Spain



Country report card - children

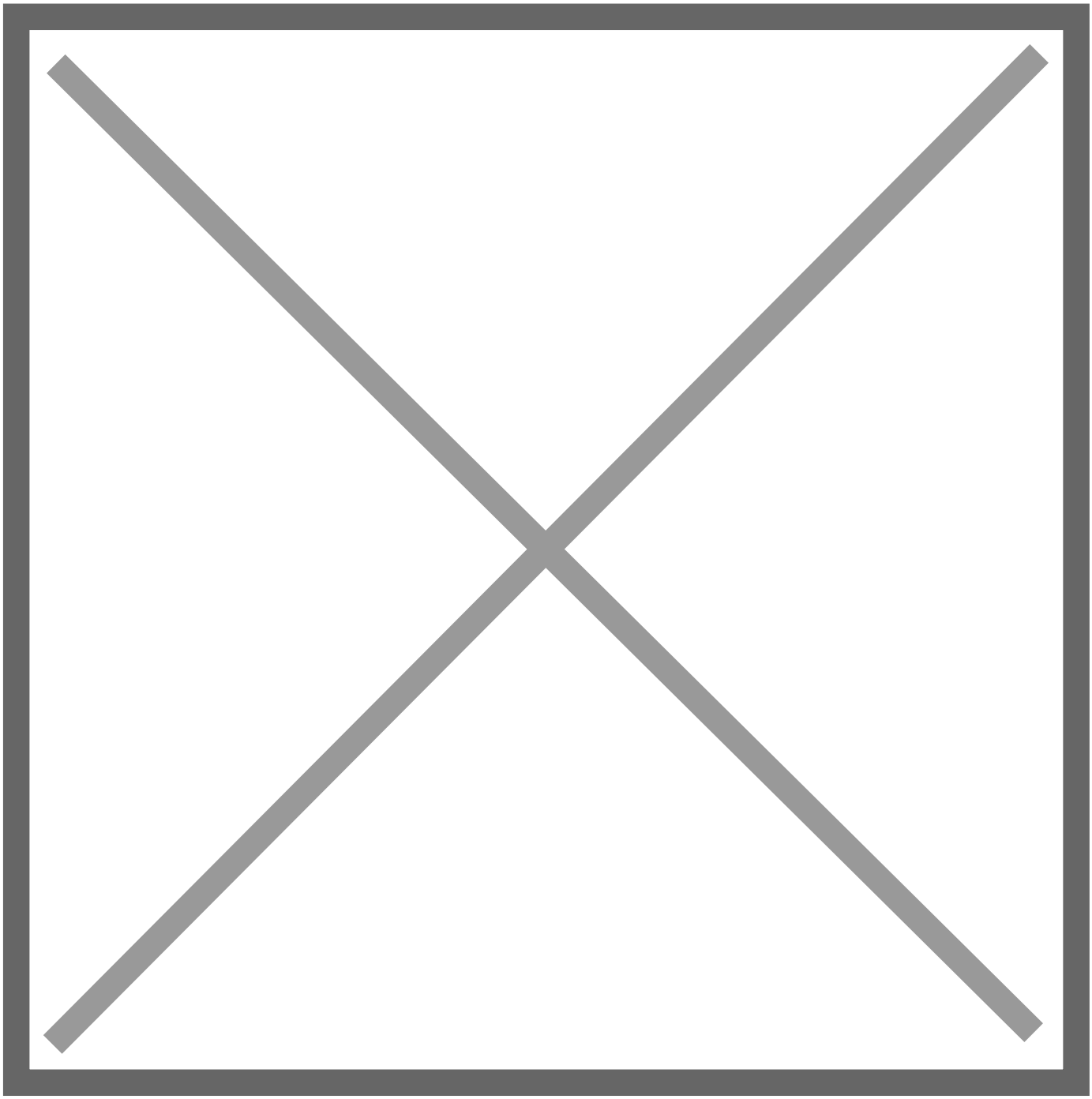
This report card contains the latest data available on the Global Obesity Observatory on overweight and obesity for children, including adolescents (aged 5 to 18 years). Where available, data on common and relevant obesity drivers and comorbidities are also presented.

View the latest version of this report on the Global Obesity Observatory at https://data.worldobesity.org/country/spain-199/.

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Obesity prevalence

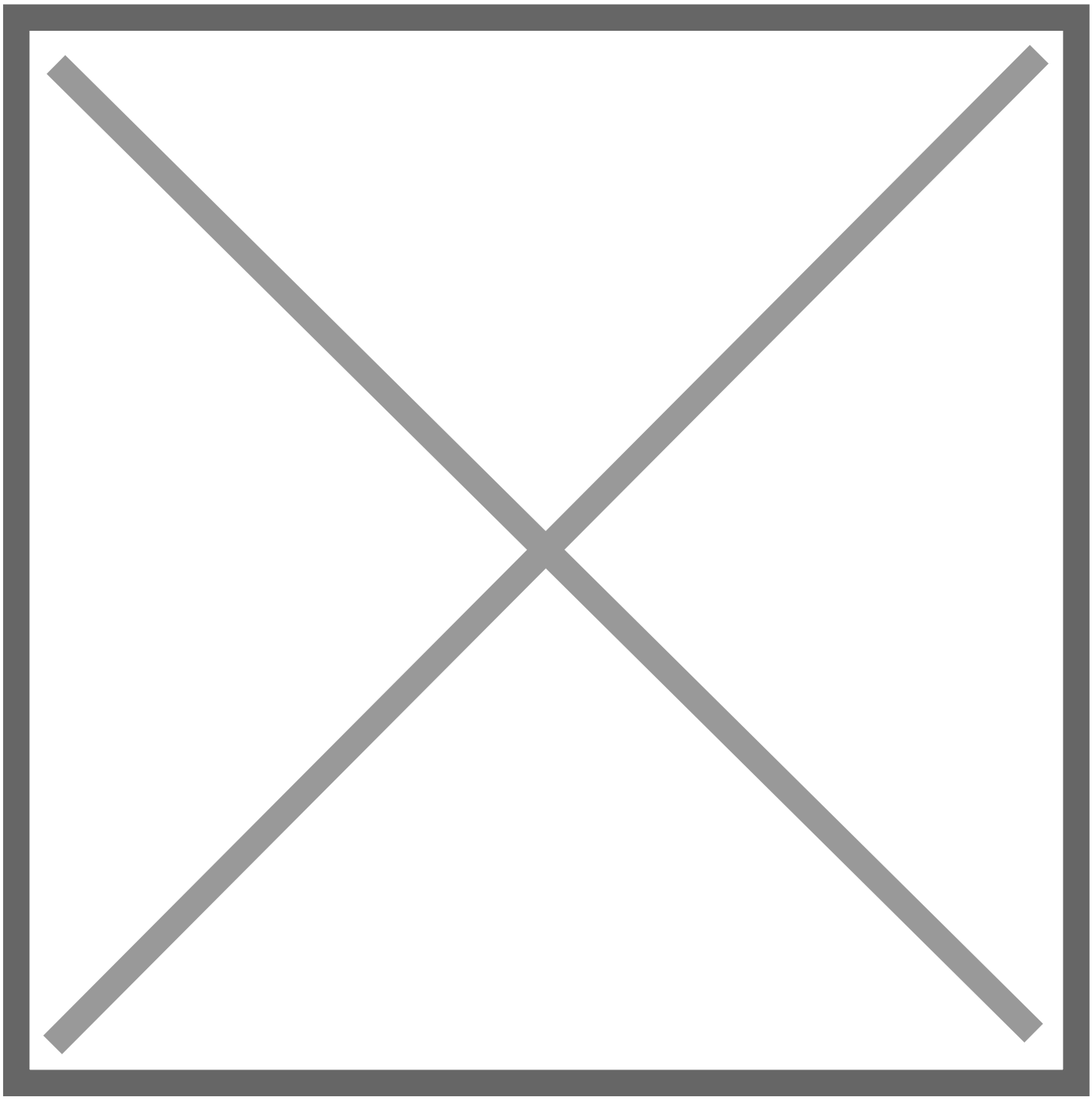
Children, 2023-2024



Survey type:	Measured
Age:	6-9
Sample size:	12678
Area covered:	National
References:	ALADINO Study 2023 (Preview). https://www.aesan.gob.es/AECOSAN/docs/documentos/nutricion/ALADINO_AESAN.pdf (Accessed 26.09.24)

Notes:	The study is part of the Childhood Obesity Surveillance Initiative (COSI)
Cutoffs:	WHO

% Children (13-14) living with overweight or obesity in Spain 1985-2000

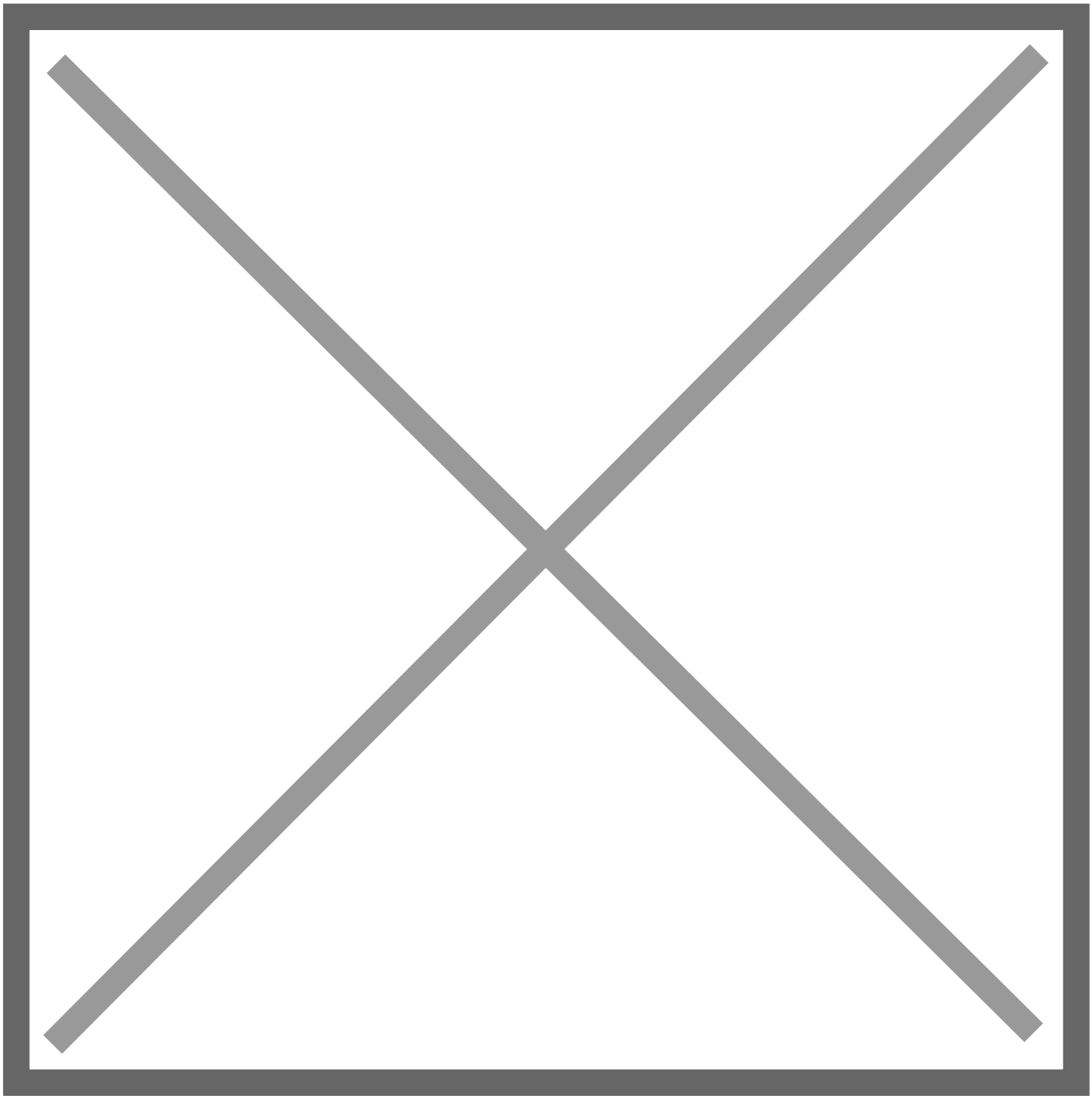


Survey type:	Measured
References:	Personal communication from LA Moreno
Notes:	Aged 13-14. Large National Survey but sample size not specified.
Definitions:	IOTF

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.

