





Women, 2014

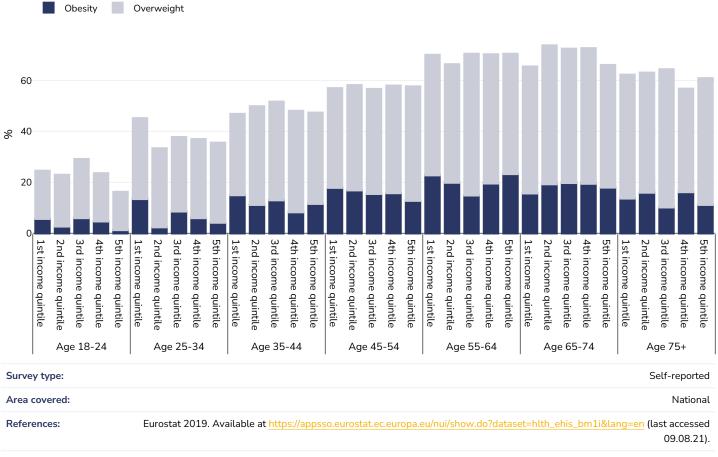
Obesity Overweight





Overweight/obesity by age and socio-economic group

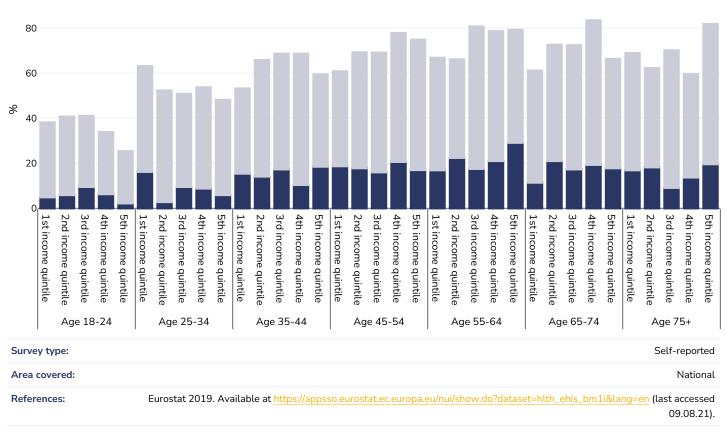
Adults, 2019





Men, 2019

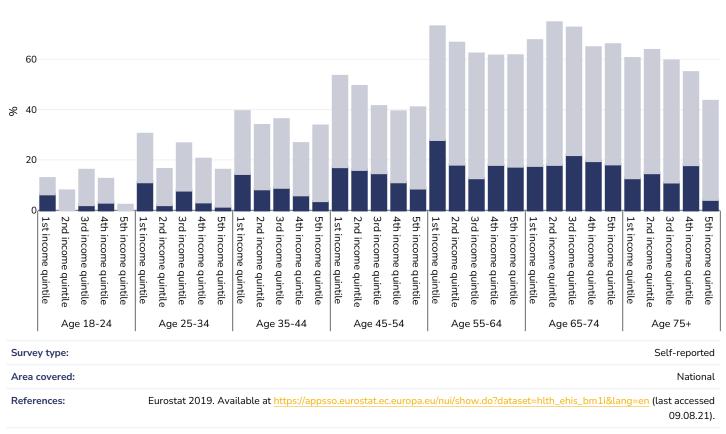
Obesity Overweight





Women, 2019

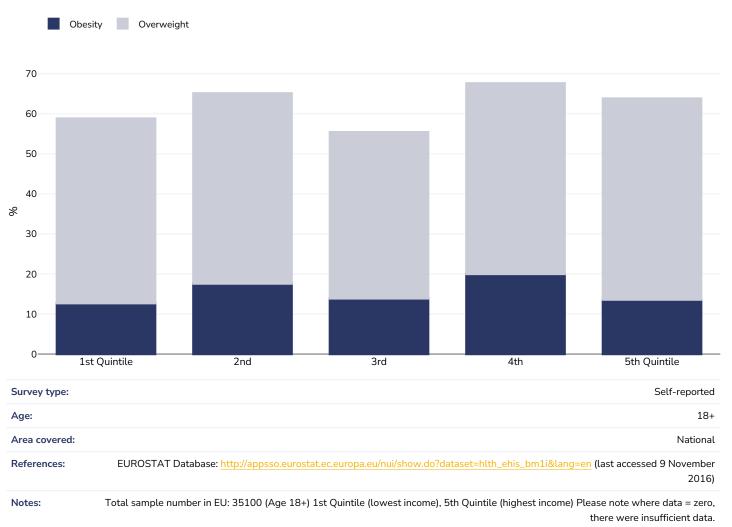
Obesity Overweight





Overweight/obesity by socio-economic group

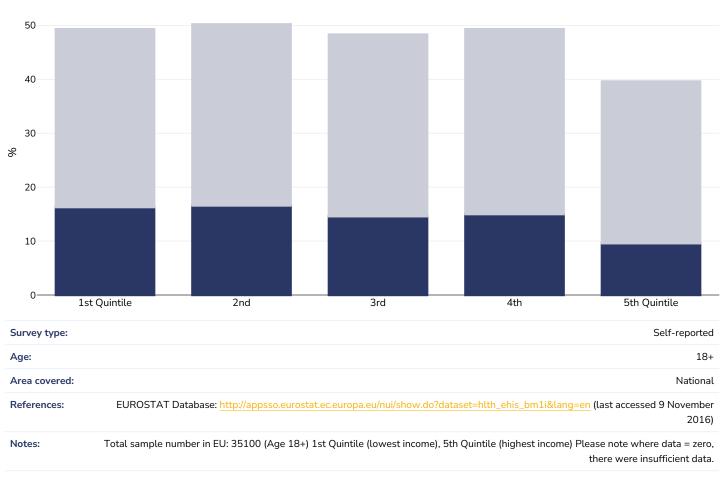
Men, 2014





Women, 2014

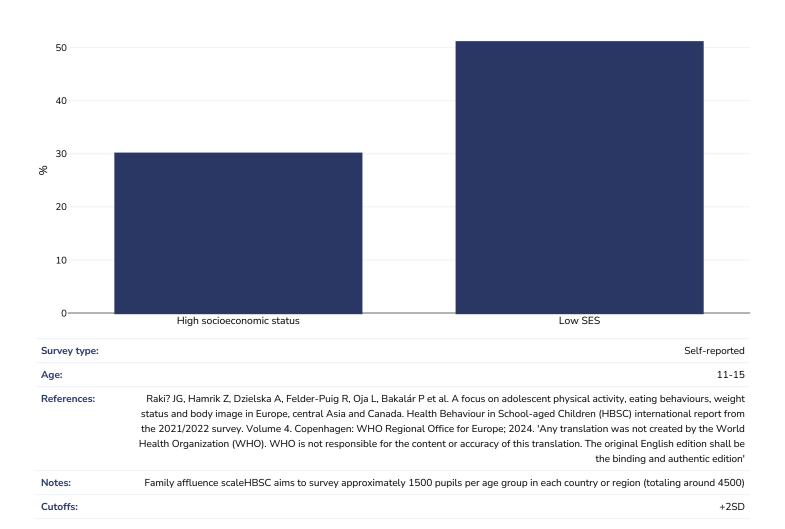






Boys, 2021-2022

Overweight or obesity

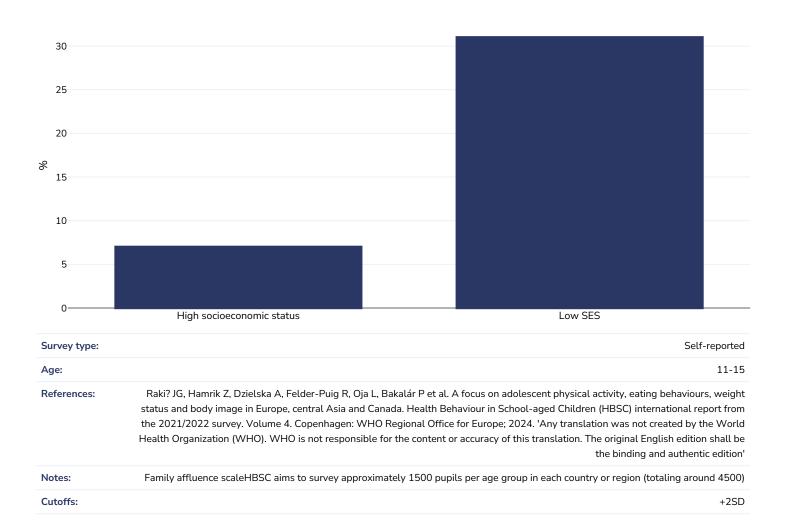






Girls, 2021-2022

Overweight or obesity





Overweight/obesity by age and limited activity

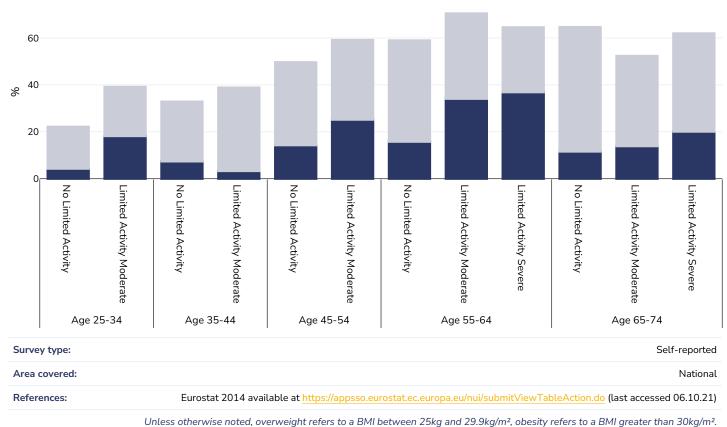
Adults, 2014

Obesity Overweight 60 40 % 20 0 No Limited Activity Limited Activity Moderate No Limited Activity Limited Activity Moderate No Limited Activity Limited Activity Moderate Limited Activity Severe No Limited Activity Limited Activity Moderate Limited Activity Severe No Limited Activity Limited Activity Moderate Limited Activity Severe Age 25-34 Age 35-44 Age 45-54 Age 55-64 Age 65-74 Survey type: Self-reported National Area covered: **References:** Eurostat 2014 available at https://appsso.eurostat.ec.europa.eu/nui/submitViewTableAction.do (last accessed 06.10.21)



