



Kazakhstan



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/kazakhstan-111/>.

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National obesity risk *7/10 This is a composite obesity risk score (out of 10, the highest risk) based on obesity prevalence, rate of increase, likelihood of meeting the 2025 target, treatment indicator and childhood stunting levels. **Childhood obesity risk *5.5/11** This is a risk score for each country's likelihood of having or acquiring a major childhood obesity problem during the 2020s, taking account of current prevalence levels and risk for future obesity (based on stunting among infants, maternal obesity, maternal smoking, and breastfeeding rates).

* Based on estimated data. For more information see Publications

Obesity prevalence

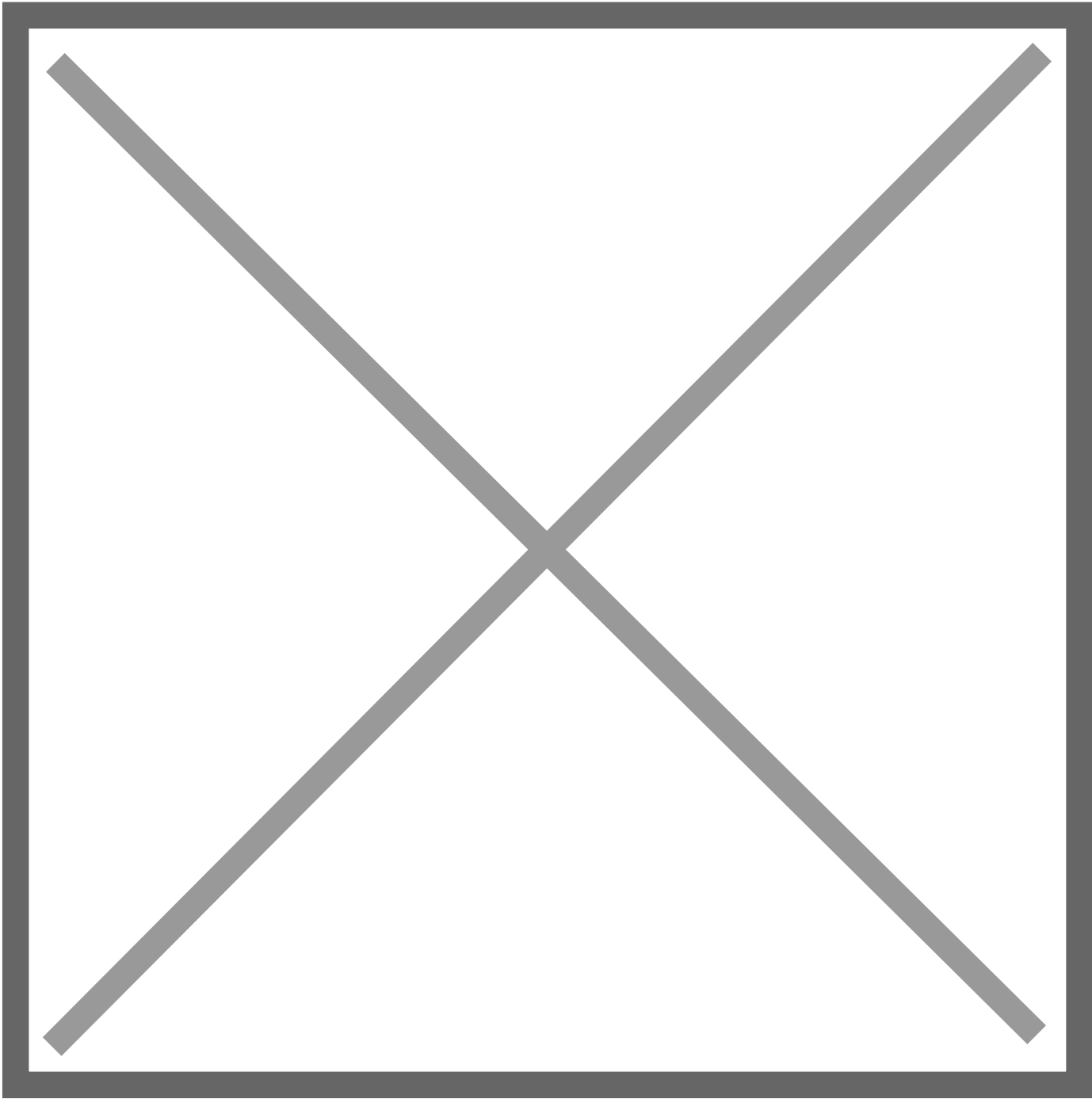
Adults, 2012



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, 2022-2024

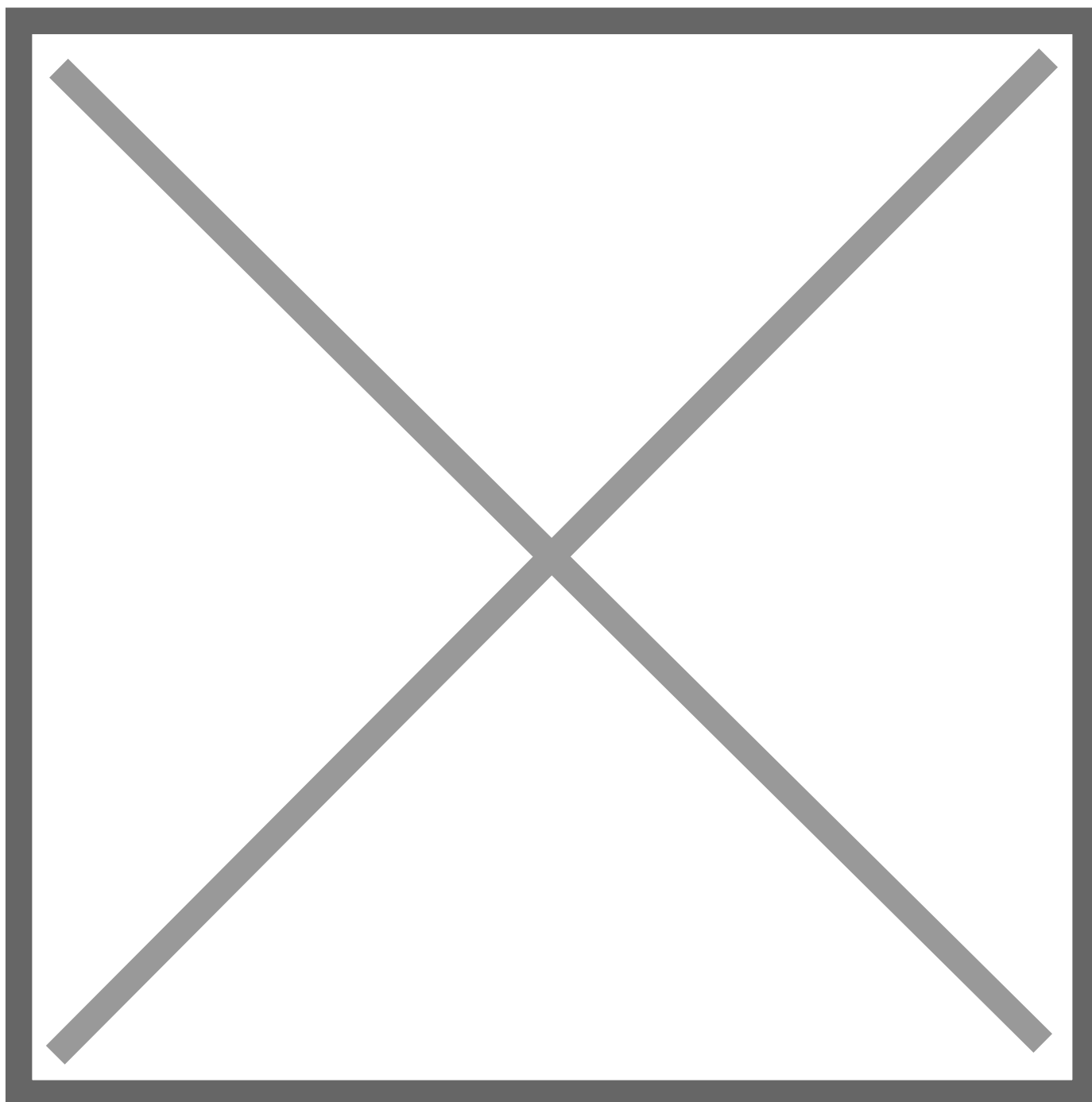


Survey type:	Measured
Age:	8
Area covered:	Subnational - Almaty
References:	WHO European Childhood Obesity Surveillance Initiative (COSI): A brief review of results from round 6 of COSI (2022-2024). Copenhagen: WHO Regional Office for Europe; 2024. Licence: CC BY-NC-SA 3.0 IGO.
Notes:	Kazakhstan data is only for Almaty

Cutoffs:

WHO 2007

0-5 years, 2015



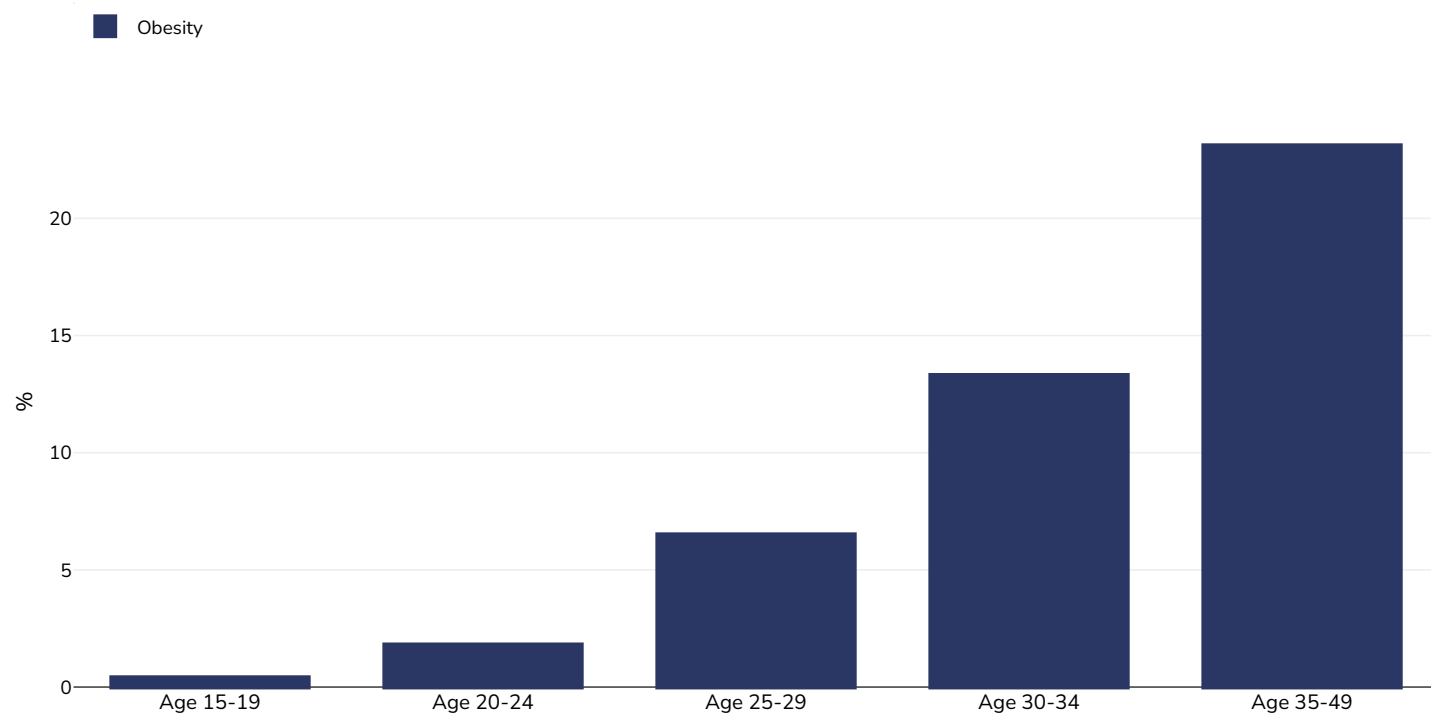
Age:	0-5
Sample size:	5218
References:	MICS: 2015 Kazakhstan Multiple Indicator Cluster Survey, Final Report. Astana, Kazakhstan: The Statistics Committee of the Ministry of National Economy of the Republic of Kazakhstan, 2016.
Notes:	UNICEF/WHO/World Bank Joint Child Malnutrition Estimates Expanded Database: Overweight (Survey Estimates), May 2023, New York. For more information about the methodology, please consult https://data.unicef.org/resources/jme-2023-country-consultations/ Percentage of children under 5 years of age falling above 2 standard deviations (moderate and severe) from the median weight-for-height of the reference population.

Definitions:

=>+2SD

Overweight/obesity by education

Women, 1999



Survey type: Measured

Sample size: 2238

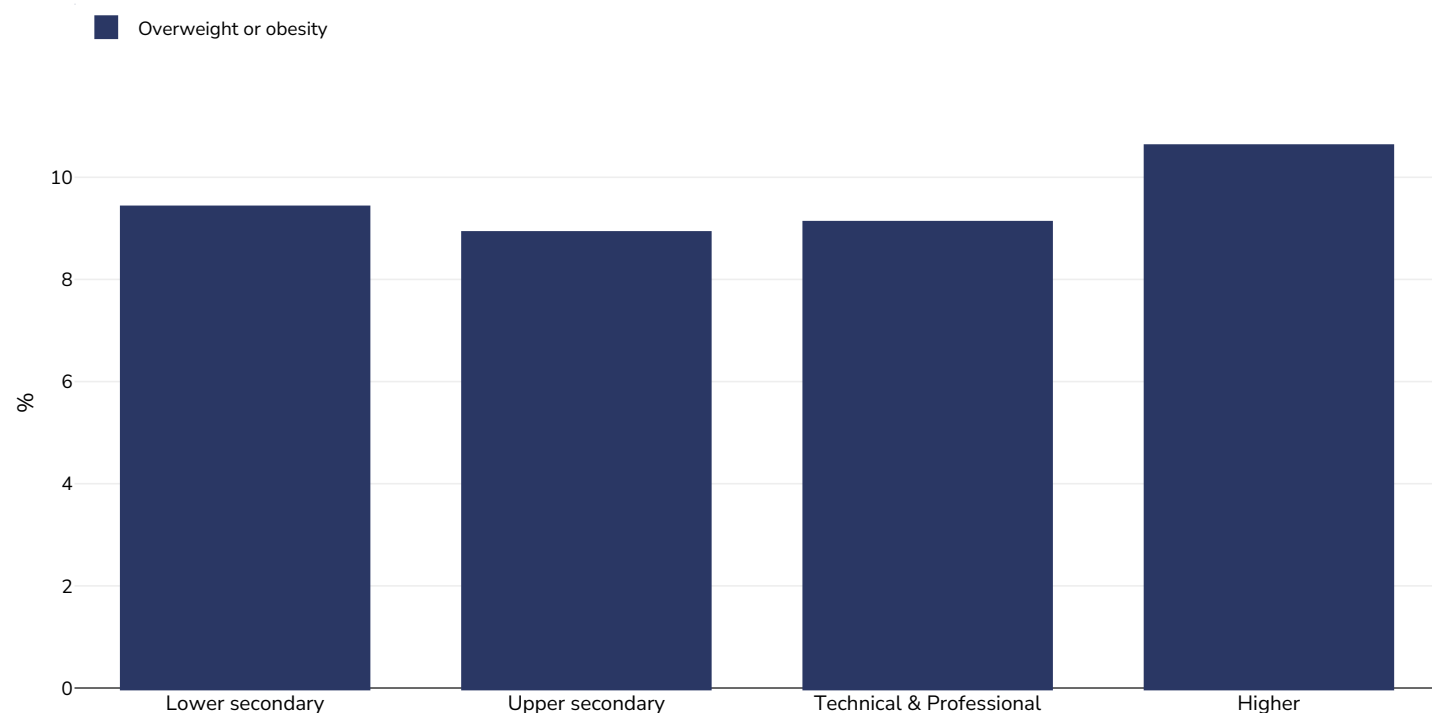
Area covered: National

References: Academy of Preventive Medicine/Kazakhstan and Macro International. 1999. Kazakhstan Demographic and Health Survey 1999. Calverton, Maryland, USA: Academy of Preventive Medicine/Kazakhstan and Macro International.

Notes: Demographic Health Survey data includes ever married women aged 15-49 years only and may include males aged 15-59. Prevalence of those living with obesity only available

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

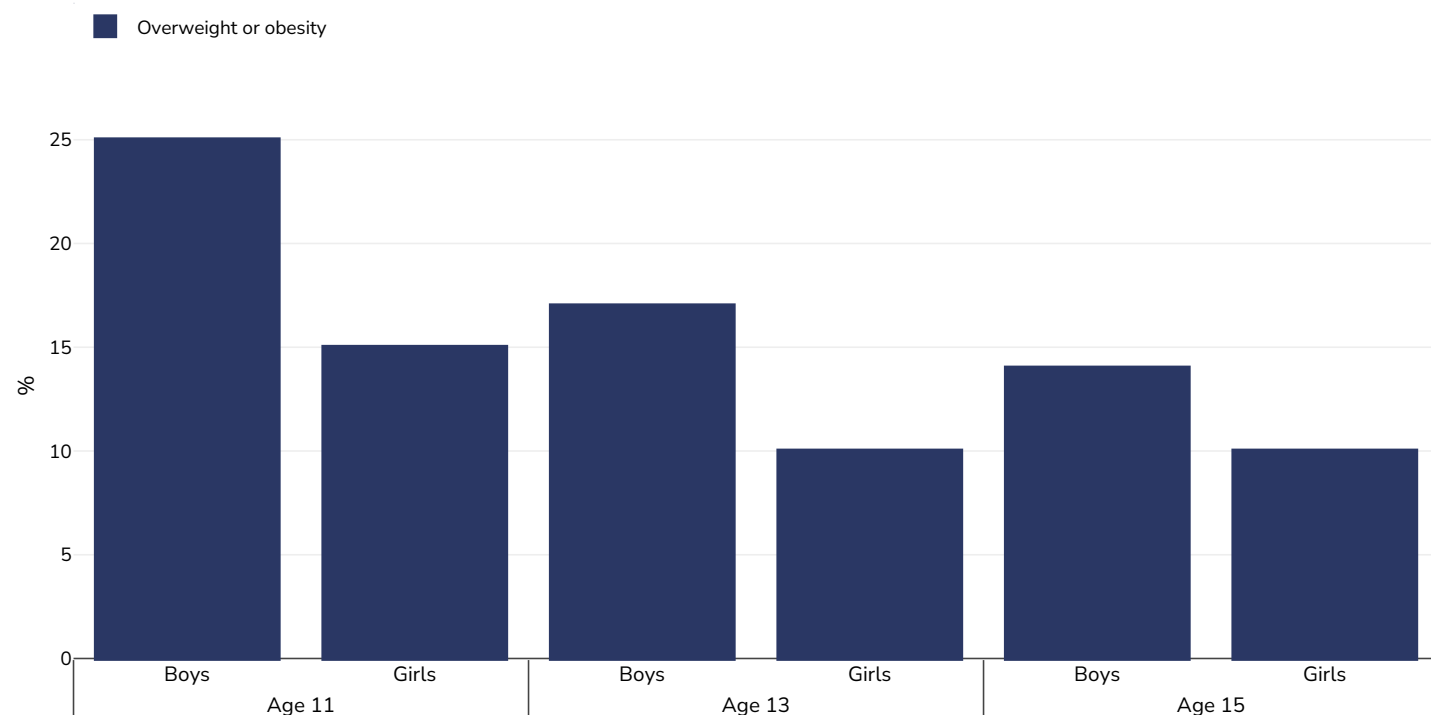
0-5 years, 2015



Survey type:	Measured
Sample size:	5218
Area covered:	National
References:	The Statistics Committee of the Ministry of National Economy of the Republic of Kazakhstan (Statistics Committee of the MNE RK), the United Nations Children's Fund (UNICEF), the United Nations Population Fund (UNFPA). 2015 Kazakhstan Multiple Indicator Cluster Survey, Final Report. Astana, Kazakhstan: The Statistics Committee of the MNE RK, UNICEF and UNFPA, 2016. https://mics-surveys-prod.s3.amazonaws.com/MICS5/Europe%20and%20Central%20Asia/Kazakhstan/2015/Final/Kazakhstan%202015%20MICS_English.pdf (last accessed 11.05.21)
Notes:	Infants
Definitions:	Weight for Height +2SD
Cutoffs:	Other

Overweight/obesity by age

Children, 2021-2022



Survey type: Self-reported

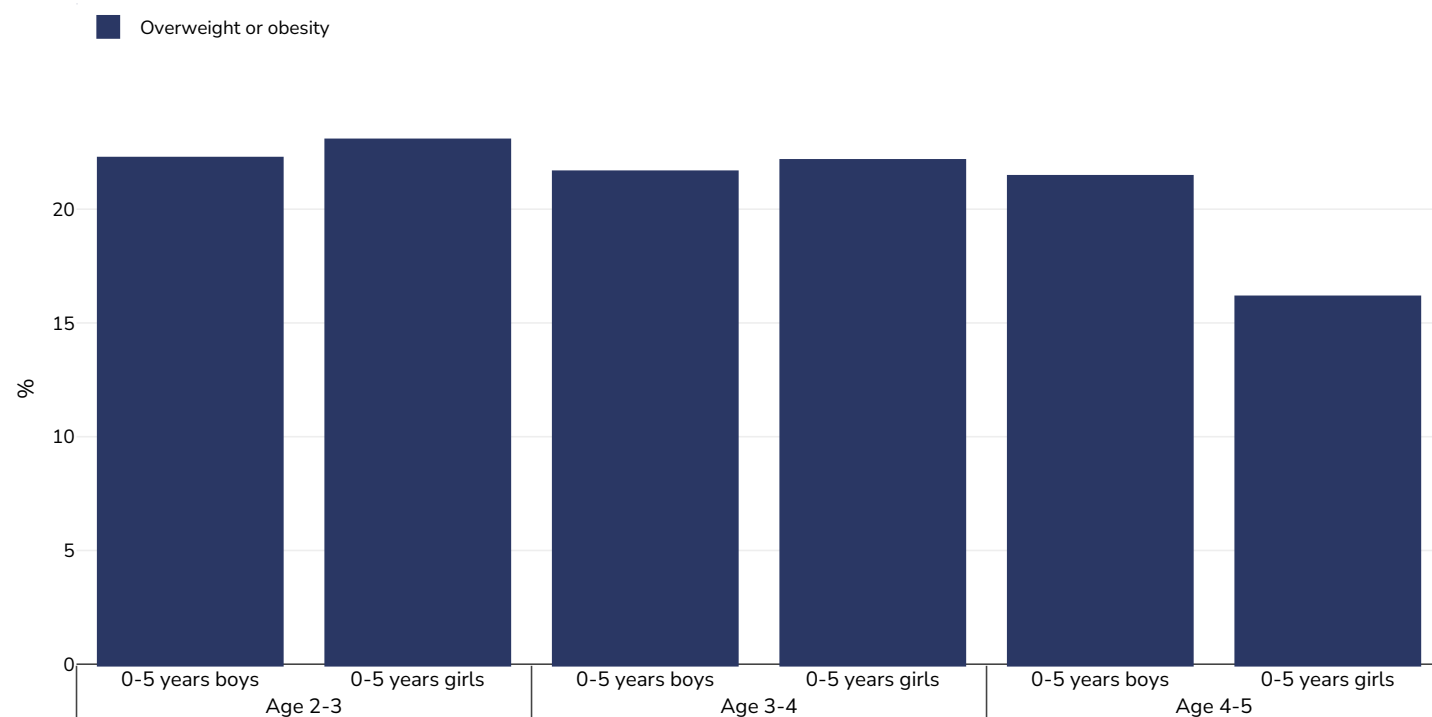
Area covered: See Report

References: Rakić 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

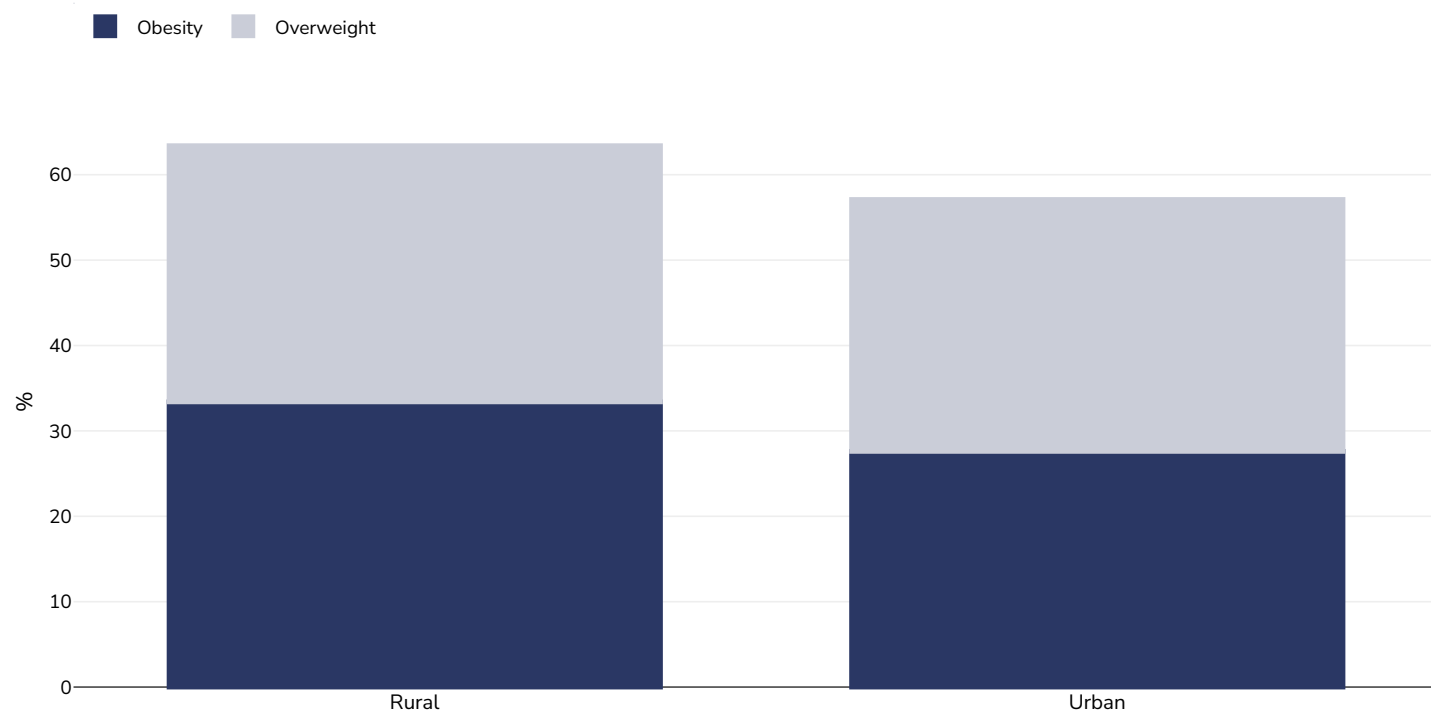
0-5 years, 2010-2011



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

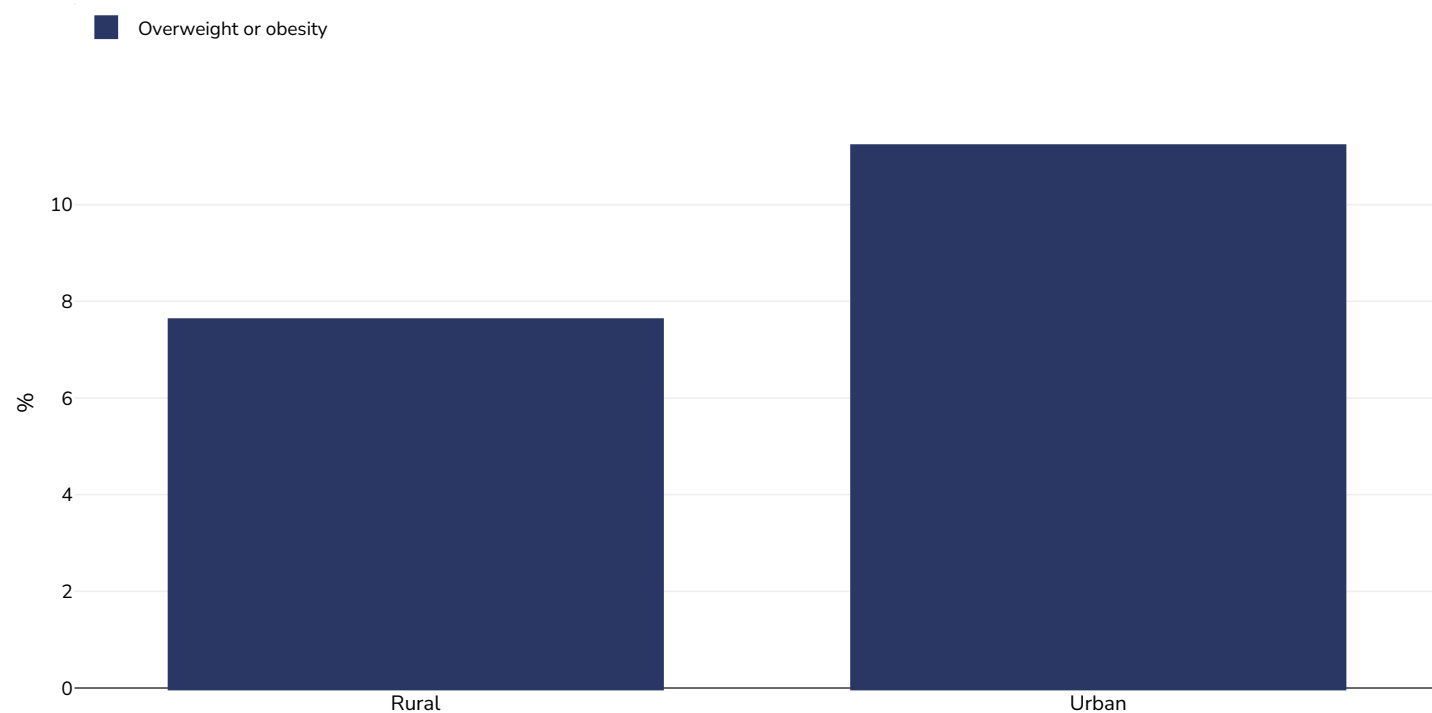
Overweight/obesity by region

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/m ² , obesity refers to a BMI greater than 30kg/m ² .	

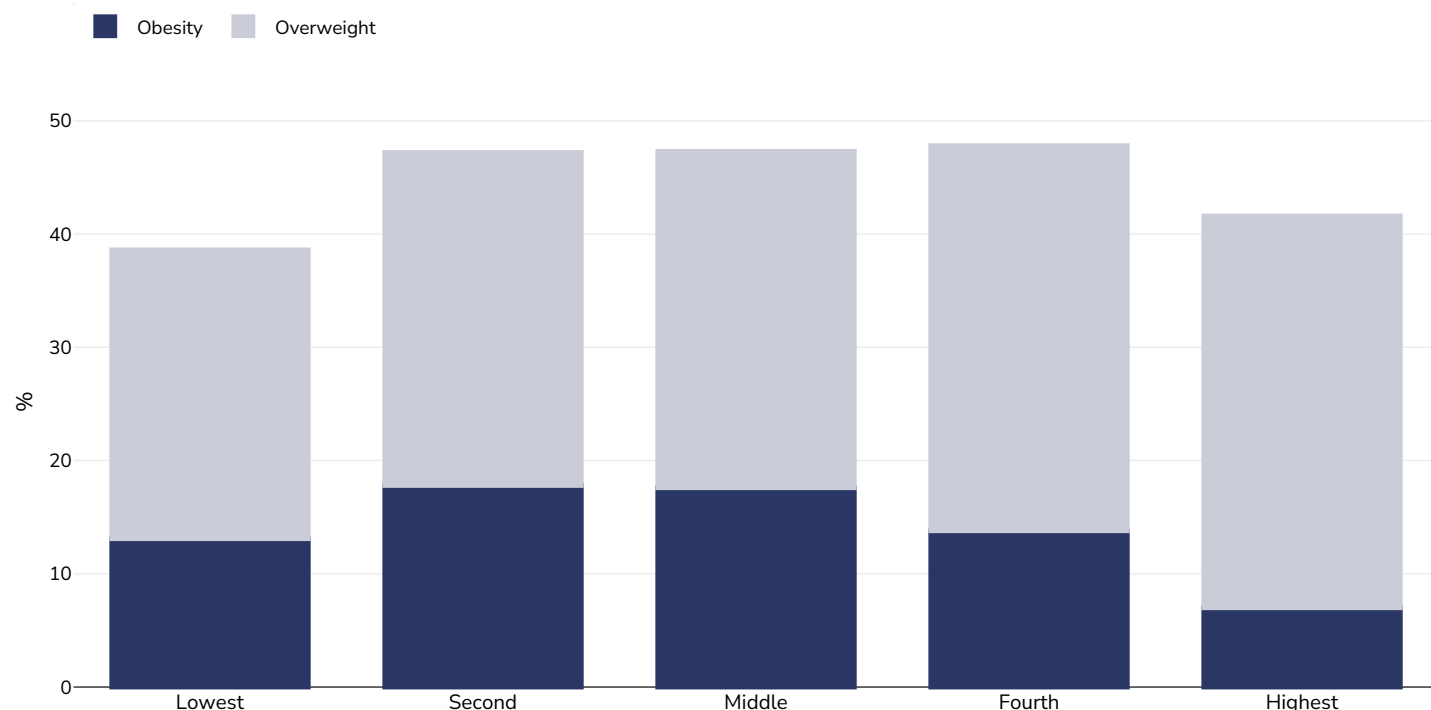
0-5 years, 2015



Survey type:	Measured
Sample size:	5218
Area covered:	National
References:	The Statistics Committee of the Ministry of National Economy of the Republic of Kazakhstan (Statistics Committee of the MNE RK), the United Nations Children's Fund (UNICEF), the United Nations Population Fund (UNFPA). 2015 Kazakhstan Multiple Indicator Cluster Survey, Final Report. Astana, Kazakhstan: The Statistics Committee of the MNE RK, UNICEF and UNFPA, 2016. https://mics-surveys-prod.s3.amazonaws.com/MICS5/Europe%20and%20Central%20Asia/Kazakhstan/2015/Final/Kazakhstan%202015%20MICS_English.pdf (last accessed 11.05.21)
Notes:	Infants
Definitions:	Weight for Height +2SD
Cutoffs:	Other

Overweight/obesity by socio-economic group

Men, 2001



Survey type: Self-reported

Age: 18+

Sample size: 2000

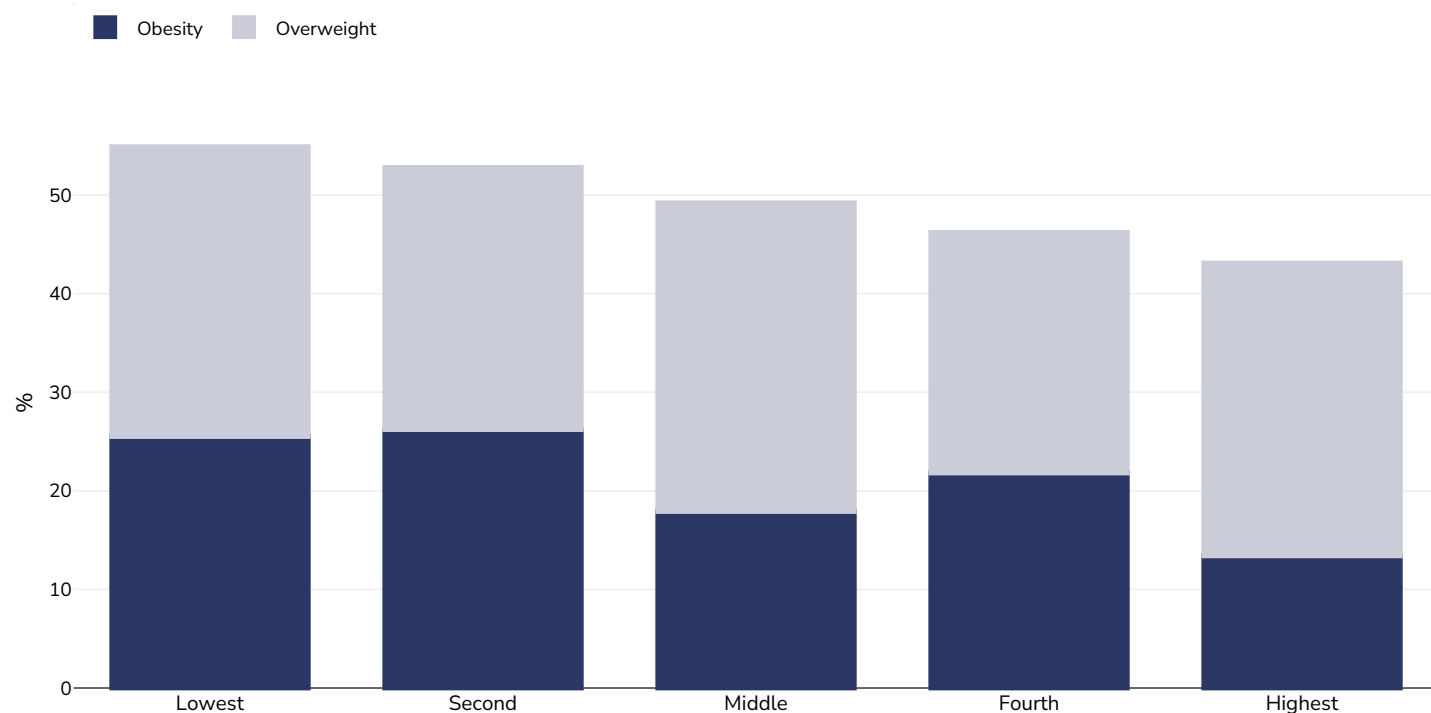
Area covered: National

References: Suhrcke M, Walters S, Mazzucco 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.