% Children (6-9) living with overweight and obesity 2010-2023

Boys and girls



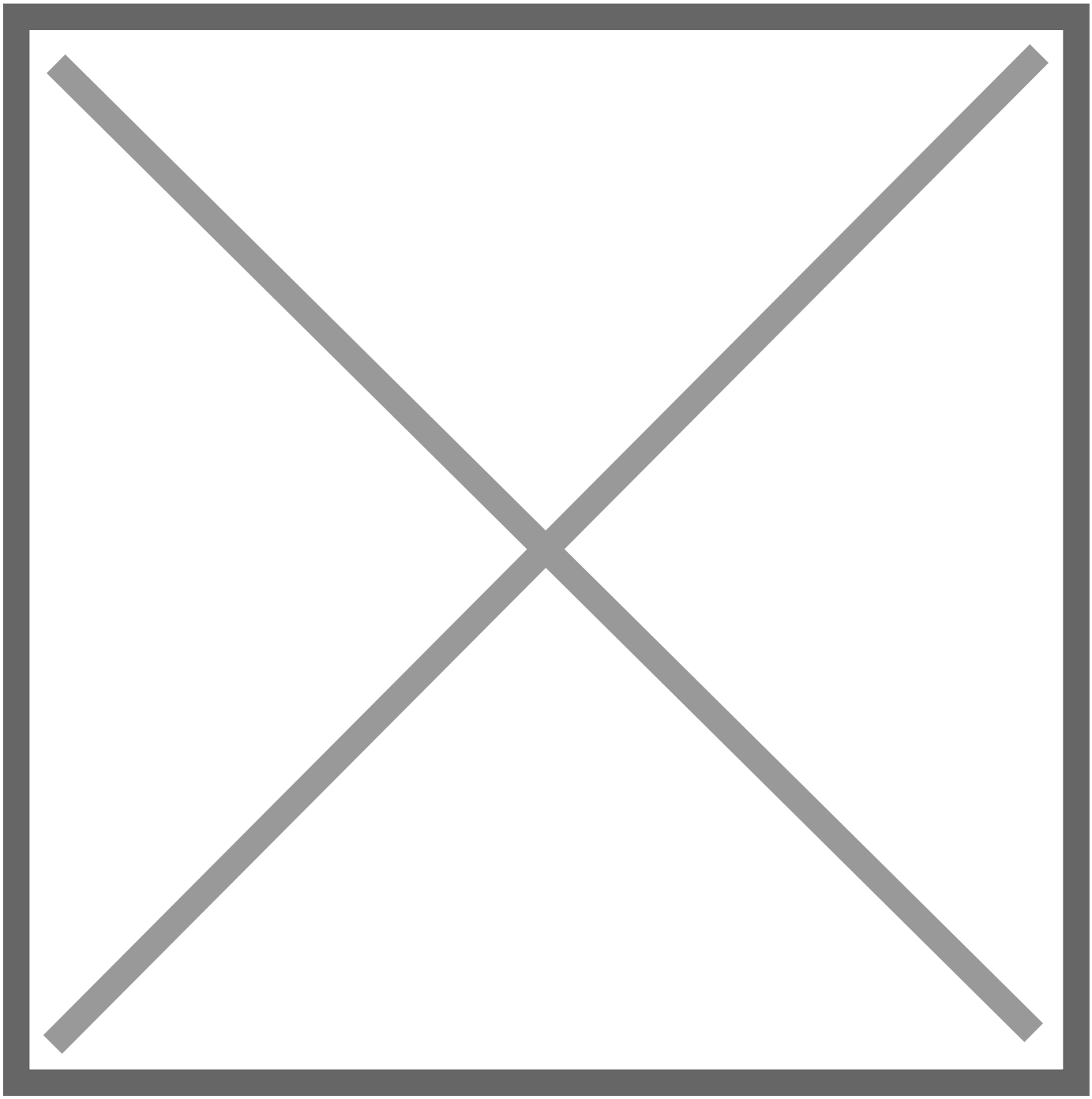
Survey type:	Measured
References:	2010, 2015, 2019: Ministerio de Consumo, Agency Espanola de seguirdad alimentaria y nutrction (2020) ALADINO 2019 Informe Breve. ESTUDIO SOBRE LA ALIMENTACIÓN, ACTIVIDAD FÍSICA, DESARROLLO INFANTIL Y OBESIDAD EN ESPAÑA 2019 2023: ALADINO Study 2023 (Preview). https://www.aesan.gob.es/AECOSAN/docs/documentos/nutricion/ALADINO_AESAN.pdf (Accessed 26.09.24)
Notes:	Aged 6-9
Definitions:	WHO Cut Off

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.

Overweight/obesity by education

Children, 2023-2024

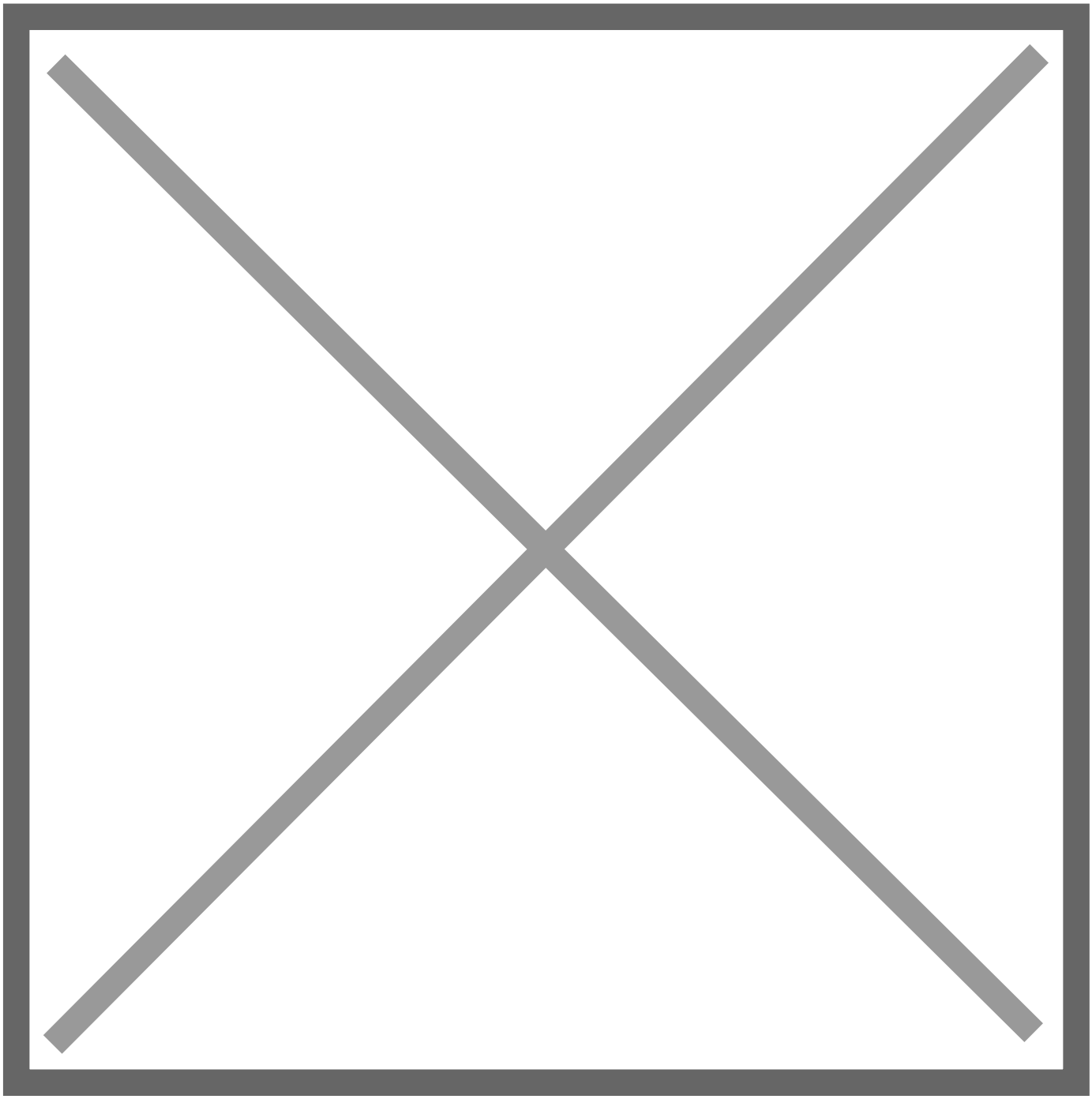


Survey type:	Measured
Age:	6-9
Sample size:	12678
Area covered:	National
References:	Estudio ALADINO 2023: Estudio sobre Alimentación, Actividad Física, Desarrollo Infantil y Obesidad en España 2023. Agencia Española de Seguridad Alimentaria y Nutrición. Ministerio de Derechos Sociales, Consumo y Agenda 2030. Madrid, 2024

Notes:	The study is part of the Childhood Obesity Surveillance Initiative (COSI)
Definitions:	Highest educational level attained by one of the parents
Cutoffs:	WHO