Women, 2014

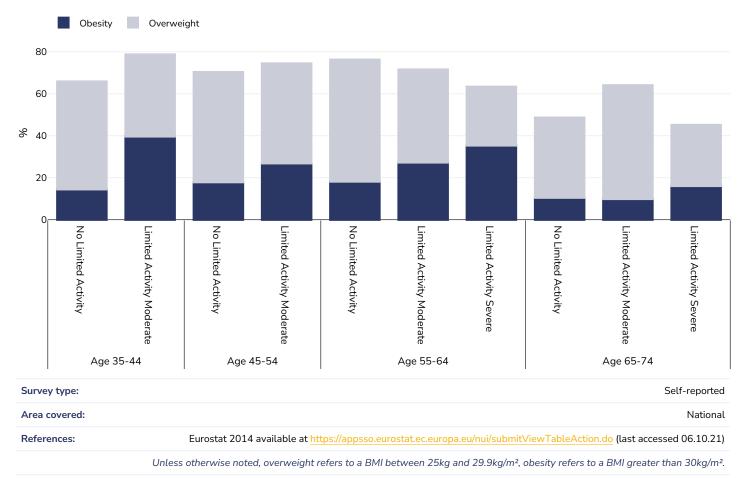
Obesity Overweight



Sincess Sunctivise noted, over weight refers to a Dim between 25kg and 25.5kg/m , obesky refers to a Dim greater data 50kg



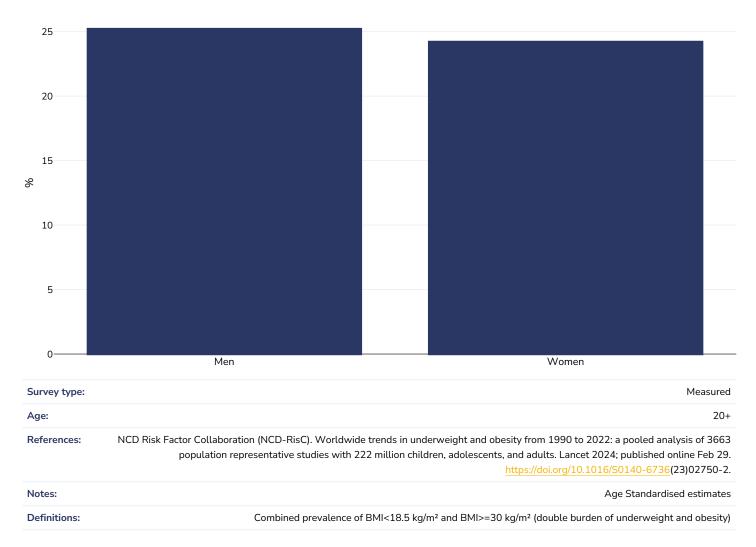
Men, 2014





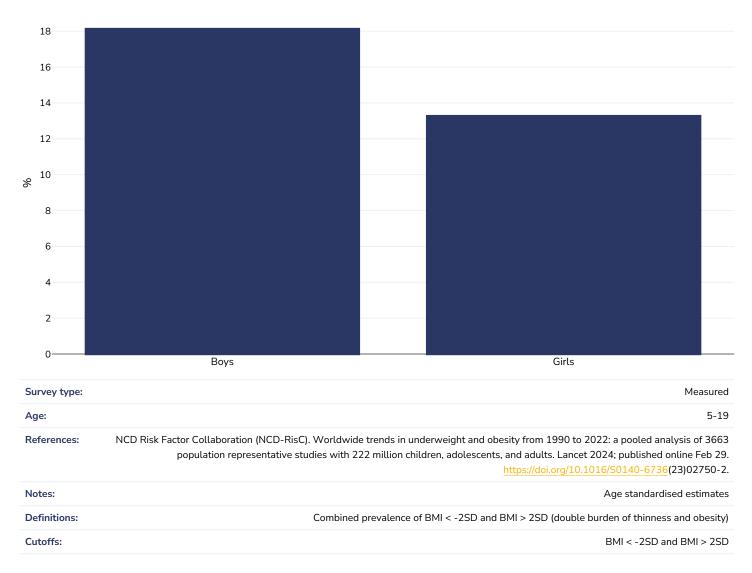
Double burden of underweight & overweight