Women, 2001



Survey type: Self-reported

Age: 18+

Sample size: 2000

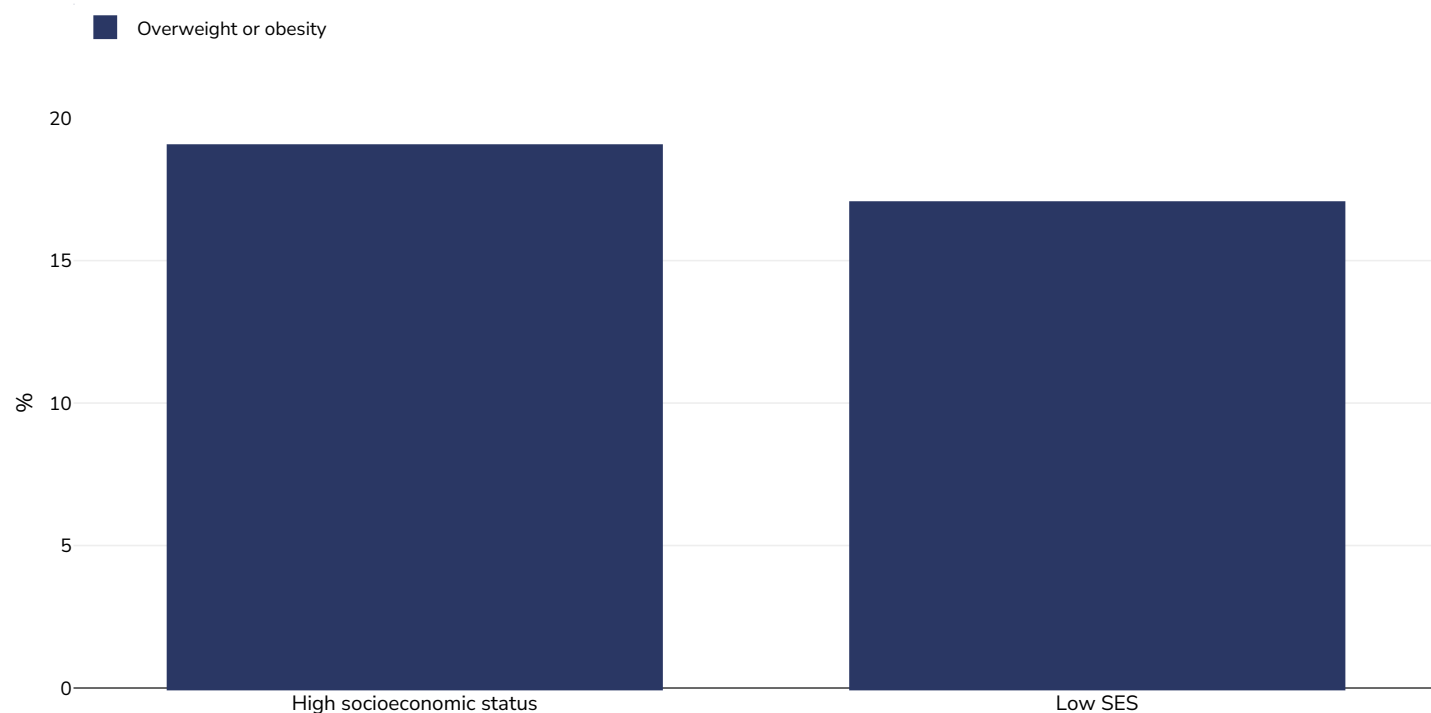
Area covered: National

References: Suhrcke M, Walters S, Mazzucco 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.

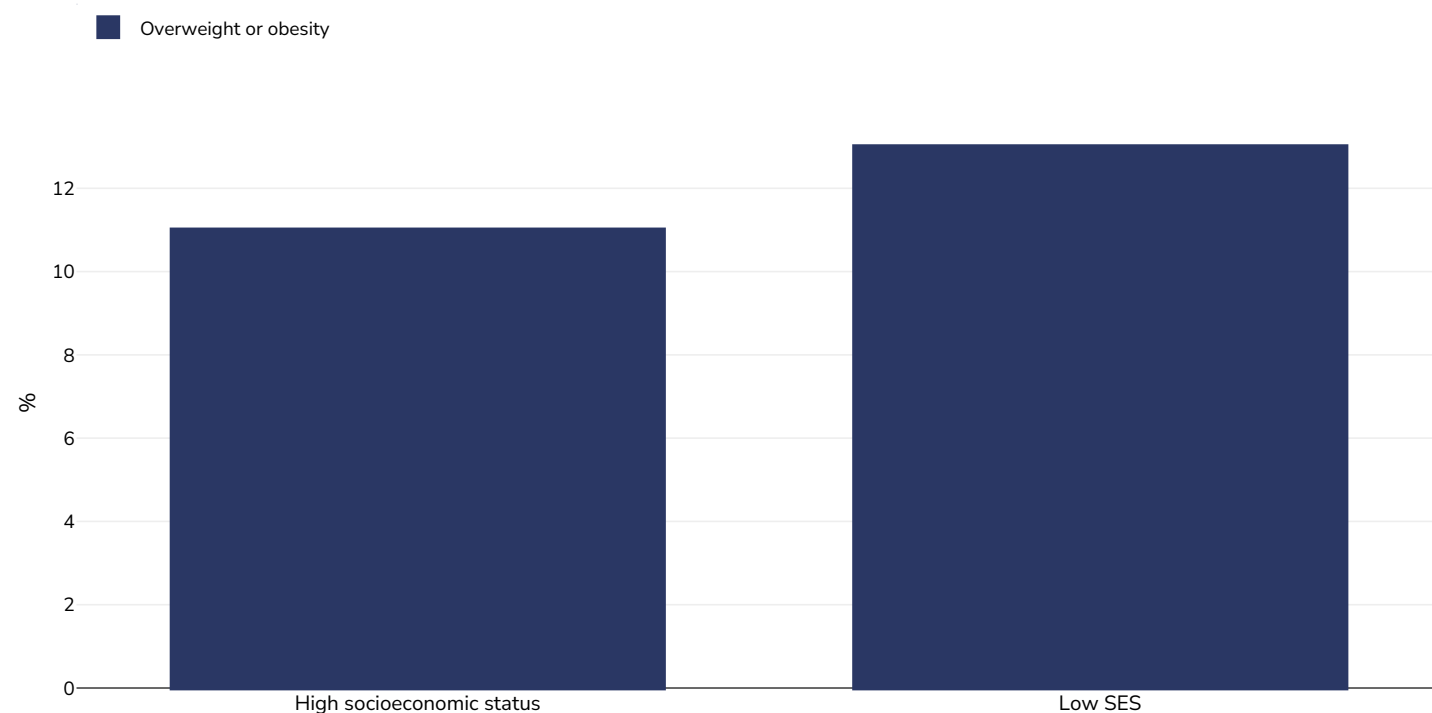
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².

Boys, 2021-2022



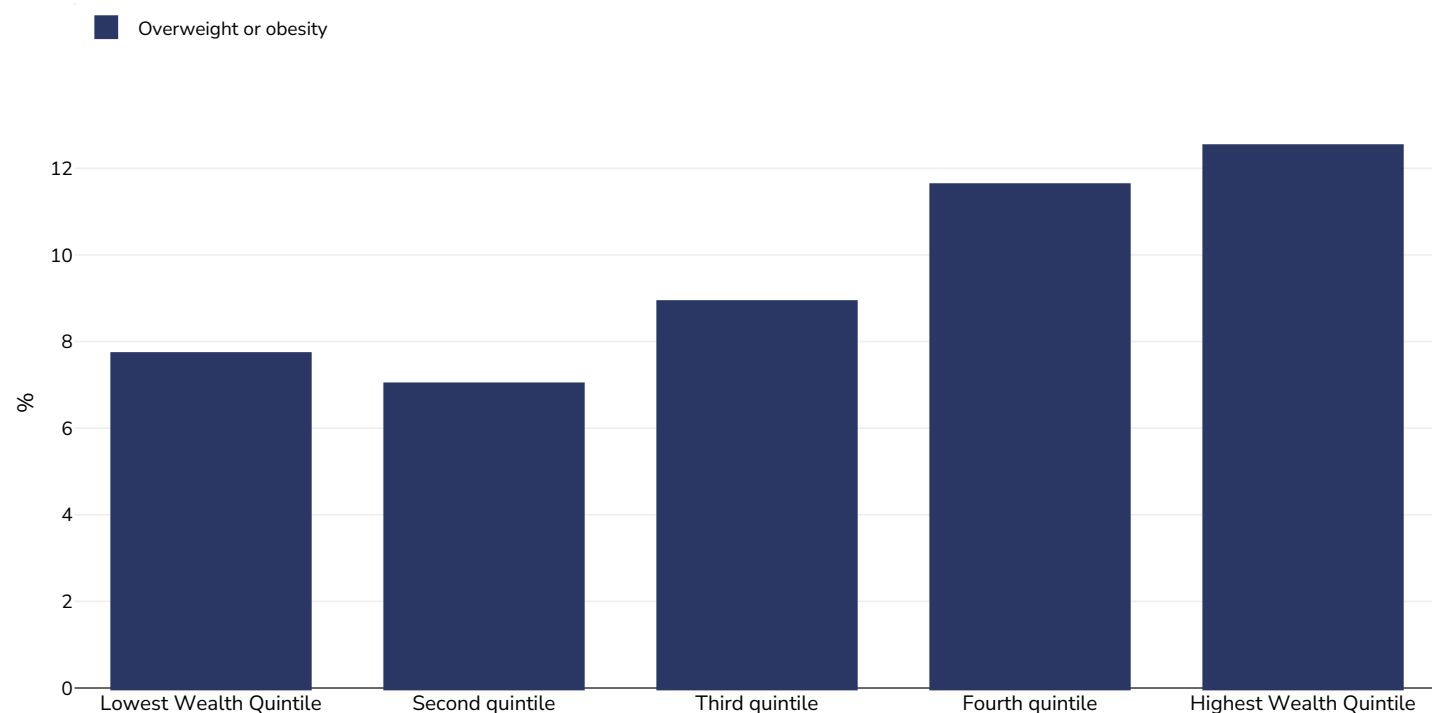
Survey type:	Self-reported
Age:	11-15
References:	Rakić JG, Hamrik Z, Dzielska A, Felder-Puig R, Oja L, Bakalár P et al. A focus on adolescent physical activity, eating behaviours, weight status and body image in Europe, central Asia and Canada. Health Behaviour in School-aged Children (HBSC) international 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



Survey type:	Self-reported
Age:	11-15
References:	Rakić 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

0-5 years, 2015



Sample size: 5218

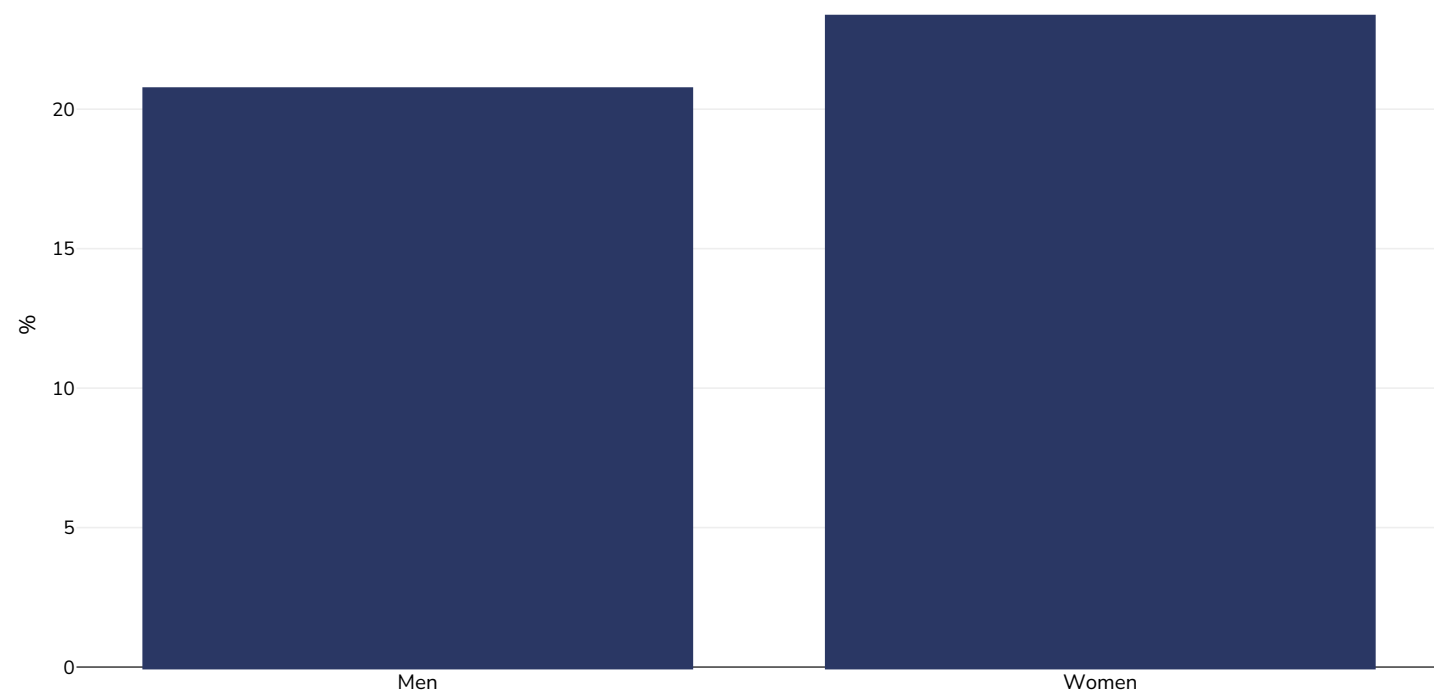
References: MICS: 2015 Kazakhstan Multiple Indicator Cluster Survey, Final Report. Astana, Kazakhstan: The Statistics Committee of the Ministry of National Economy of the Republic of Kazakhstan, 2016.

Notes: UNICEF/WHO/World Bank Joint Child Malnutrition Estimates Expanded Database: Overweight (Survey Estimates), May 2023, New York.
For more information about the methodology, please consult <https://data.unicef.org/resources/jme-2023-country-consultations/>
Percentage of children under 5 years of age falling above 2 standard deviations (moderate and severe) from the median weight-for-height of the reference population.

Definitions: =>+2SD

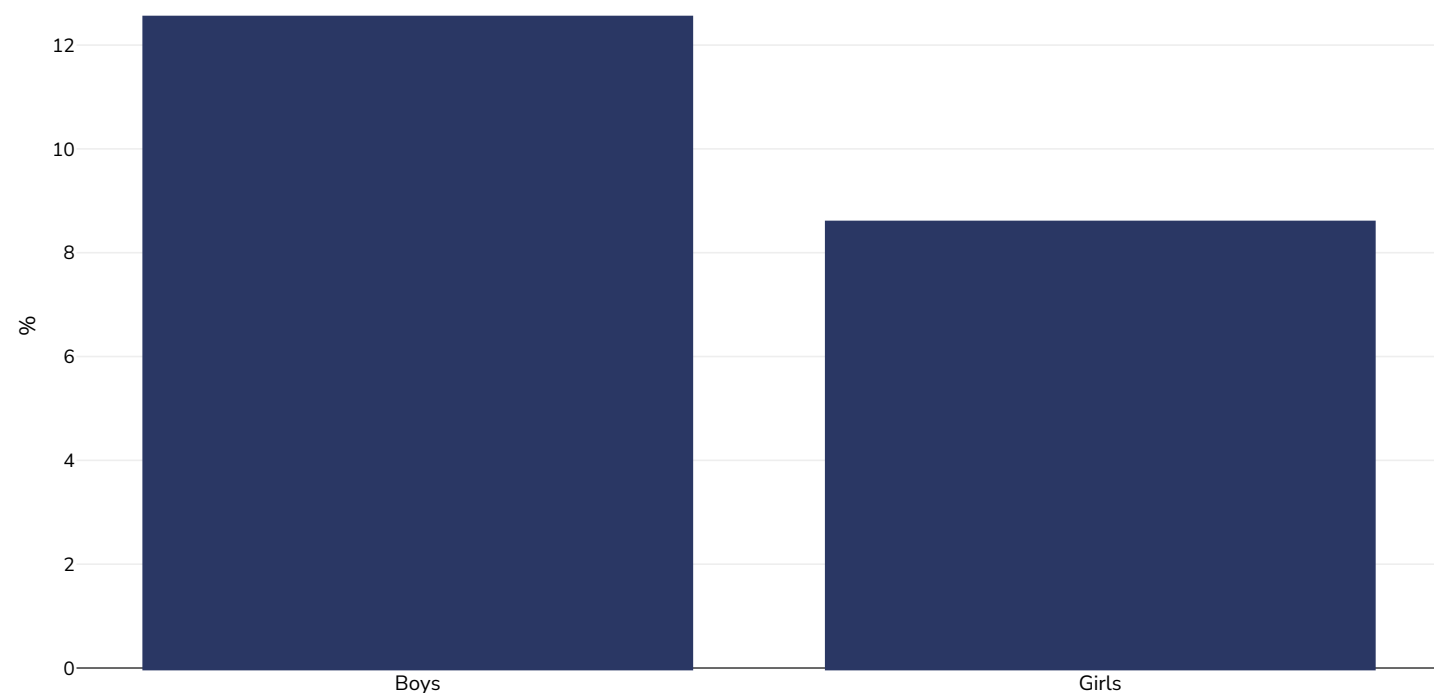
Double burden of underweight & overweight

Adults, 2022



Survey type:	Measured
Age:	20+
References:	NCD Risk Factor Collaboration (NCD-RisC). Worldwide trends in underweight and obesity from 1990 to 2022: a pooled analysis of 3663 population representative studies with 222 million children, adolescents, and adults. Lancet 2024; published online Feb 29. https://doi.org/10.1016/S0140-6736(23)02750-2 .
Notes:	Age Standardised estimates
Definitions:	Combined prevalence of BMI<18.5 kg/m ² and BMI≥30 kg/m ² (double burden of underweight and obesity)

Children, 2022



Survey type:	Measured
Age:	5-19
References:	NCD Risk Factor Collaboration (NCD-RisC). Worldwide trends in underweight and obesity from 1990 to 2022: a pooled analysis of 3663 population representative studies with 222 million children, adolescents, and adults. Lancet 2024; published online Feb 29. https://doi.org/10.1016/S0140-6736(23)02750-2 .
Notes:	Age standardised estimates
Definitions:	Combined prevalence of BMI < -2SD and BMI > 2SD (double burden of thinness and obesity)
Cutoffs:	BMI < -2SD and BMI > 2SD

0-5 years, 2015



Survey type:	Measured
Age:	0-5
References:	United Nations Children's Fund, Division of Data, Analysis, Planning and Monitoring (2025). Global UNICEF Global Databases: Overlapping Stunting, Wasting and Overweight (Survey Estimates), 2025, New York. For more information, visit: https://data.unicef.org/topic/nutrition/malnutrition/ [Accessed 06.08.25]
Notes:	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.
Definitions:	Combined percentage of children under 5 years of age who are either wasted, stunted, or overweight (falling below -2 standard deviations from the median weight-for-height, falling below -2 standard deviations from the median height for age, or falling at or above +2 standard deviations from the median weight-for-height of the reference population)
Cutoffs:	WHZ <-2, HAZ <-2 and WHZ >+2

Insufficient physical activity

Adults, 2022

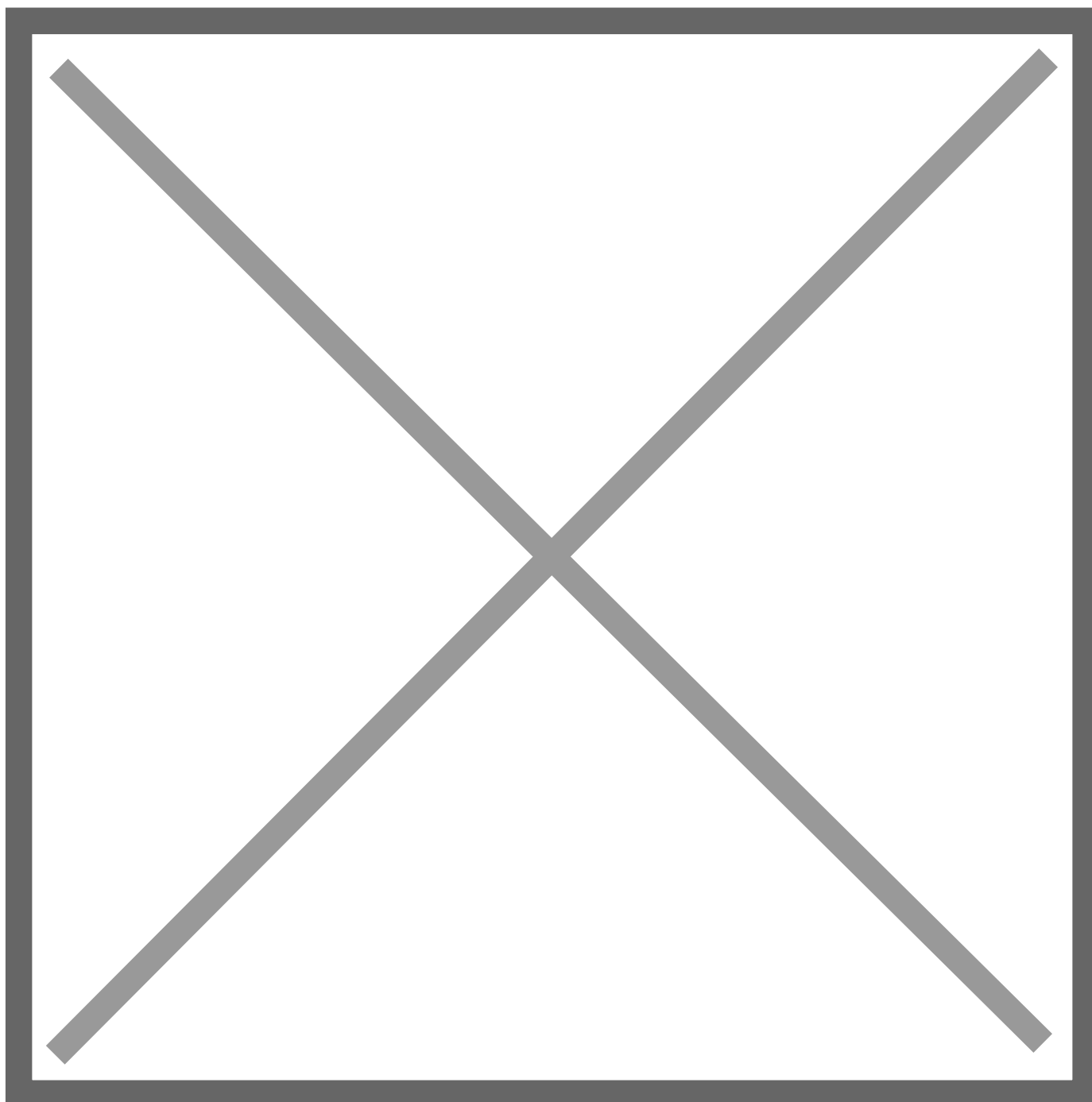


Survey type:	Self-reported
Age:	18+
Area covered:	National
References:	WHO (2024). Prevalence of insufficient physical activity among adults aged 18-years age-standardized estimate in 2022. Available at https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-among-adults-aged-18-years-(age-standardized-estimate)-(-)

Definitions:

Percent of population attaining less than 150 minutes of moderate-intensity physical activity per week, or less than 75 minutes of vigorous-intensity physical activity per week, or equivalent.

Men, 2022

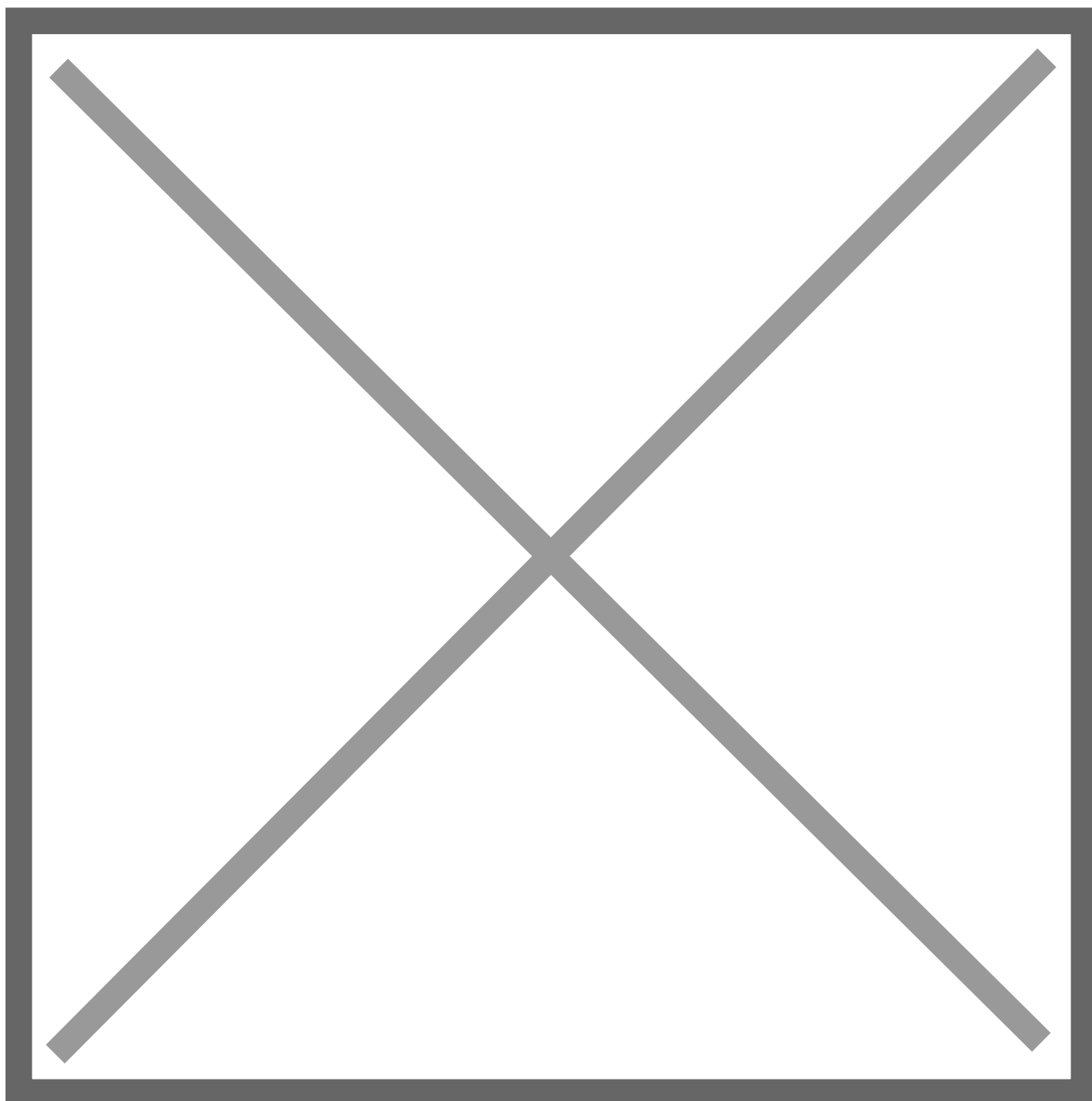


Survey type:	Self-reported
Age:	18+
Area covered:	National
References:	WHO (2024). Prevalence of insufficient physical activity among adults aged 18-years age-standardized estimate in 2022. Available at https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-among-adults-aged-18-years-(age-standardized-estimate)-(-)

Definitions:

Percent of population attaining less than 150 minutes of moderate-intensity physical activity per week, or less than 75 minutes of vigorous-intensity physical activity per week, or equivalent.

Women, 2022

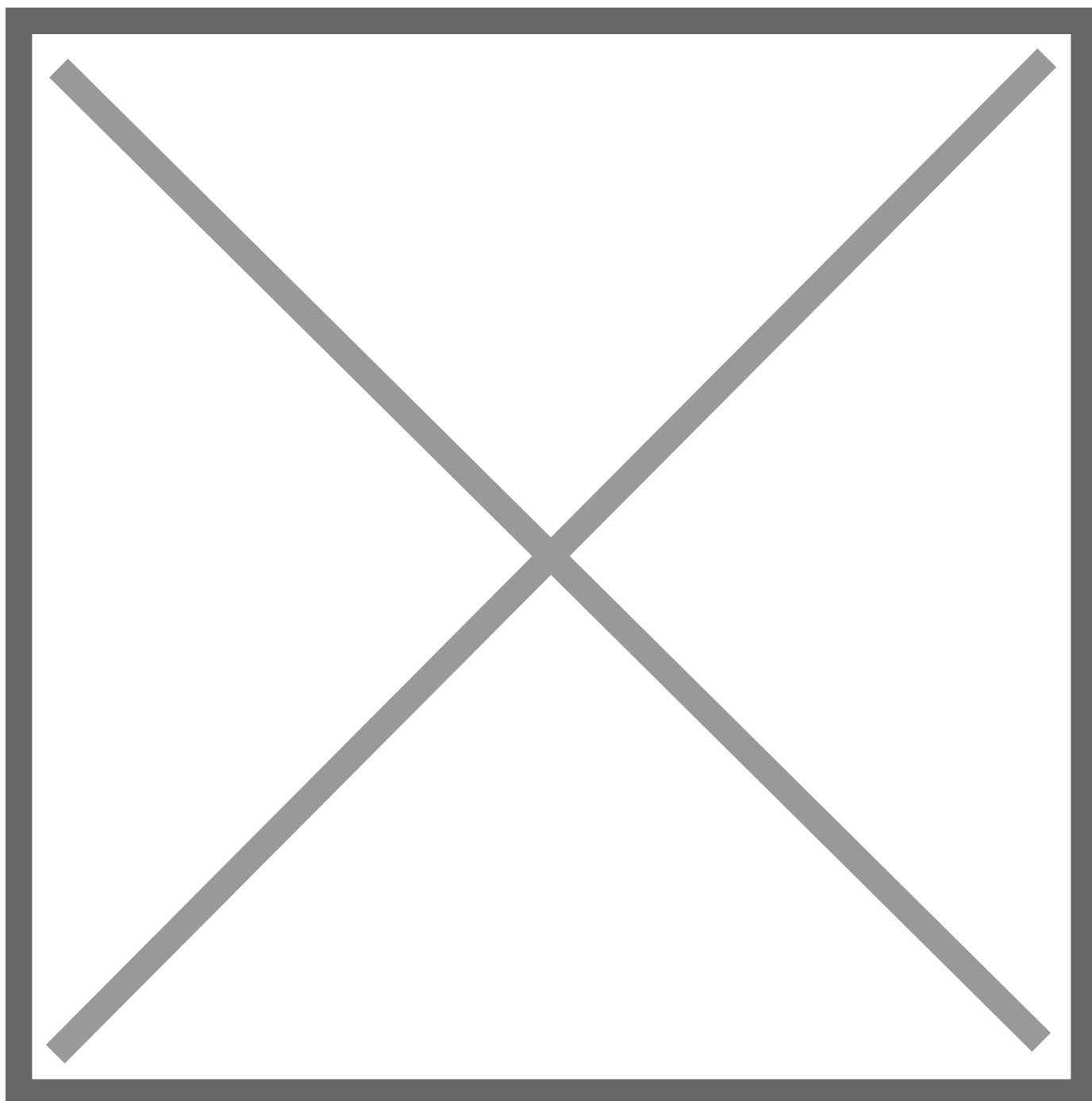


Survey type:	Self-reported
Age:	18+
Area covered:	National
References:	WHO (2024). Prevalence of insufficient physical activity among adults aged 18-years age-standardized estimate in 2022. Available at https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-among-adults-aged-18-years-(age-standardized-estimate)-(-)

Definitions:

Percent of population attaining less than 150 minutes of moderate-intensity physical activity per week, or less than 75 minutes of vigorous-intensity physical activity per week, or equivalent.