Overweight/obesity by age

Children, 2023-2024

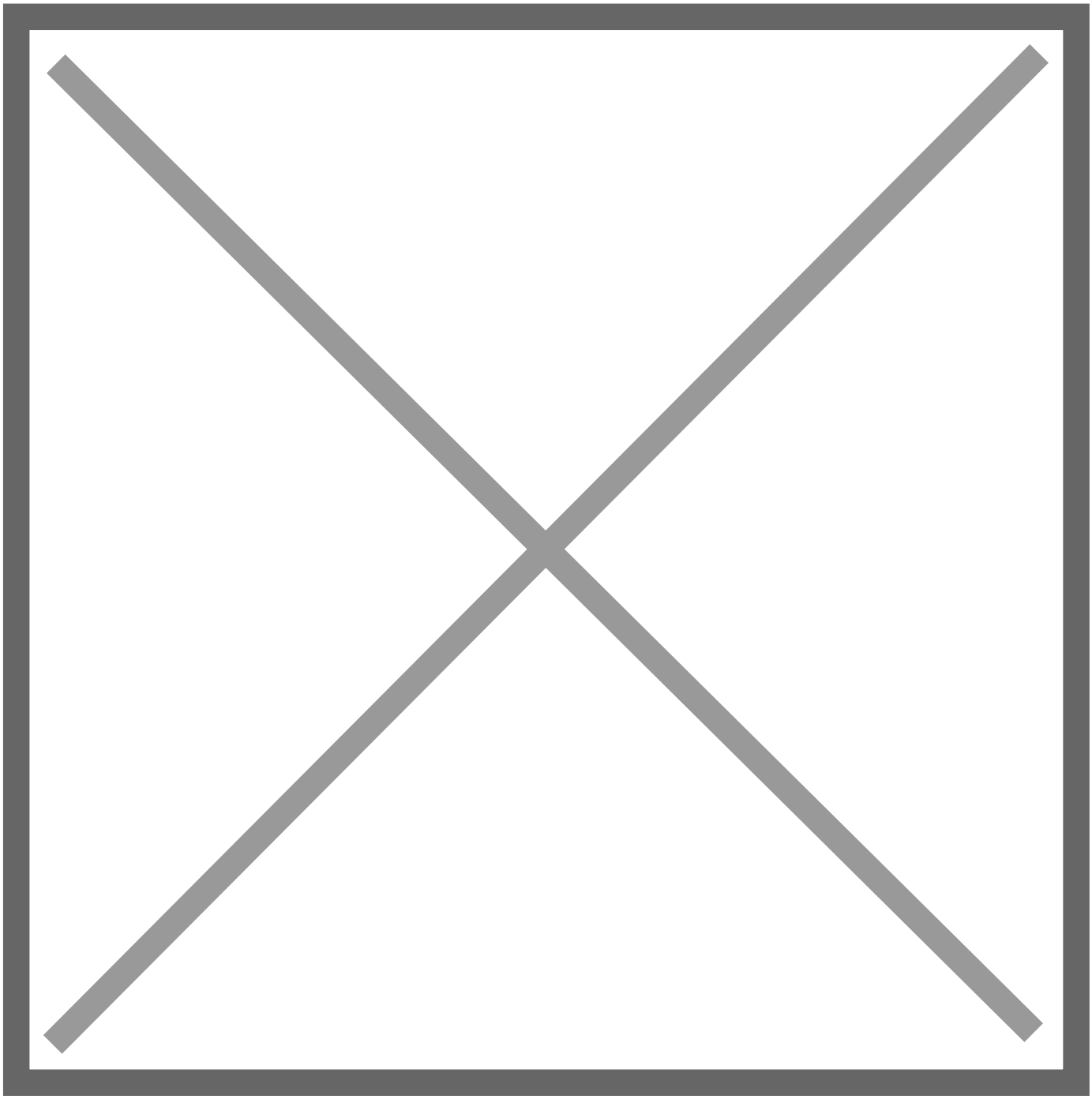


Survey type:	Measured
Sample size:	12678
Area covered:	National
References:	Estudio ALADINO 2023: Estudio sobre Alimentación, Actividad Física, Desarrollo Infantil y Obesidad en España 2023. Agencia Española de Seguridad Alimentaria y Nutrición. Ministerio de Derechos Sociales, Consumo y Agenda 2030. Madrid, 2024
Notes:	The study is part of the Childhood Obesity Surveillance Initiative (COSI)

Cutoffs:	WHO

Overweight/obesity by region

Children, 2017

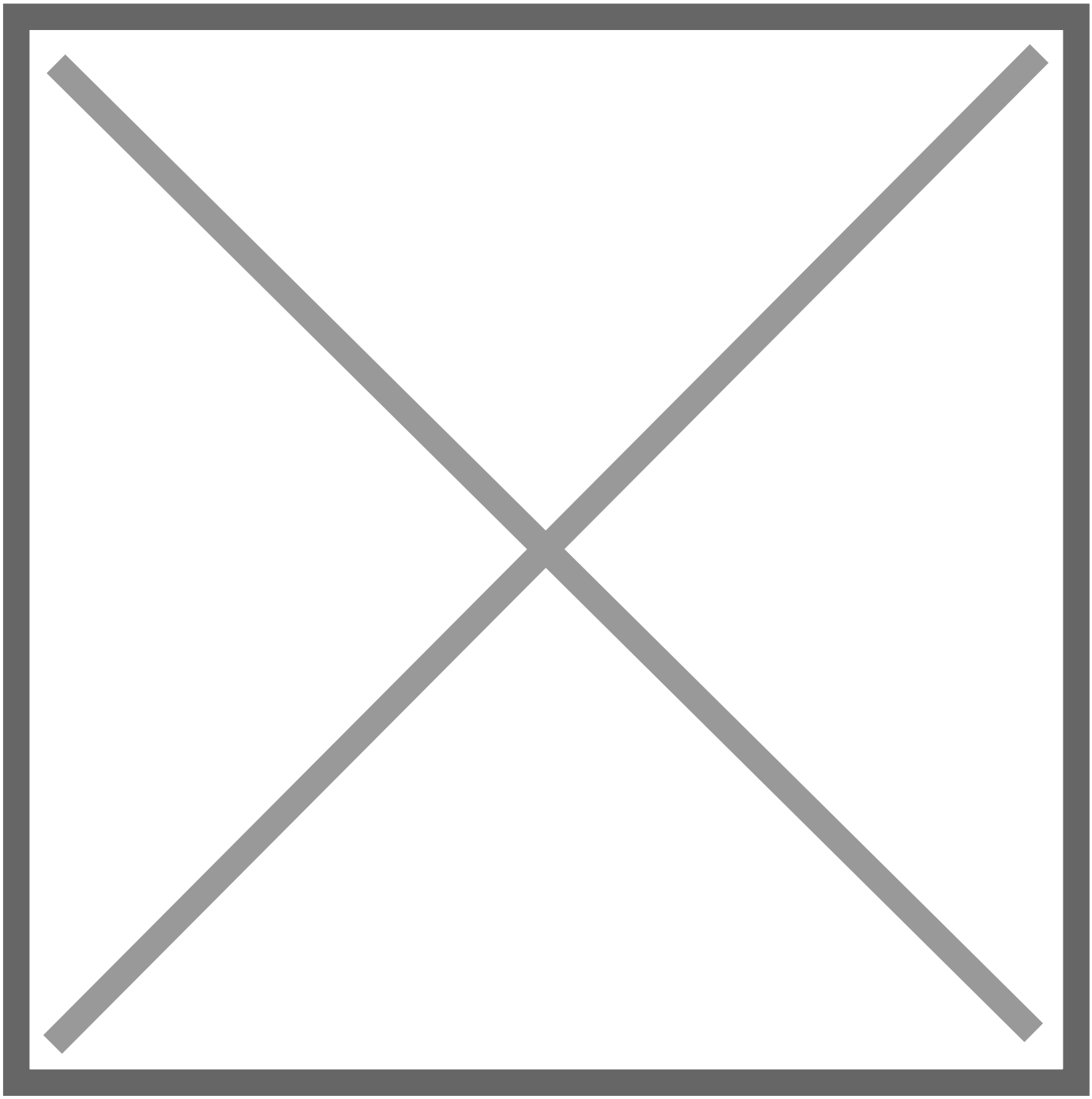


Survey type:	Self-reported
Age:	2-17
Sample size:	6106
Area covered:	National

References:	Informe Anual del Sistema Nacional de Salud 2019, Available at: https://www.mscbs.gob.es/estadEstudios/estadisticas/sisInfSanSNS/tablasEstadisticas/InfAnualSNS2019/Informe_SNS_2019.pdf. Data from Spanish National Health Survey 2017. Available at: https://www.mscbs.gob.es/estadEstudios/estadisticas/encuestaNacional/encuestaNac2017/ENSE17_Metodologia.pdf. Both last accessed: 06.05.21.
Cutoffs:	IOTF

Overweight/obesity by socio-economic group

Children, 2023-2024



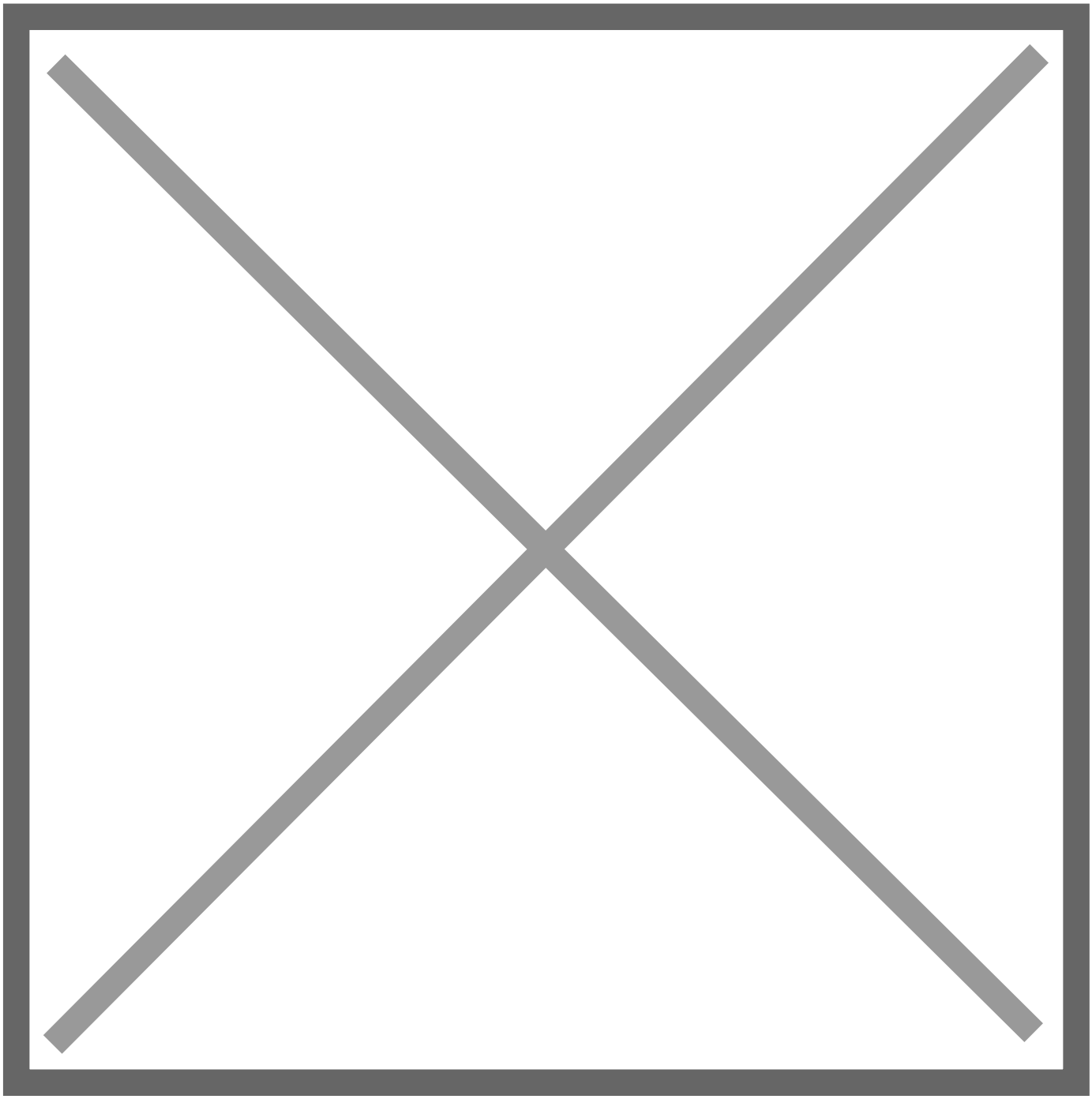
Survey type:	Measured
Age:	6-9
Sample size:	12678
Area covered:	National
References:	Estudio ALADINO 2023: Estudio sobre Alimentación, Actividad Física, Desarrollo Infantil y Obesidad en España 2023. Agencia Española de Seguridad Alimentaria y Nutrición. Ministerio de Derechos Sociales, Consumo y Agenda 2030. Madrid, 2024

Notes:	The study is part of the Childhood Obesity Surveillance Initiative (COSI)
Cutoffs:	WHO

Overweight/obesity by ethnicity

Ethnic groups are as defined by publication of origin and are not as defined by WOF. In some instances ethnicity is conflated with nationality and/or race.