Adults, 2022



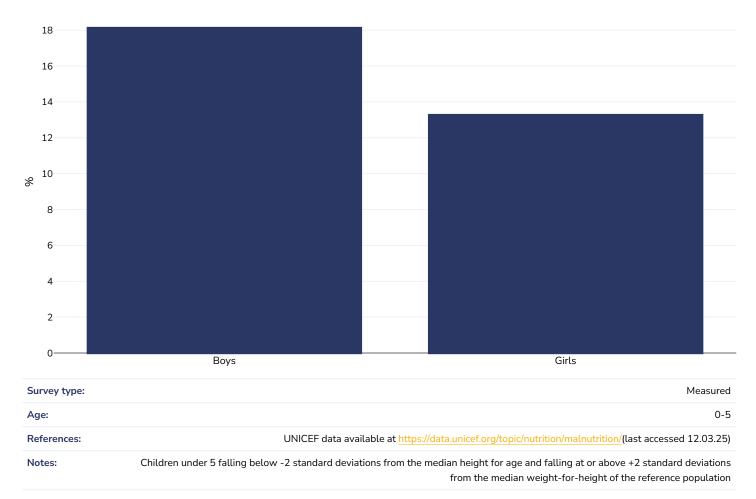


Children, 2022



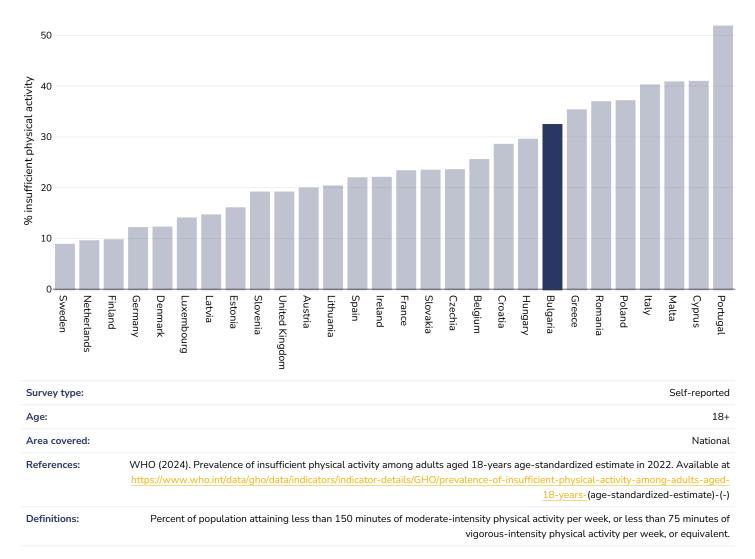


0-5 years, 2007-2007

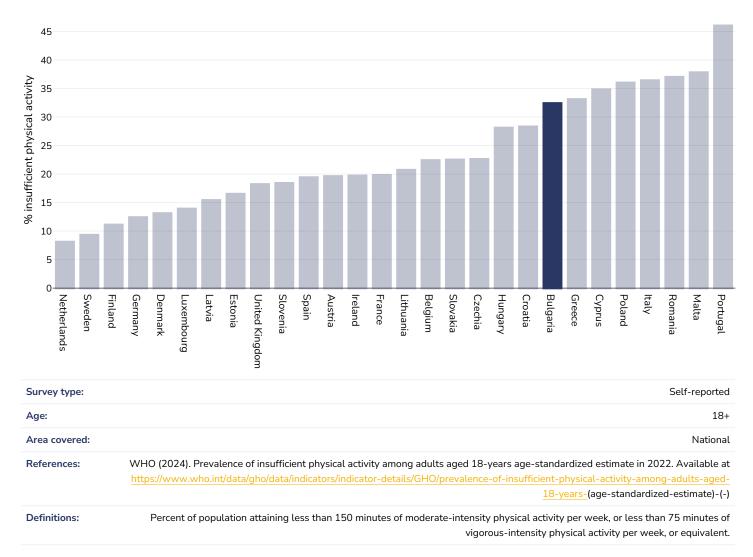




Insufficient physical activity

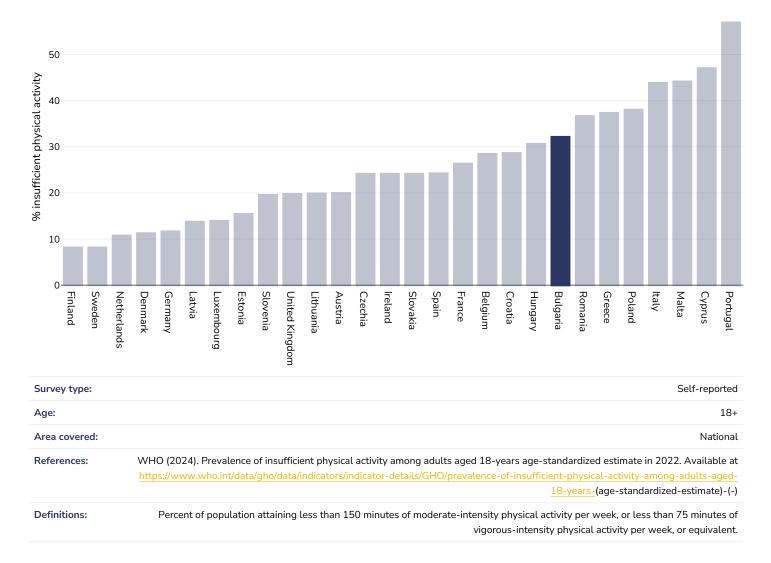


Men, 2022



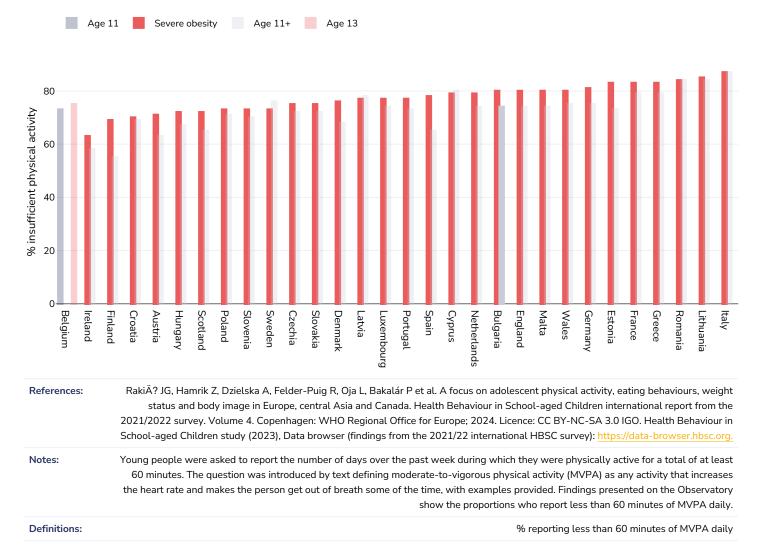


Women, 2022

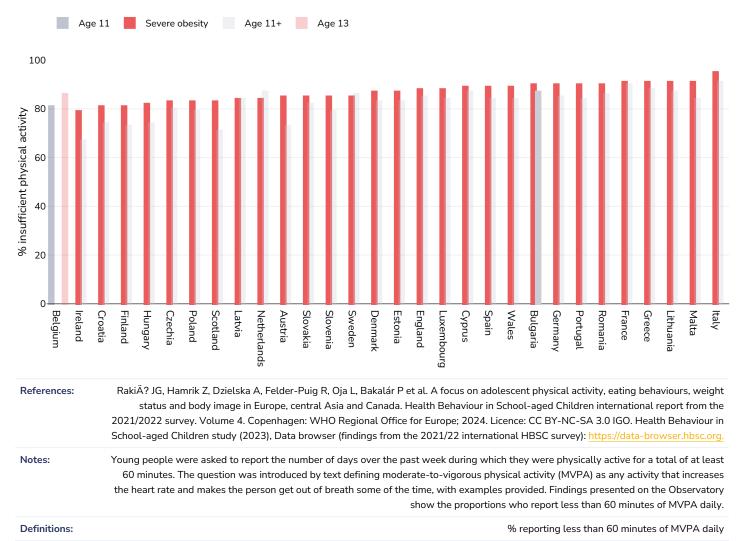




Boys, 2022

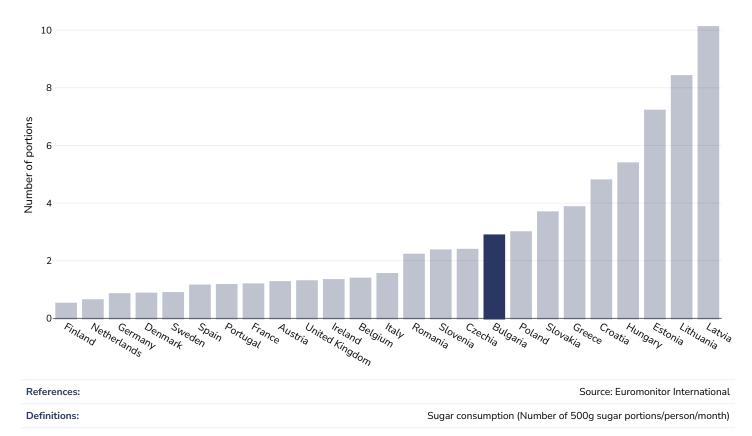


Girls, 2022





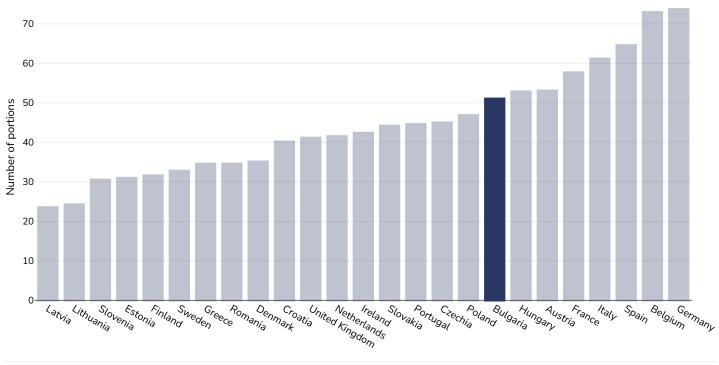
Sugar consumption





Estimated per capita sugar sweetened beverages intake

Adults, 2016



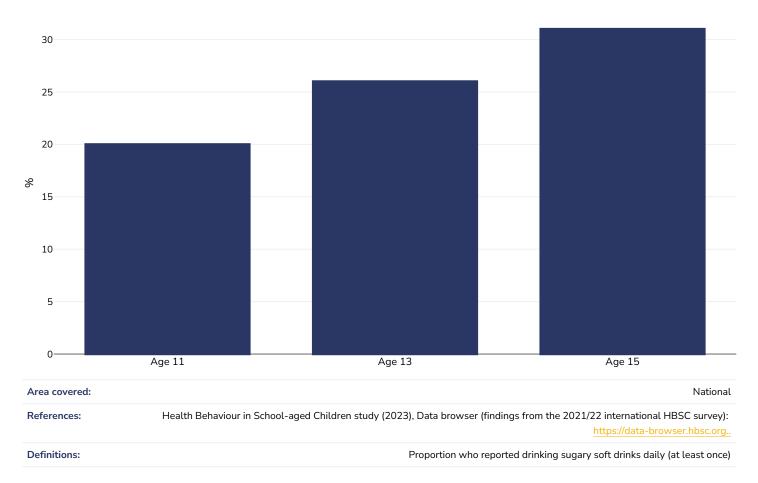
References:

Source: Euromonitor International



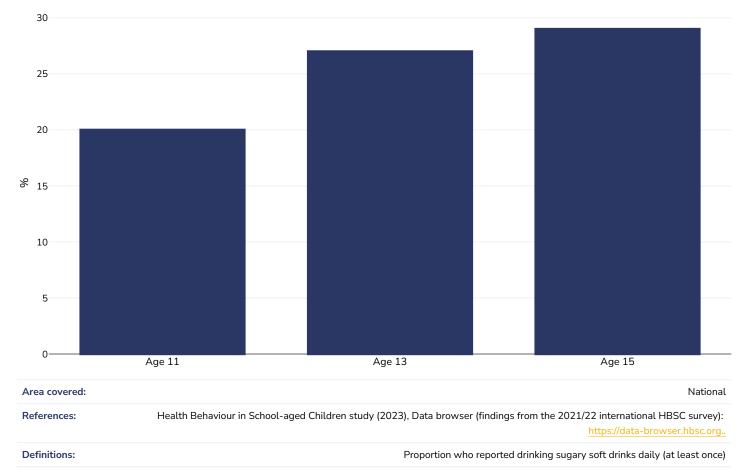
Prevalence of at least daily carbonated soft drink consumption

Boys, 2021-2022



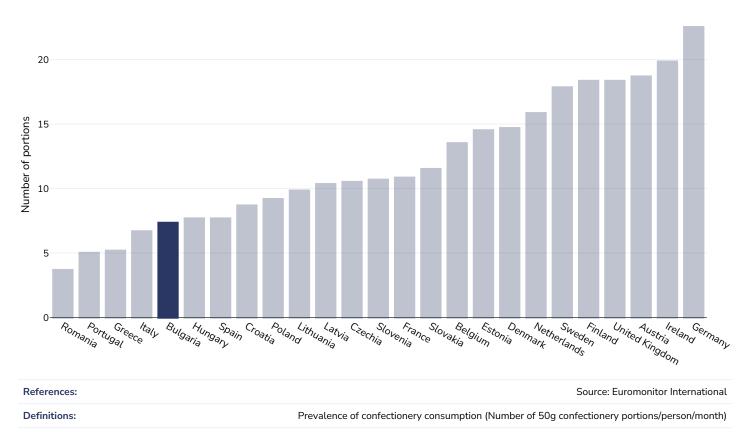


Girls, 2021-2022



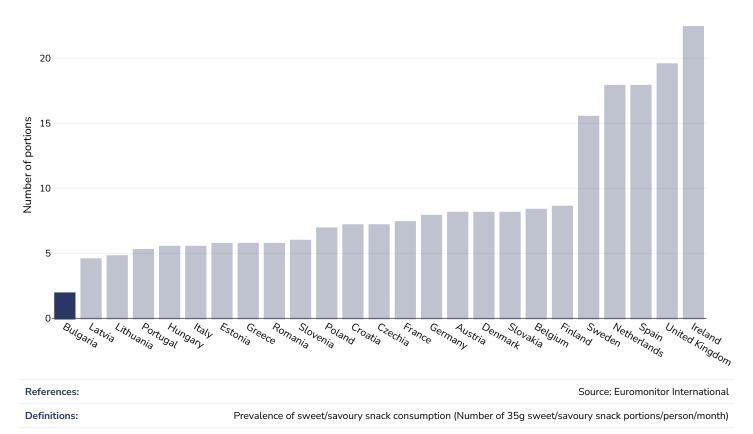


Prevalence of confectionery consumption



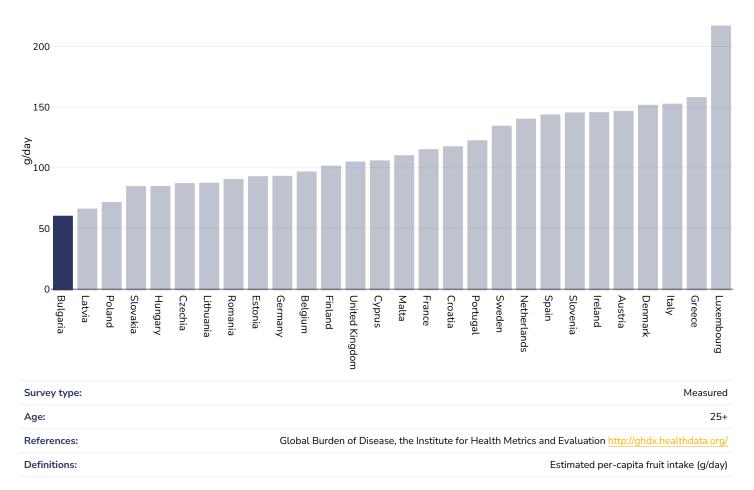


Prevalence of sweet/savoury snack consumption





Estimated per capita fruit intake

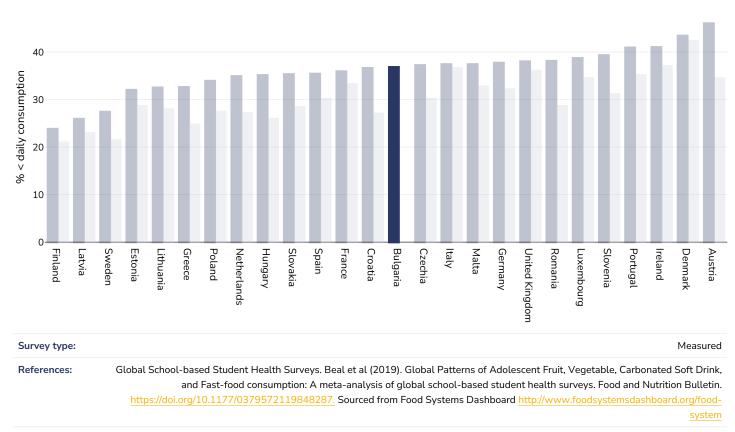




Prevalence of less than daily fruit consumption

Children, 2014

Age 12-17 Age 15



Definitions:

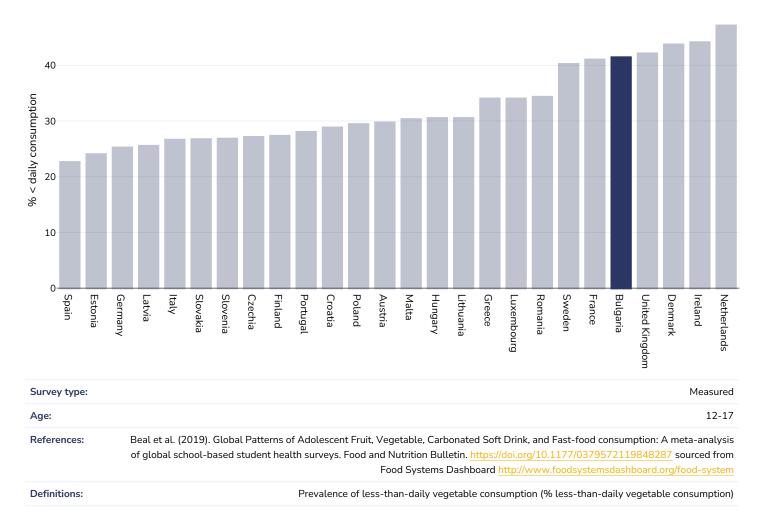
Prevalence of less-than-daily fruit consumption (% less-than-daily fruit consumption)





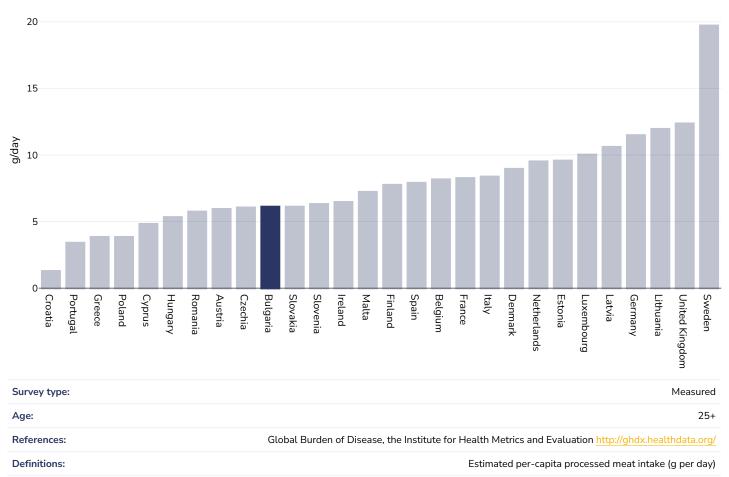
Prevalence of less than daily vegetable consumption

Children, 2014



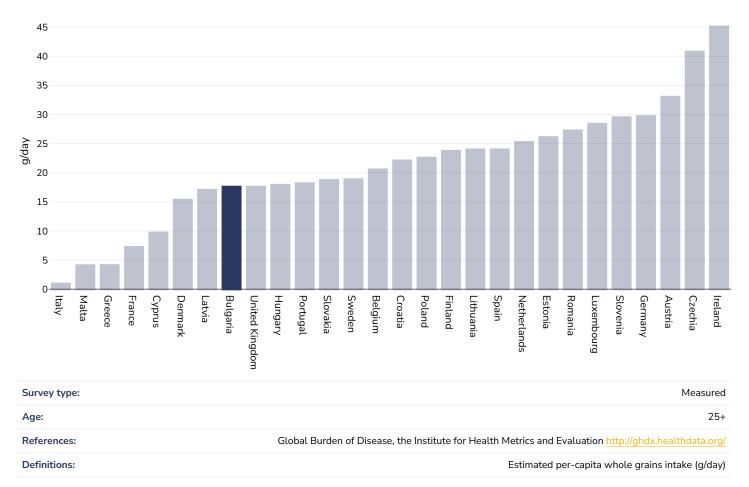


Estimated per-capita processed meat intake



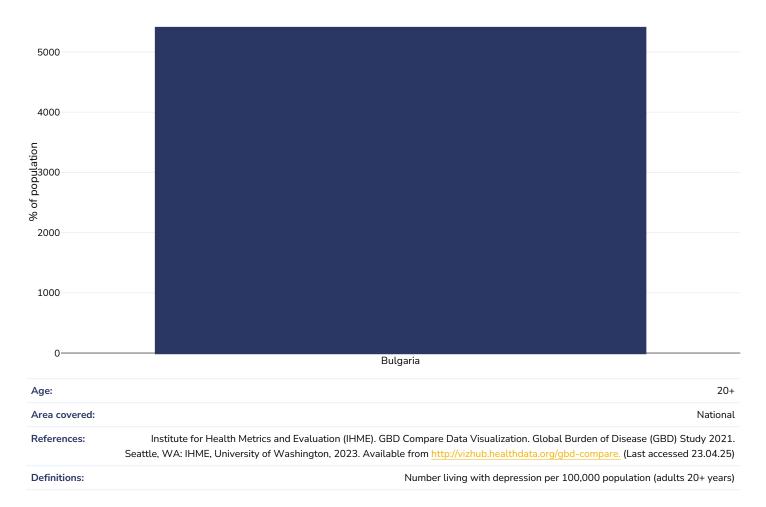


Estimated per capita whole grains intake





Mental health - depression disorders





Men, 2021

| 3500 | | |
|----------------------|--|--|
| | | |
| | | |
| 3000 | | |
| | | |
| | | |
| 2500 | | |
| | | |
| ion | | |
| 12000 | | |
| opi | | |
| of p | | |
| 0000 population 1500 | | |
| | | |
| 1000 | | |
| 1000 | | |
| | | |
| 500 | | |
| 300 | | |
| | | |
| 0 | | |
| | Bulgaria | |
| Age: | 20+ | |
| | | |
| Area covered: | National | |
| References: | Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021. | |
| | Seattle, WA: IHME, University of Washington, 2023. Available from http://vizhub.healthdata.org/gbd-compare . (Last accessed 23.04.25) | |
| Definitions: | Number living with depression per 100,000 population (adults 20+ years) | |

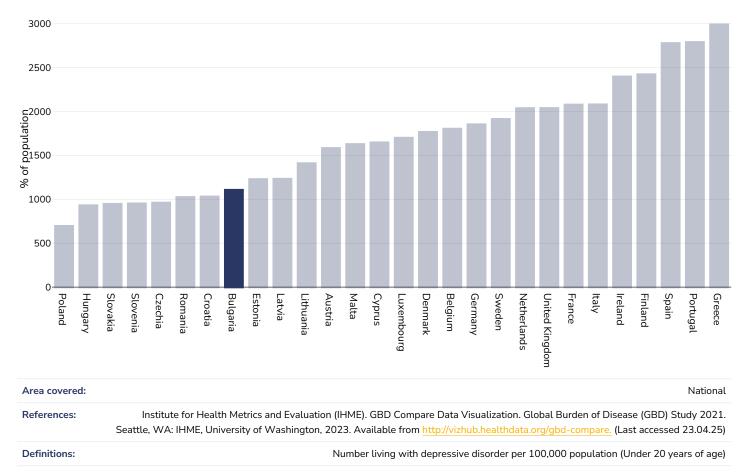


Women, 2021

| 7000 | | |
|---------------|--|--|
| 7000 | | |
| | | |
| 6000 | | |
| | | |
| 5000 | | |
| 5000 | | |
| of population | | |
| 154000 | | |
| dod | | |
| of | | |
| 83000 | | |
| | | |
| 2000 | | |
| | | |
| | | |
| 1000 | | |
| | | |
| 0 | | |
| | Bulgaria | |
| Age: | 20+ | |
| Area covered: | National | |
| References: | Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021. | |
| | Seattle, WA: IHME, University of Washington, 2023. Available from http://vizhub.healthdata.org/gbd-compare . (Last accessed 23.04.25) | |
| Definitions: | Number living with depression per 100,000 population (adults 20+ years) | |