Boys, 2022

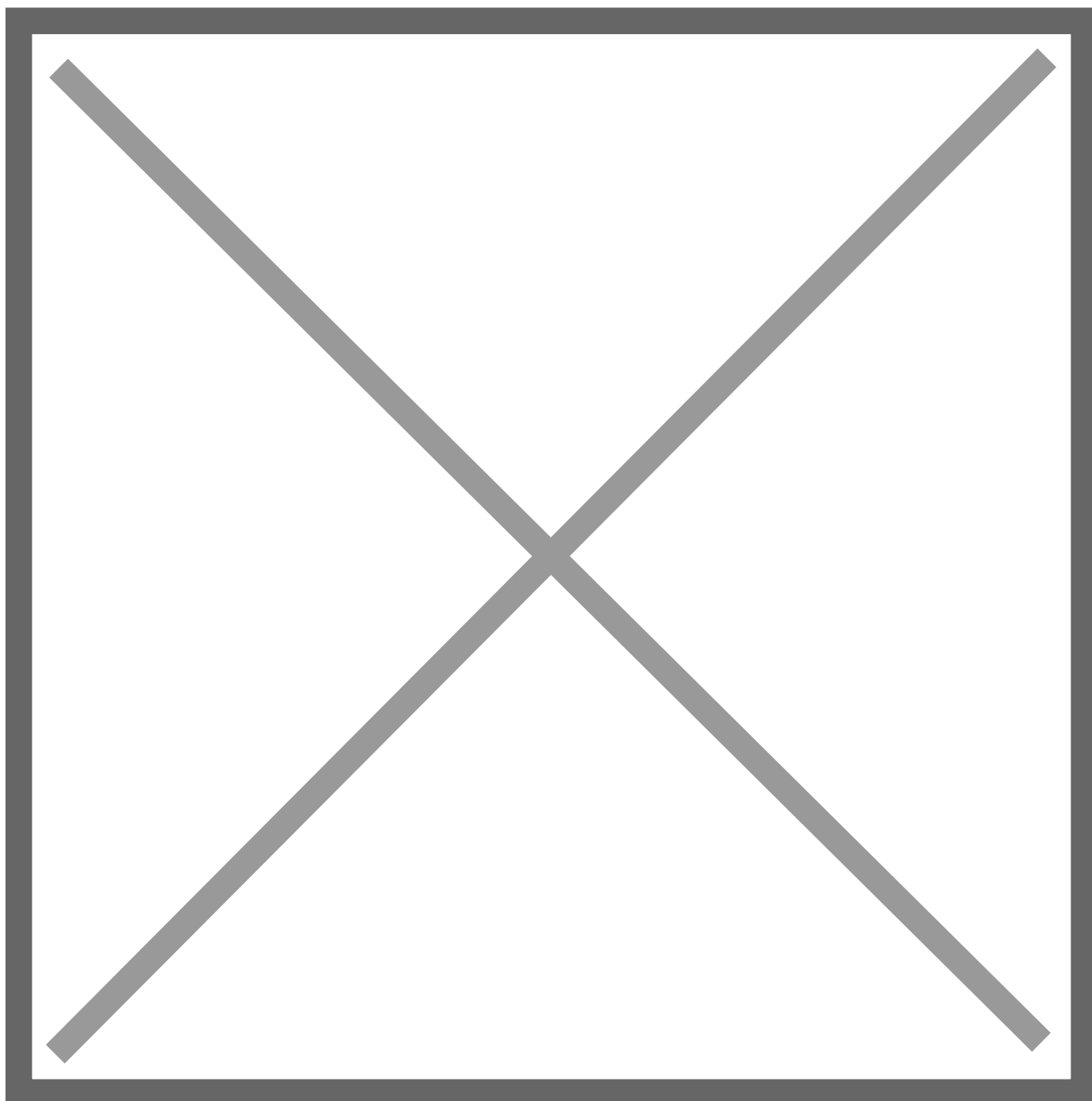


Survey type:	Self-reported
Area covered:	National
References:	Rakic JG, Hamrik Z, Dzielska A, Felder-Puig R, Oja L, Bakalár P et al. A focus on adolescent physical activity, eating behaviours, weight status and body image in Europe, central Asia and Canada. Health Behaviour in School-aged Children international report from the 2021/2022 survey. Volume 4. Copenhagen: WHO Regional Office for Europe; 2024. Licence: CC BY-NC-SA 3.0 IGO. Health Behaviour in School-aged Children study (2023), Data browser (findings from the 2021/22 international HBSC survey): https://data-browser.hbsc.org .

Notes: Young people were asked to report the number of days over the past week during which they were physically active for a total of at least 60 minutes. The question was introduced by text defining moderate-to-vigorous physical activity (MVPA) as any activity that increases the heart rate and makes the person get out of breath some of the time, with examples provided. Findings presented on the Observatory show the proportions who report less than 60 minutes of MVPA daily. NB. National except Belgium (Flemish speaking region only)

Definitions: % reporting less than 60 minutes of MVPA daily

Girls, 2022



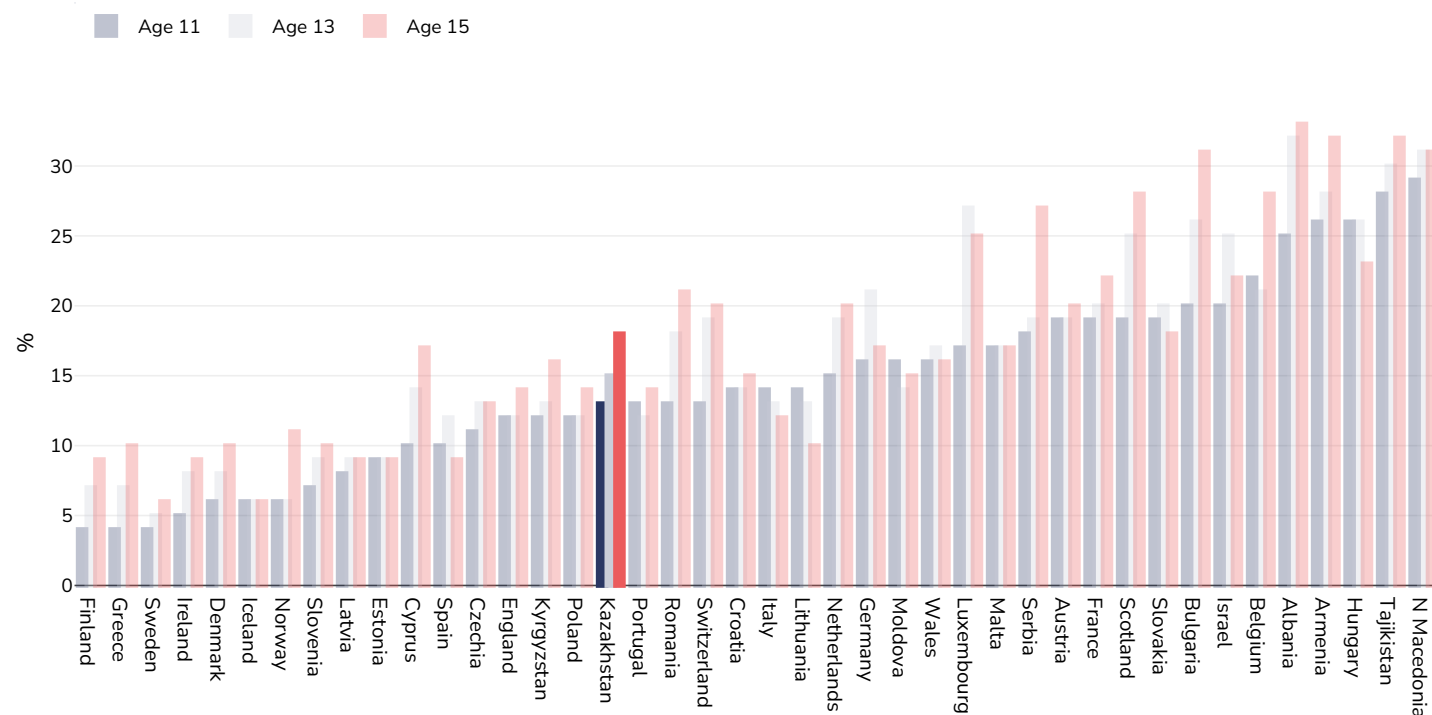
Survey type:	Self-reported
Area covered:	National
References:	Rakic JG, Hamrik Z, Dzielska A, Felder-Puig R, Oja L, Bakalár P et al. A focus on adolescent physical activity, eating behaviours, weight status and body image in Europe, central Asia and Canada. Health Behaviour in School-aged Children international report from the 2021/2022 survey. Volume 4. Copenhagen: WHO Regional Office for Europe; 2024. Licence: CC BY-NC-SA 3.0 IGO. Health Behaviour in School-aged Children study (2023), Data browser (findings from the 2021/22 international HBSC survey): https://data-browser.hbsc.org .

Notes: Young people were asked to report the number of days over the past week during which they were physically active for a total of at least 60 minutes. The question was introduced by text defining moderate-to-vigorous physical activity (MVPA) as any activity that increases the heart rate and makes the person get out of breath some of the time, with examples provided. Findings presented on the Observatory show the proportions who report less than 60 minutes of MVPA daily. NB. National except Belgium (Flemish speaking region only)

Definitions: % reporting less than 60 minutes of MVPA daily

Prevalence of at least daily carbonated soft drink consumption

Boys, 2021-2022



Area covered:

National

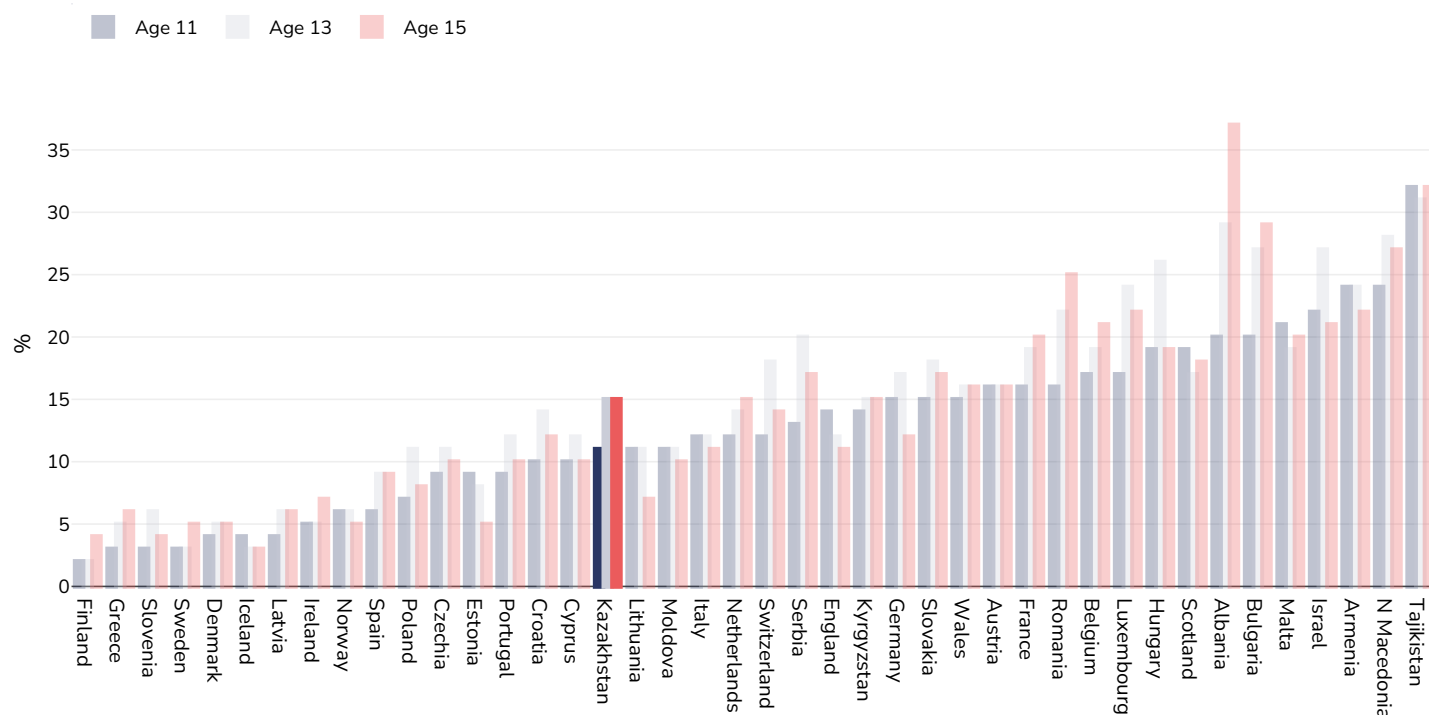
References:

Health Behaviour in School-aged Children study (2023), Data browser (findings from the 2021/22 international HBSC survey):
<https://data-browser.hbsc.org>

Definitions:

Proportion who reported drinking sugary soft drinks daily (at least once)

Girls, 2021-2022



Area covered:

National

References:

Health Behaviour in School-aged Children study (2023), Data browser (findings from the 2021/22 international HBSC survey):

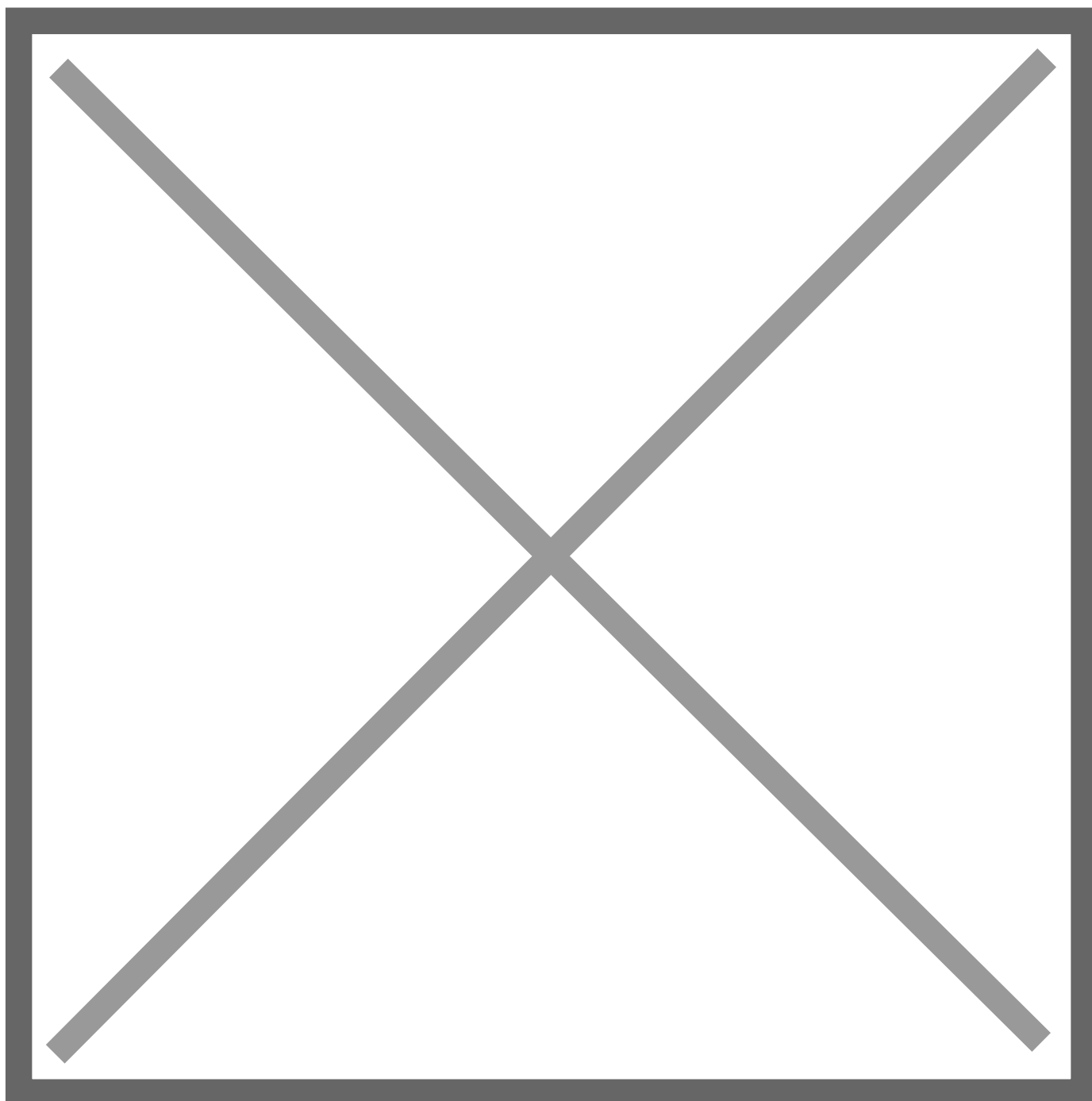
<https://data-browser.hbsc.org>

Definitions:

Proportion who reported drinking sugary soft drinks daily (at least once)

Estimated per capita fruit intake

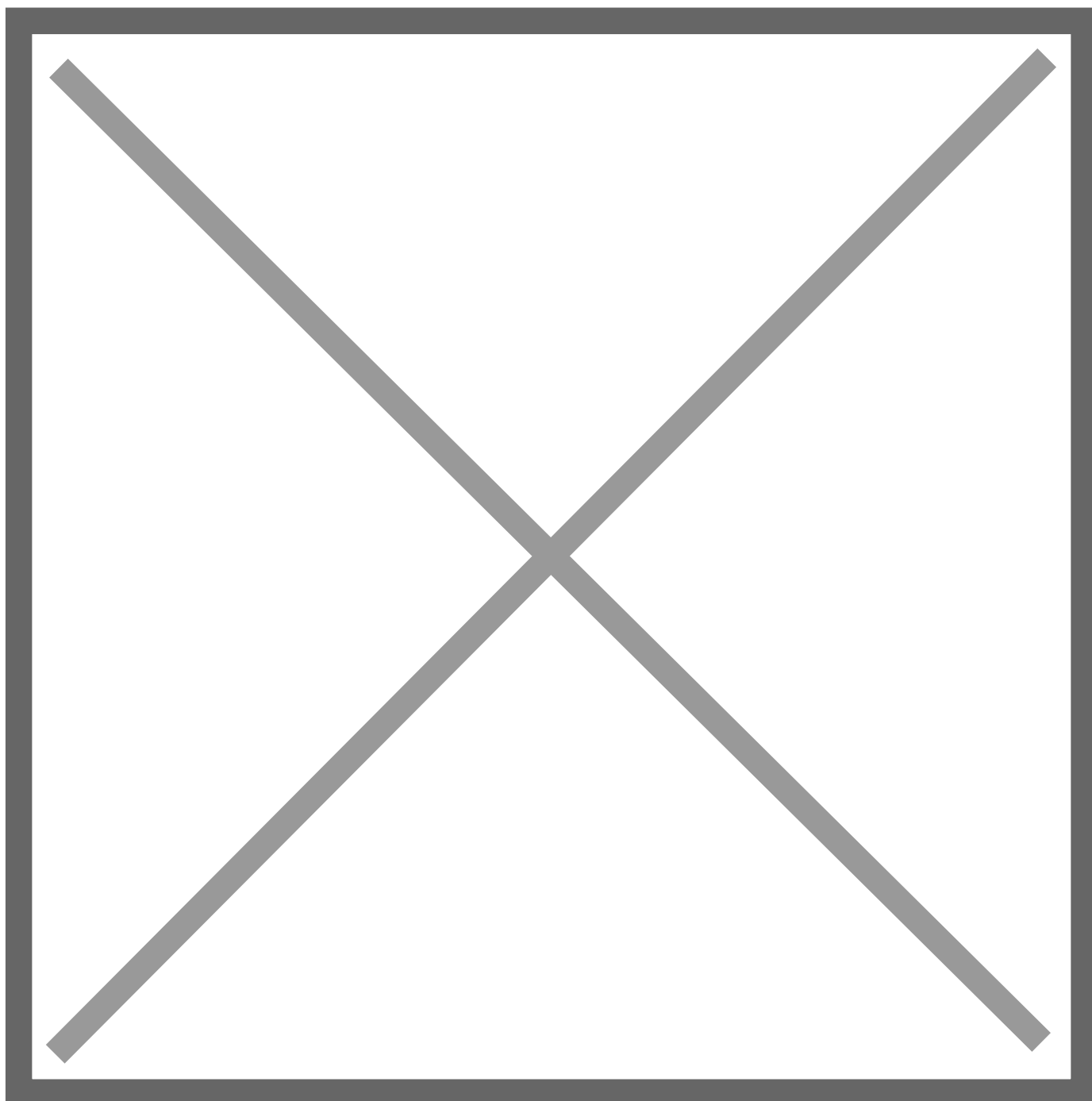
Adults, 2017



Survey type:	Measured
Age:	25+
References:	Global Burden of Disease, the Institute for Health Metrics and Evaluation http://ghdx.healthdata.org/
Definitions:	Estimated per-capita fruit intake (g/day)

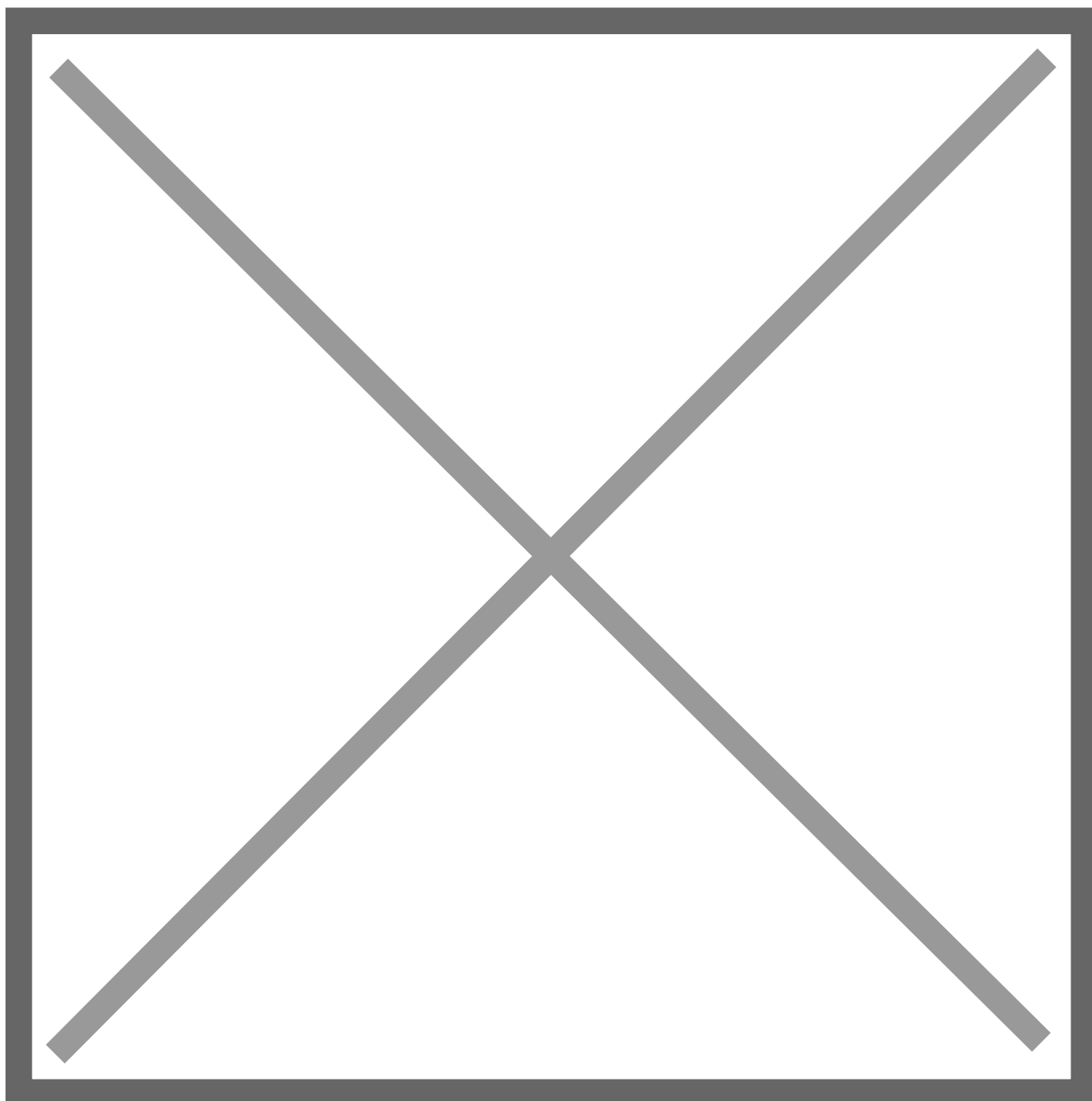
Prevalence of less than daily fruit consumption

Boys, 2021-2022



Survey type:	Self-reported
Area covered:	National
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 international report from the 2021/2022 survey. Volume 4. Copenhagen: WHO Regional Office for Europe; 2024. Licence: CC BY-NC-SA 3.0 IGO
Definitions:	Proportion who reported eating fruit less than daily

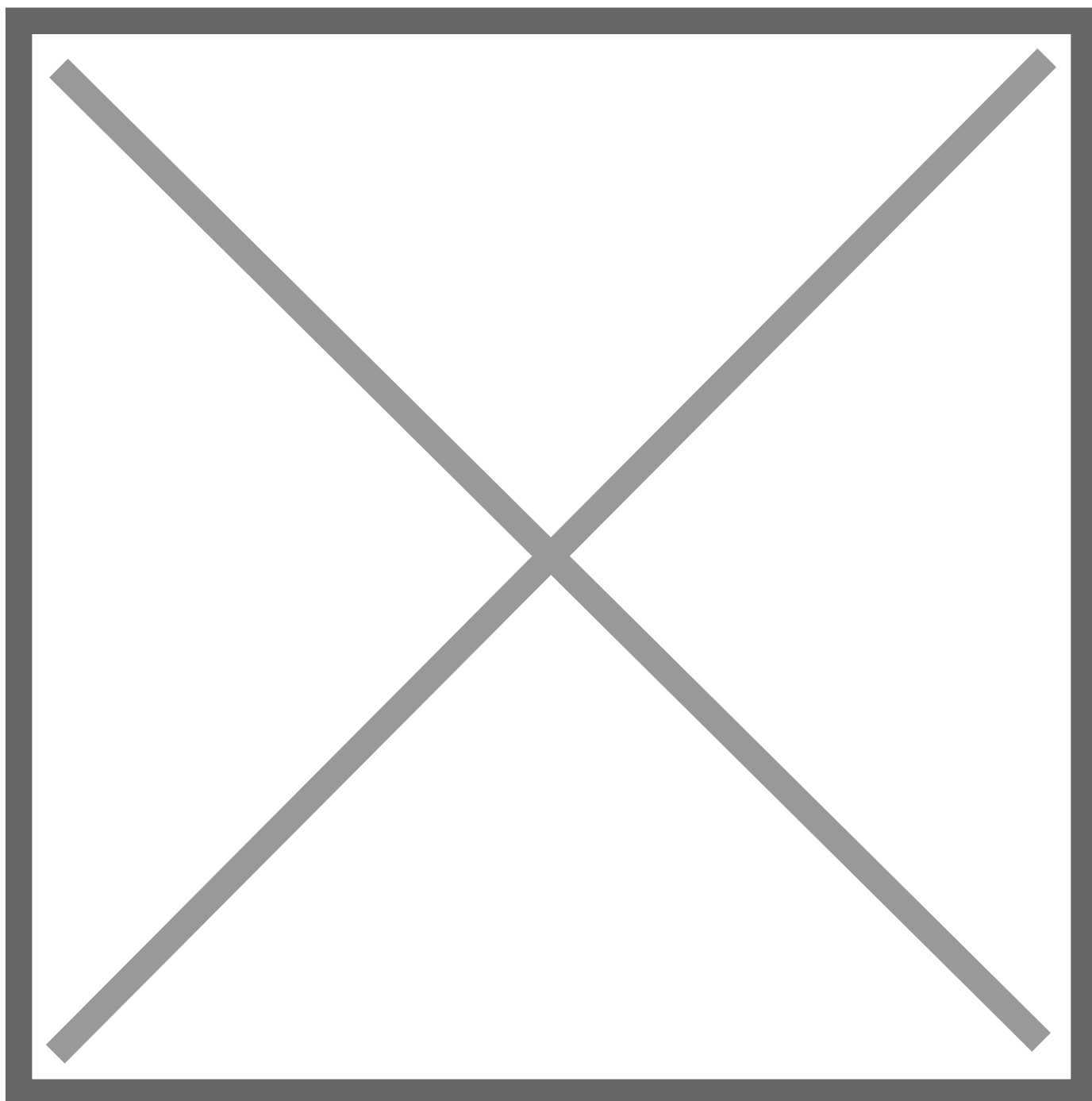
Girls, 2021-2022



Survey type:	Self-reported
Area covered:	National
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 international report from the 2021/2022 survey. Volume 4. Copenhagen: WHO Regional Office for Europe; 2024. Licence: CC BY-NC-SA 3.0 IGO
Definitions:	Proportion who reported eating fruit less than daily

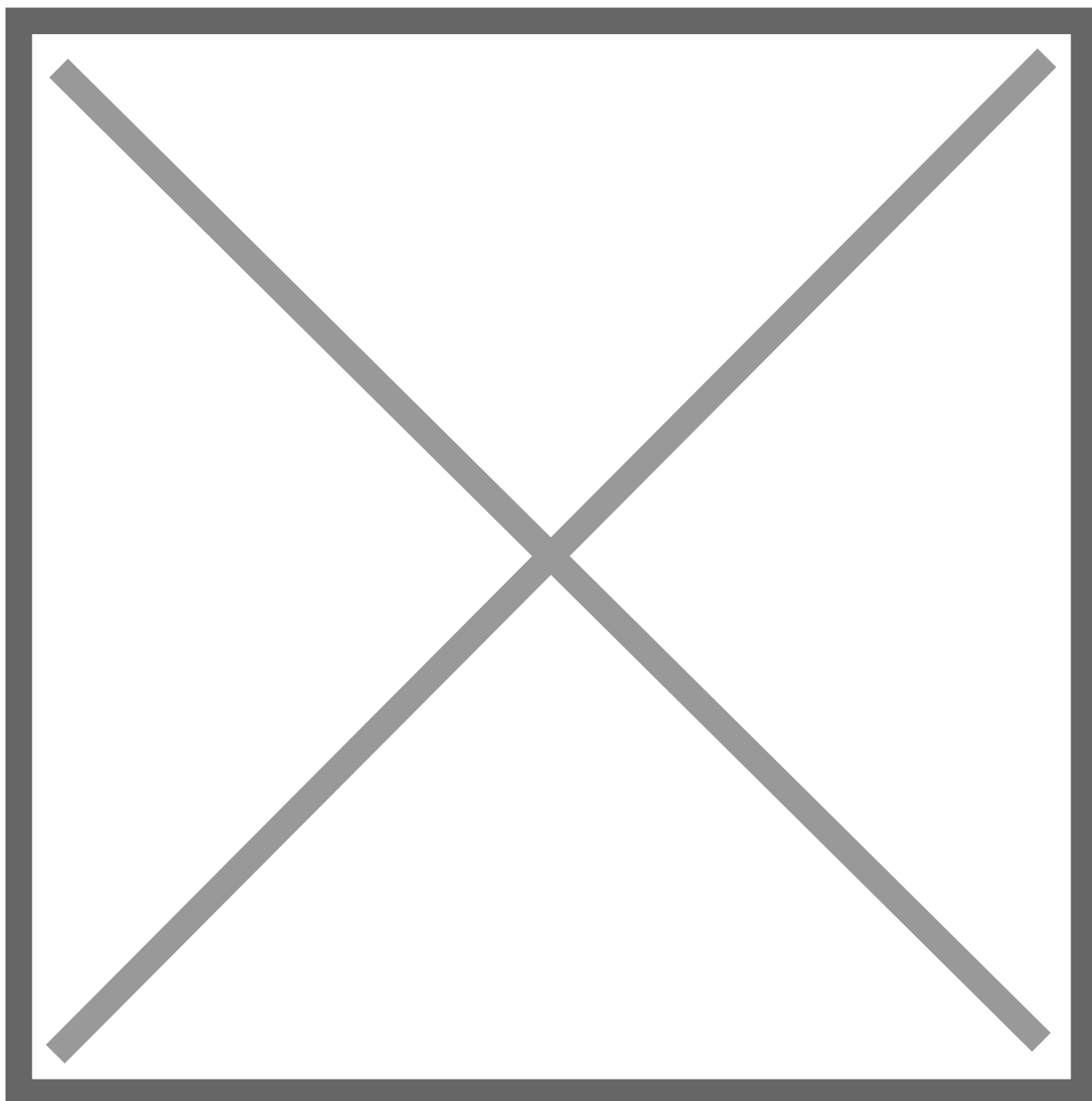
Prevalence of less than daily vegetable consumption

Boys, 2021-2022



Survey type:	Self-reported
Area covered:	National
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 international report from the 2021/2022 survey. Volume 4. Copenhagen: WHO Regional Office for Europe; 2024. Licence: CC BY-NC-SA 3.0 IGO
Definitions:	Prevalence of less-than-daily vegetable consumption (% less-than-daily vegetable consumption)

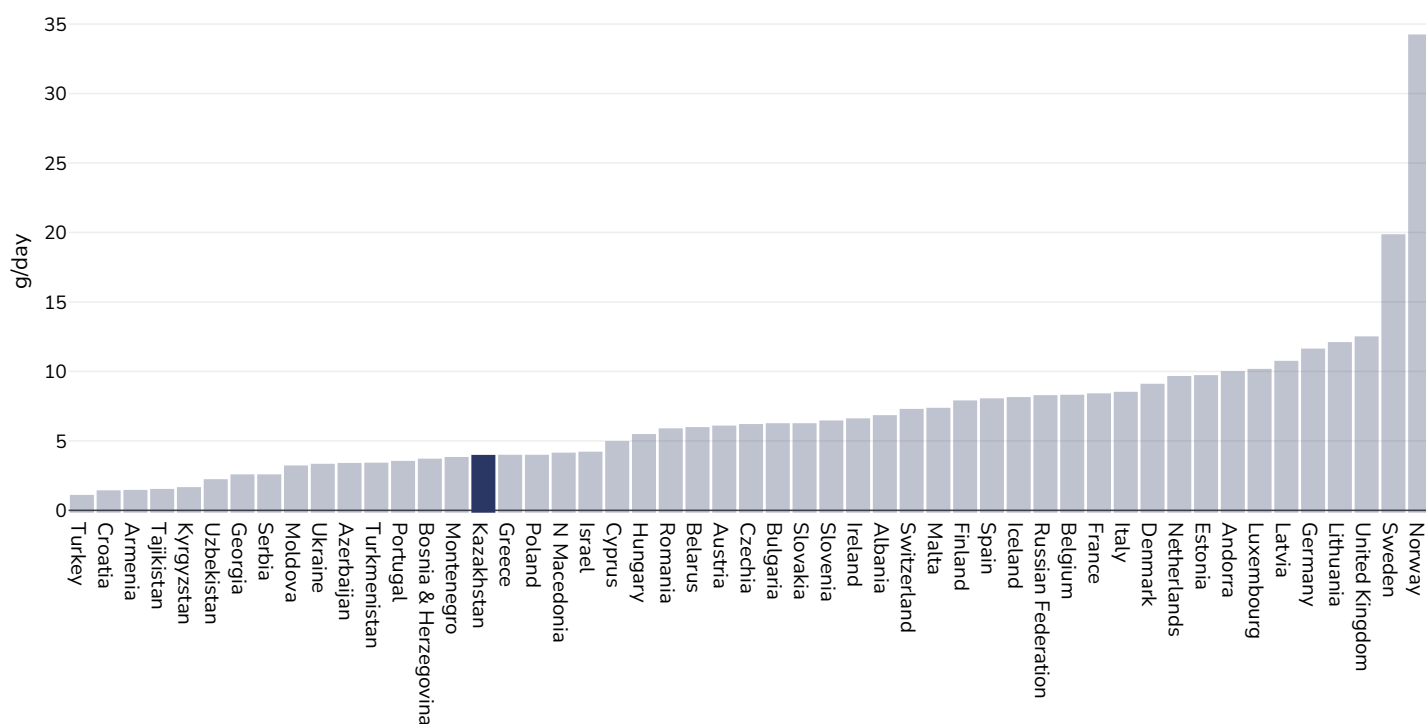
Girls, 2021-2022



Survey type:	Self-reported
Area covered:	National
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 international report from the 2021/2022 survey. Volume 4. Copenhagen: WHO Regional Office for Europe; 2024. Licence: CC BY-NC-SA 3.0 IGO
Definitions:	Prevalence of less-than-daily vegetable consumption (% less-than-daily vegetable consumption)