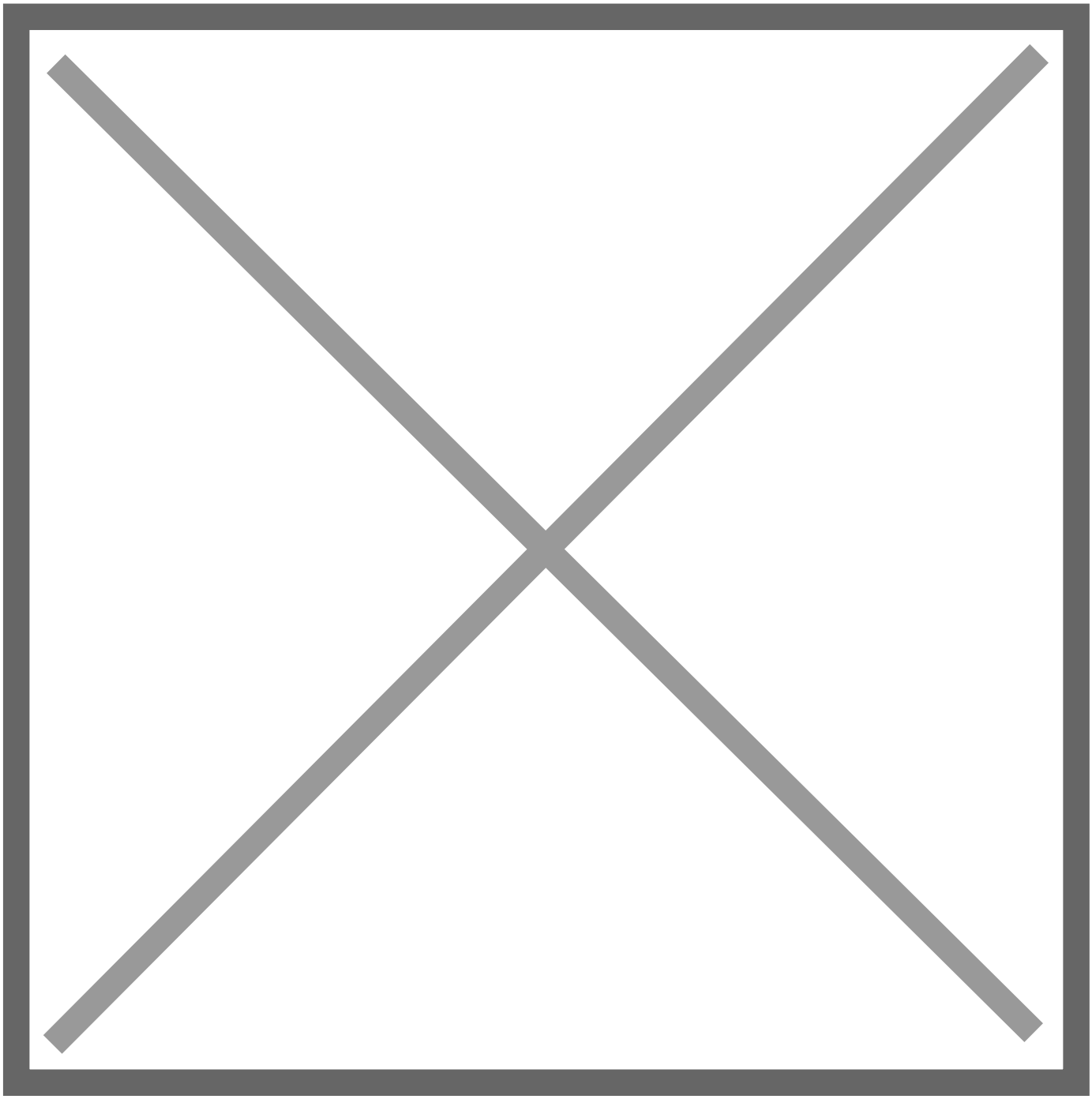
Children, 2023-2024



Survey type:	Self-reported
Age:	2-17
Sample size:	3,641
Area covered:	National
References:	Encuesta de Salud de España – ESdE 2023 (ESdE2023). Available at: https://vsf-iwsold-pro-01.mscbs.gob.es/estadEstudios/estadisticas/encuestaSaludEspana/home.htm [Accessed 10.07.25]

Notes:	Sample size unavailable for ages 2-17, sample size given is for ages 0-14
Cutoffs:	IOTF

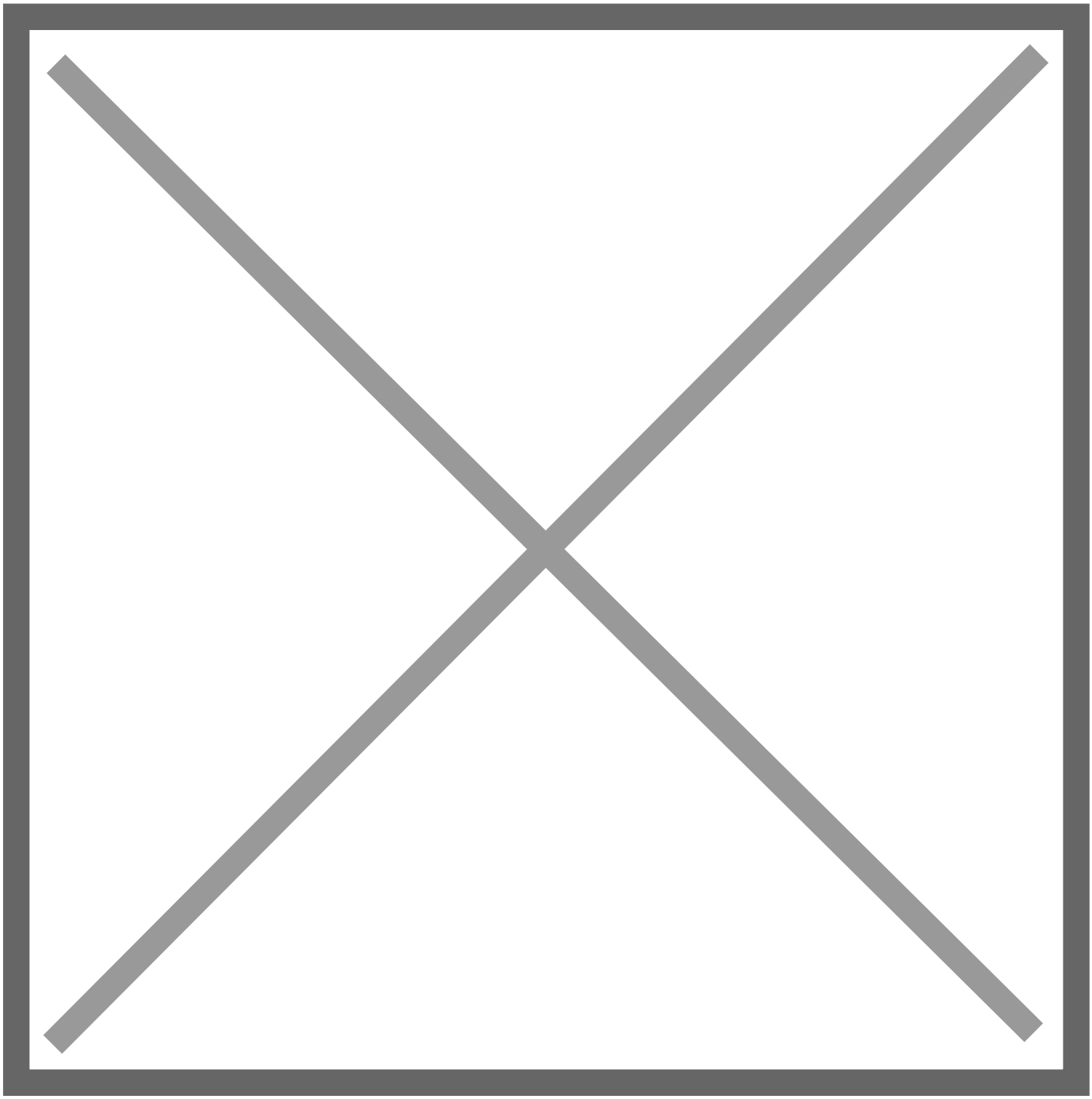
Boys, 2023-2024



Survey type:	Self-reported
Age:	2-17
Sample size:	3,641
Area covered:	National
References:	Encuesta de Salud de España – ESdE 2023 (ESdE2023). Available at: https://vsf-iwsold-pro-01.mscbs.gob.es/estadEstudios/estadisticas/encuestaSaludEspana/home.htm [Accessed 10.07.25]

Notes:	Sample size unavailable for ages 2-17, sample size given is for ages 0-14
Cutoffs:	IOTF

Girls, 2023-2024

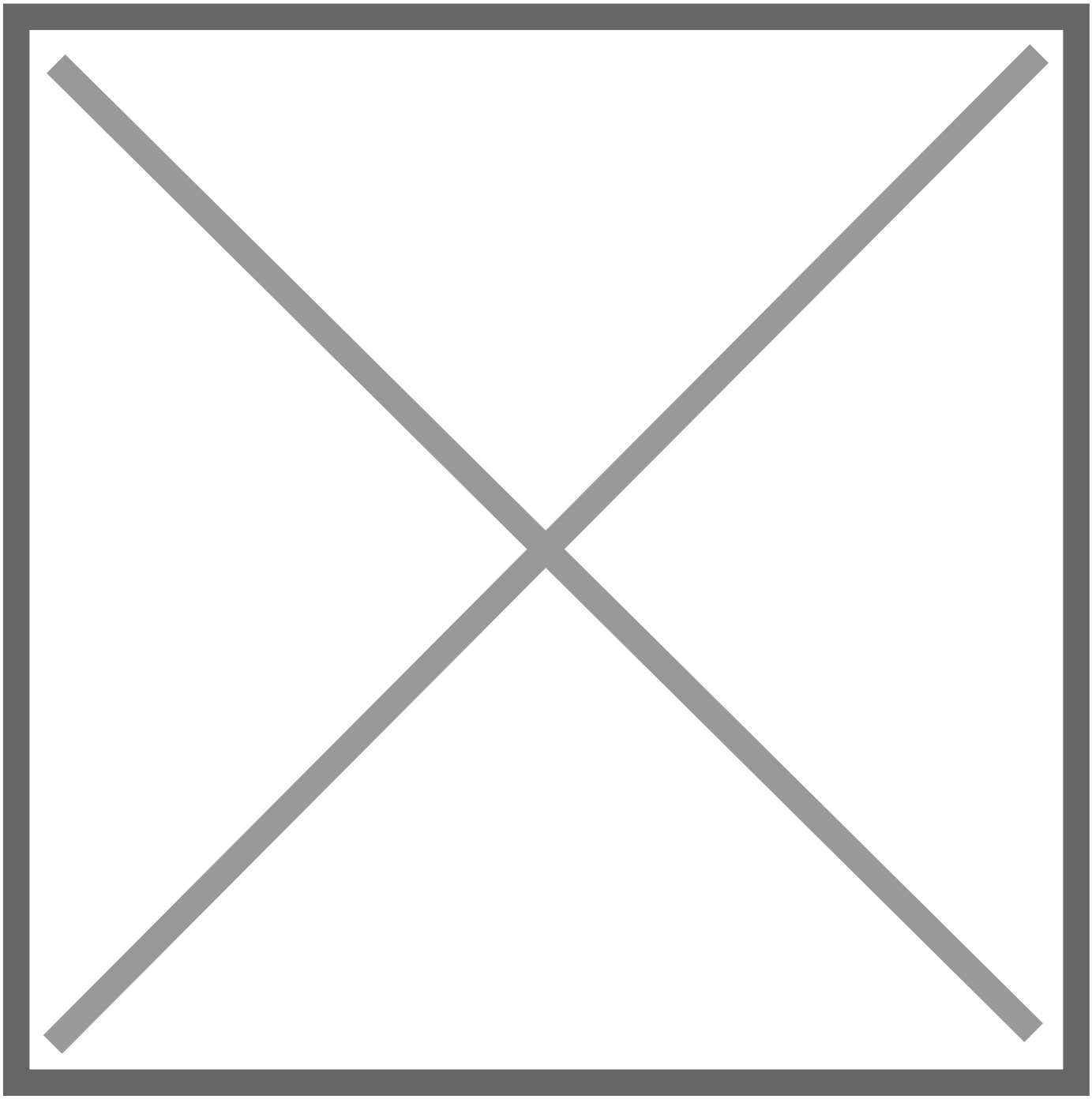


Survey type:	Self-reported
Age:	2-17
Sample size:	3,641
Area covered:	National
References:	Encuesta de Salud de España – ESdE 2023 (ESdE2023). Available at: https://vsf-iwsold-pro-01.mscbs.gob.es/estadEstudios/estadisticas/encuestaSaludEspana/home.htm [Accessed 10.07.25]