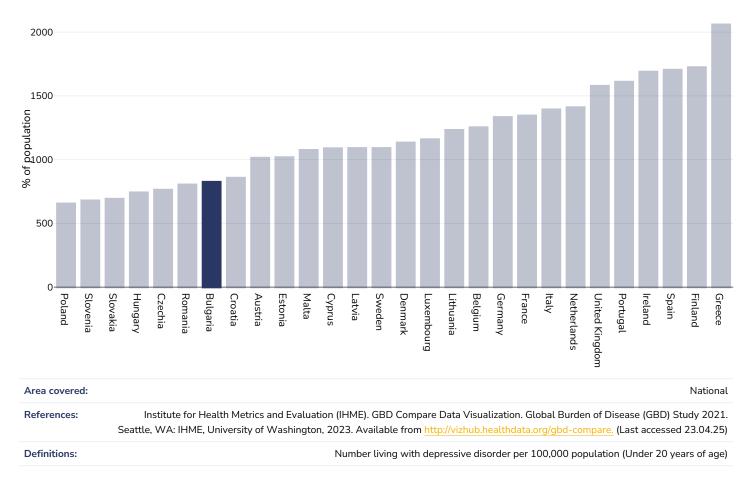


Children, 2021

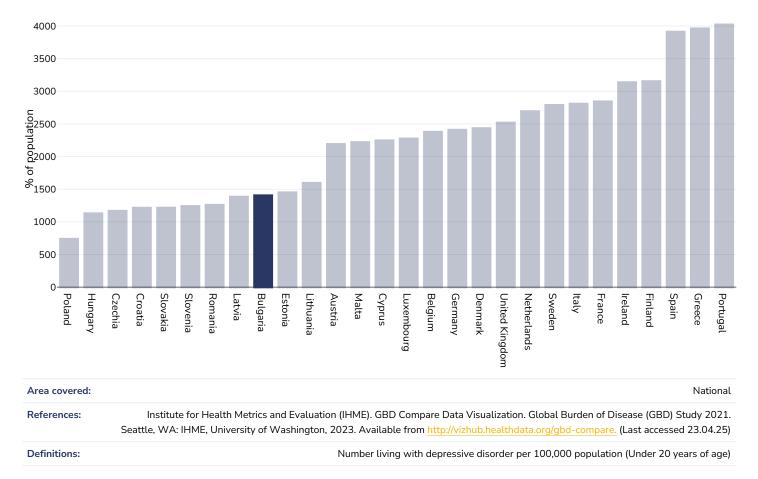




Boys, 2021

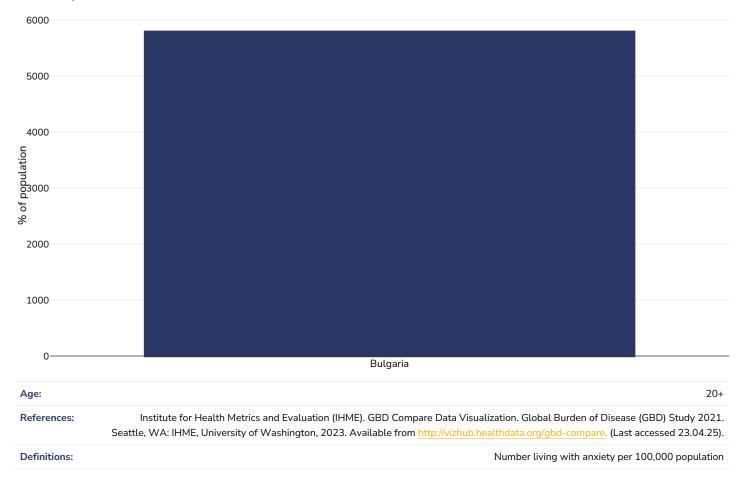


Girls, 2021



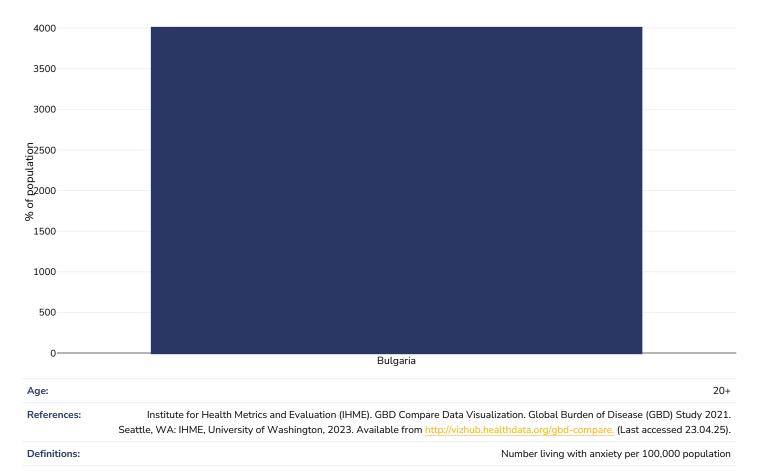


Mental health - anxiety disorders





Men, 2021

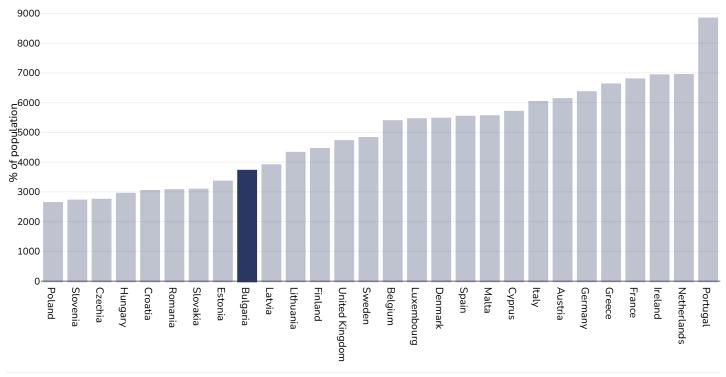




Women, 2021

| 7000 | | |
|---|---|-----|
| 6000 | | |
| 5000 | | |
| pulation | | |
| of population % of population | | |
| 2000 | | |
| 1000 | | |
| 0 | Bulgaria | |
| | Dutgana | |
| Age: | | 20+ |
| References: | Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021. Seattle, WA: IHME, University of Washington, 2023. Available from <u>http://vizhub.healthdata.org/gbd-compare</u> . (Last accessed 23.04.25). | |
| Definitions: | Number living with anxiety per 100,000 population | |

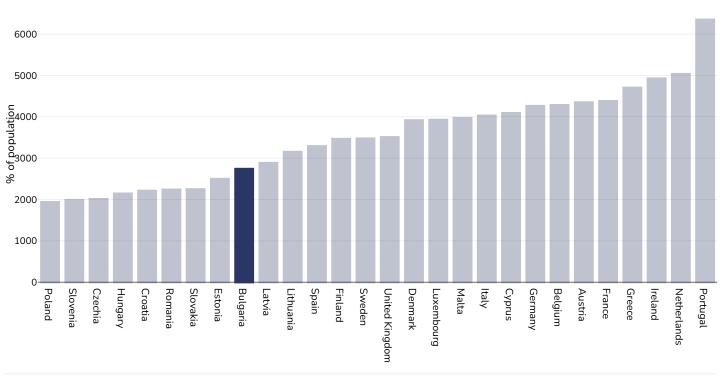
Children, 2021



Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021. Seattle, WA: IHME, University of Washington, 2023. Available from http://vizhub.healthdata.org/gbd-compare. (Last accessed 23.04.25)

Boys, 2021

References:

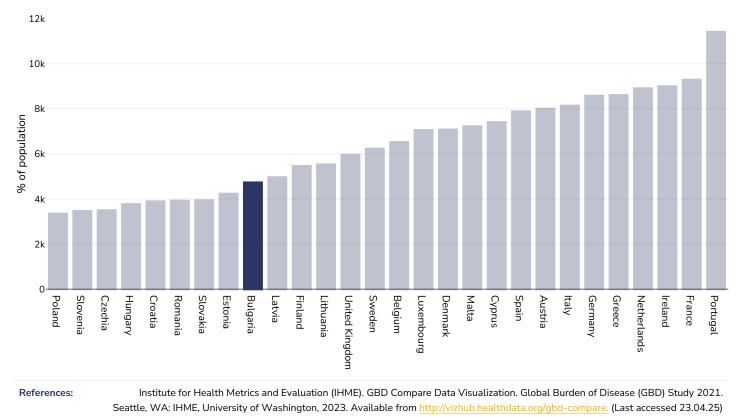


References:

Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021. Seattle, WA: IHME, University of Washington, 2023. Available from http://vizhub.healthdata.org/gbd-compare. (Last accessed 23.04.25)

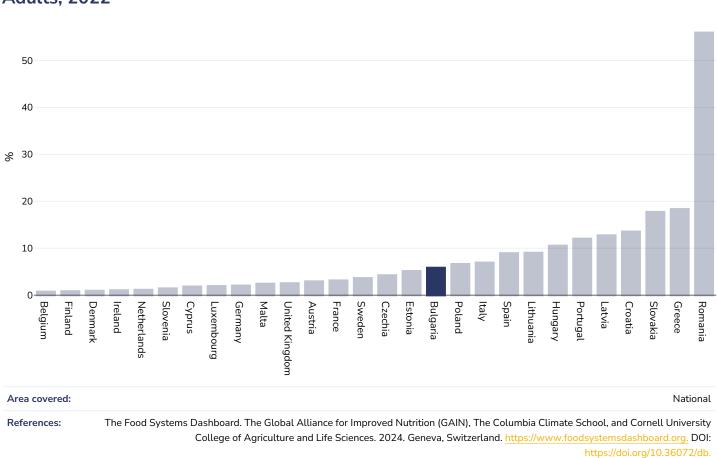


Girls, 2021





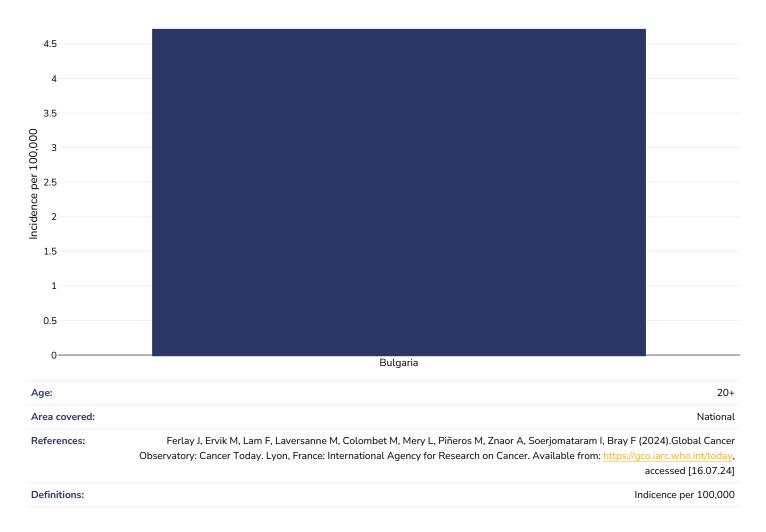
Percent of population who cannot afford a healthy diet





Oesophageal cancer

Men, 2022





Women, 2022

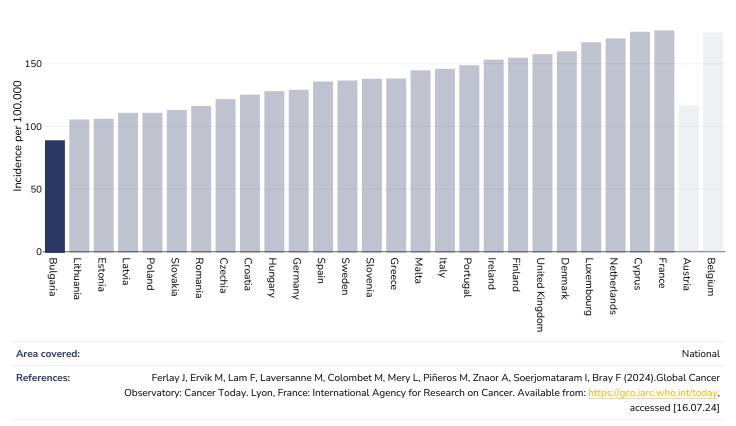
| 0.9 | |
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| | |
| 0.1 | |
| | |
| 0 | |
| | Bulgaria |
| Age: | 20+ |
| Age. | 201 |
| Area covered: | National |
| References: | Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024).Global Cancer |
| | Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: https://gco.iarc.who.int/today, |
| | accessed [16.07.24] |
| | |
| Definitions: | Indicence per 100,000 |