Estimated per-capita processed meat intake

Adults, 2017



Survey type: Measured

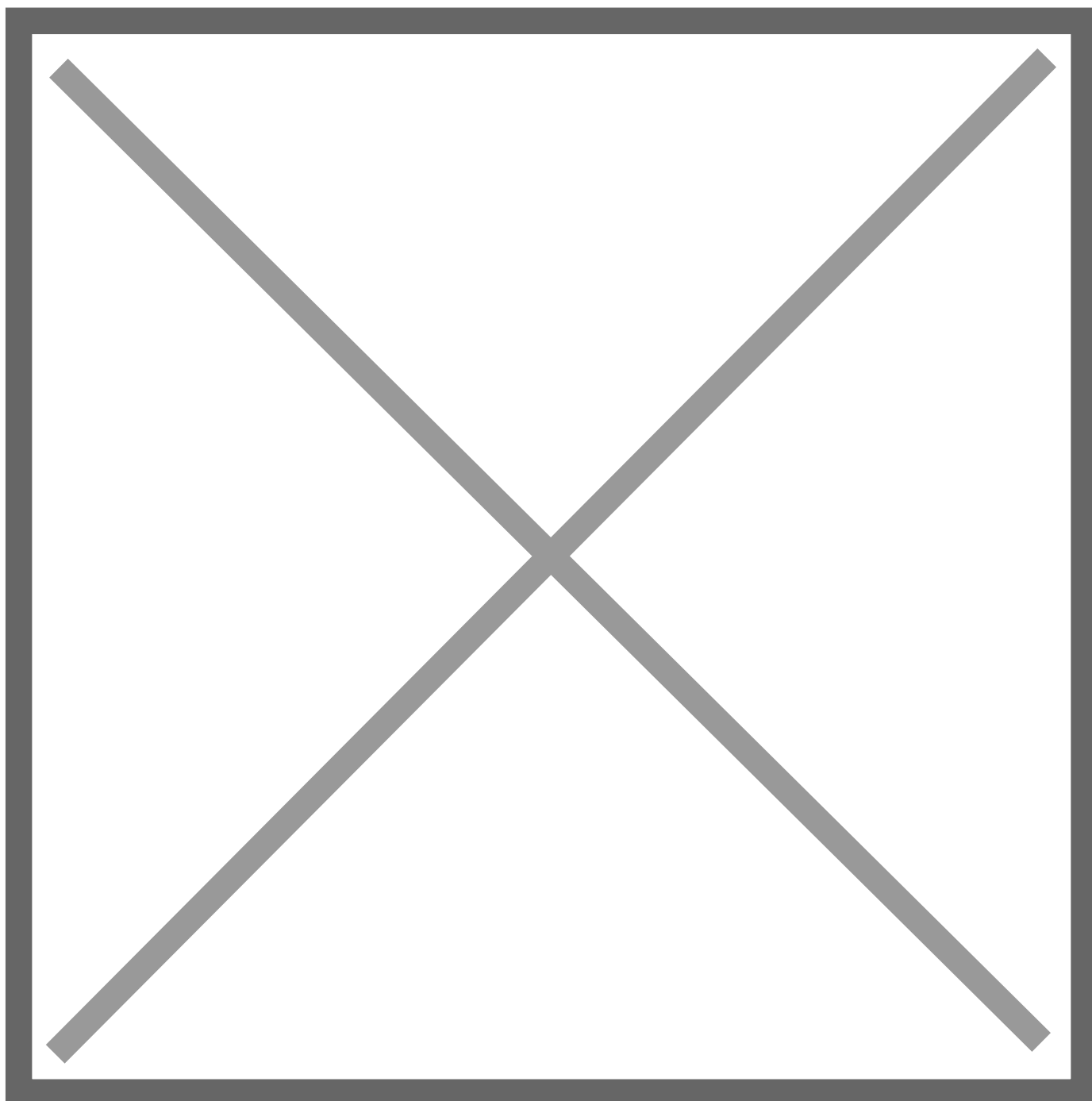
Age: 25+

References: Global Burden of Disease, the Institute for Health Metrics and Evaluation <http://ghdx.healthdata.org/>

Definitions: Estimated per-capita processed meat intake (g per day)

Estimated per capita whole grains intake

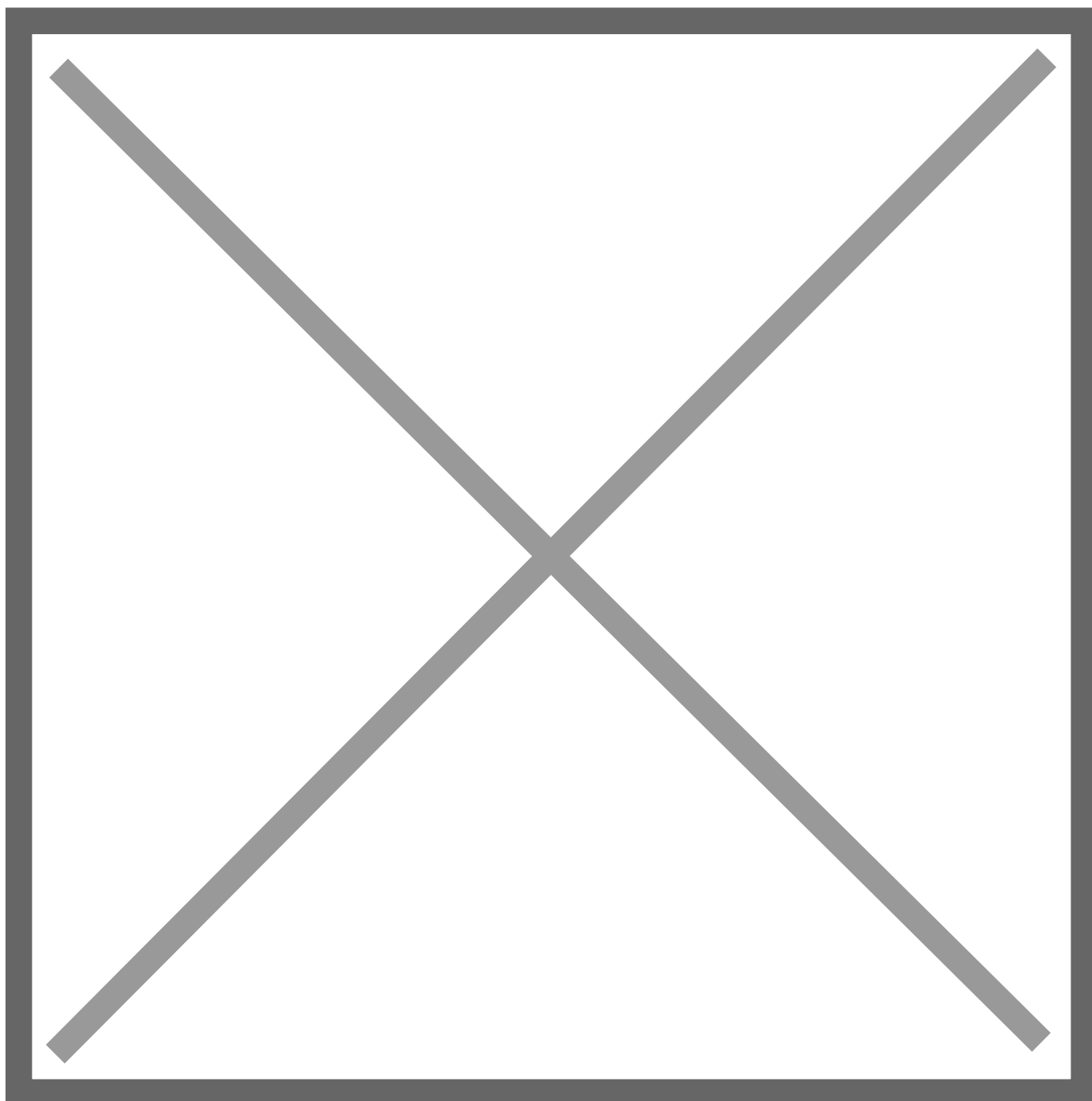
Adults, 2017



Survey type:	Measured
Age:	25+
References:	Global Burden of Disease, the Institute for Health Metrics and Evaluation http://ghdx.healthdata.org/
Definitions:	Estimated per-capita whole grains intake (g/day)

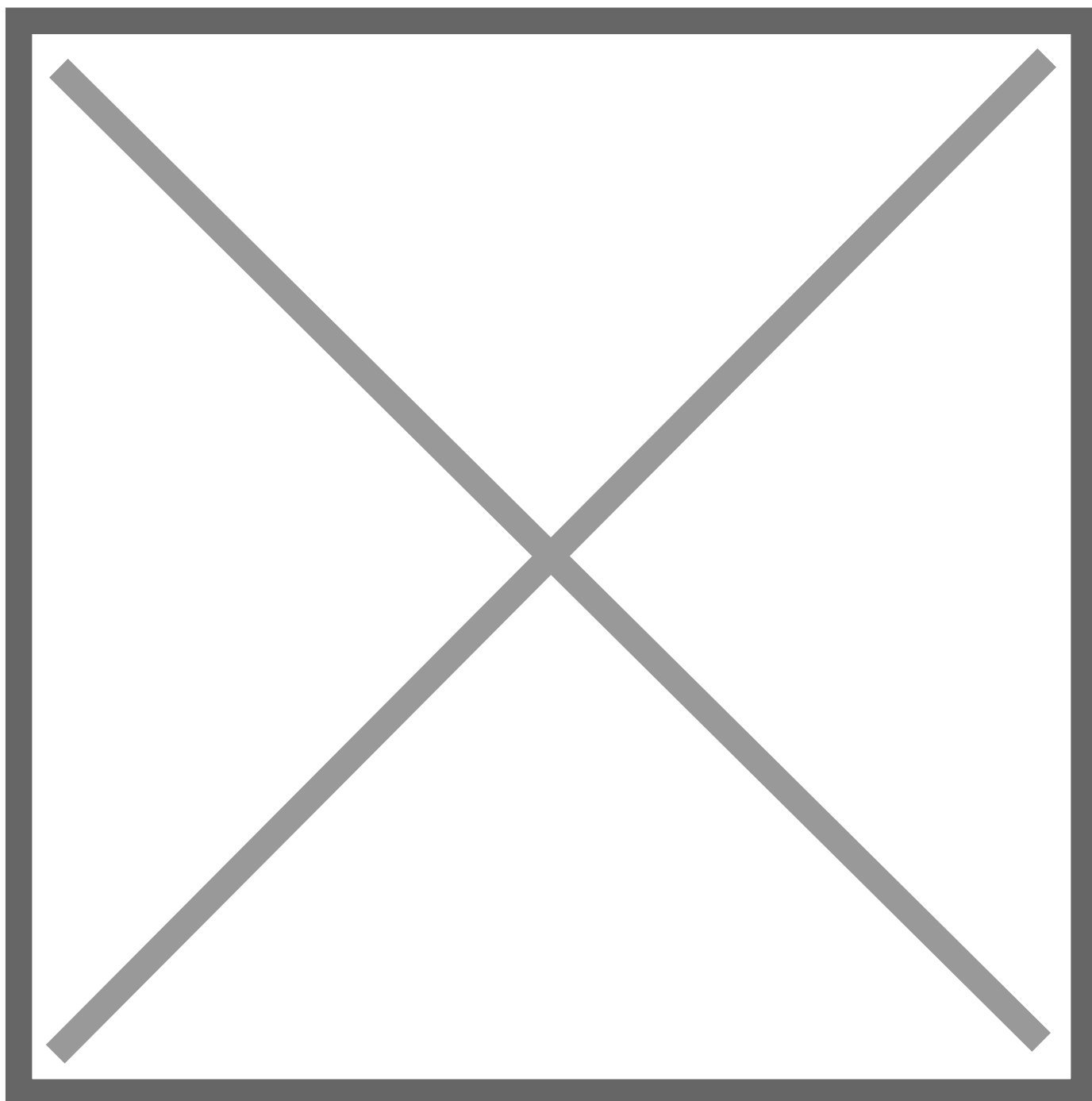
Mental health - depression disorders

Adults, 2021



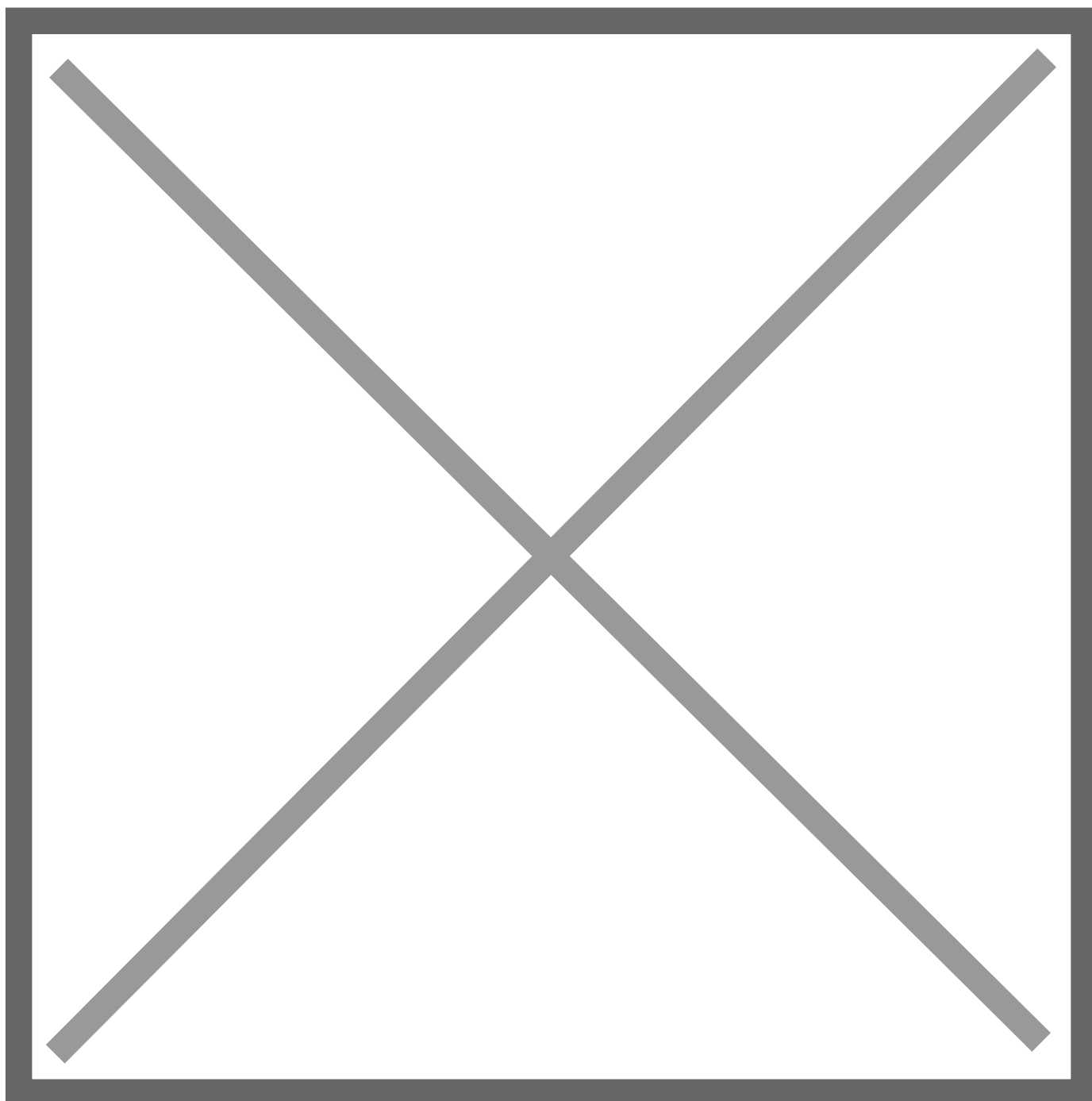
Age:	20+
Area covered:	National
References:	Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021. Seattle, WA: IHME, University of Washington, 2023. Available from http://vizhub.healthdata.org/gbd-compare . (Last accessed 23.04.25)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

Men, 2021



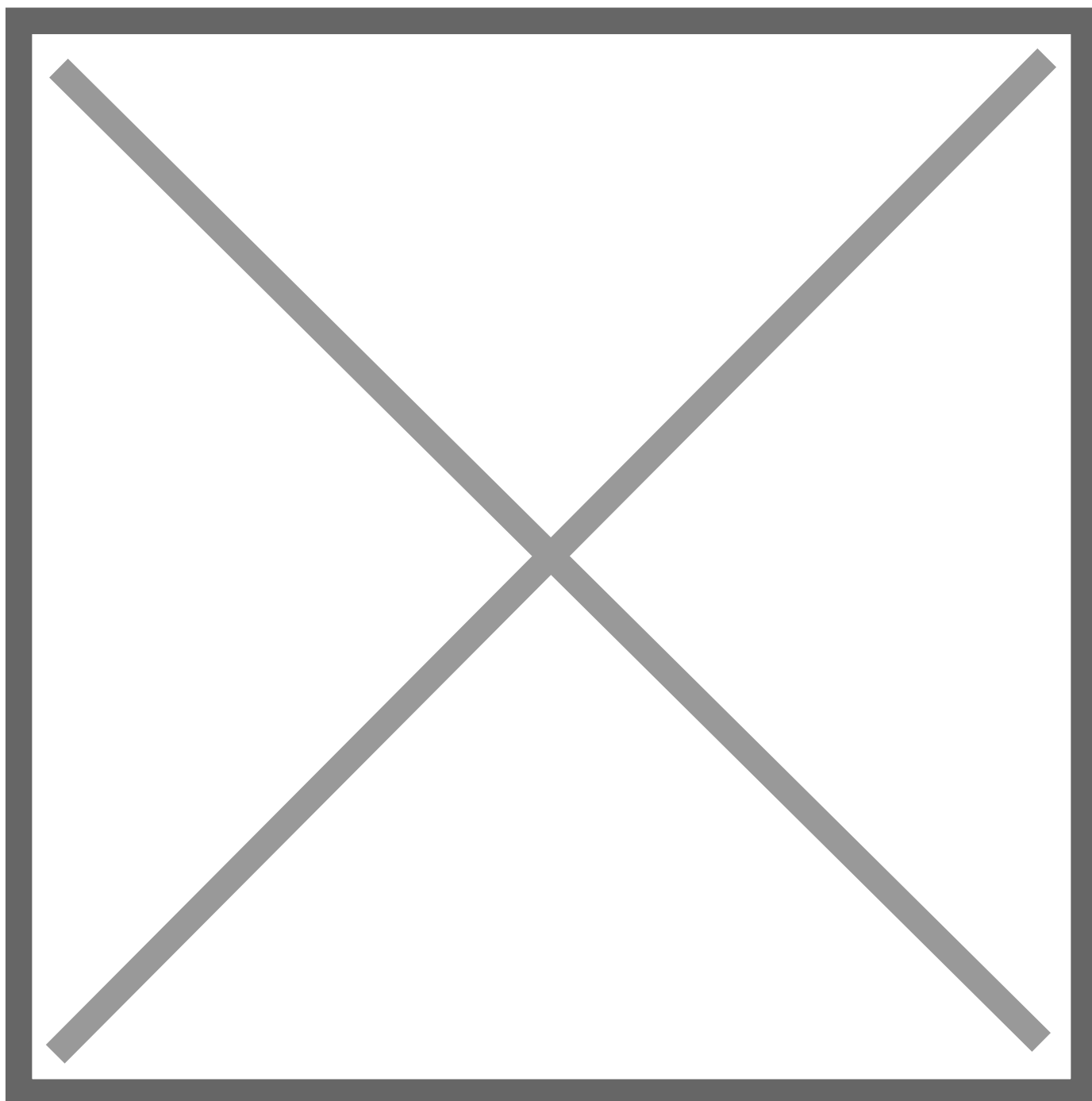
Age:	20+
Area covered:	National
References:	Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021. Seattle, WA: IHME, University of Washington, 2023. Available from http://vizhub.healthdata.org/gbd-compare . (Last accessed 23.04.25)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

Women, 2021



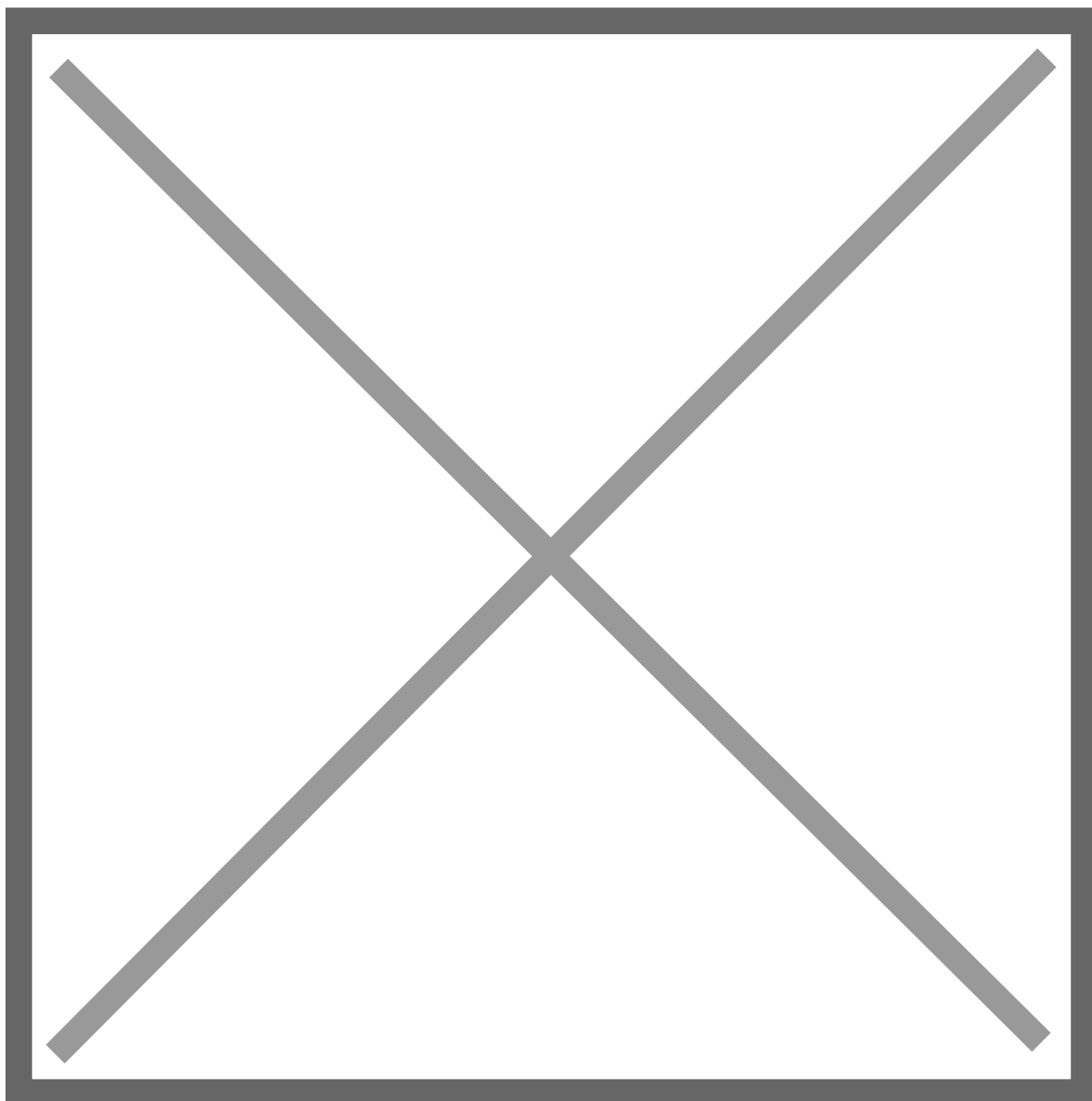
Age:	20+
Area covered:	National
References:	Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021. Seattle, WA: IHME, University of Washington, 2023. Available from http://vizhub.healthdata.org/gbd-compare . (Last accessed 23.04.25)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

Children, 2021



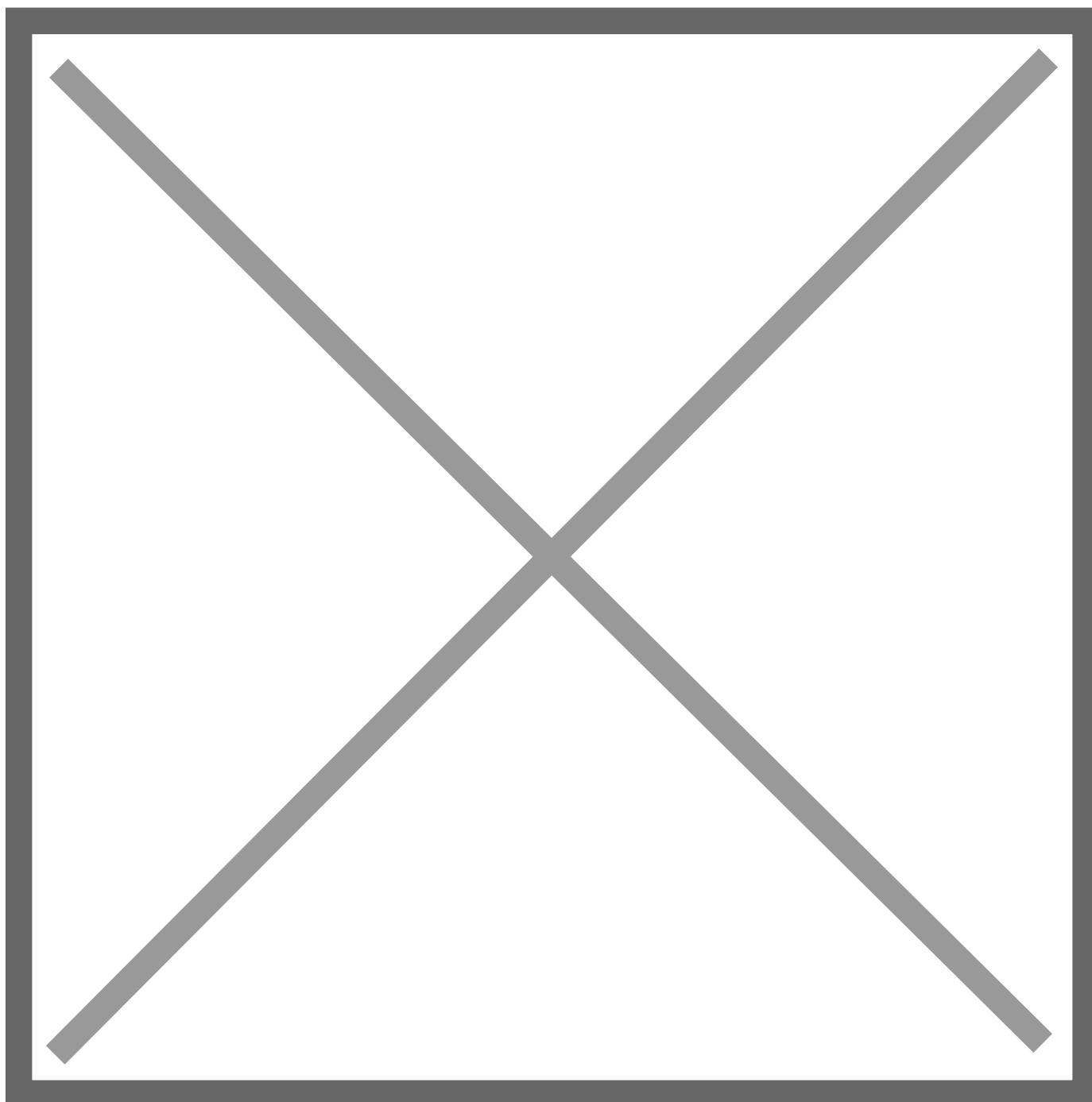
Area covered:	National
References:	Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021. Seattle, WA: IHME, University of Washington, 2023. Available from http://vizhub.healthdata.org/gbd-compare . (Last accessed 23.04.25)
Definitions:	Number living with depressive disorder per 100,000 population (Under 20 years of age)

Boys, 2021



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 depressive disorder per 100,000 population (Under 20 years of age)

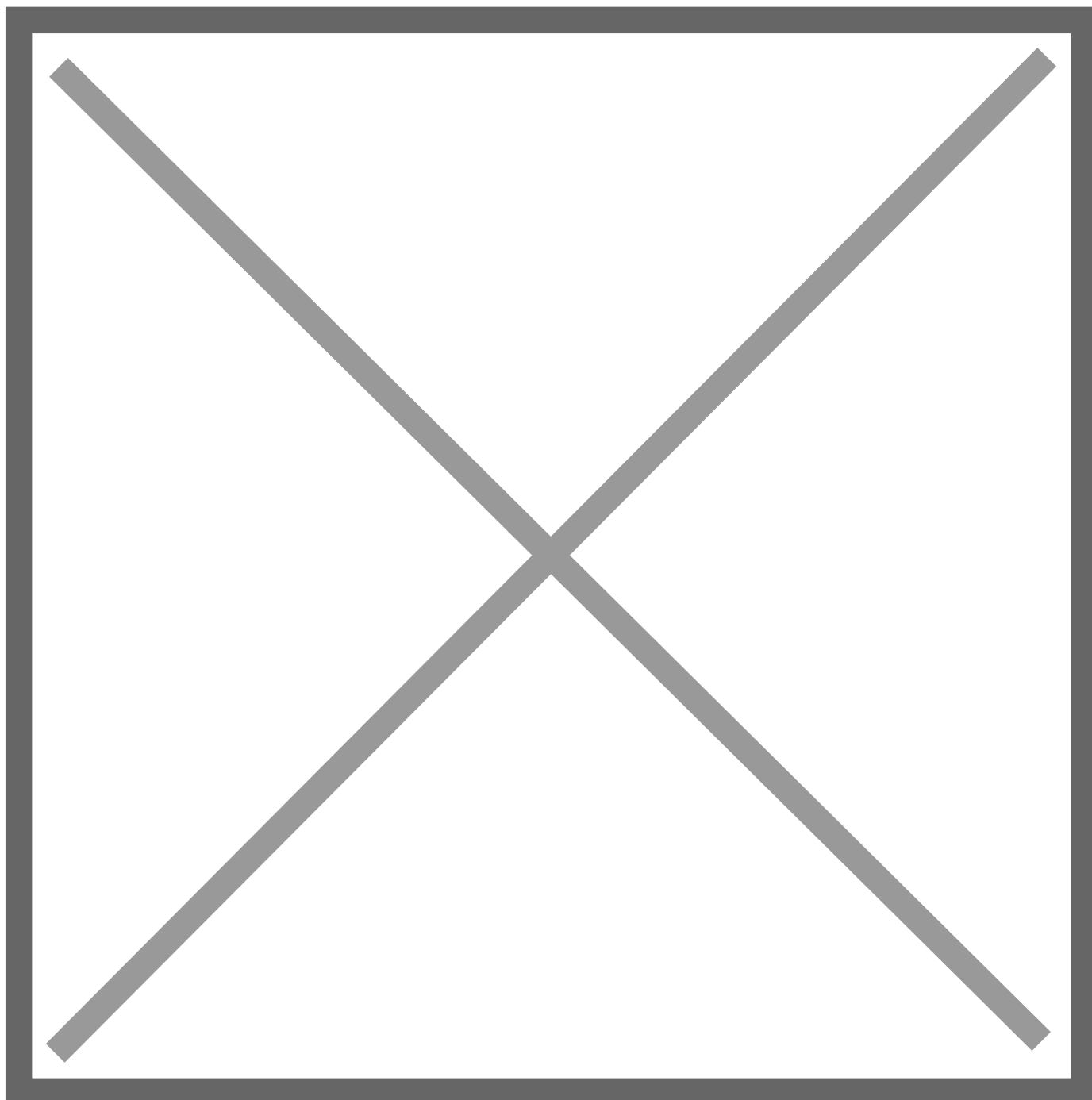
Girls, 2021



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 depressive disorder per 100,000 population (Under 20 years of age)

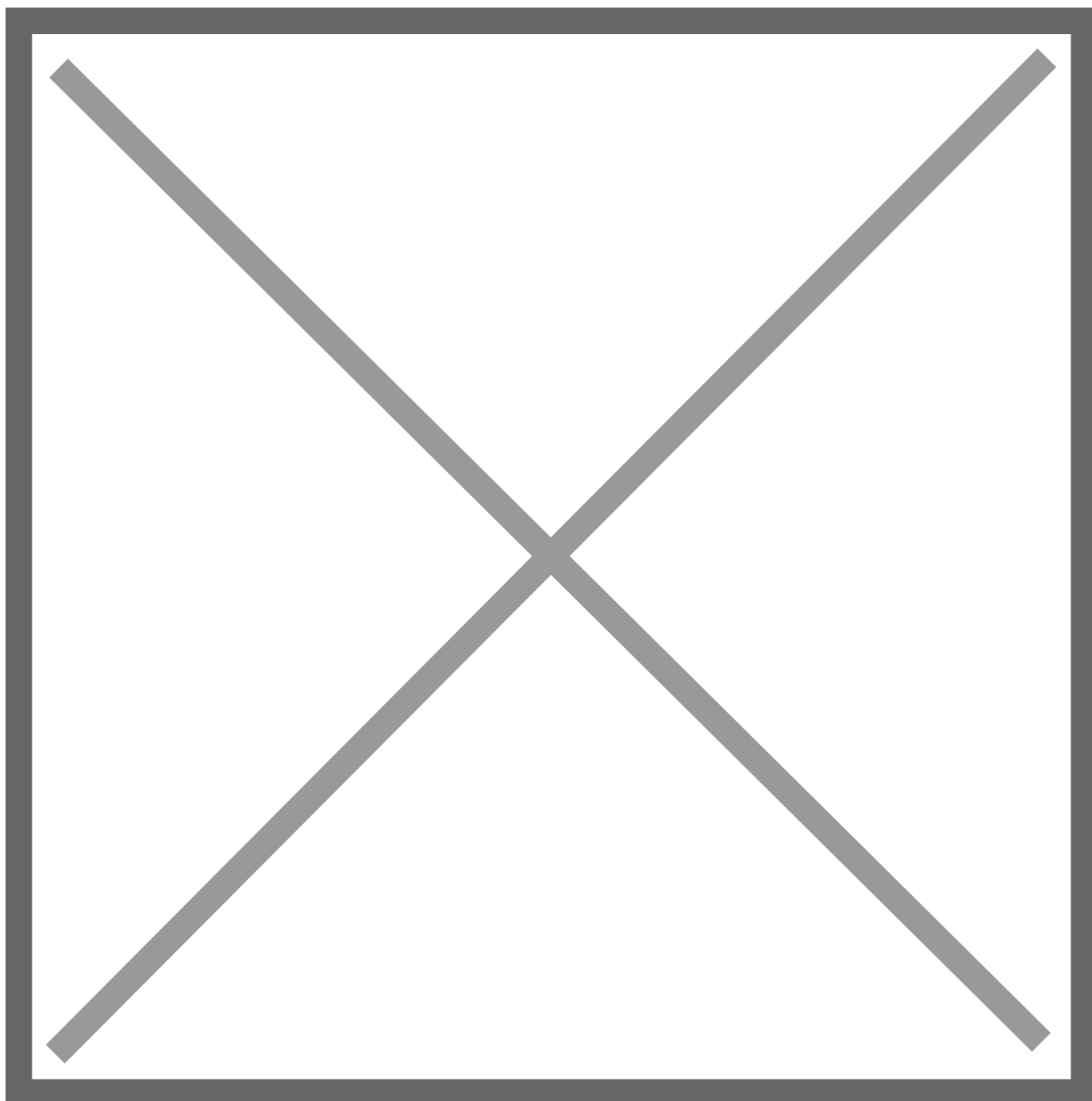
Mental health - anxiety disorders

Adults, 2021



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 http://vizhub.healthdata.org/gbd-compare . (Last accessed 23.04.25).
Definitions:	Number living with anxiety per 100,000 population