Notes:	Sample size unavailable for ages 2-17, sample size given is for ages 0-14
Cutoffs:	IOTF

Double burden of underweight & obesity

Children, 2022

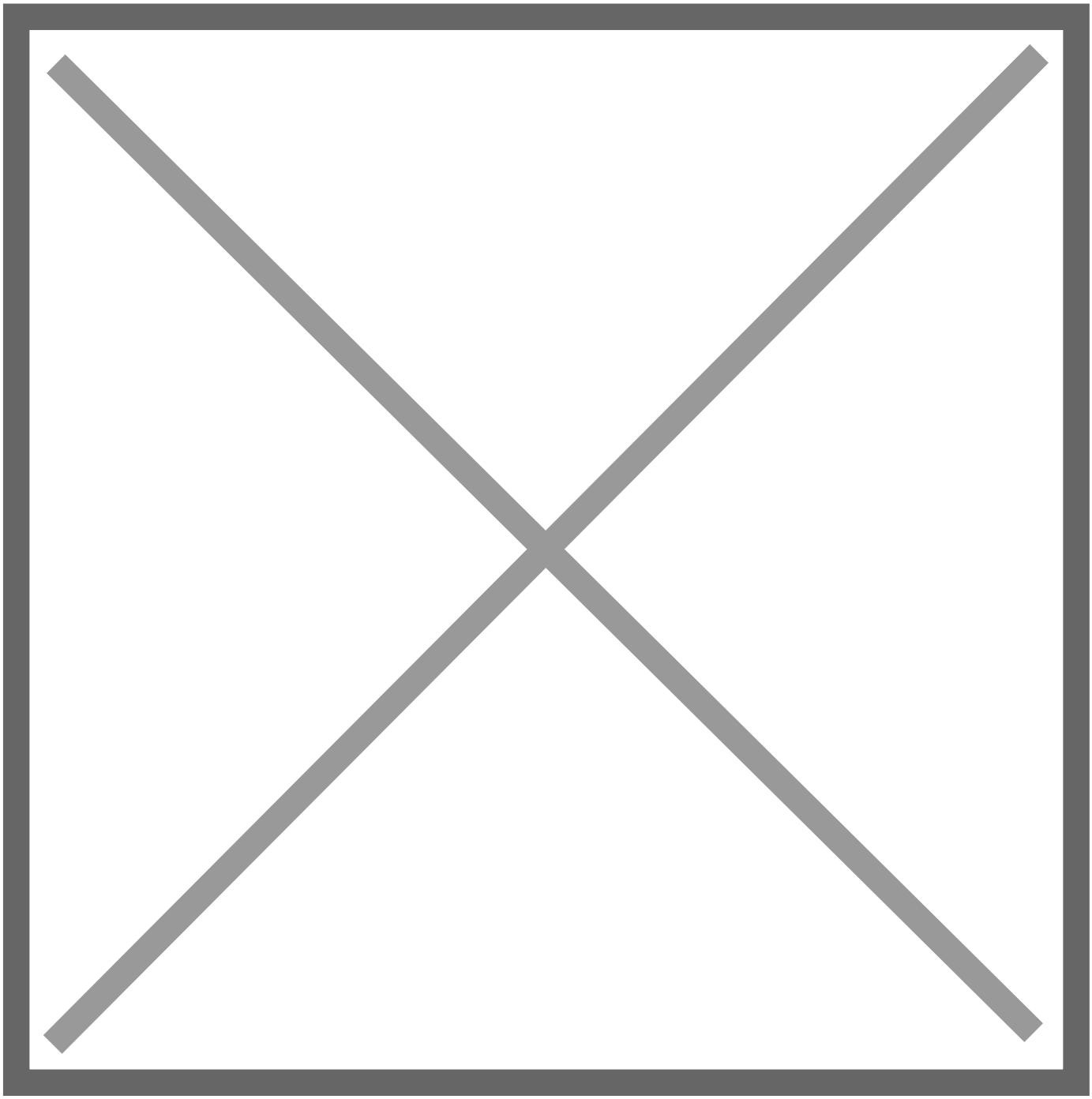


Survey type:	Measured
Age:	5-19
References:	NCD Risk Factor Collaboration (NCD-RisC). Worldwide trends in underweight and obesity from 1990 to 2022: a pooled analysis of 3663 population representative studies with 222 million children, adolescents, and adults. Lancet 2024; published online Feb 29. https://doi.org/10.1016/S0140-6736(23)02750-2.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

Insufficient physical activity

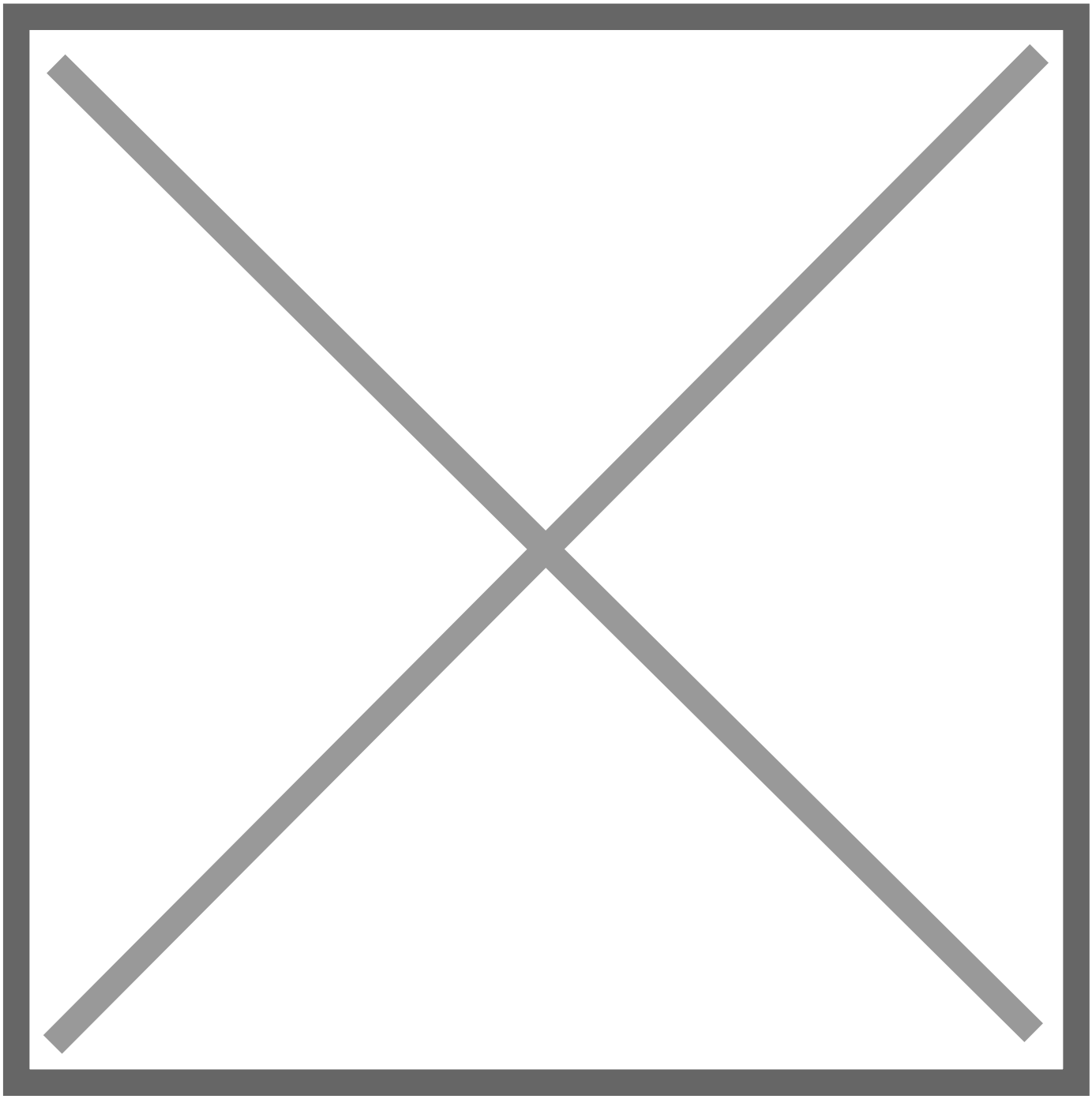
Boys, 2021-2022



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.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, 2021-2022

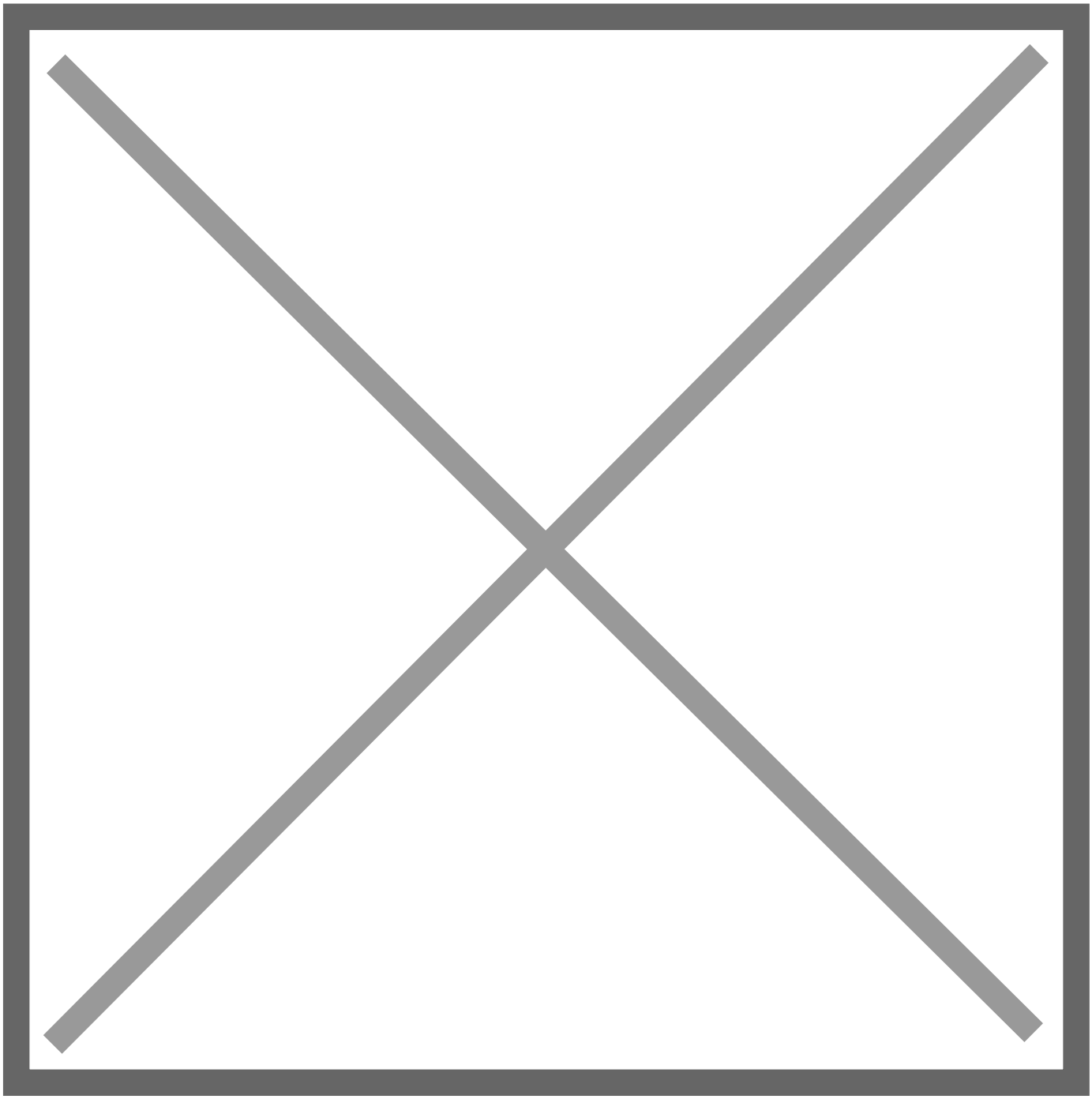


Survey type:	Self-reported
Area covered:	National
References:	Rakic JG, Hamrik Z, Dzielska A, Felder-Puig R, Oja L, Bakalár P et al. A focus on adolescent physical activity, eating behaviours, weight status and body image in Europe, central Asia and Canada. Health Behaviour in School-aged Children international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