Breast cancer

Women, 2022

Age 20 Age 20+



Definitions:

Incidence per 100,000



Colorectal cancer

Men, 2022





Women, 2022

| 35 | | |
|----------------------------|---|---------------------|
| 30 | | |
| 50 | | |
| 0 25 | | |
| 100,(| | |
| 20 O | | |
| 25 20 20 15 15 | | |
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| 0 | Bulgaria | |
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| Age: | | 20+ |
| Area covere | 1: | National |
| References: | Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2 | |
| | Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <u>https://gcc</u> a | accessed [16.07.24] |
| Definitions: | Inc | idence per 100,000 |



Pancreatic cancer

Men, 2022

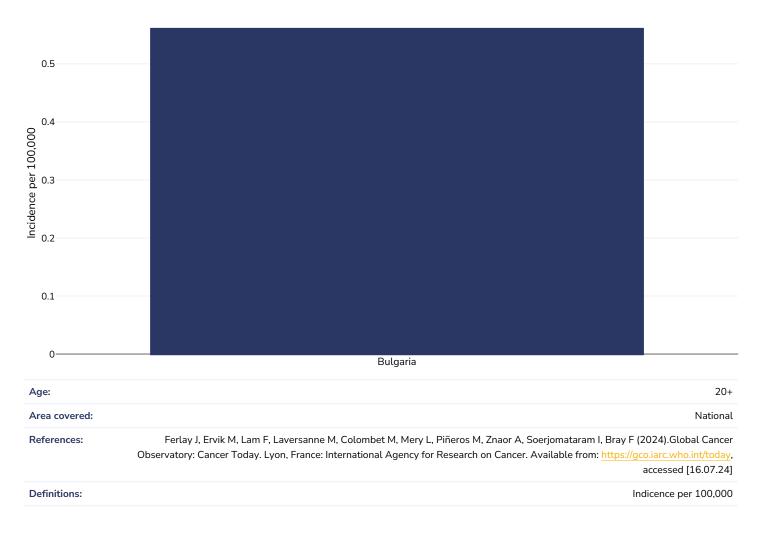








Gallbladder cancer

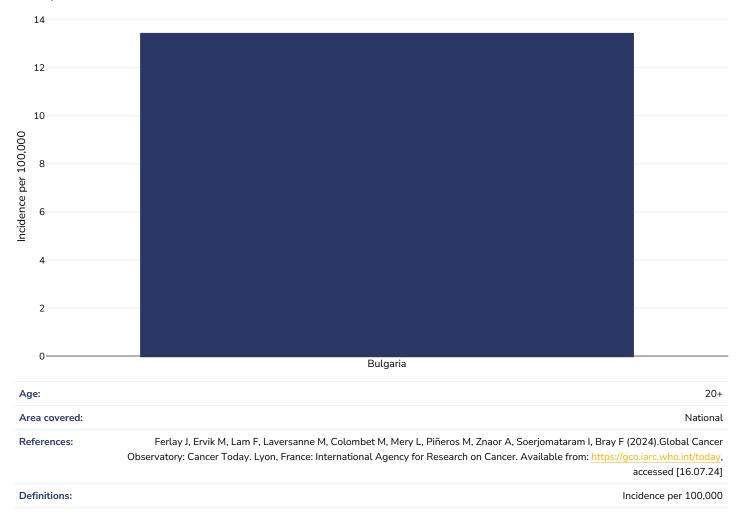




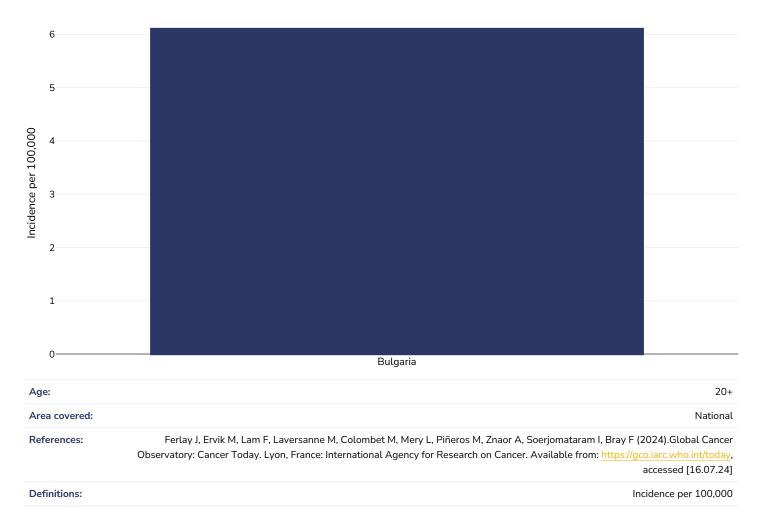




Kidney cancer









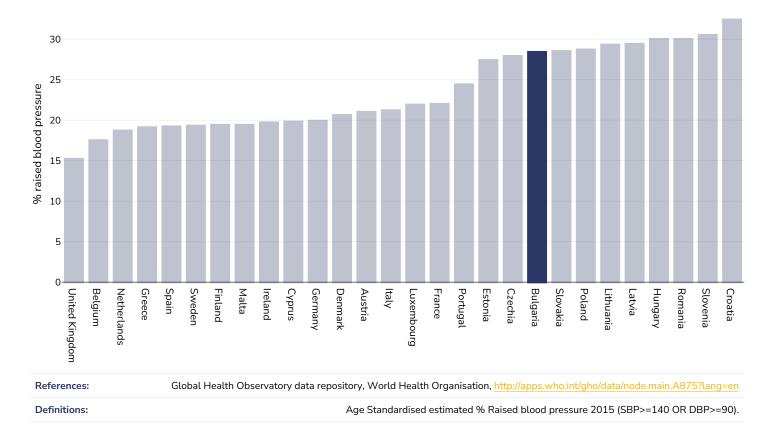
Cancer of the uterus

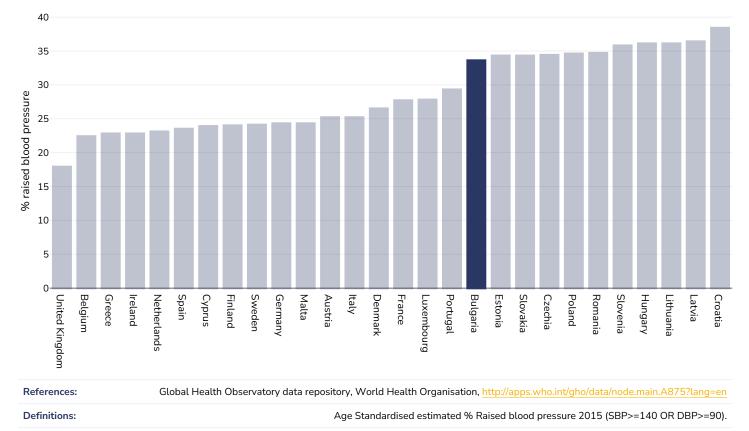




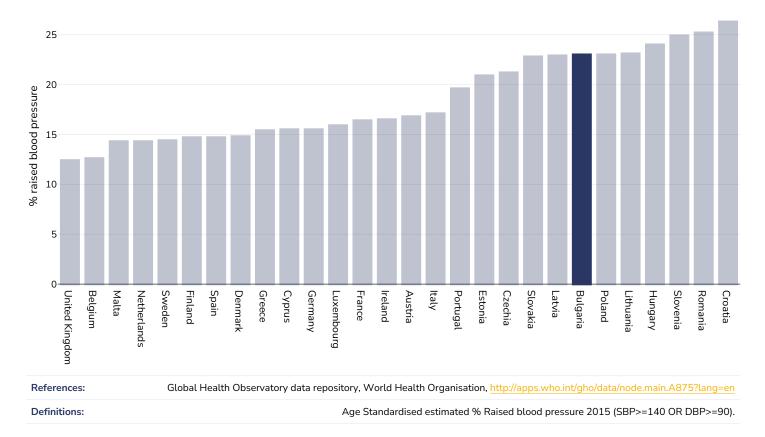
Raised blood pressure

Adults, 2015





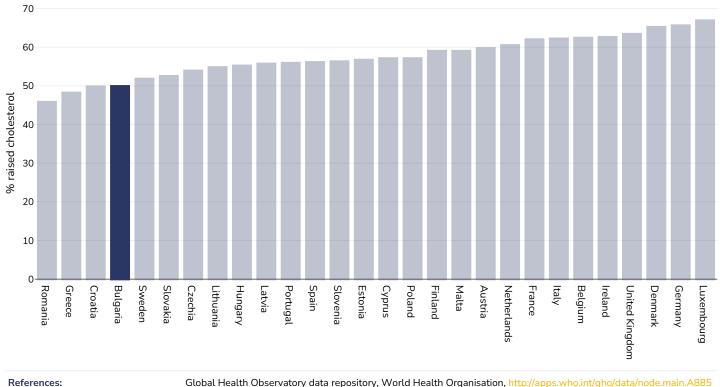






Raised cholesterol

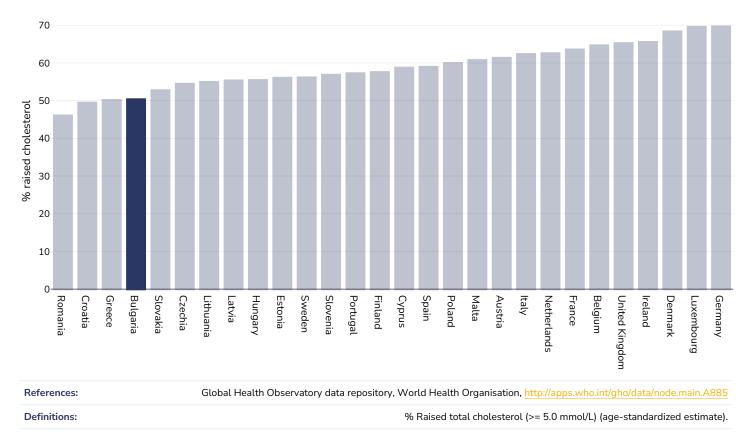
Adults, 2008



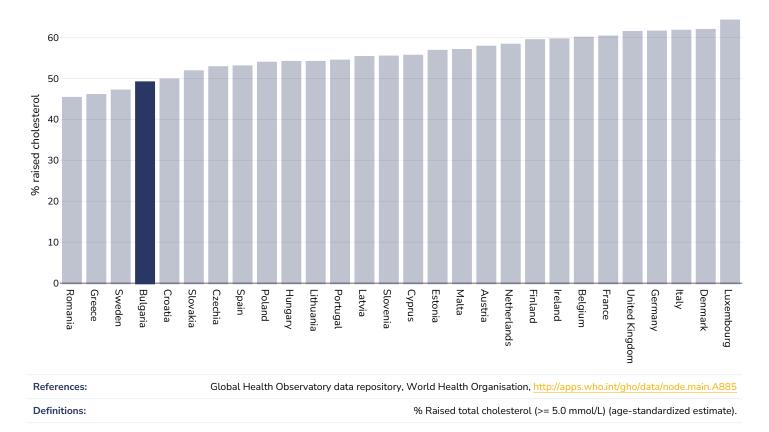
Definitions:

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

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



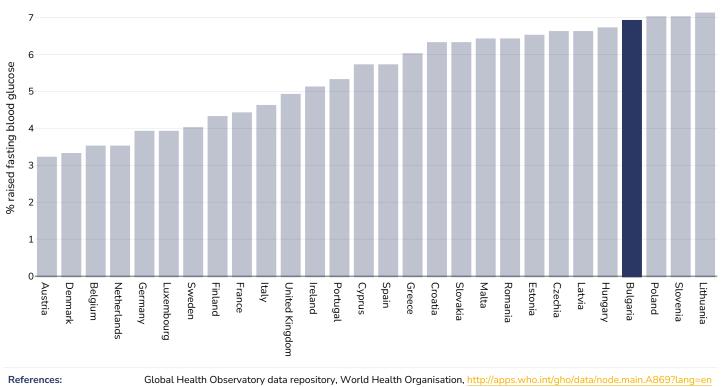






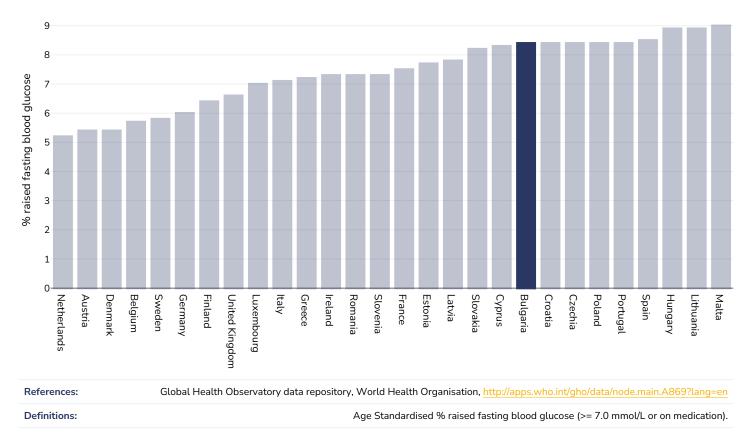
Raised fasting blood glucose

Men, 2014



Definitions:

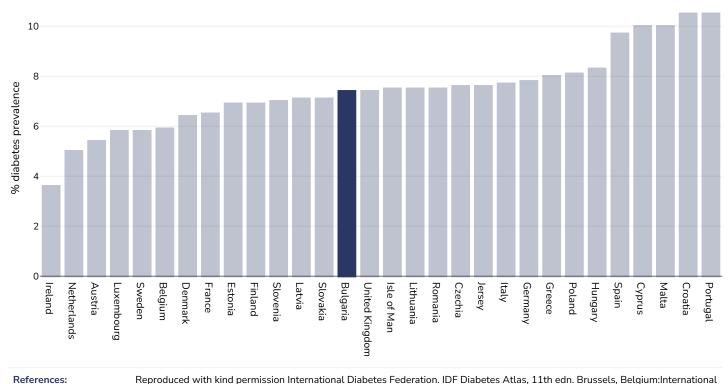
Age Standardised % raised fasting blood glucose (>= 7.0 mmol/L or on medication).





Diabetes prevalence

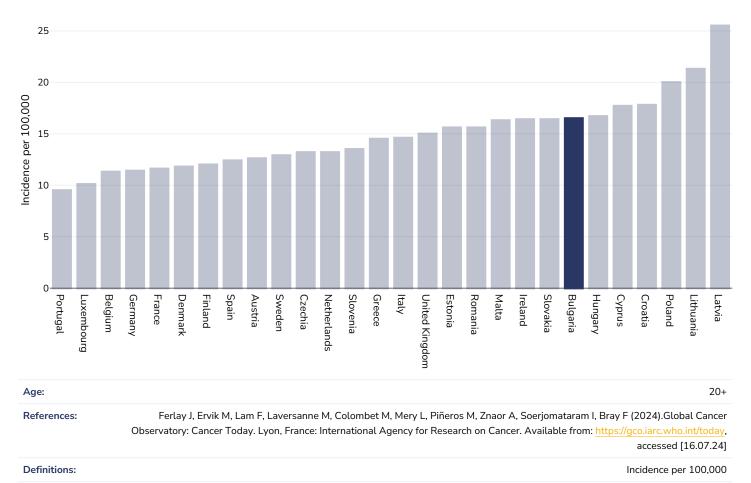
Adults, 2024



Reproduced with kind permission International Diabetes Federation. IDF Diabetes Atlas, 11th edn. Brussels, Belgium:International Diabetes Federation, 2025. <u>http://www.diabetesatlas.org</u>