Men, 2021

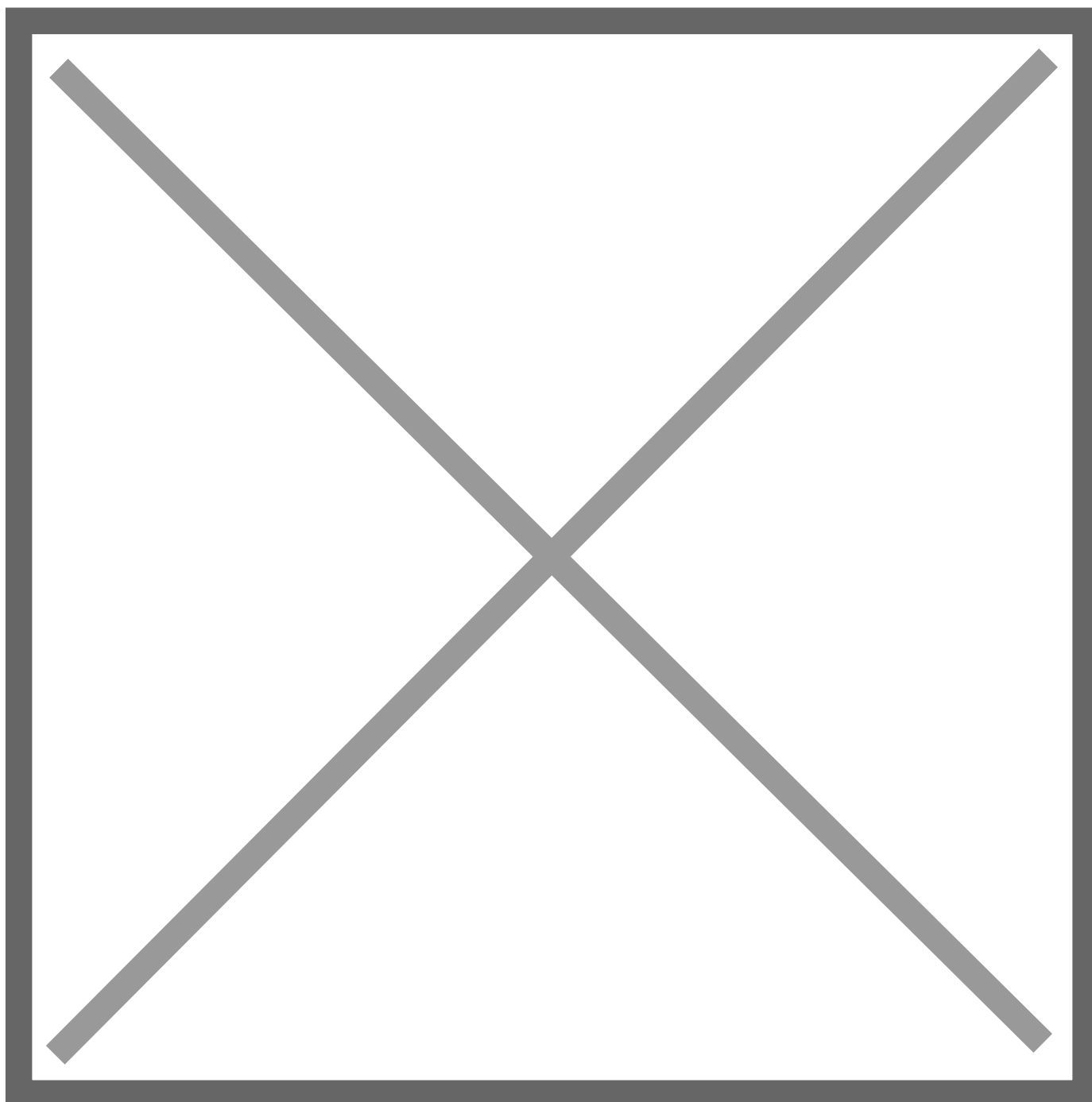


Age: 20+

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 <http://vizhub.healthdata.org/gbd-compare>. (Last accessed 23.04.25).

Definitions: Number living with anxiety per 100,000 population

Women, 2021

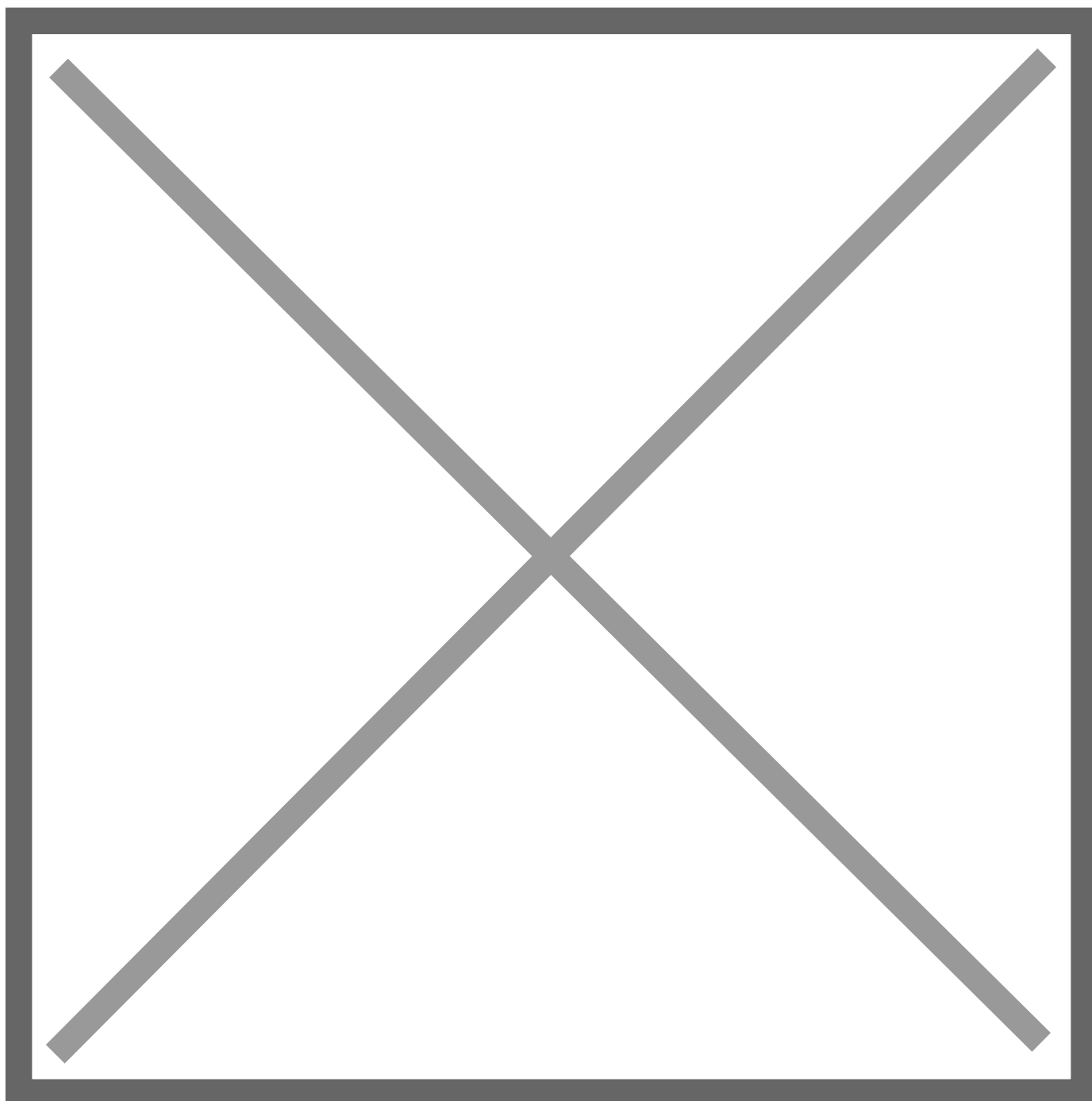


Age: 20+

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 <http://vizhub.healthdata.org/gbd-compare>. (Last accessed 23.04.25).

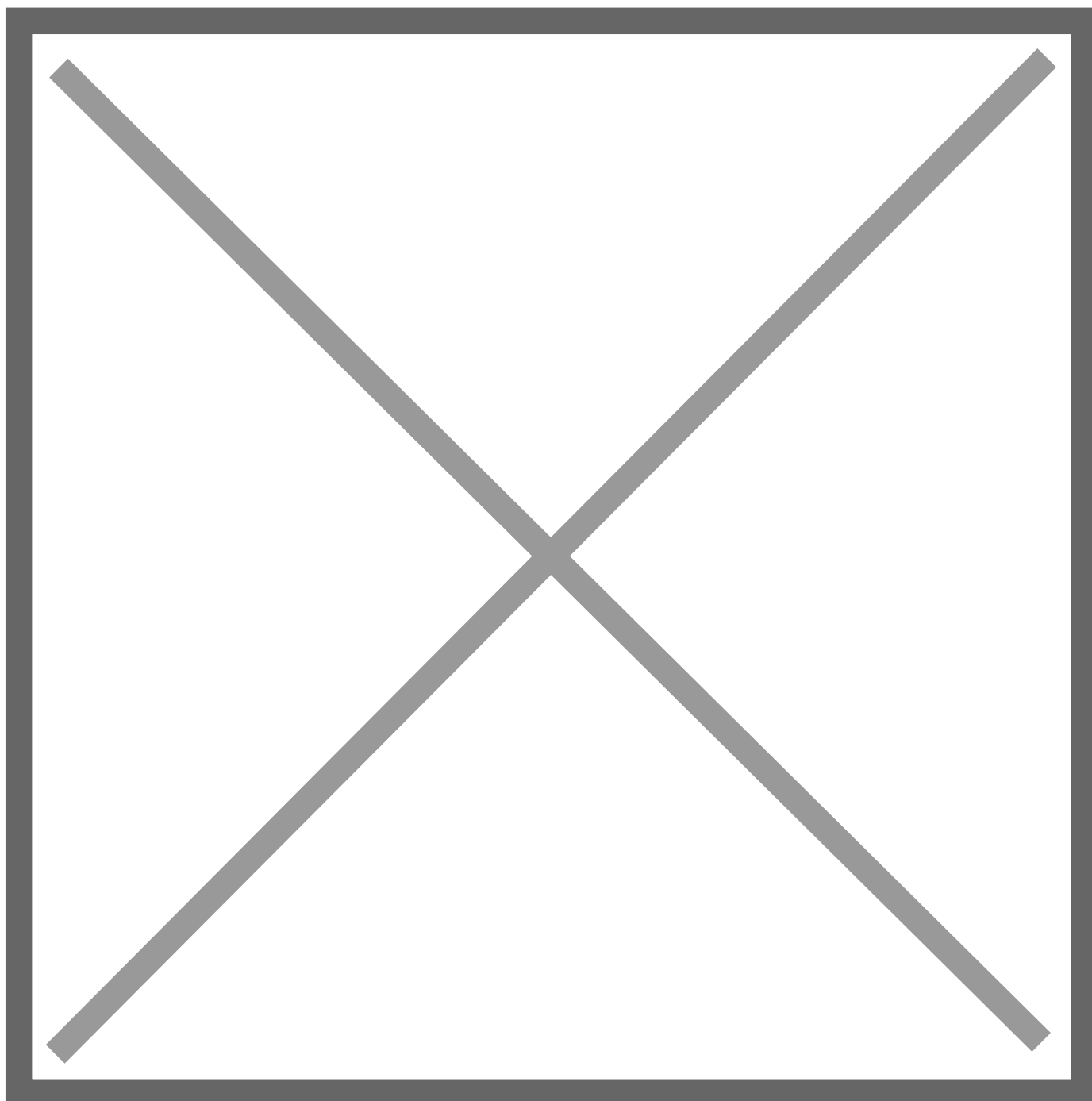
Definitions: Number living with anxiety per 100,000 population

Children, 2021

**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)

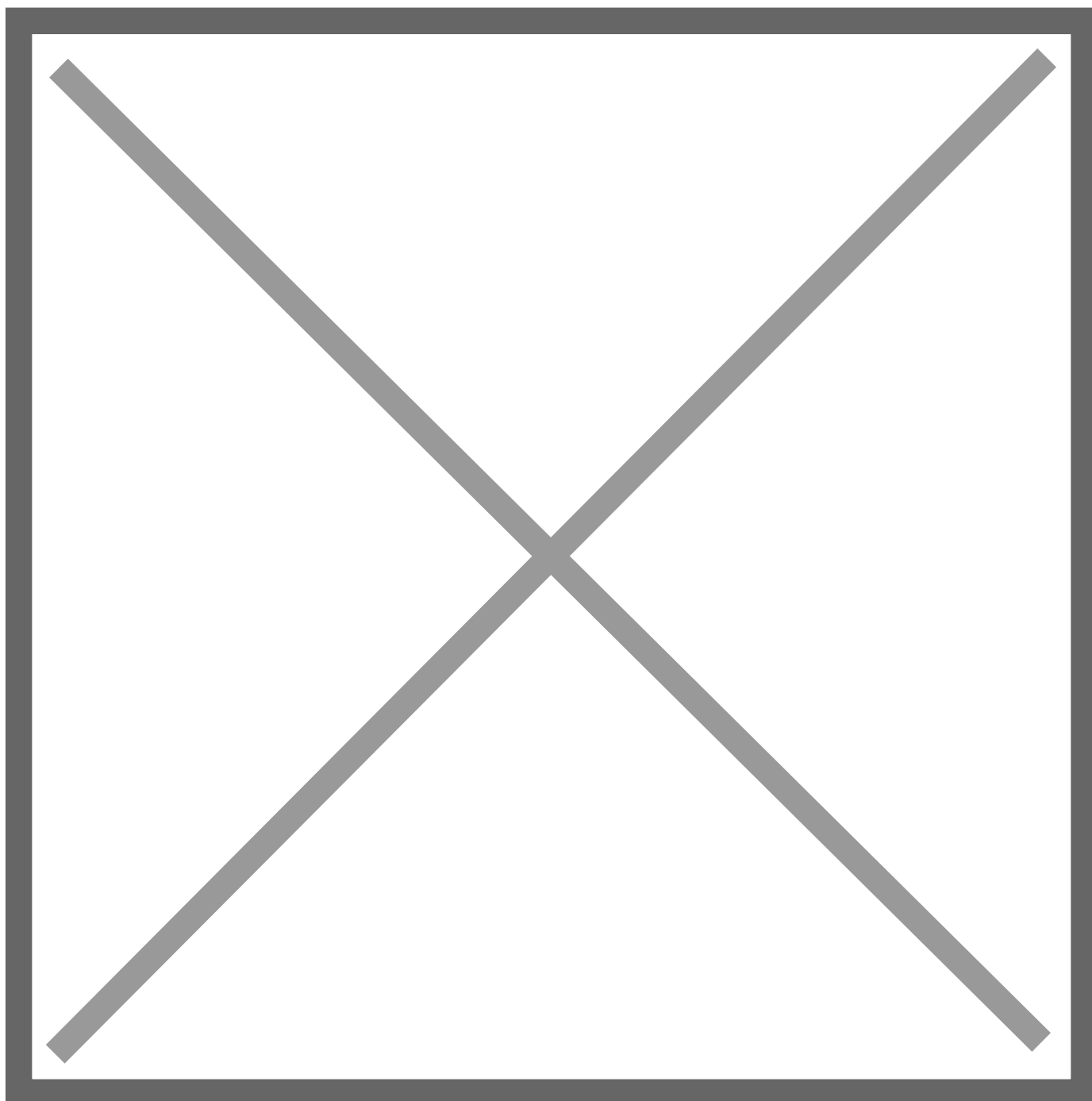
Boys, 2021



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

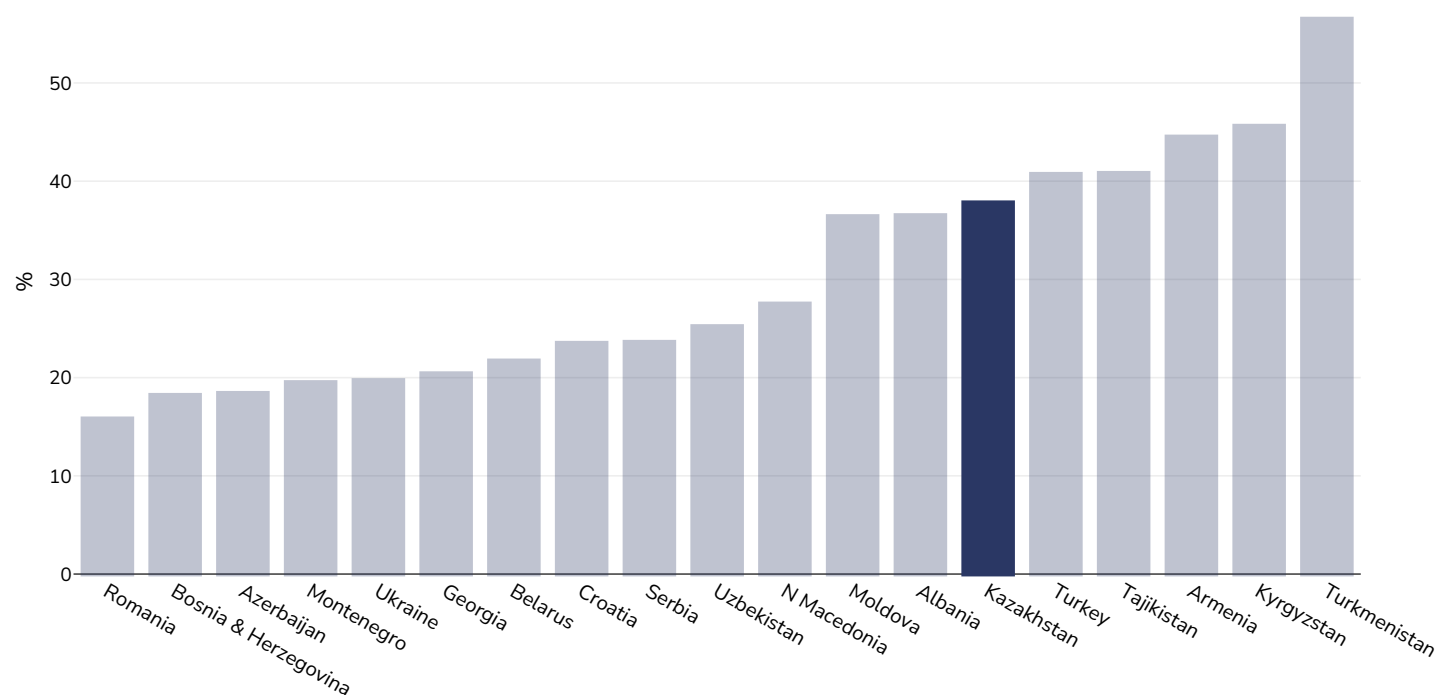


References:

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)

% Infants exclusively breastfed 0-5 months

0-5 years, 1996-2023

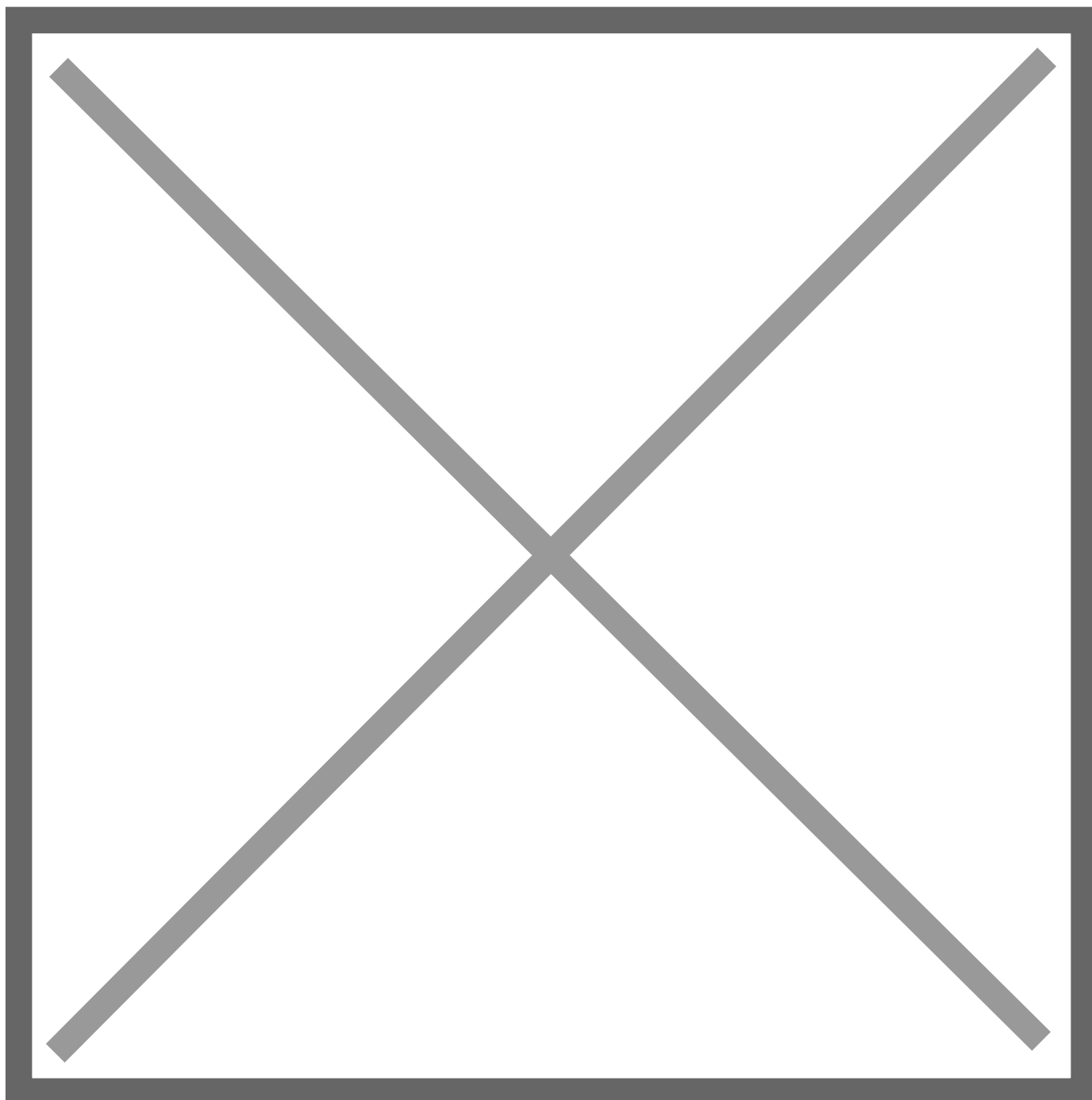


References: 2015 Kazakhstan Multiple Indicator Cluster Survey, Final Report. Astana, Kazakhstan: The Statistics Committee of the Ministry of National Economy of the Republic of Kazakhstan, 2016.

Notes: Full details are available. Original citation United Nations Children's Fund, Division of Data, Analysis, Planning and Monitoring (2023). Global UNICEF Global Databases: Infant and Young Child Feeding: Exclusive breastfeeding, New York, October 2023.

Percent of population who cannot afford a healthy diet

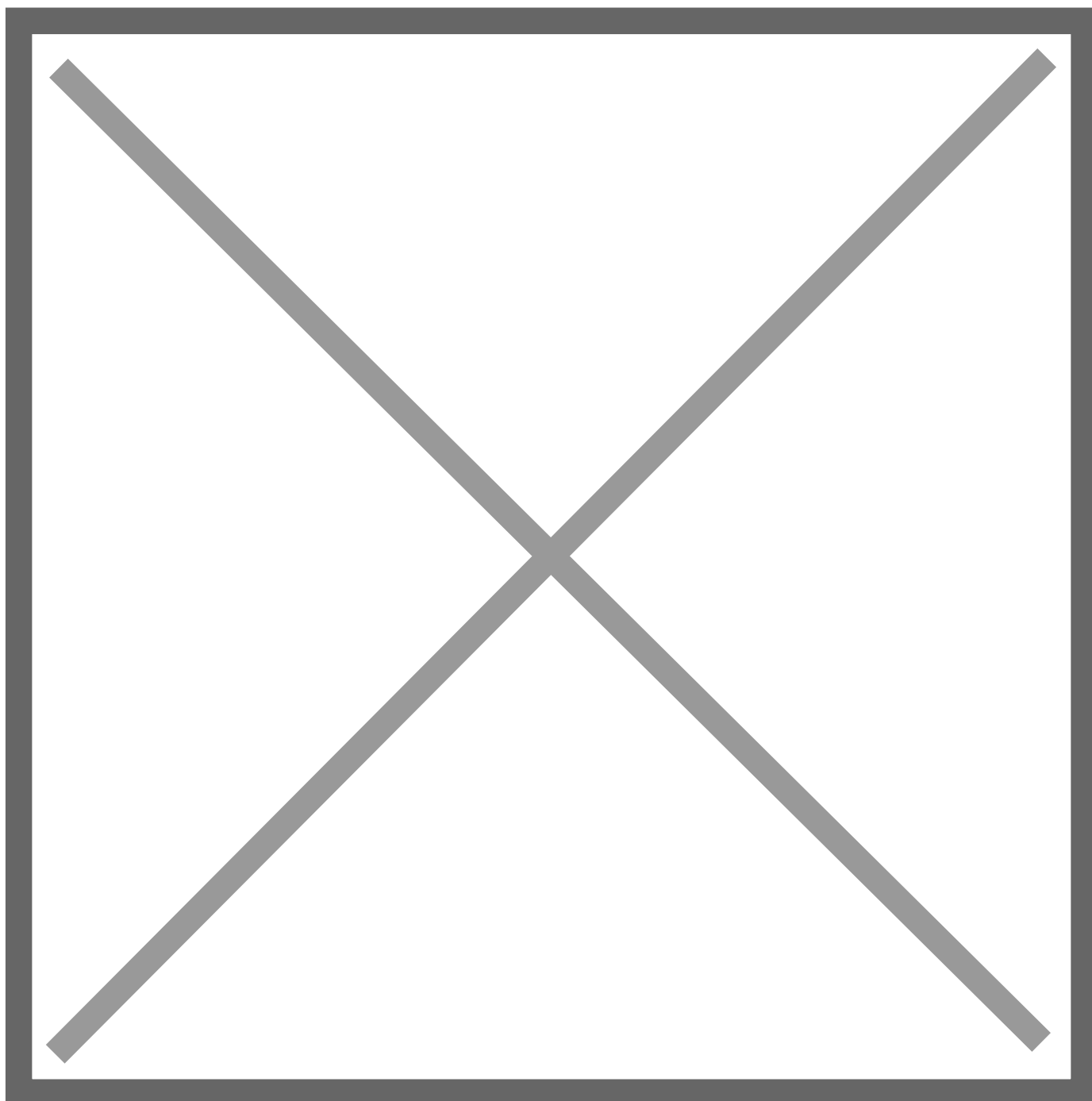
Adults, 2024



Area covered:	National
References:	FAO. 2025. FAOSTAT: Cost and Affordability of a Healthy Diet (CoAHD). https://www.fao.org/faostat/en/#data/CAHD . Licence: CC-BY-4.0. [Last Accessed 15.10.25]
Notes:	The percent of the population whose food budget is below the cost of a healthy diet.

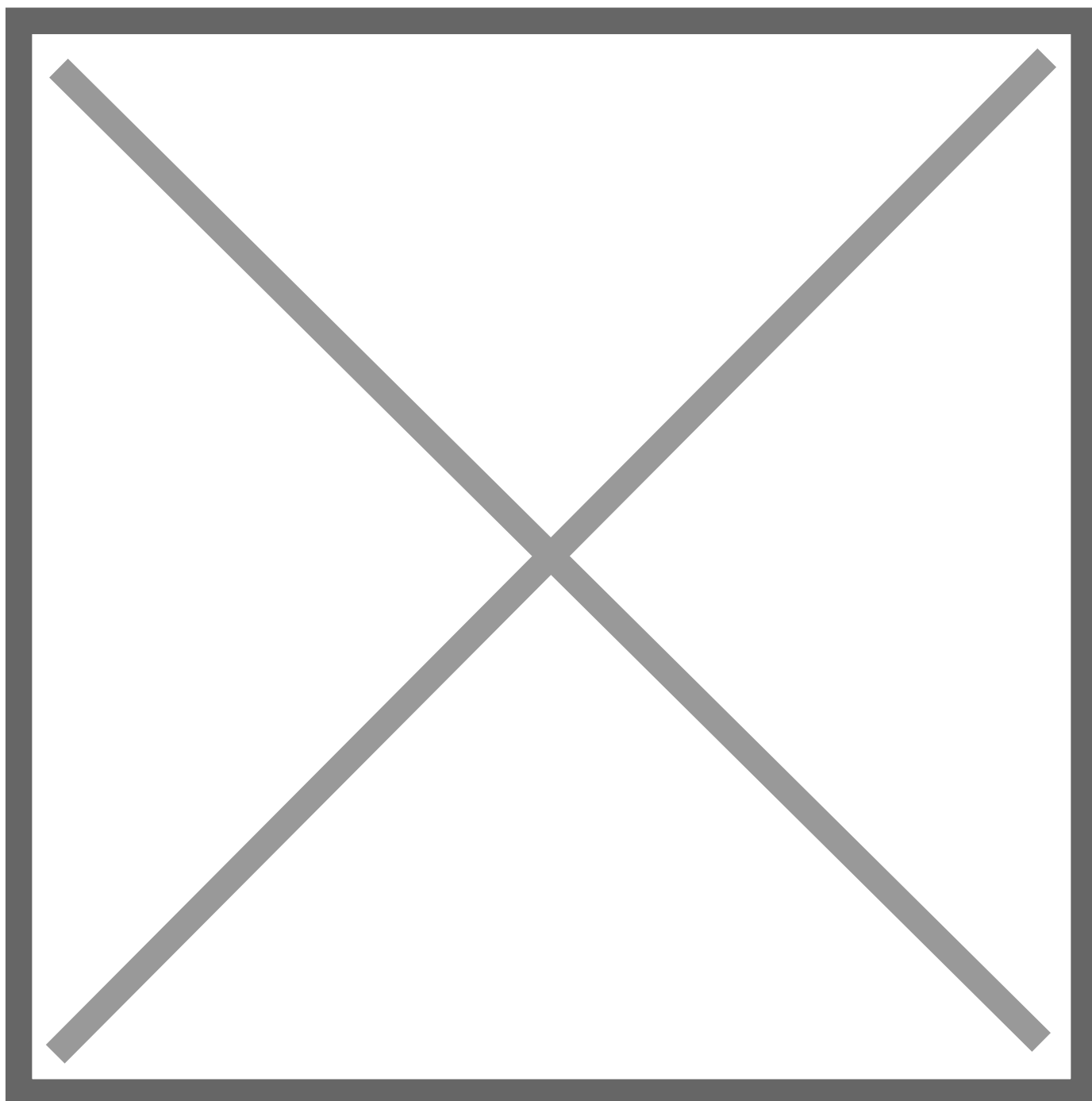
Oesophageal cancer

Men, 2022



Age:	20+
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:	Incidence per 100,000

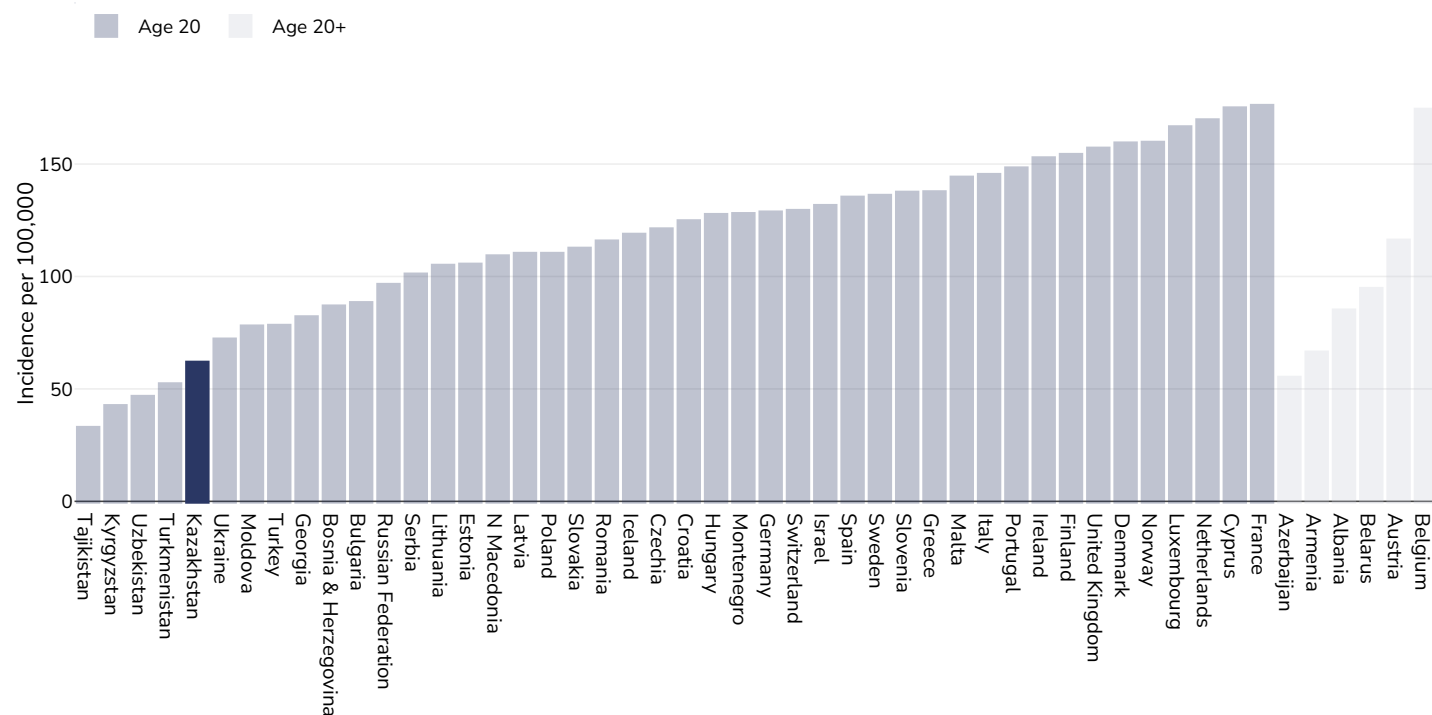
Women, 2022



Age:	20+
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:	Incidence per 100,000