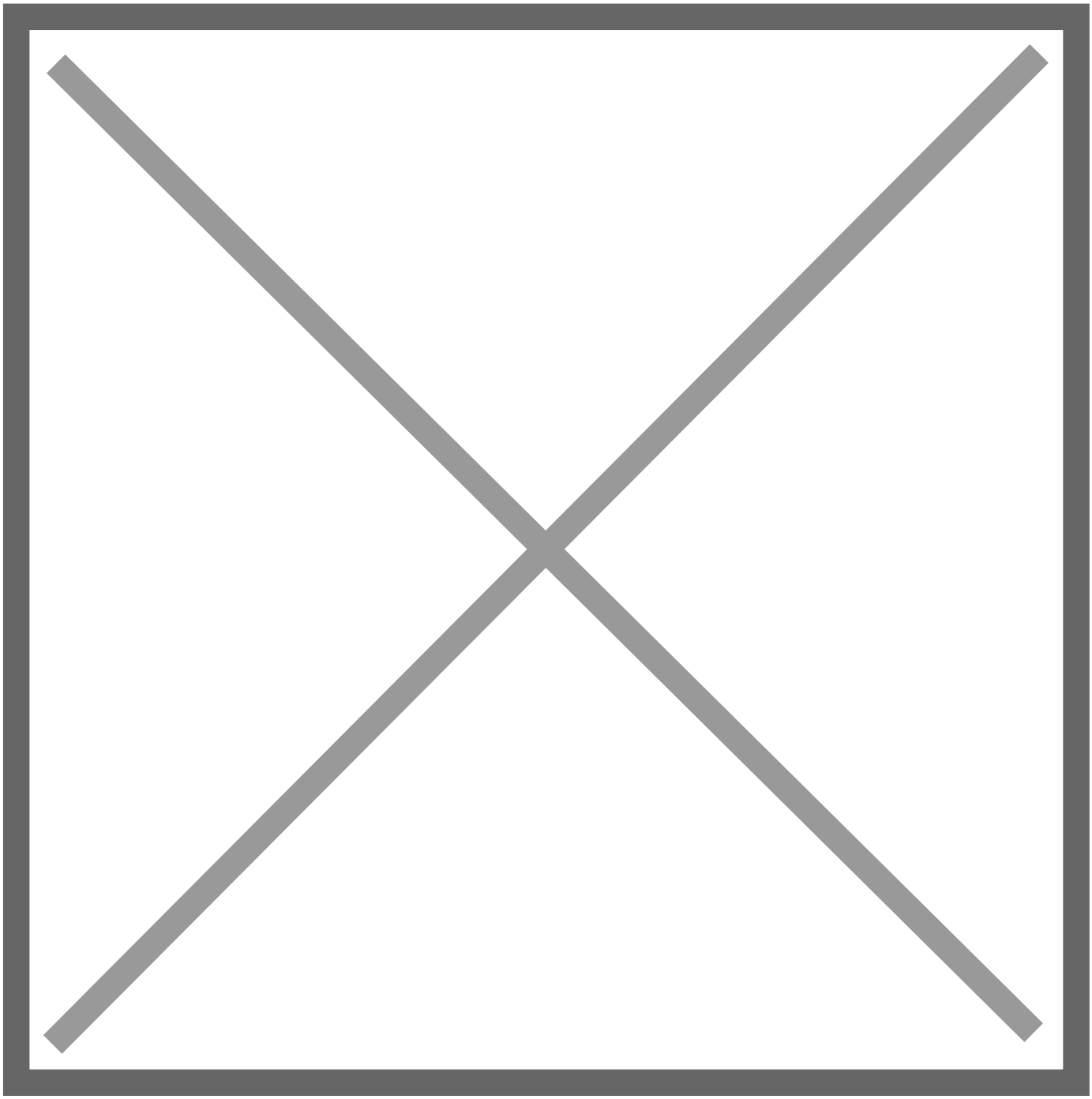
Children, 2022-2024



Survey type:	Self-reported
Age:	6-9
Sample size:	11806
Area covered:	National

References:	WHO European Childhood Obesity Surveillance Initiative (COSI): report on the sixth round of data collection, 2022– 2024. Copenhagen: WHO Regional Office for Europe; 2025. Licence: CC BY-NC-SA 3.0 IGO.
Notes:	National data excluding Germany (Bremen only) and Kazakhstan (Almaty only)
Definitions:	Prevalence of daily consumption of soft drinks containing sugar, as reported by the child's parent (%)

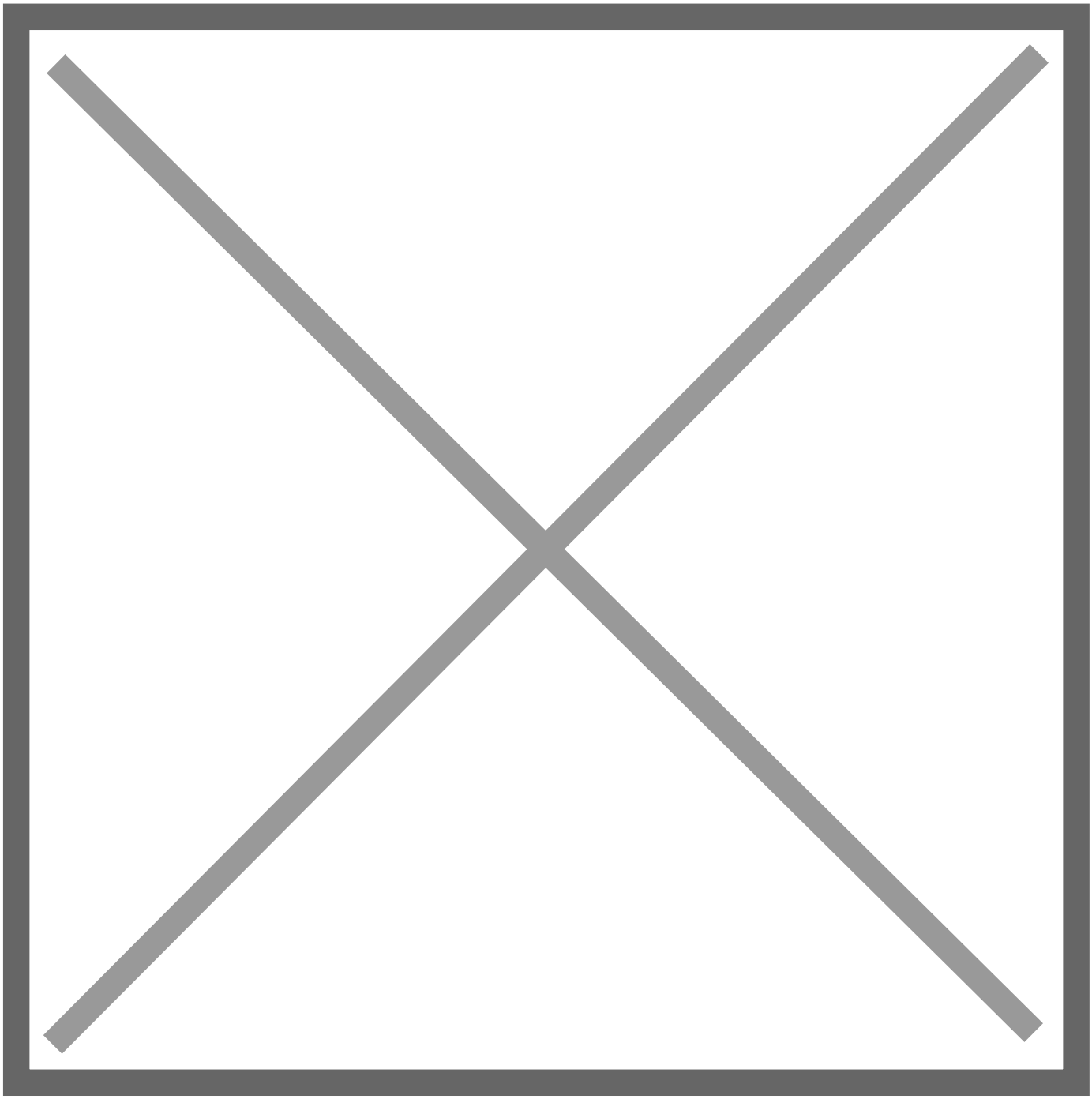
Boys, 2022-2024



Survey type:	Self-reported
Age:	6-9
Sample size:	11806
Area covered:	National

References:	WHO European Childhood Obesity Surveillance Initiative (COSI): report on the sixth round of data collection, 2022– 2024. Copenhagen: WHO Regional Office for Europe; 2025. Licence: CC BY-NC-SA 3.0 IGO.
Notes:	National data excluding Germany (Bremen only) and Kazakhstan (Almaty only)
Definitions:	Prevalence of daily consumption of soft drinks containing sugar, as reported by the child's parent (%)