Ovarian Cancer





Leukemia

| Men, 2022 | | | | | | | | | | | |
|-----------------------|--|-----------------------|-------------------------|---------------------|----------------------|------------------------|------------|--|--|--|--|
| 4 | | | | | | | | | | | |
| 3 | | | | | | | | | | | |
| 2 | | | | | | | | | | | |
| 1 | | | | | | | | | | | |
| 0 | | | | | | | | | | | |
| -1_1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | | | | |
| Age: Area covered: | | | | | | | 20+ | | | | |
| References: | National Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024).Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <u>https://gco.iarc.who.int/today</u> , accessed [16.07.24] | | | | | | | | | | |
| Definitions: | | | | | | Incidence p | er 100,000 | | | | |
| | Unless ot | therwise noted, overw | eight refers to a BMI b | between 25kg and 29 | 9ka/m² obesity refer | s to a BMI greater tha | n 30ka/m². | | | | |

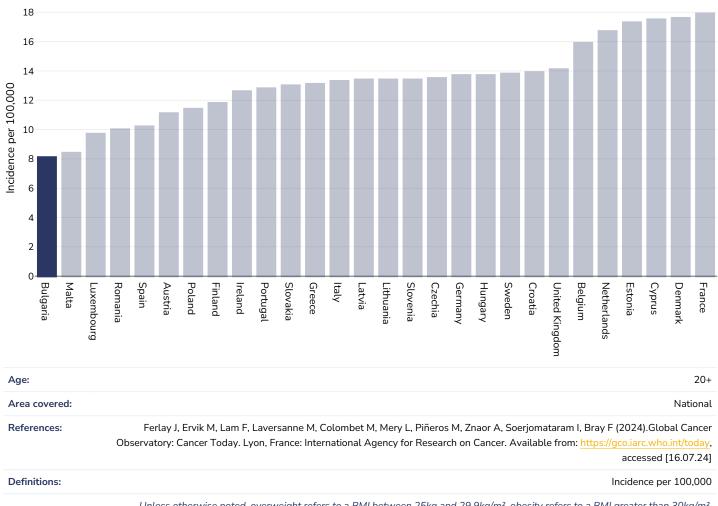


| 4 | | | | | | | |
|-----------------------|-------------|--------------------|-----------------------|--------------------|--|-----------------------|------------------------------------|
| 3 | | | | | | | |
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| 1 | | | | | | | |
| 0 | | | | | | | |
| -1 -1 | | | | | | | |
| _ | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| Age: Area covered: | | | | | | | 20+ National |
| References: | | | | | Znaor A, Soerjomataran n Cancer. Available fron | | oal Cancer . <u>int/today</u> , |
| Definitions: | | | | | | Incidence pe | r 100,000 |
| | Unless othe | rwise noted, overw | eight refers to a BMI | between 25kg and 2 | 9.9kg/m², obesity refers | to a BMI greater thar | 1 30kg/m². |