Breast cancer

Women, 2022



Area covered:

National

References:

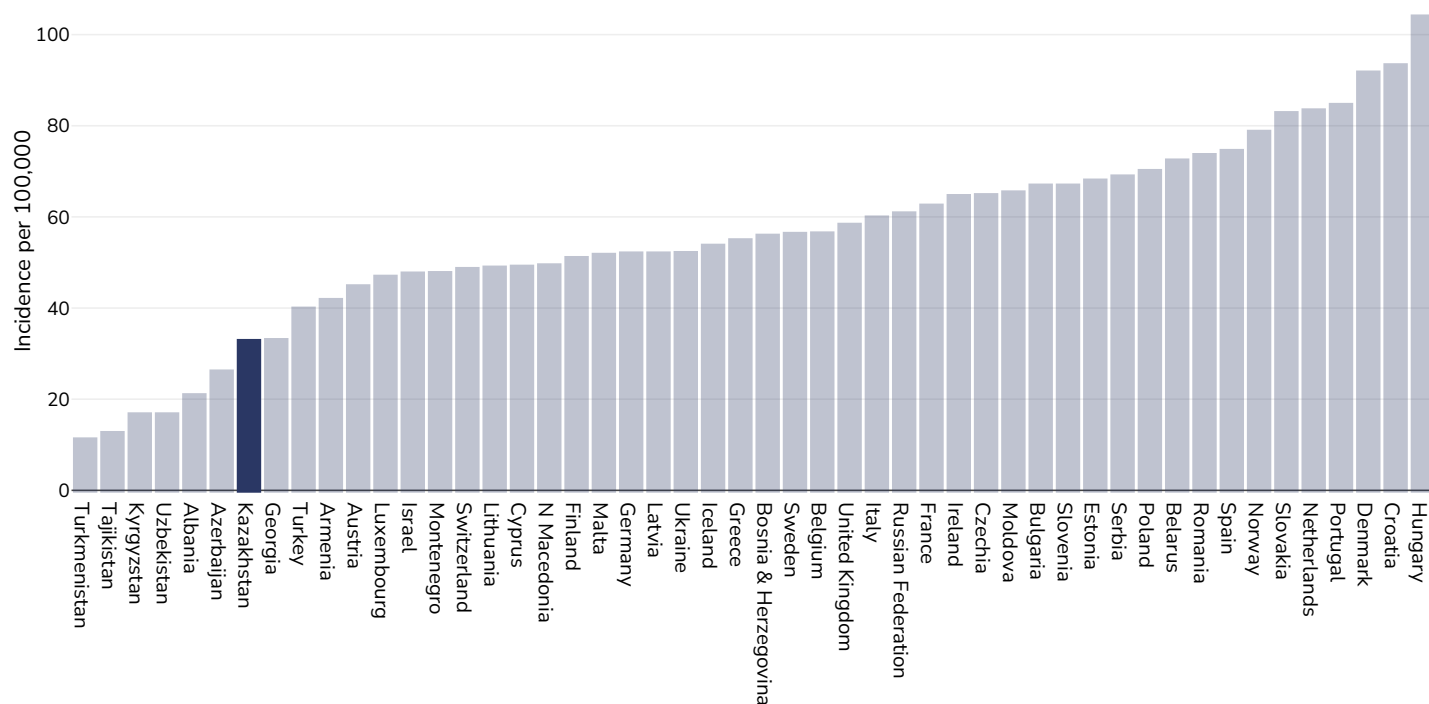
Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions:

Incidence per 100,000

Colorectal cancer

Men, 2022



Area covered:

National

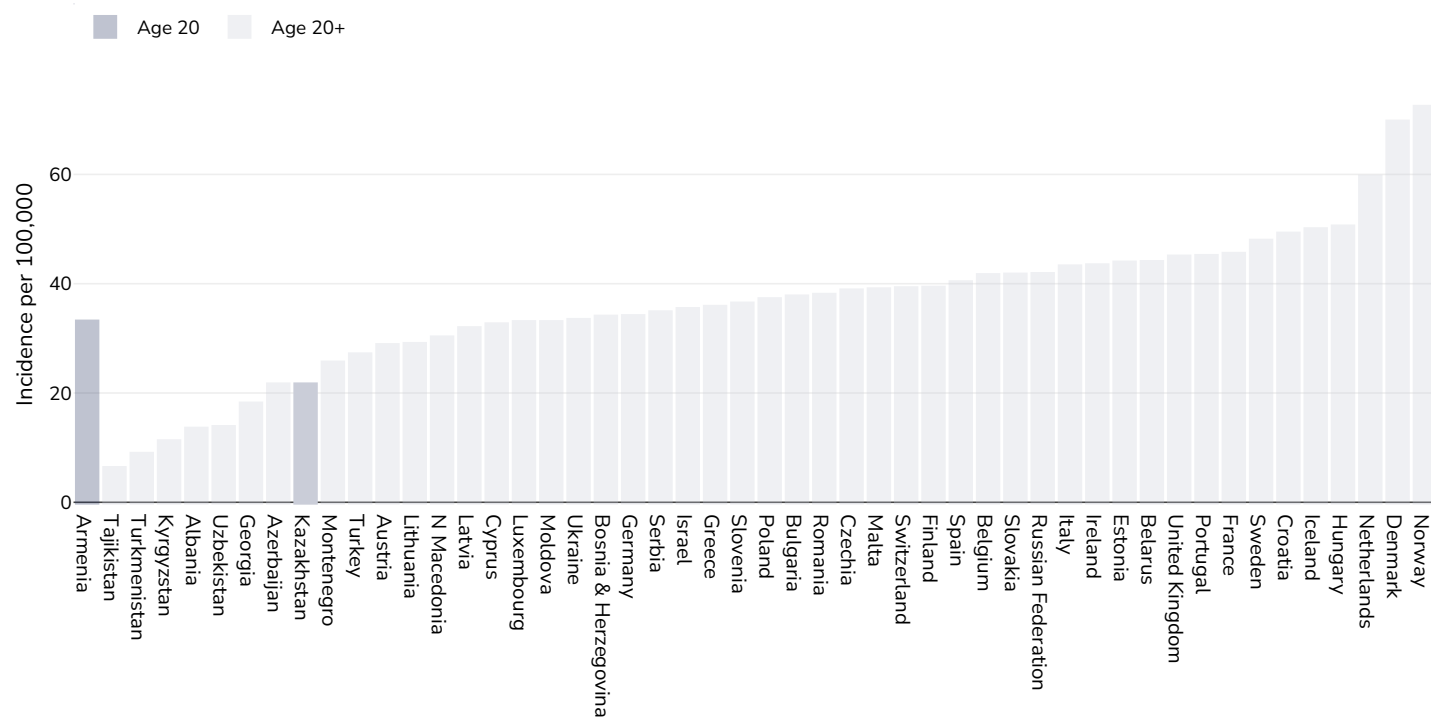
References:

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:

Incidence per 100,000

Women, 2022



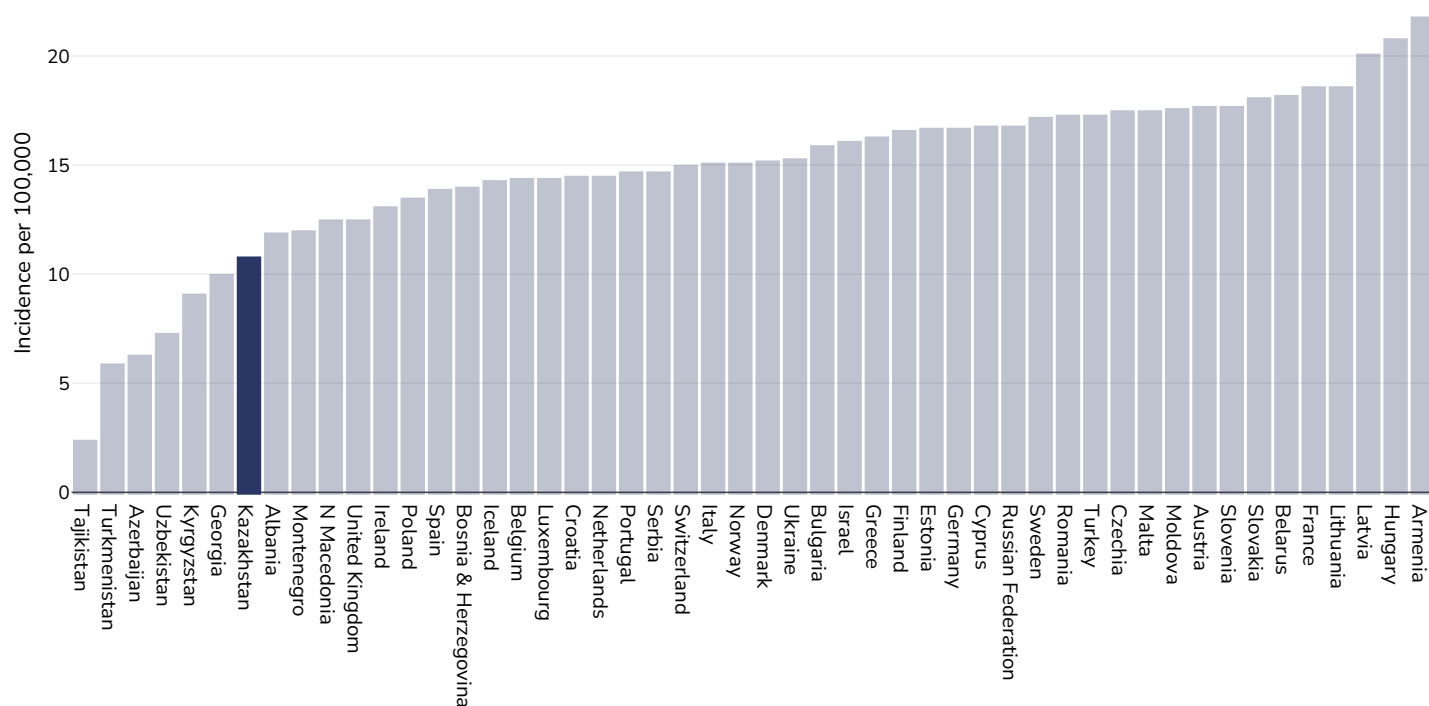
Area covered: National

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: Incidence per 100,000

Pancreatic cancer

Men, 2022



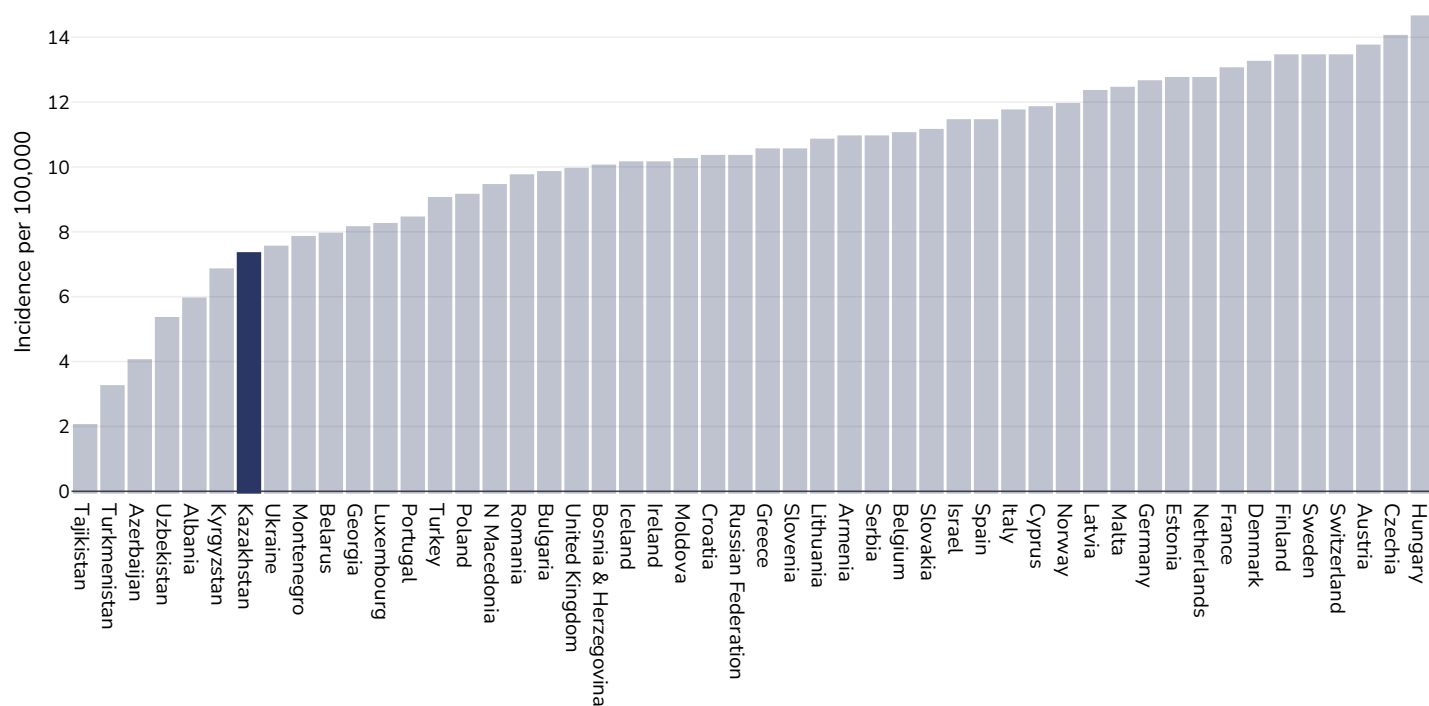
Age: 20+

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: Incidence per 100,000

Women, 2022



Age: 20+

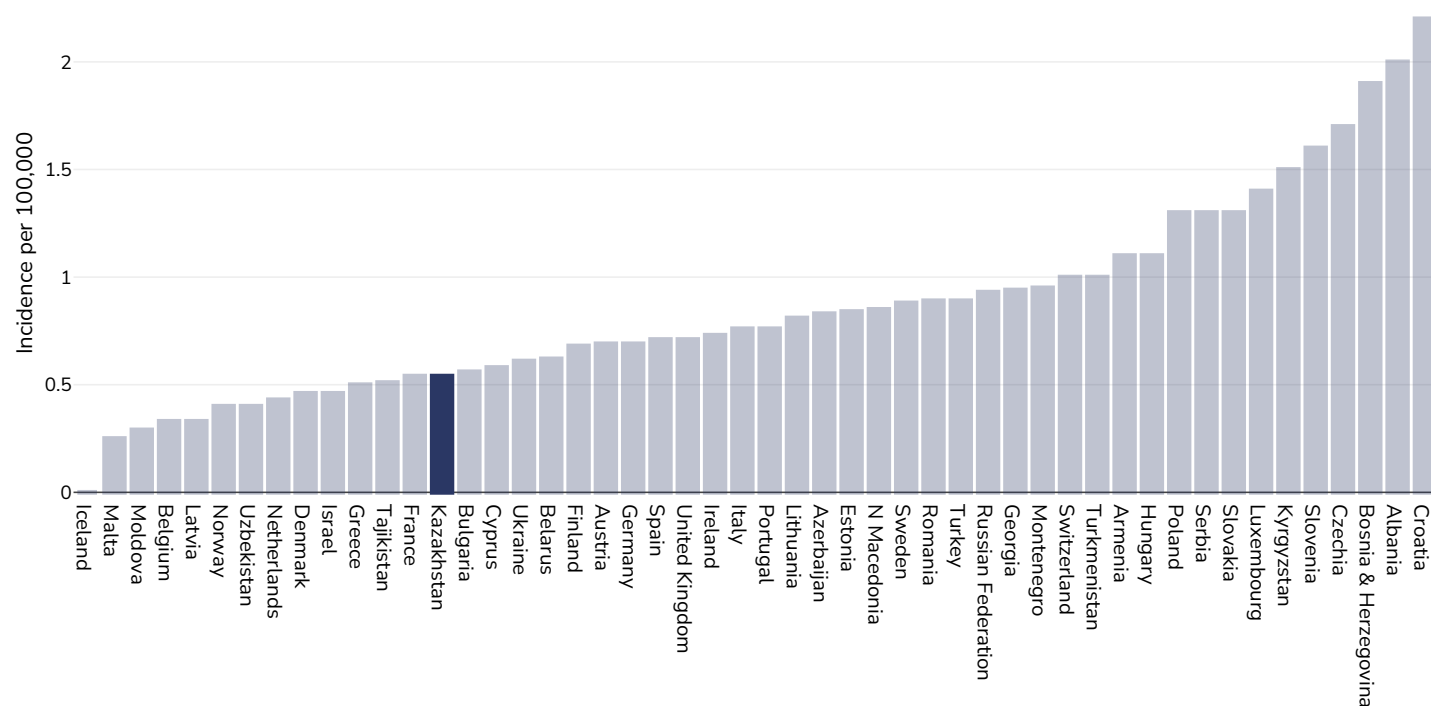
Area covered: National

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: Incidence per 100,000

Gallbladder cancer

Men, 2022



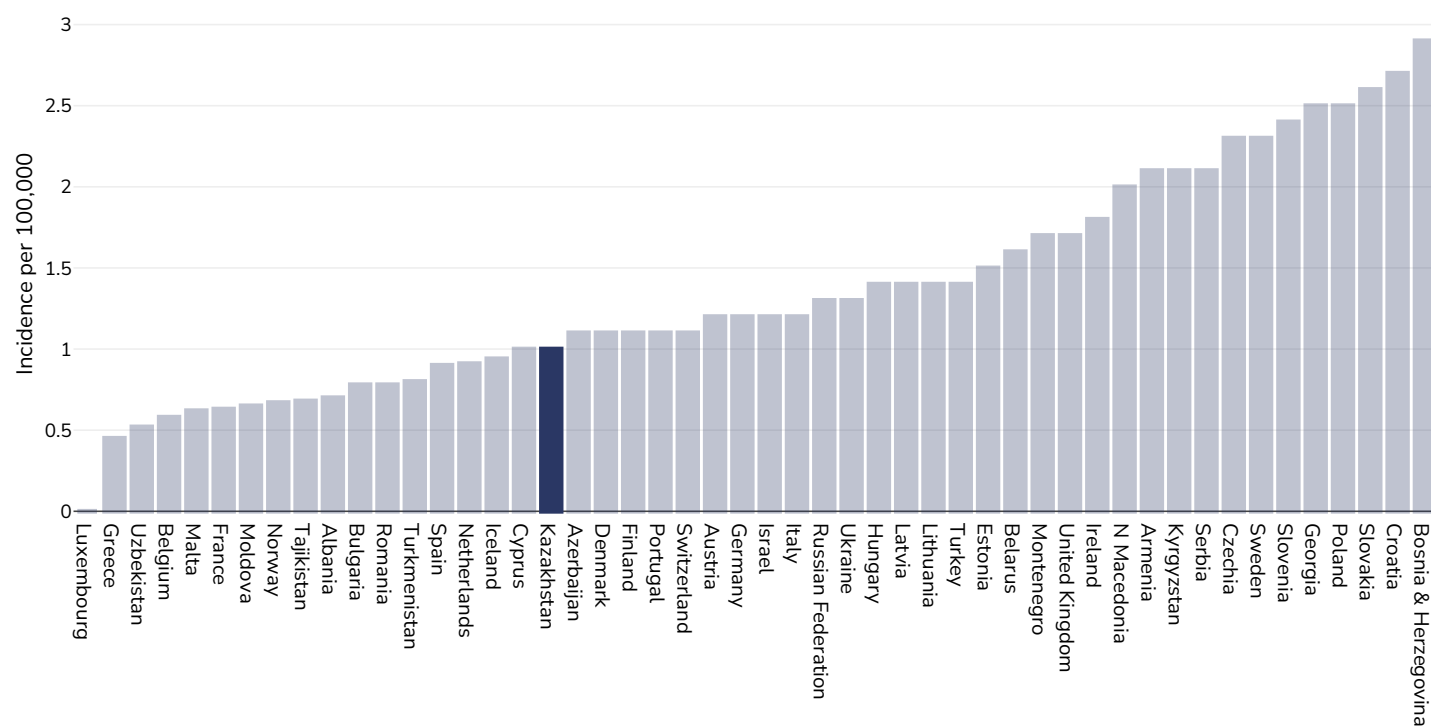
Age: 20+

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: Incidence per 100,000

Women, 2022



Age: 20+

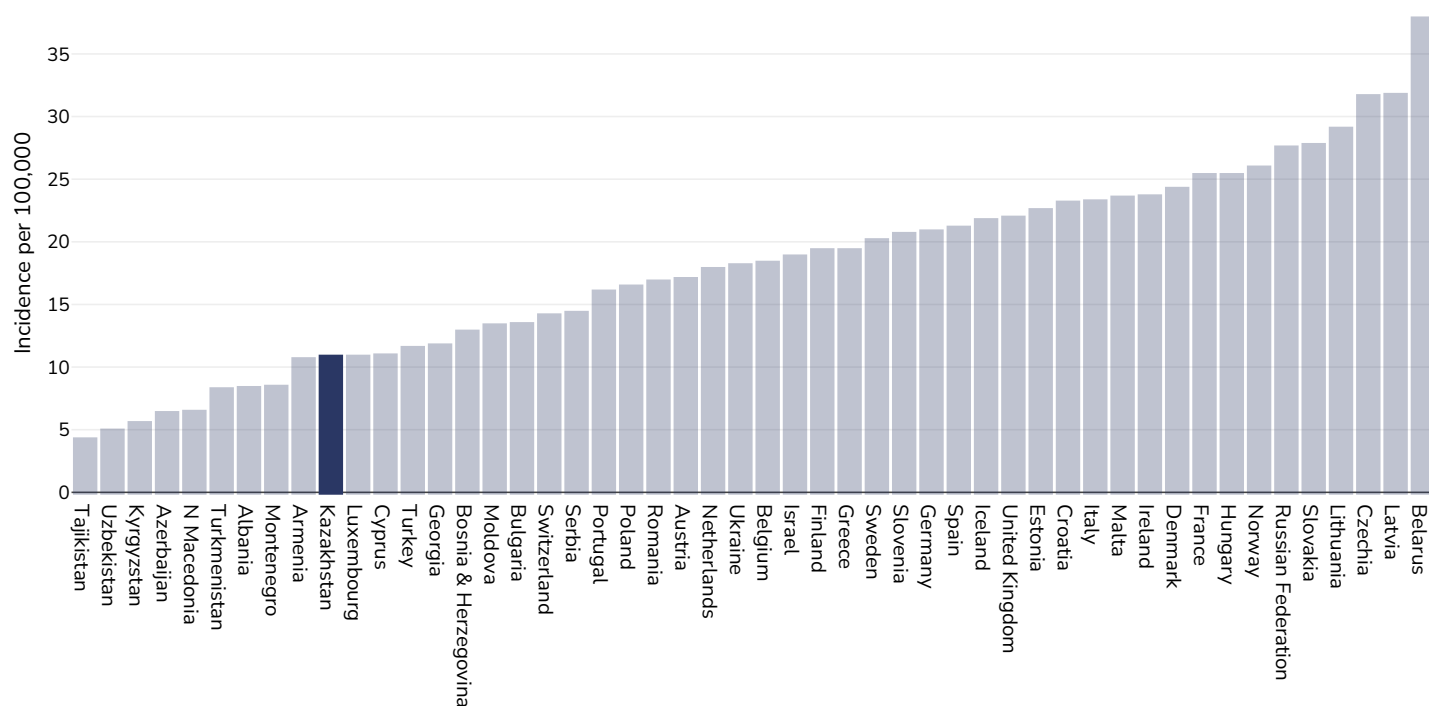
Area covered: National

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: Incidence per 100,000

Kidney cancer

Men, 2022



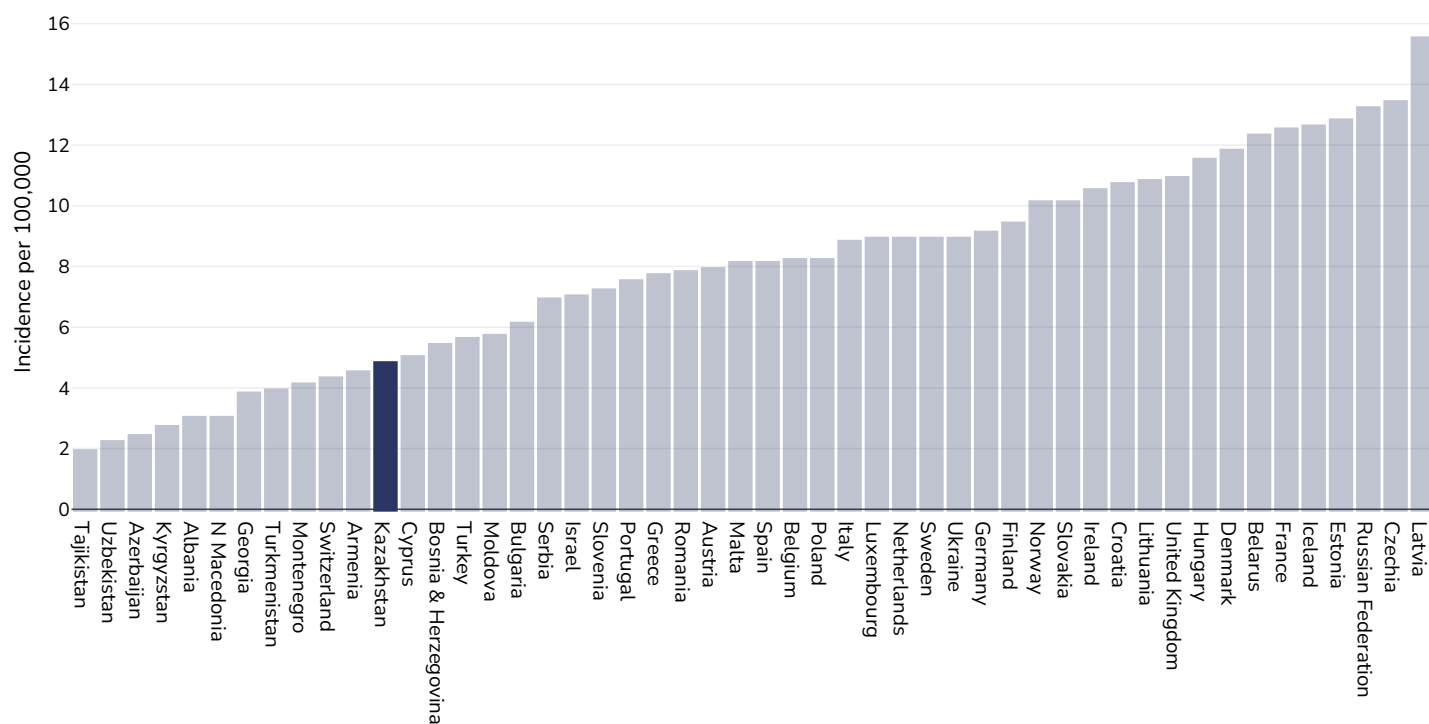
Age: 20+

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: Incidence per 100,000

Women, 2022



Age: 20+

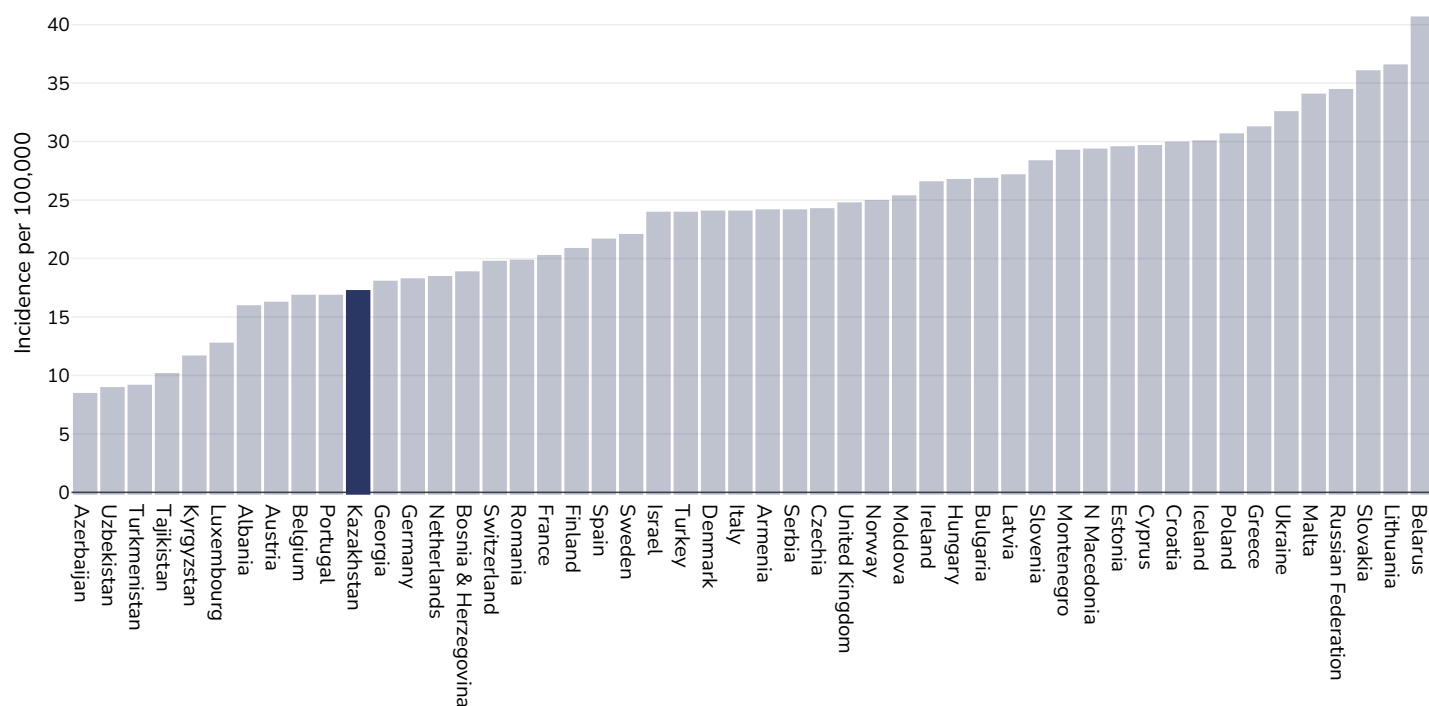
Area covered: National

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: Incidence per 100,000

Cancer of the uterus

Women, 2022



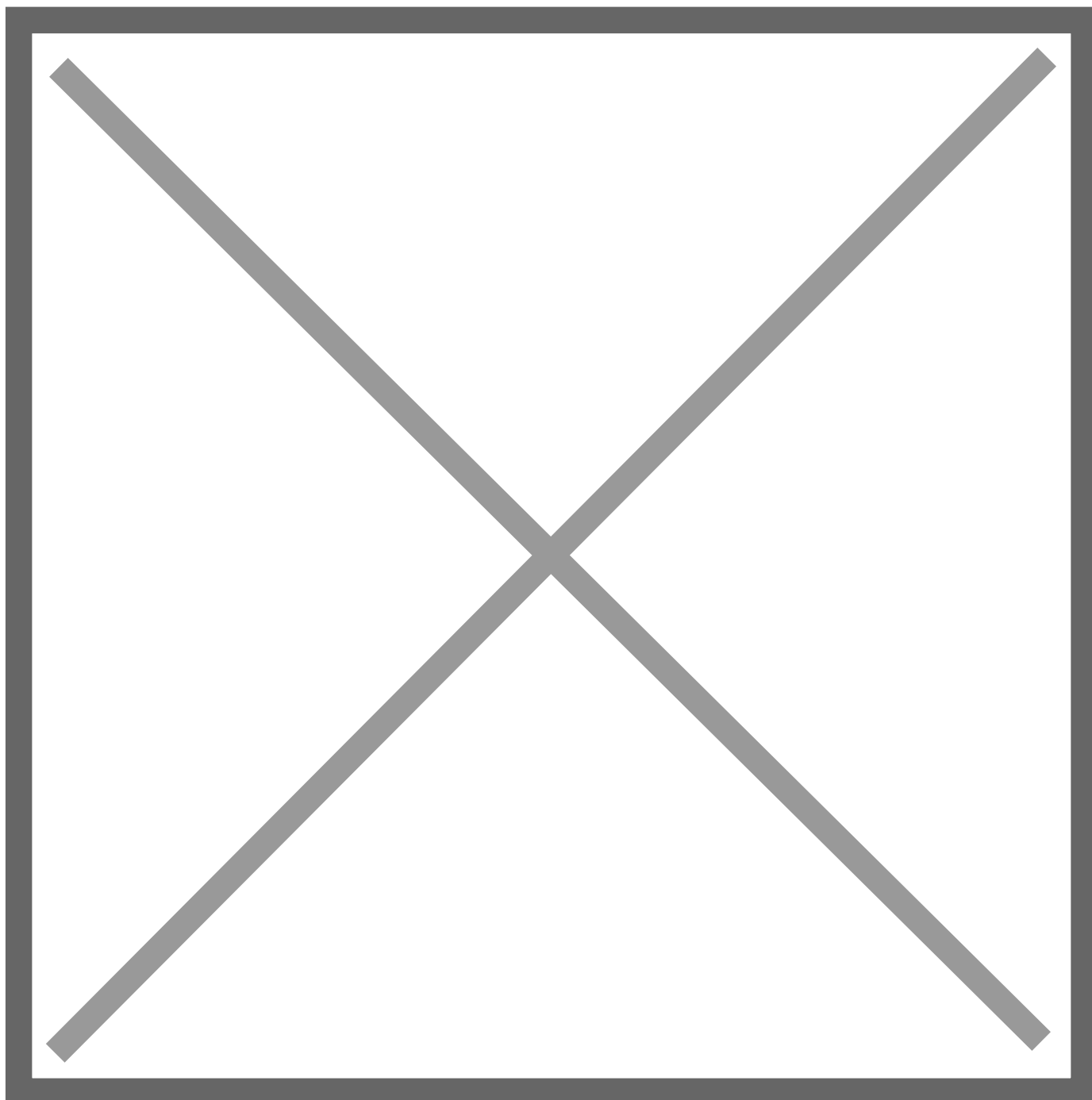
Age: 20+

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: Incidence per 100,000

Raised blood pressure

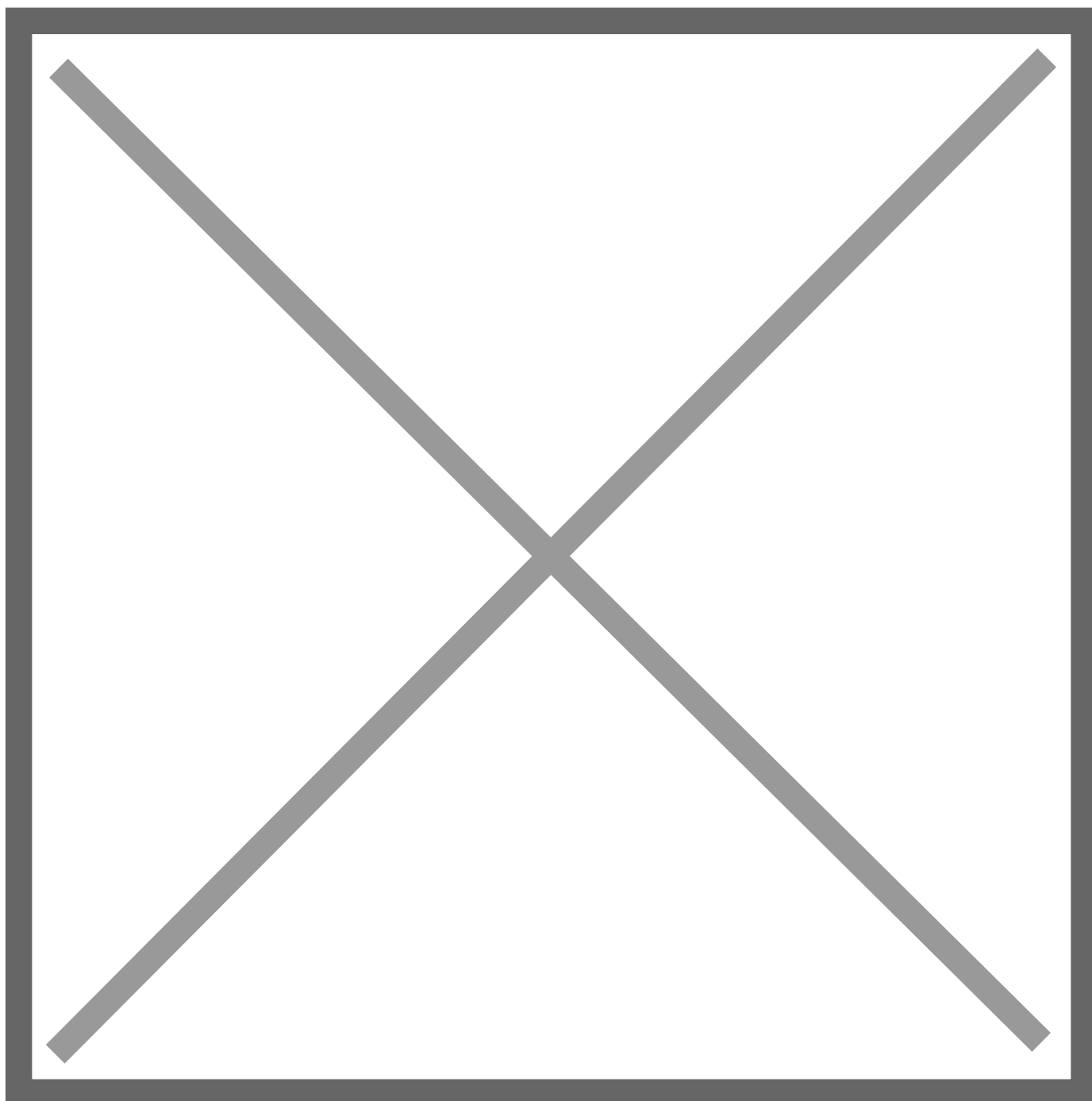
Adults, 2015



References: Global Health Observatory data repository, World Health Organisation, <http://apps.who.int/gho/data/node.main.A875?lang=en>