Girls, 2022-2024

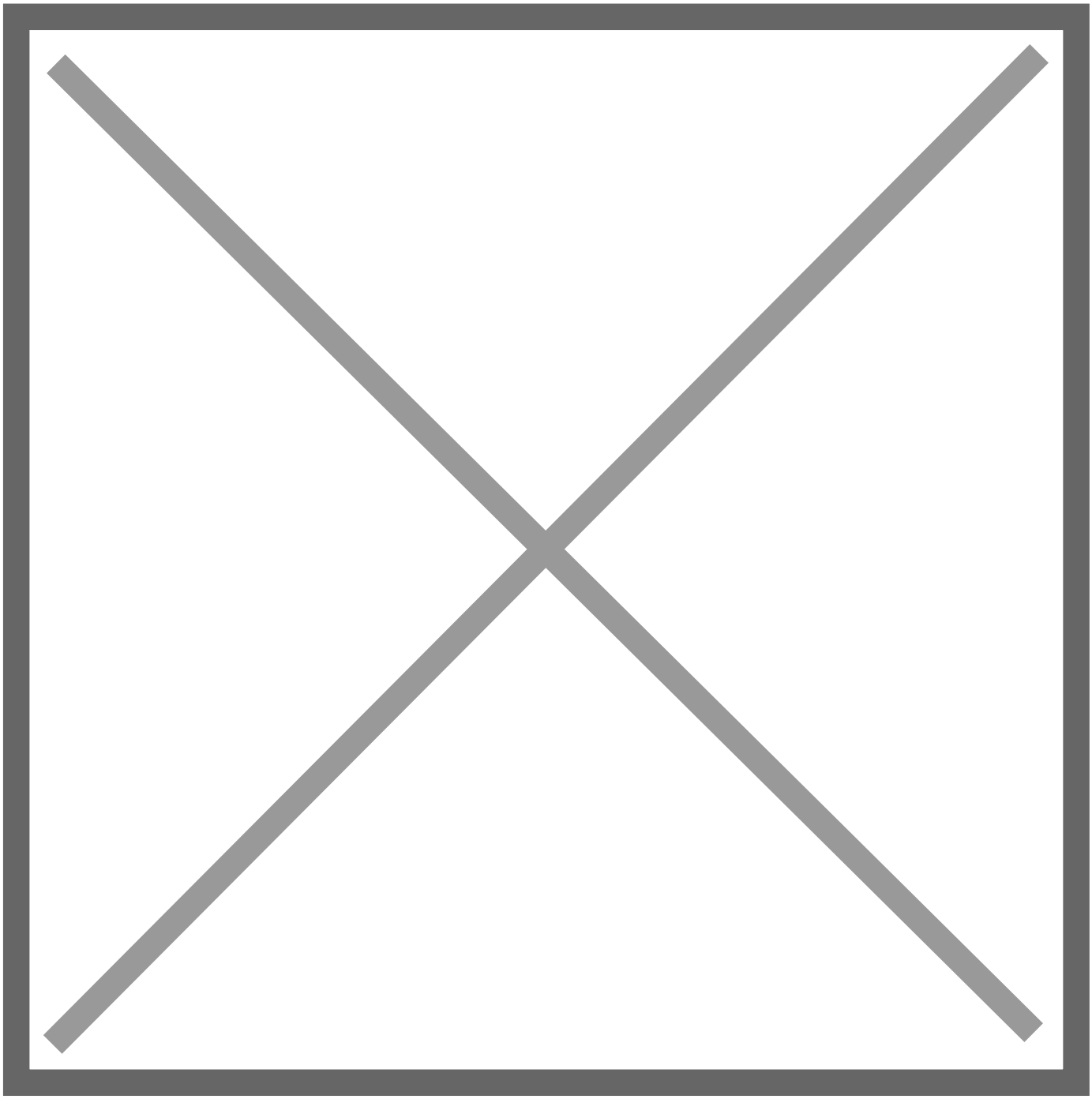


Survey type:	Self-reported
Age:	6-9
Sample size:	11806
Area covered:	National

References:	WHO European Childhood Obesity Surveillance Initiative (COSI): report on the sixth round of data collection, 2022– 2024. Copenhagen: WHO Regional Office for Europe; 2025. Licence: CC BY-NC-SA 3.0 IGO.
Notes:	National data excluding Germany (Bremen only) and Kazakhstan (Almaty only)
Definitions:	Prevalence of daily consumption of soft drinks containing sugar, as reported by the child's parent (%)

Prevalence of less than daily fruit consumption

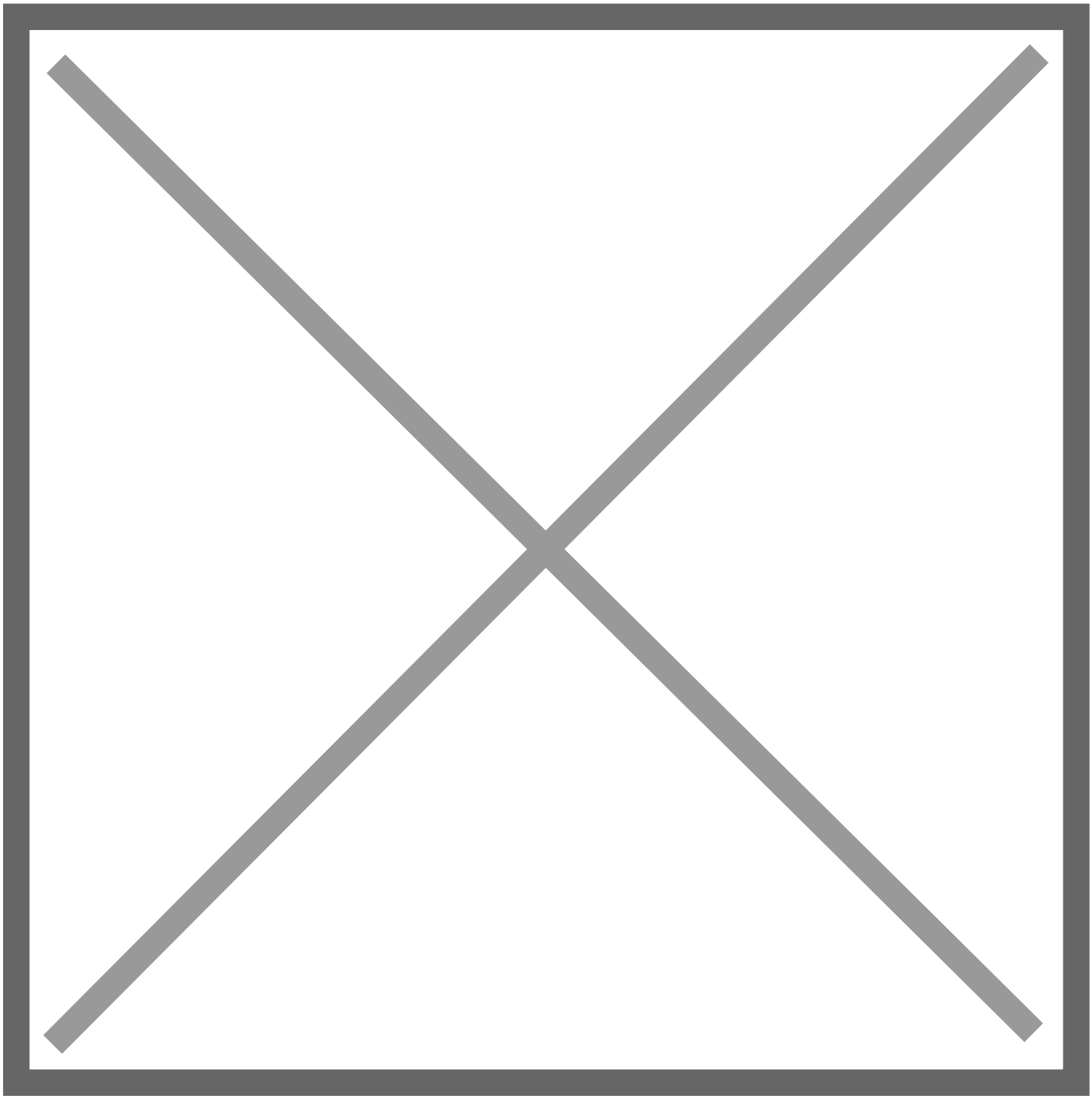
Children, 2022-2024



Survey type:	Self-reported
Age:	6-9
Sample size:	11846
Area covered:	National

References:	WHO European Childhood Obesity Surveillance Initiative (COSI): report on the sixth round of data collection, 2022– 2024. Copenhagen: WHO Regional Office for Europe; 2025. Licence: CC BY-NC-SA 3.0 IGO.
Notes:	National data excluding Germany (Bremen only) and Kazakhstan (Almaty only).
Definitions:	Proportion of children whose parents reported that their child consumes fruit less than daily

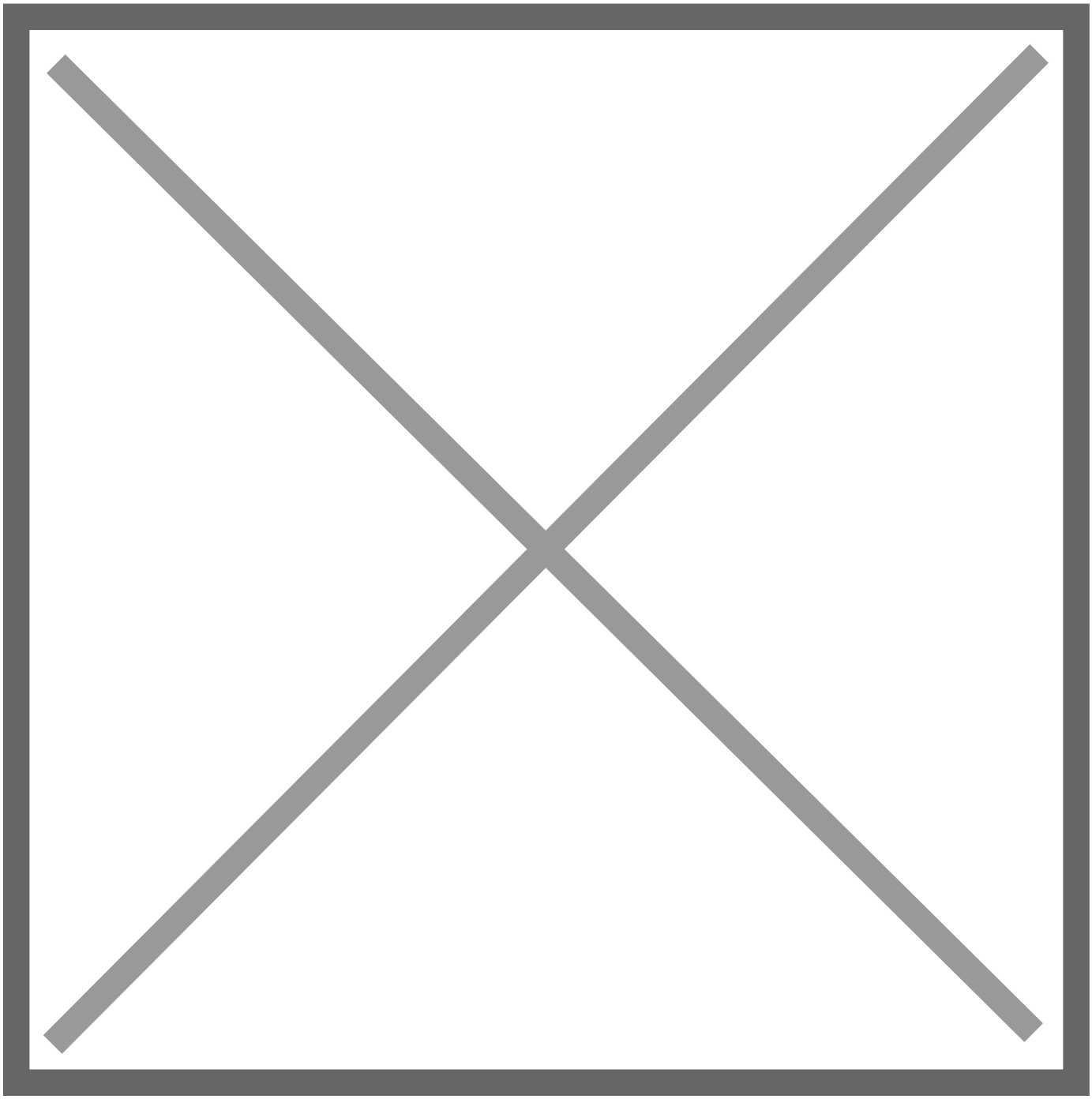
Boys, 2022-2024



Survey type:	Self-reported
Age:	6-9
Sample size:	11846
Area covered:	National

References:	WHO European Childhood Obesity Surveillance Initiative (COSI): report on the sixth round of data collection, 2022– 2024. Copenhagen: WHO Regional Office for Europe; 2025. Licence: CC BY-NC-SA 3.0 IGO.
Notes:	National data excluding Germany (Bremen only) and Kazakhstan (Almaty only).
Definitions:	Proportion of children whose parents reported that their child consumes fruit less than daily