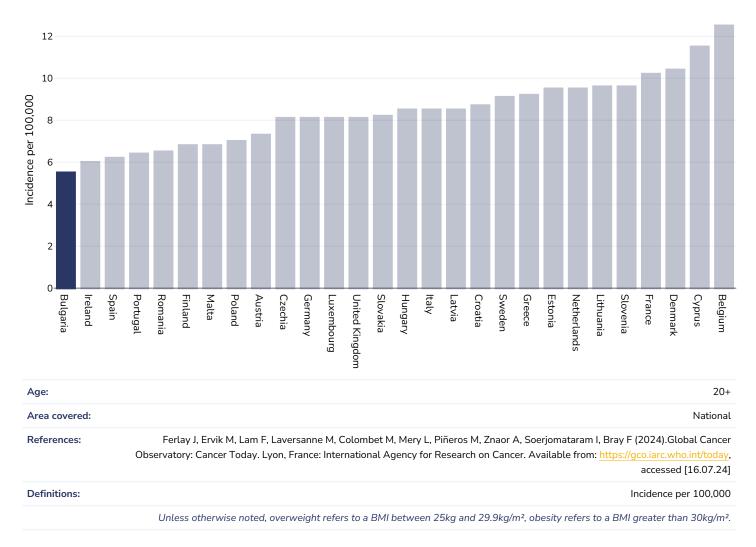
Leukemia

Men, 2022



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

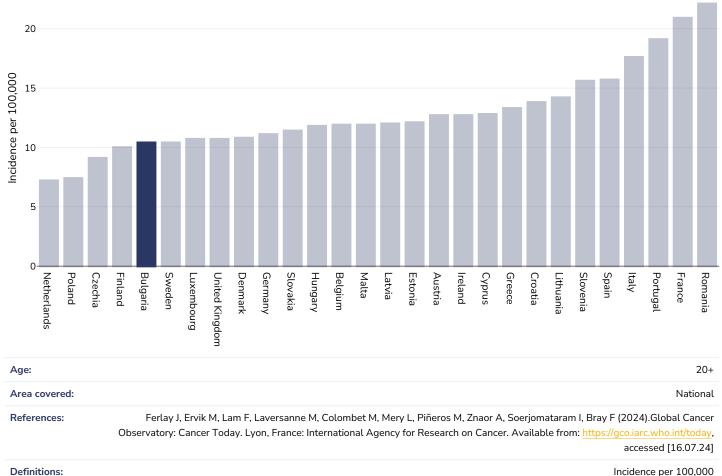






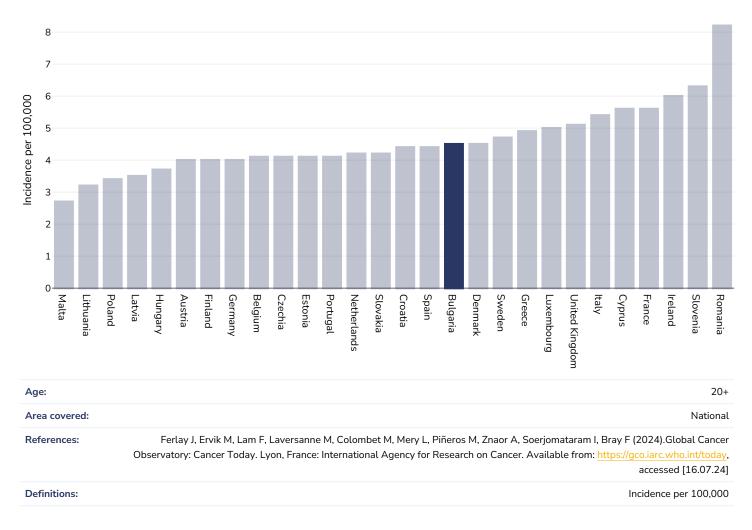
Liver and intrahepatic bile duct Cancer





Incidence per 100,000

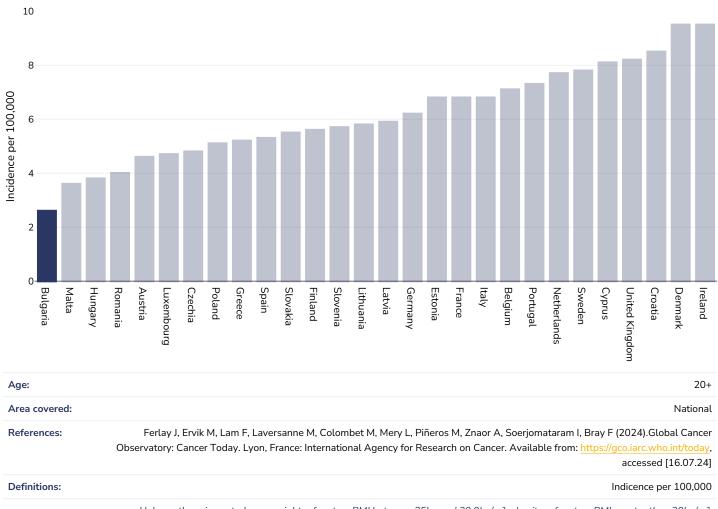






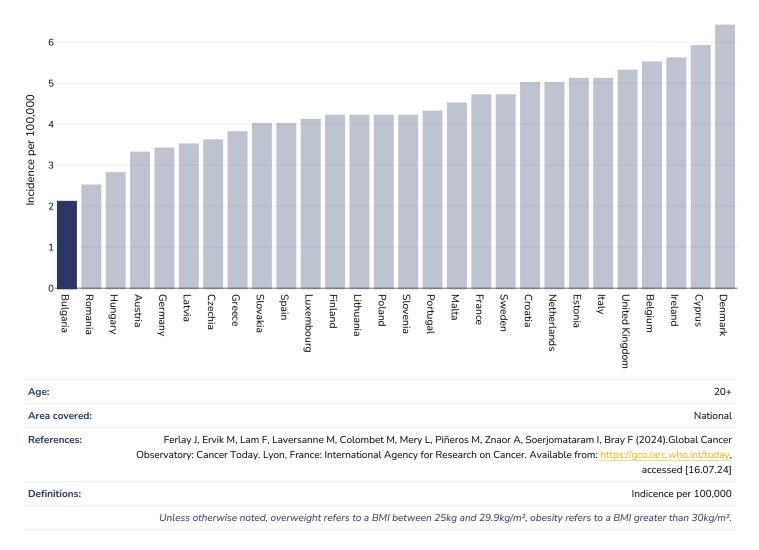
Multiple Myeloma

Men, 2022



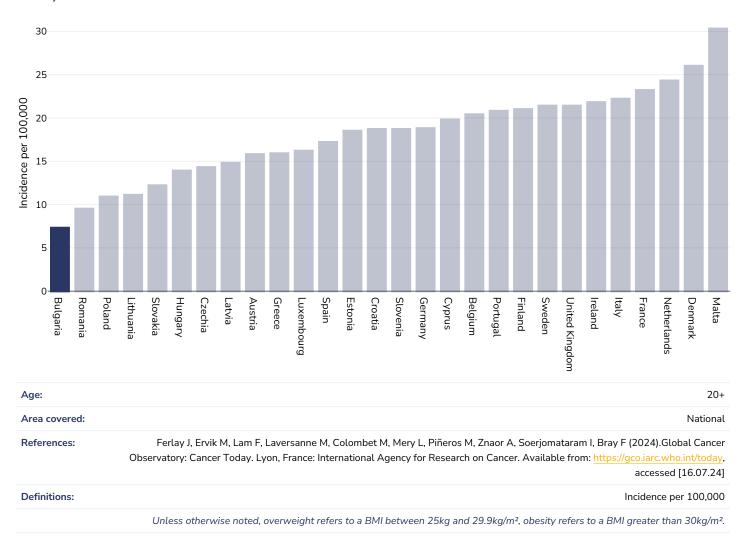
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



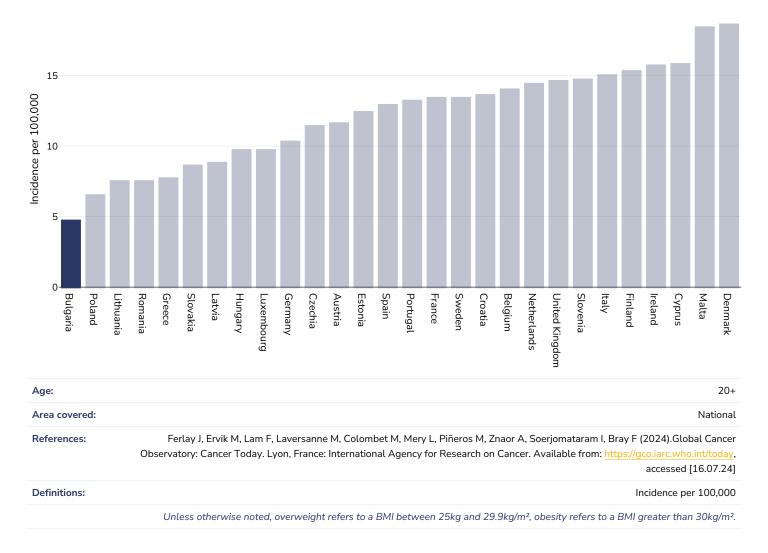




Non Hodgkin Lymphoma

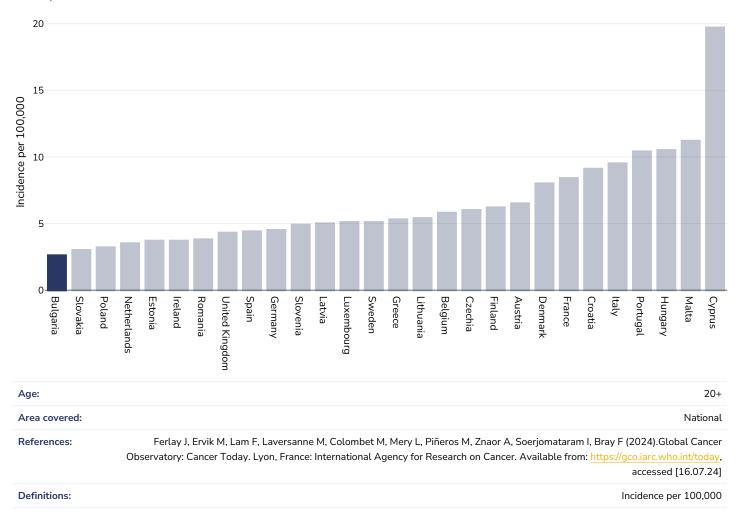




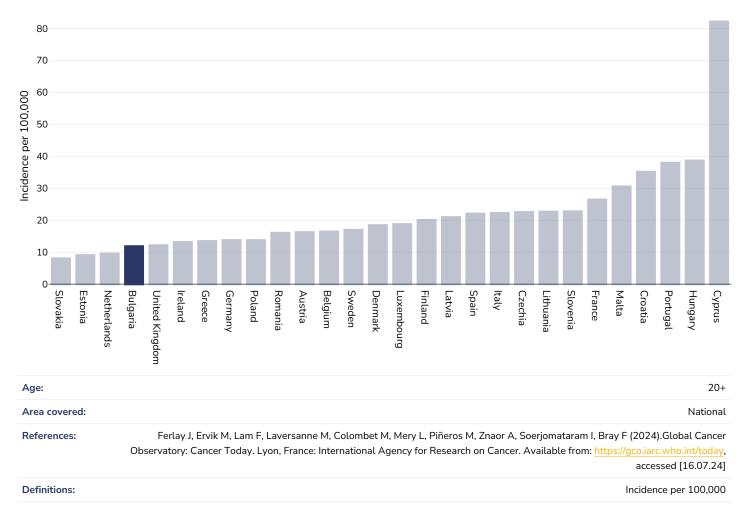




Thyroid Cancer







PDF created on June 25, 2025