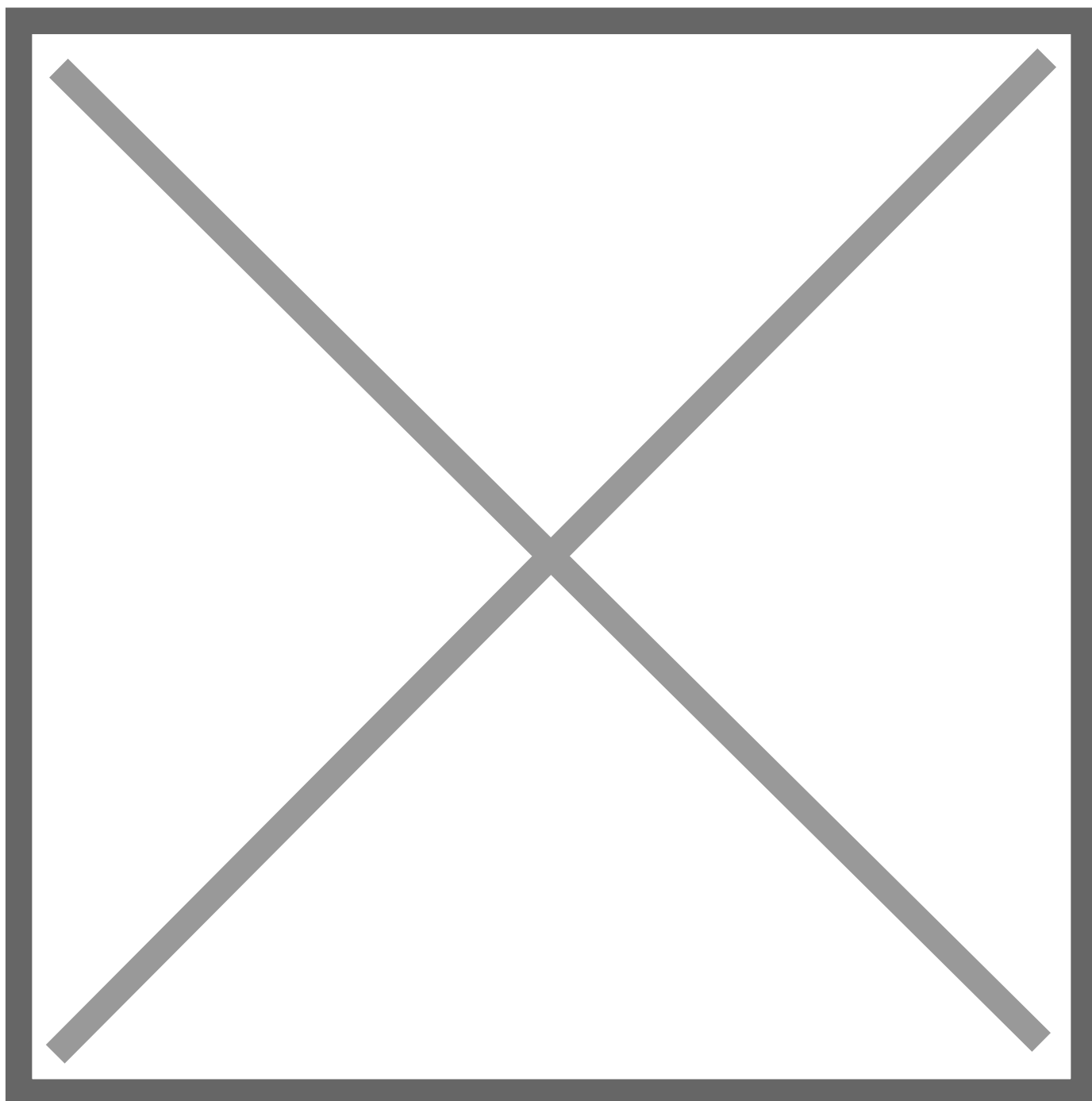
Definitions: Age Standardised estimated % Raised blood pressure 2015 (SBP $\geq$ 140 OR DBP $\geq$ 90).

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 $\geq$ 140 OR DBP $\geq$ 90).

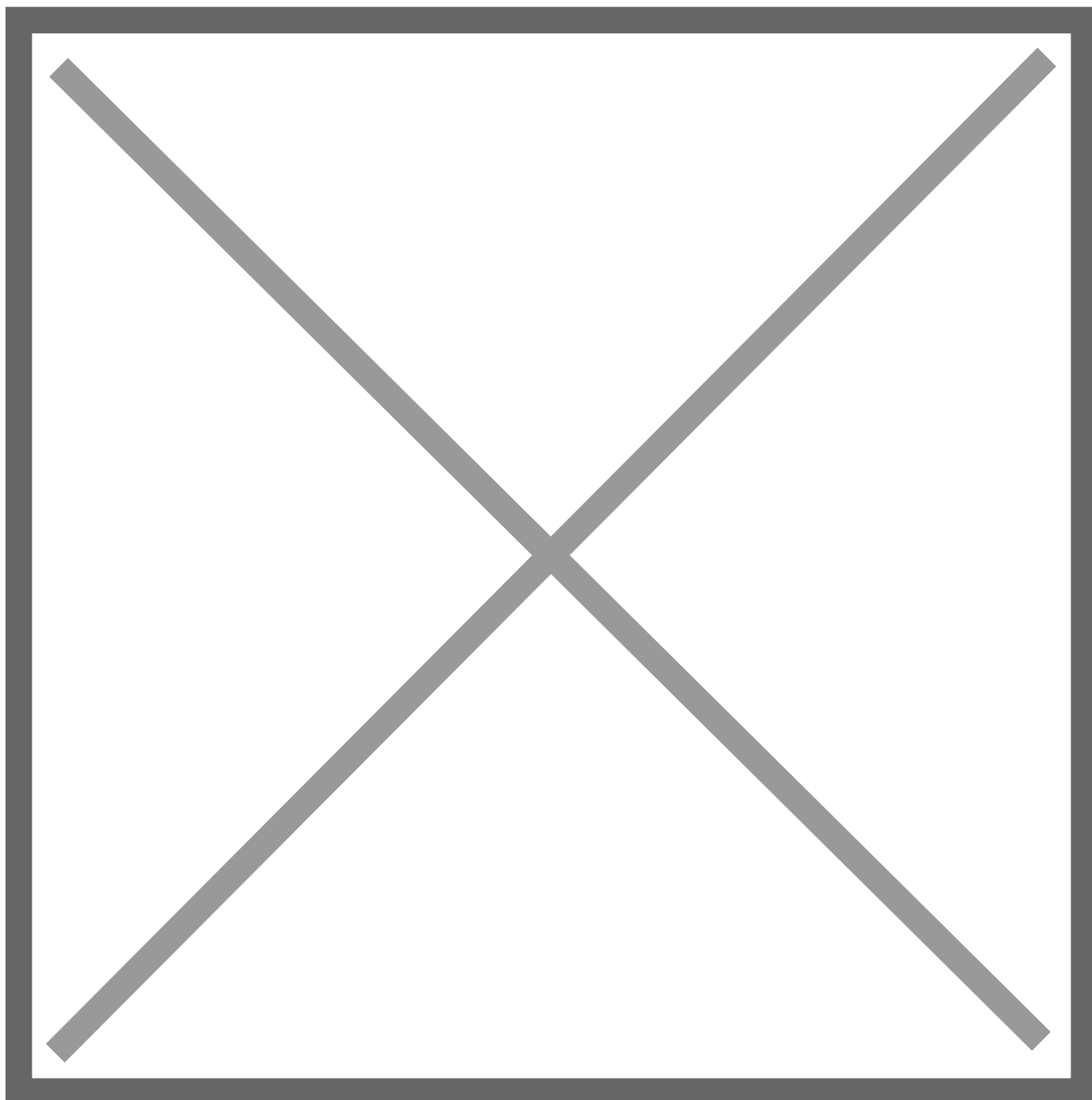
Women, 2015



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 $\geq$ 140 OR DBP $\geq$ 90).

Raised cholesterol

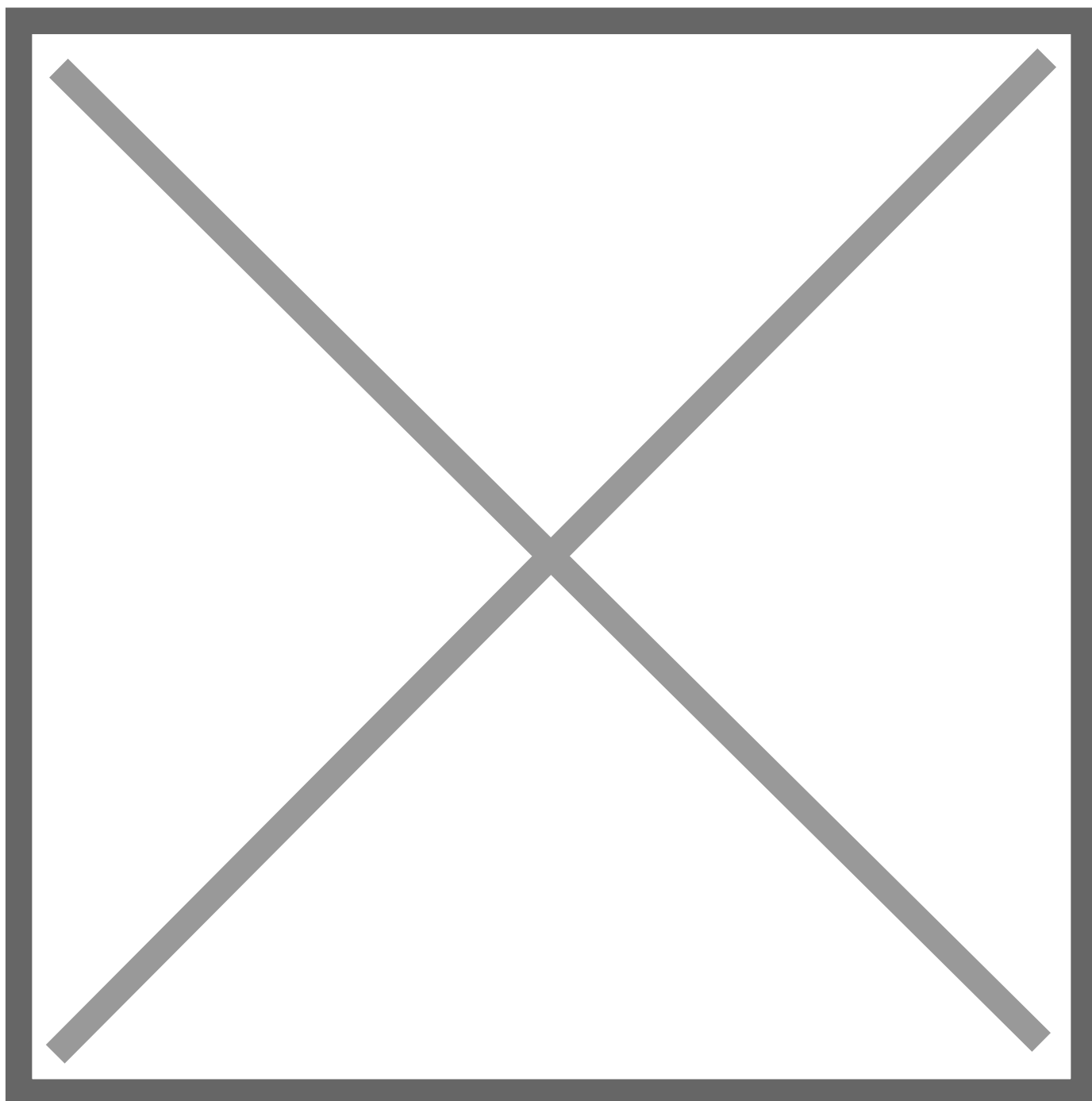
Adults, 2008



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

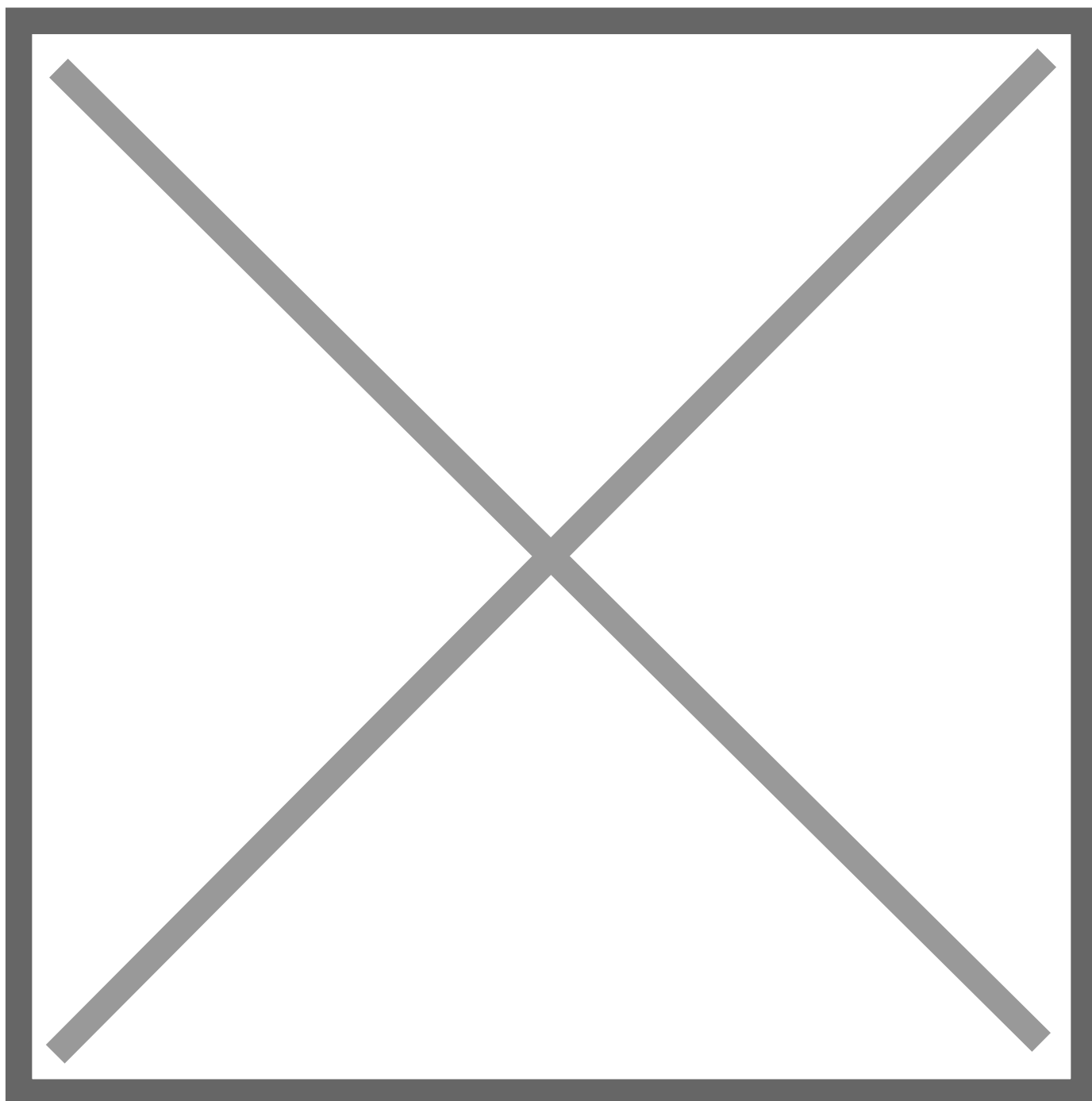
Definitions: % Raised total cholesterol (≥ 5.0 mmol/L) (age-standardized estimate).

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).

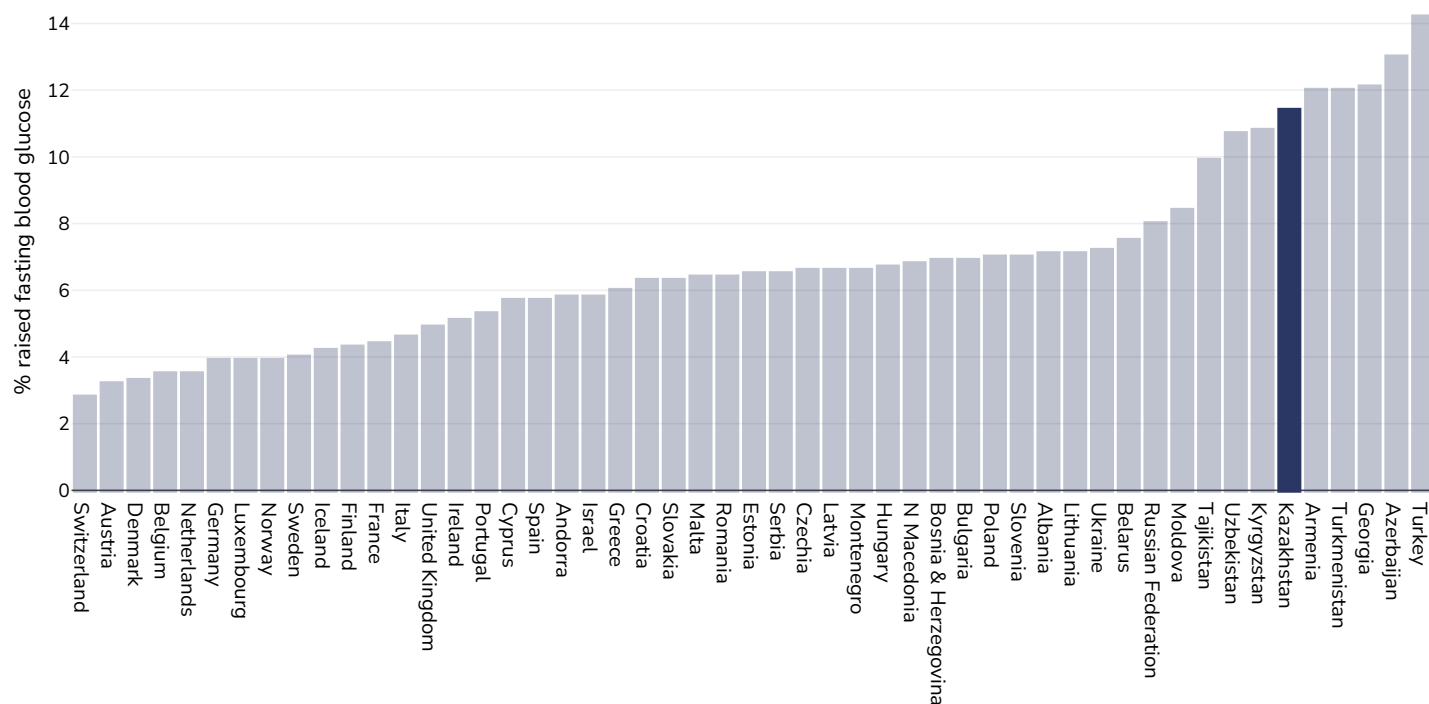
Women, 2008



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

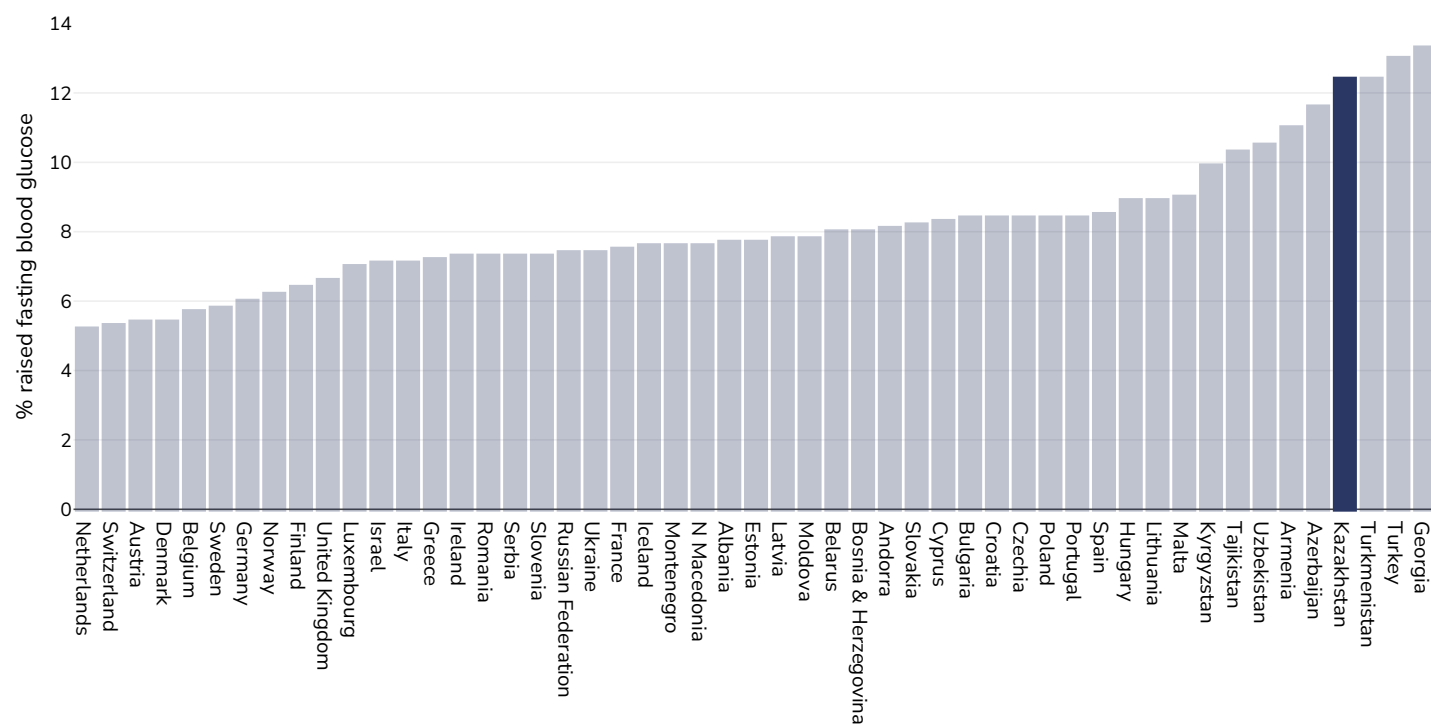
Men, 2014



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

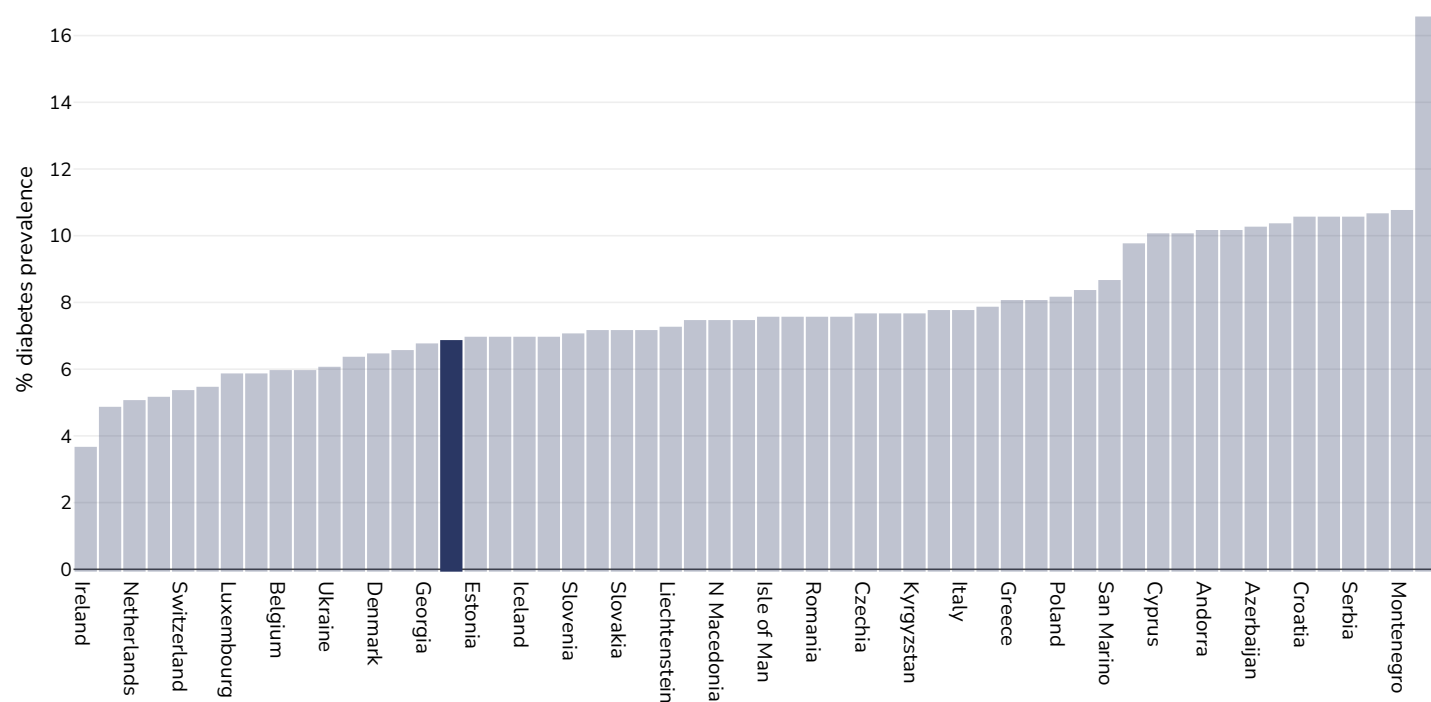


References: Global Health Observatory data repository, World Health Organisation, <http://apps.who.int/gho/data/node.main.A869?lang=en>

Definitions: Age Standardised % raised fasting blood glucose (≥ 7.0 mmol/L or on medication).

Diabetes prevalence

Adults, 2024

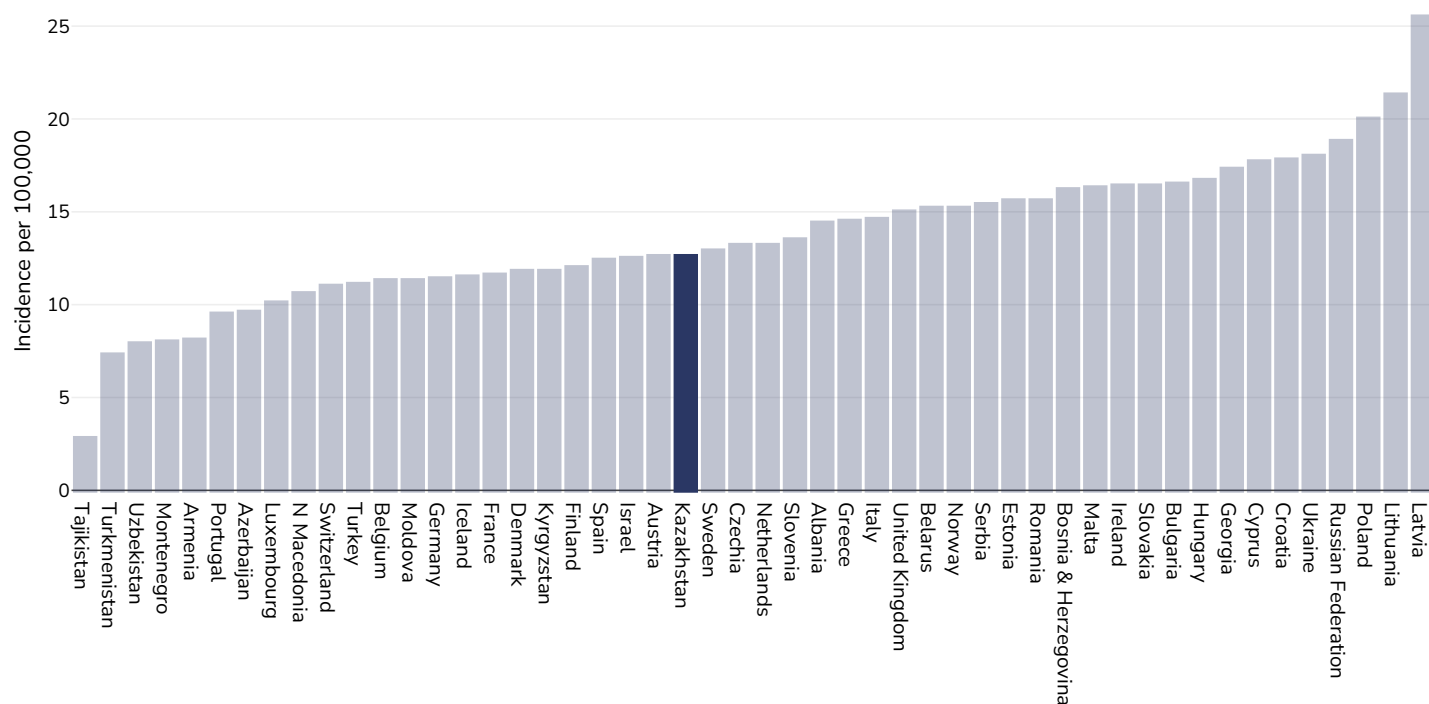


References:

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

Ovarian Cancer

Women, 2022



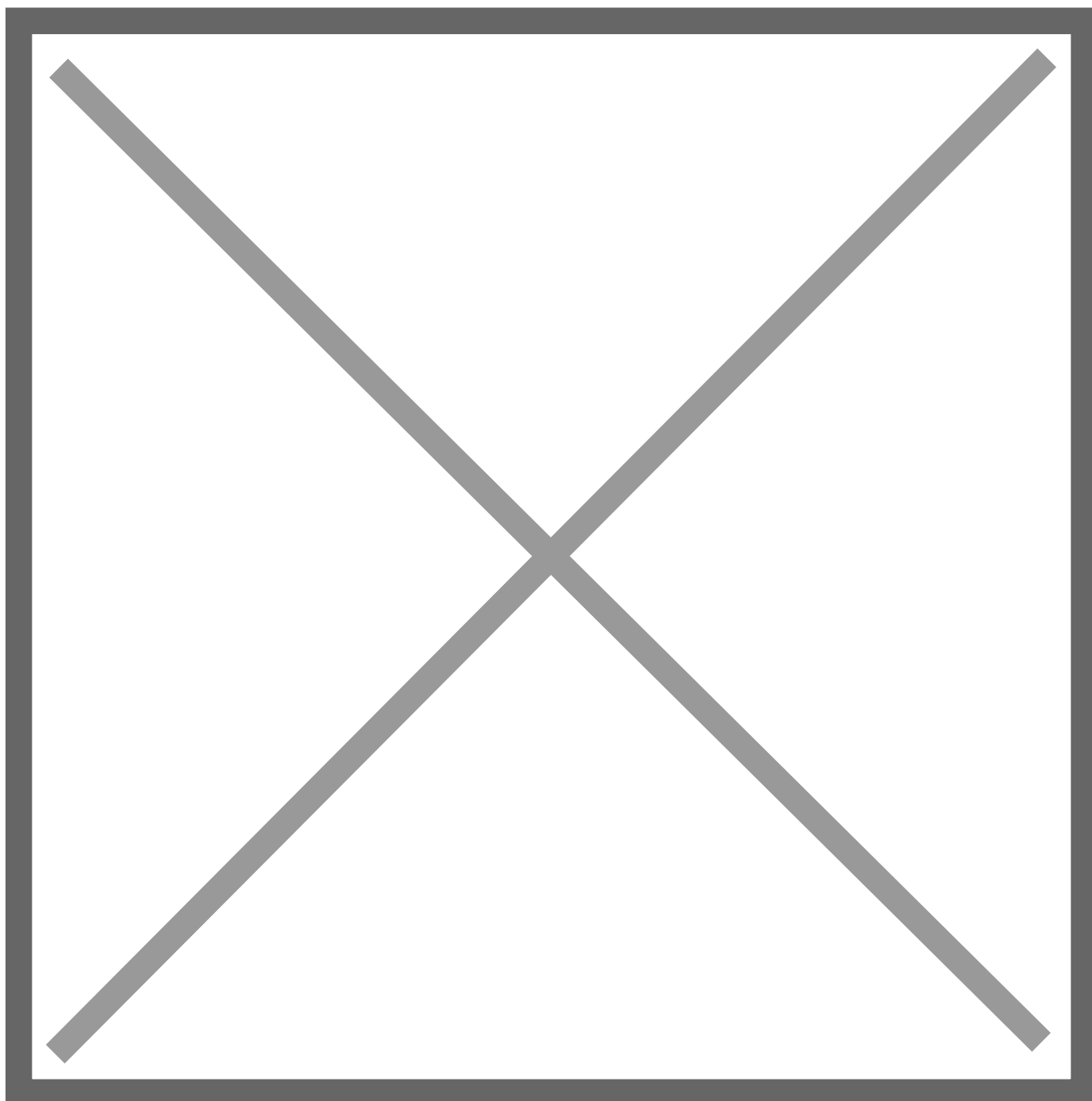
Age: 20+

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: Incidence per 100,000

Leukemia

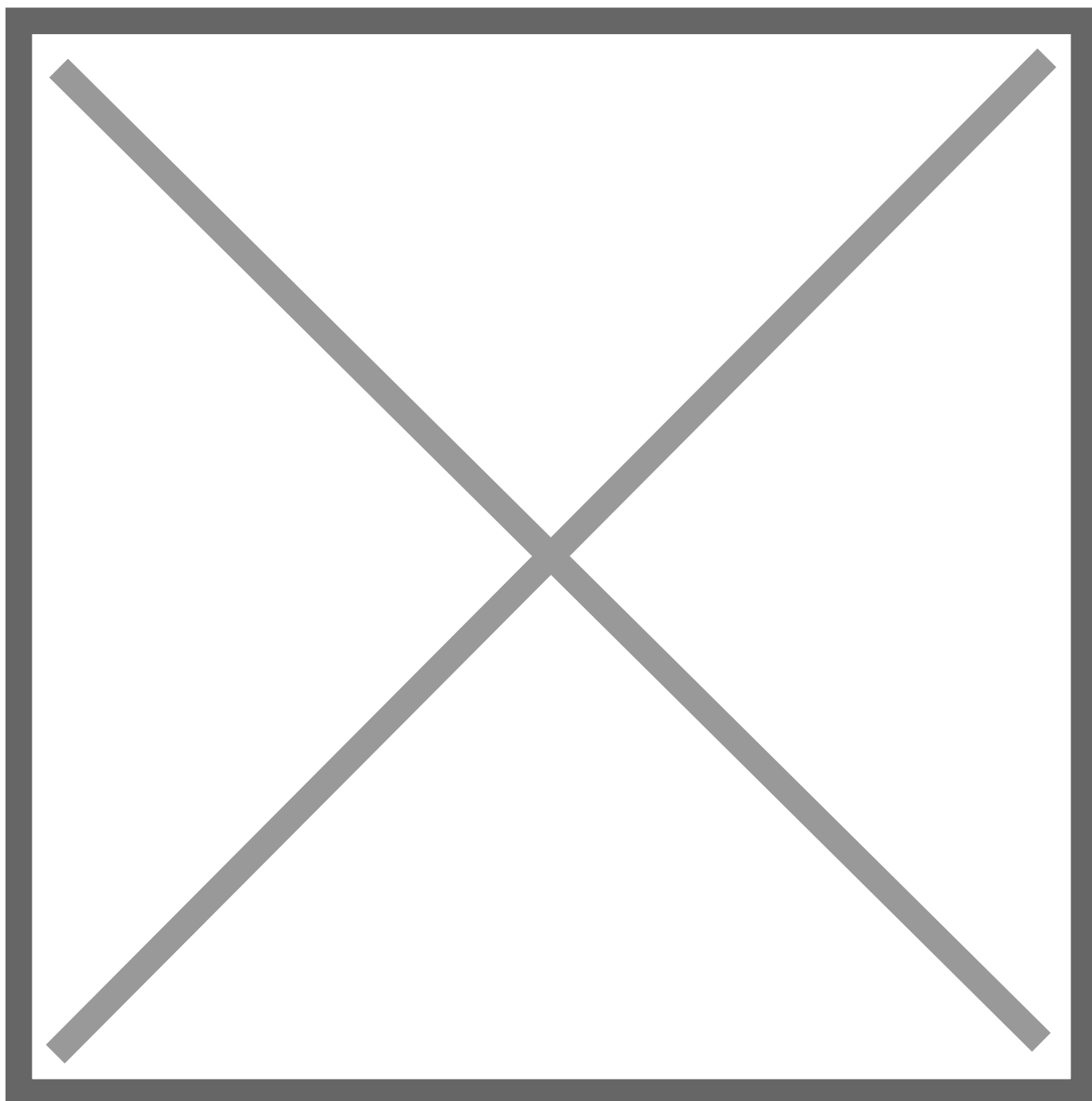
Men, 2022



Age:	20+
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:	Incidence per 100,000

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

Women, 2022

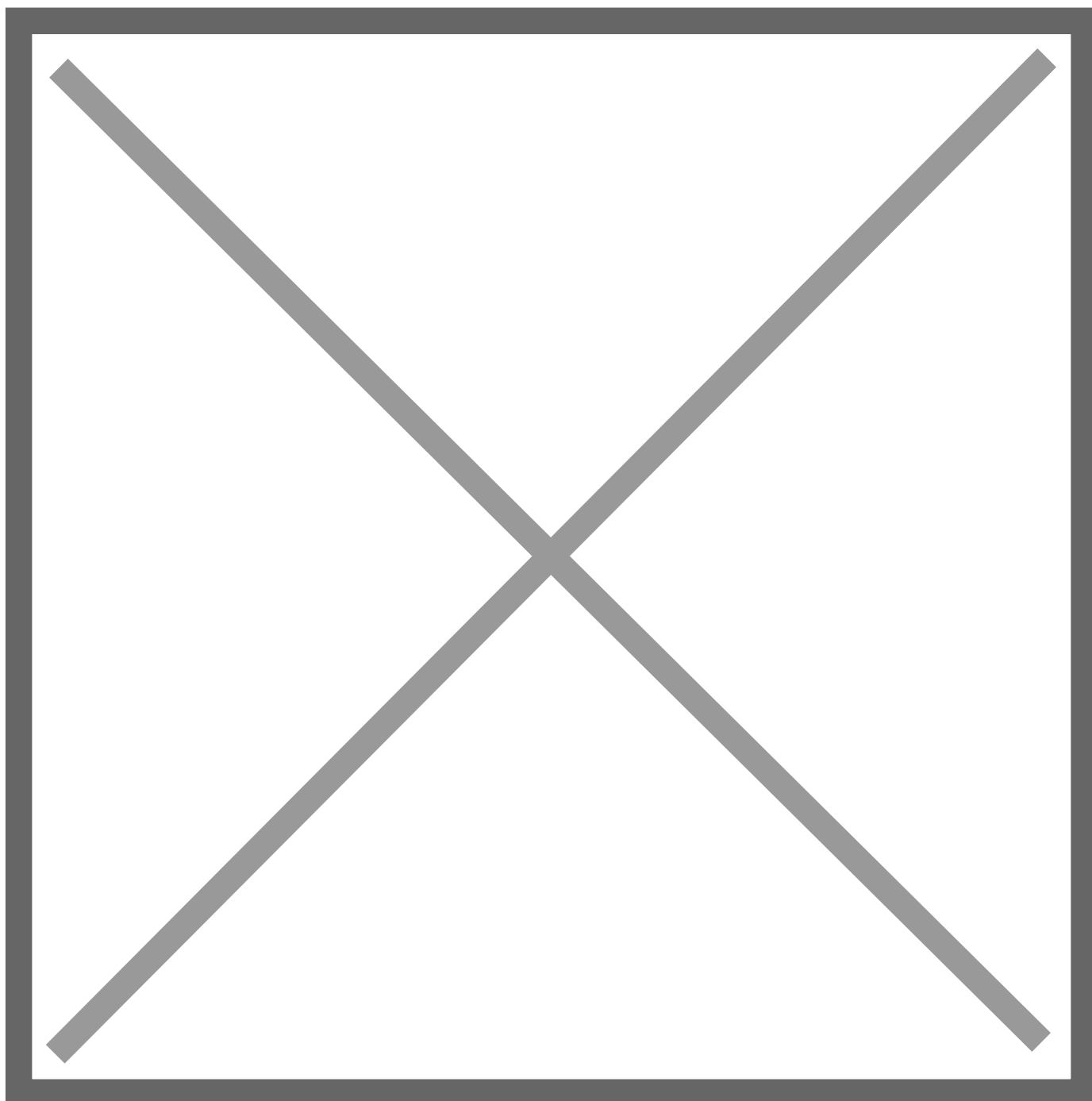


Age:	20+
Area covered:	National
References:	Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024).Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: https://gco.iarc.who.int/today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

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

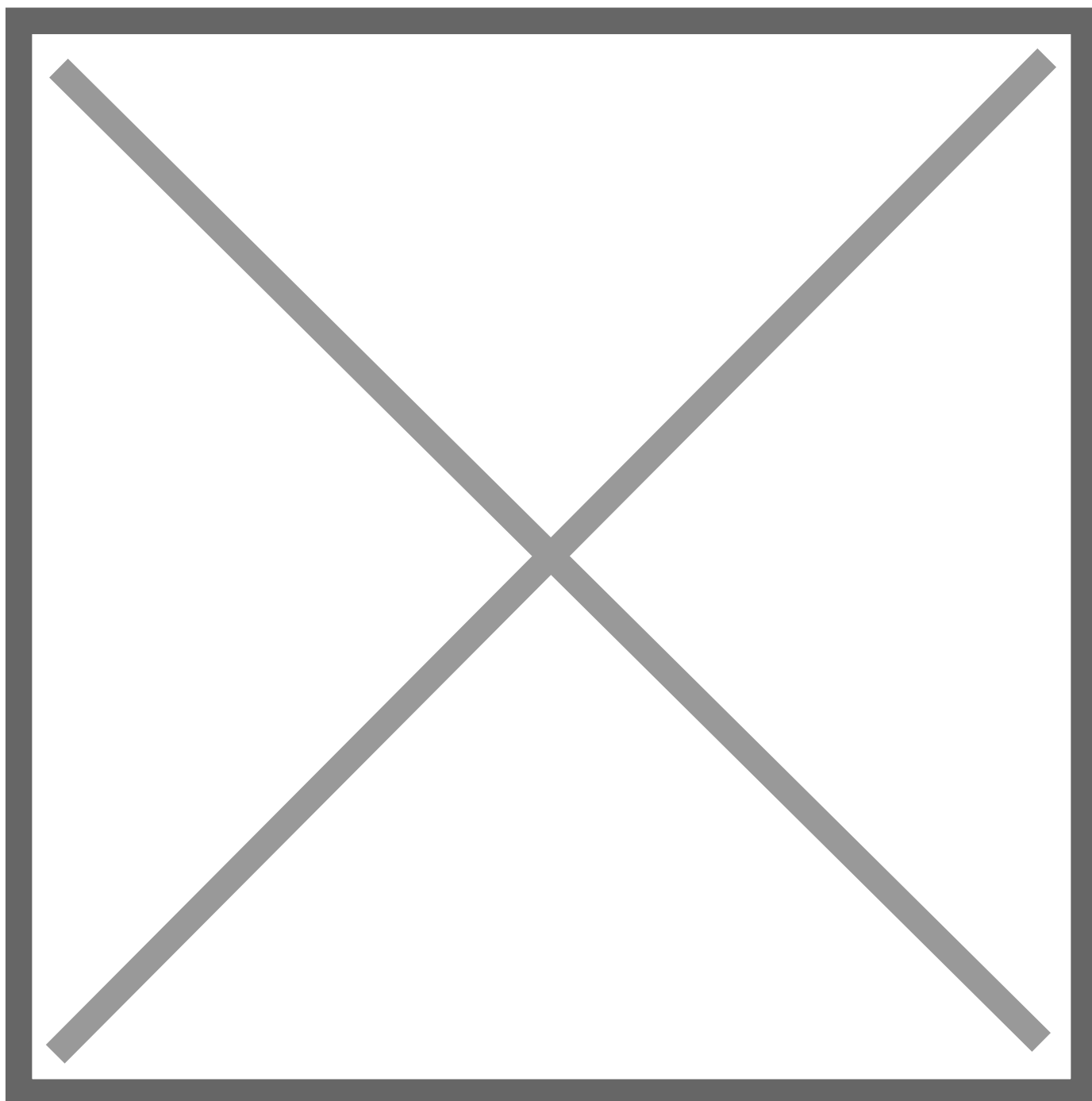
Liver and intrahepatic bile duct Cancer

Men, 2022



Age:	20+
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:	Incidence per 100,000

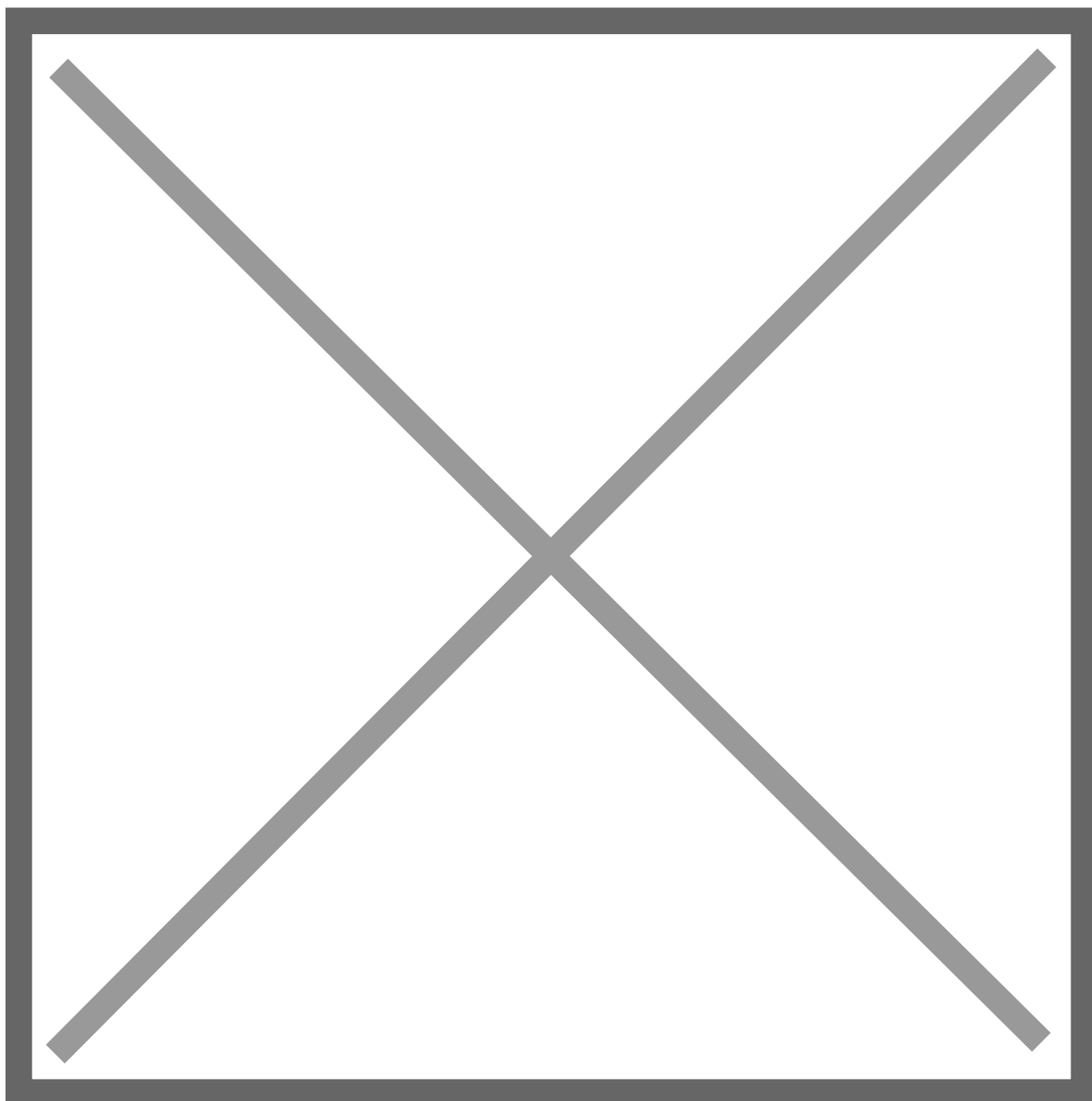
Women, 2022



Age:	20+
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:	Incidence per 100,000

Multiple Myeloma

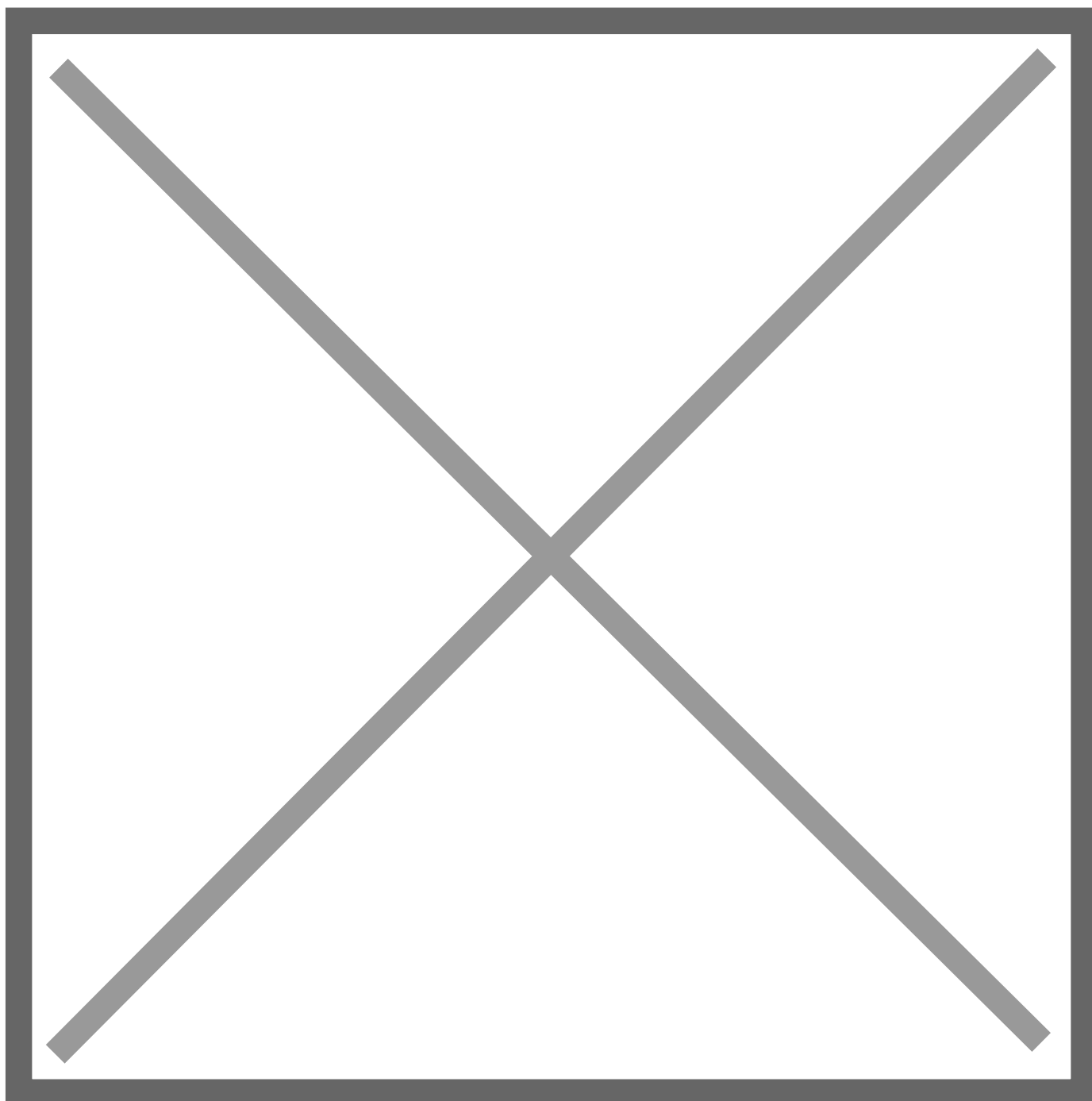
Men, 2022



Age:	20+
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:	Incidence per 100,000

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

Women, 2022

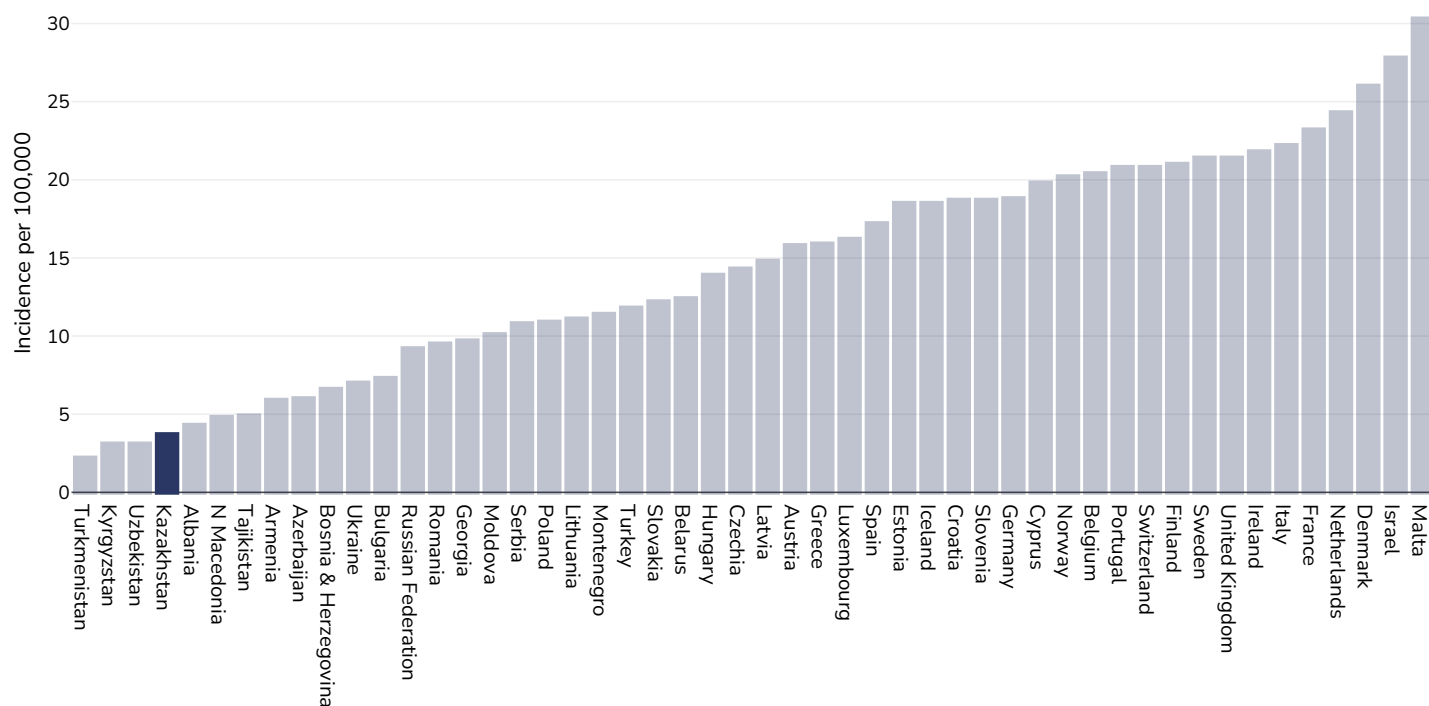


Age:	20+
Area covered:	National
References:	Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024).Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: https://gco.iarc.who.int/today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

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

Men, 2022



Age: 20+

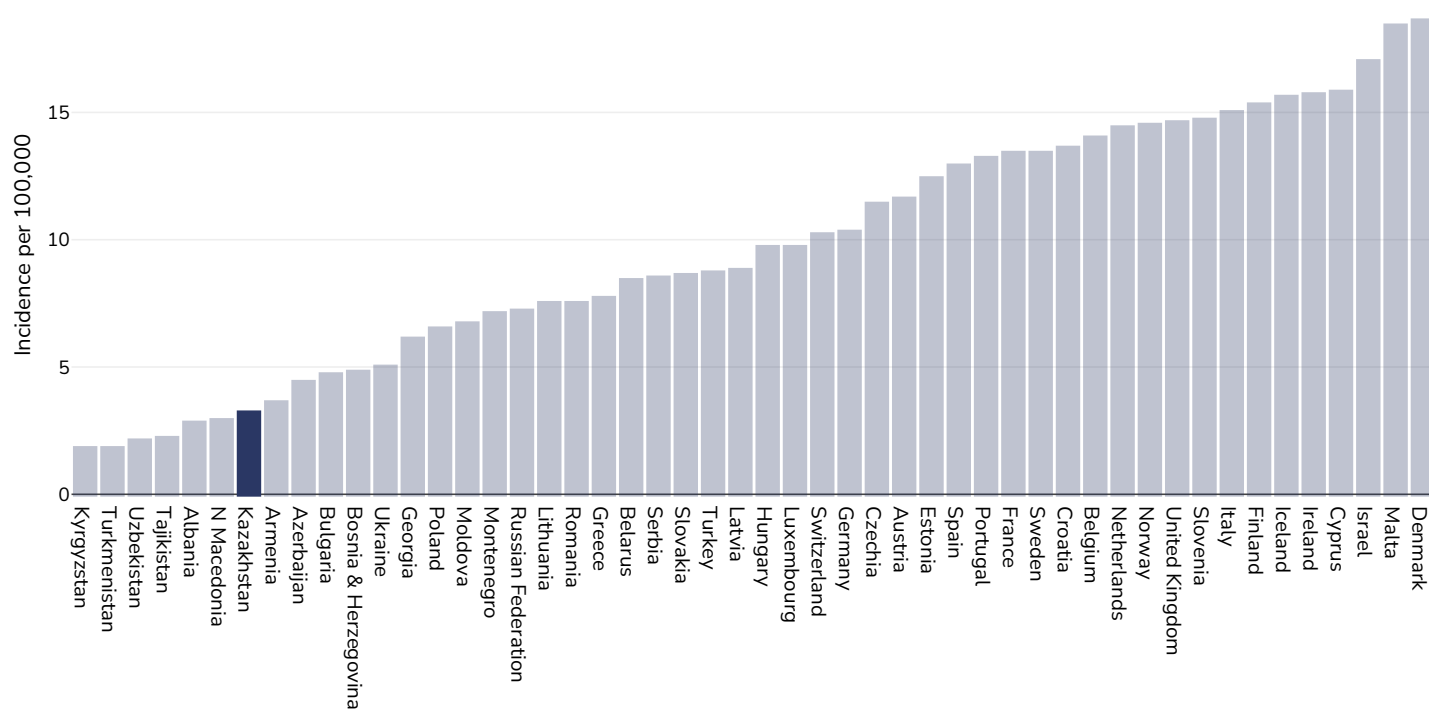
Area covered: National

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: Incidence per 100,000

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

Women, 2022



Age: 20+

Area covered: National

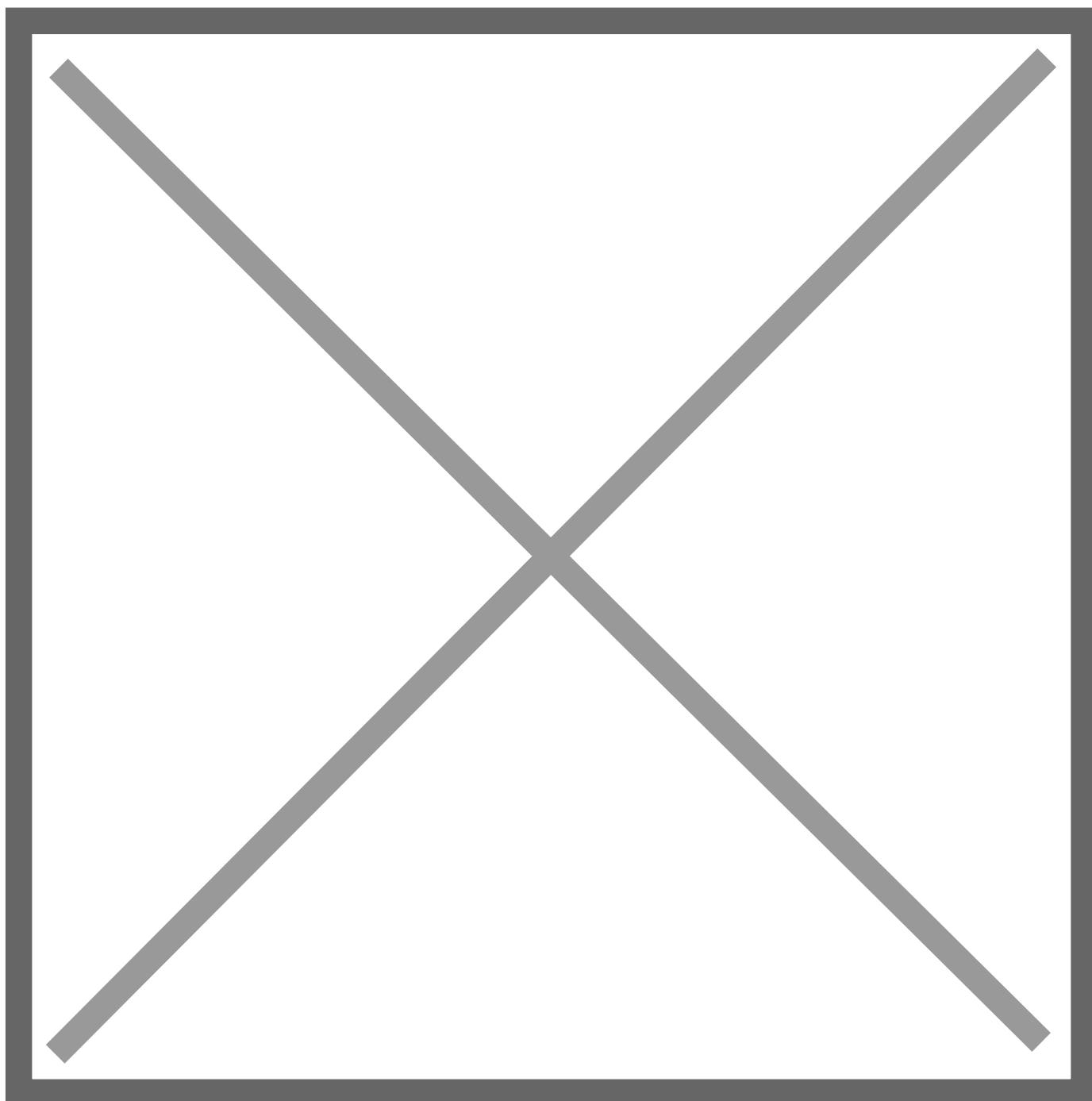
References: Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

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

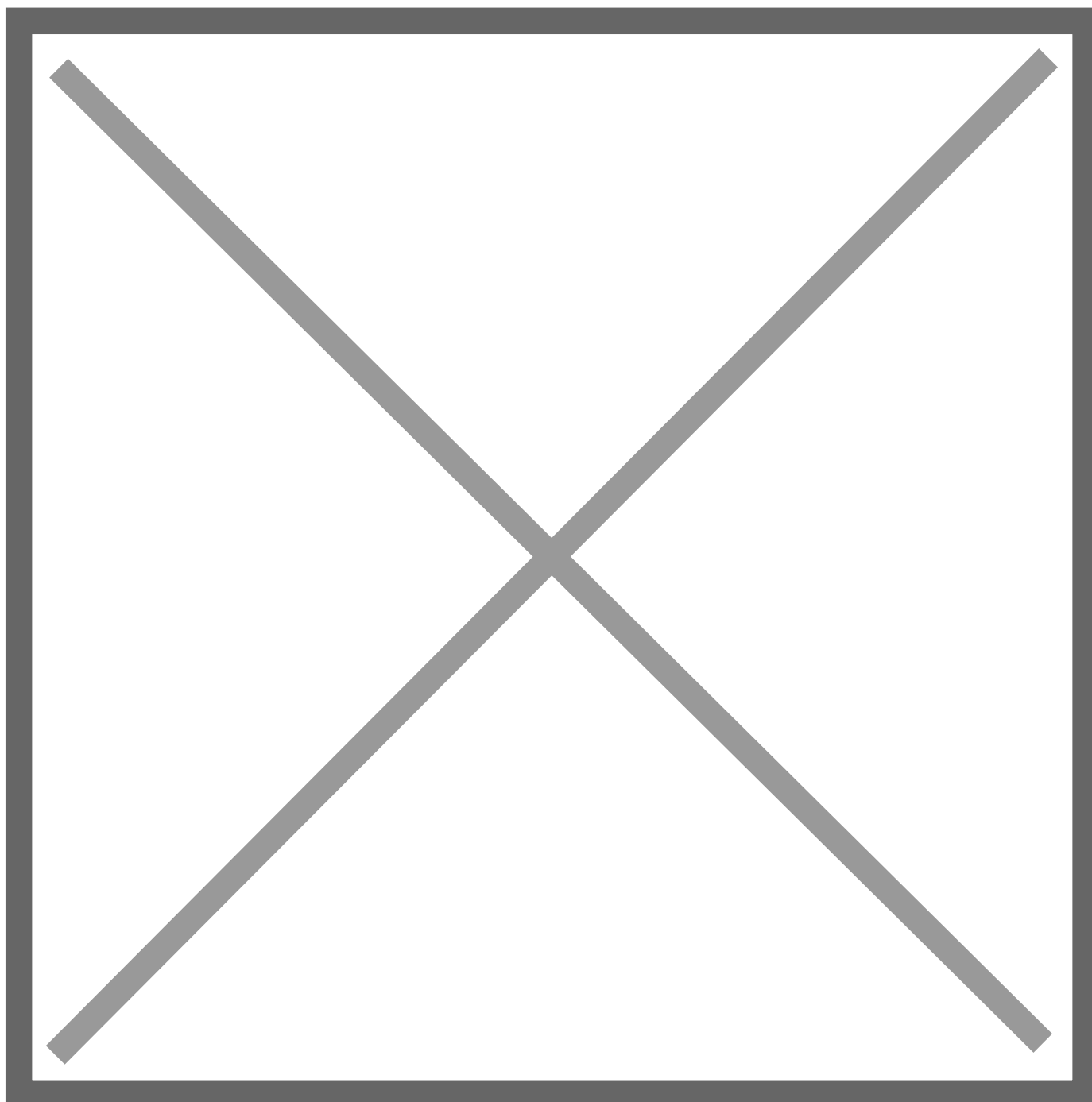
Thyroid Cancer

Men, 2022



Age:	20+
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:	Incidence per 100,000

Women, 2022



Age:	20+
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:	Incidence per 100,000

PDF created on October 18, 2025