Girls, 2022-2024

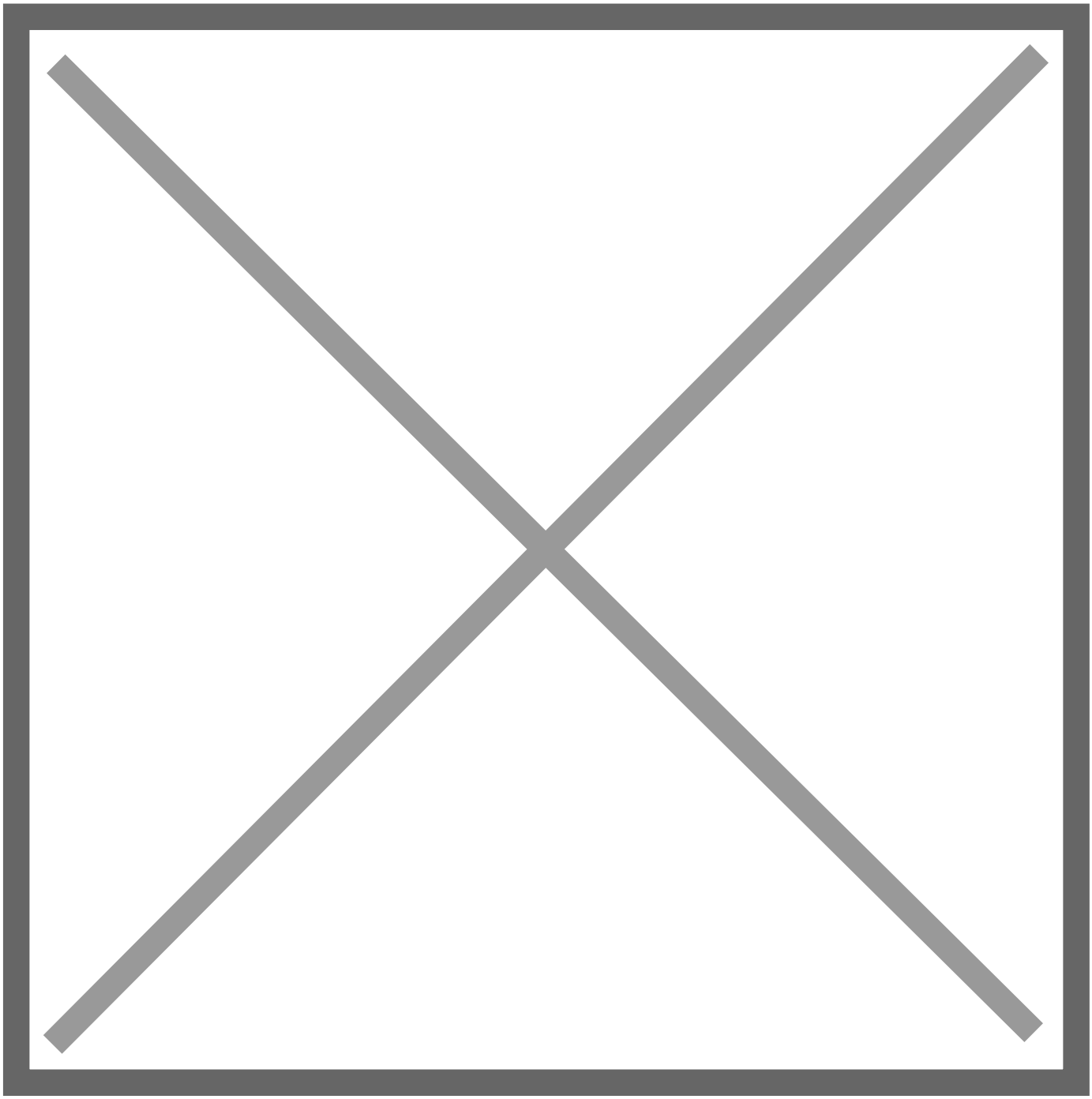


Survey type:	Self-reported
Age:	6-9
Sample size:	11846
Area covered:	National

References:	WHO European Childhood Obesity Surveillance Initiative (COSI): report on the sixth round of data collection, 2022– 2024. Copenhagen: WHO Regional Office for Europe; 2025. Licence: CC BY-NC-SA 3.0 IGO.
Notes:	National data excluding Germany (Bremen only) and Kazakhstan (Almaty only).
Definitions:	Proportion of children whose parents reported that their child consumes fruit less than daily

Prevalence of less than daily vegetable consumption

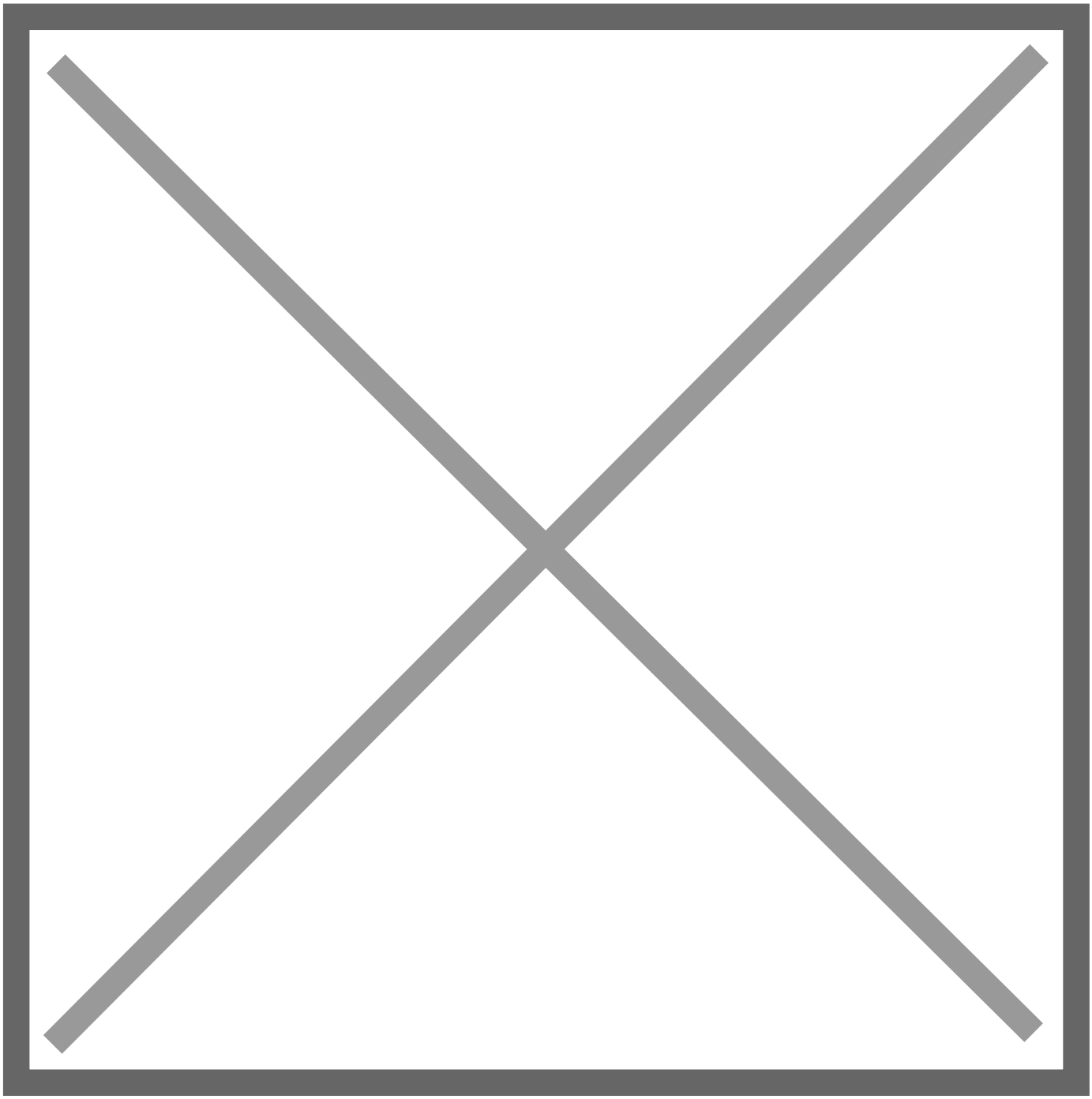
Children, 2022-2024



Survey type:	Self-reported
Age:	6-9
Sample size:	11829
Area covered:	National

References:	WHO European Childhood Obesity Surveillance Initiative (COSI): report on the sixth round of data collection, 2022– 2024. Copenhagen: WHO Regional Office for Europe; 2025. Licence: CC BY-NC-SA 3.0 IGO.
Notes:	National data excluding Germany (Bremen only) and Kazakhstan (Almaty only).
Definitions:	Proportion of children whose parents reported that their child consumes vegetables less than daily

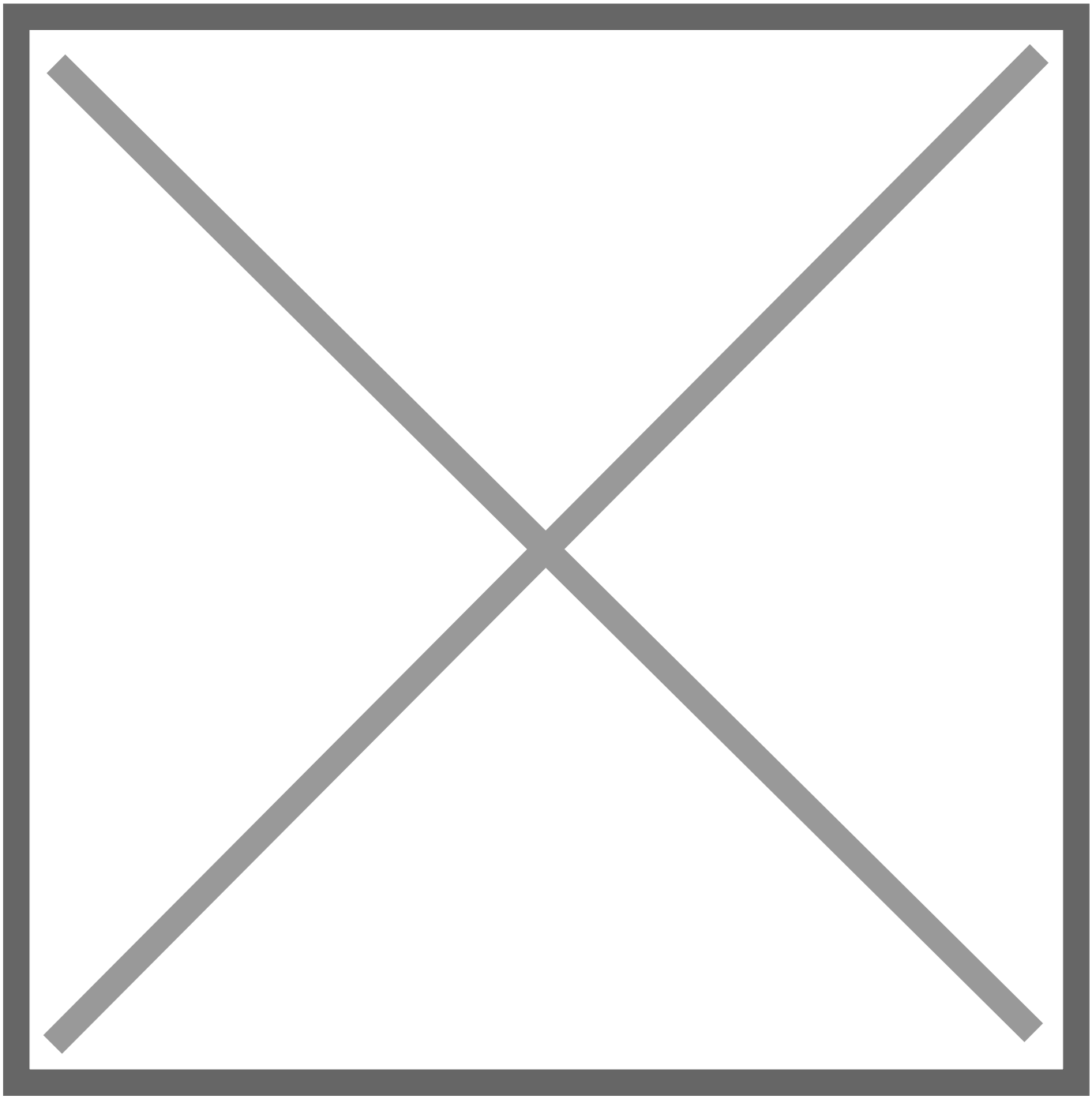
Boys, 2022-2024



Survey type:	Self-reported
Age:	6-9
Sample size:	11829
Area covered:	National

References:	WHO European Childhood Obesity Surveillance Initiative (COSI): report on the sixth round of data collection, 2022– 2024. Copenhagen: WHO Regional Office for Europe; 2025. Licence: CC BY-NC-SA 3.0 IGO.
Notes:	National data excluding Germany (Bremen only) and Kazakhstan (Almaty only).
Definitions:	Proportion of children whose parents reported that their child consumes vegetables less than daily

Girls, 2022-2024

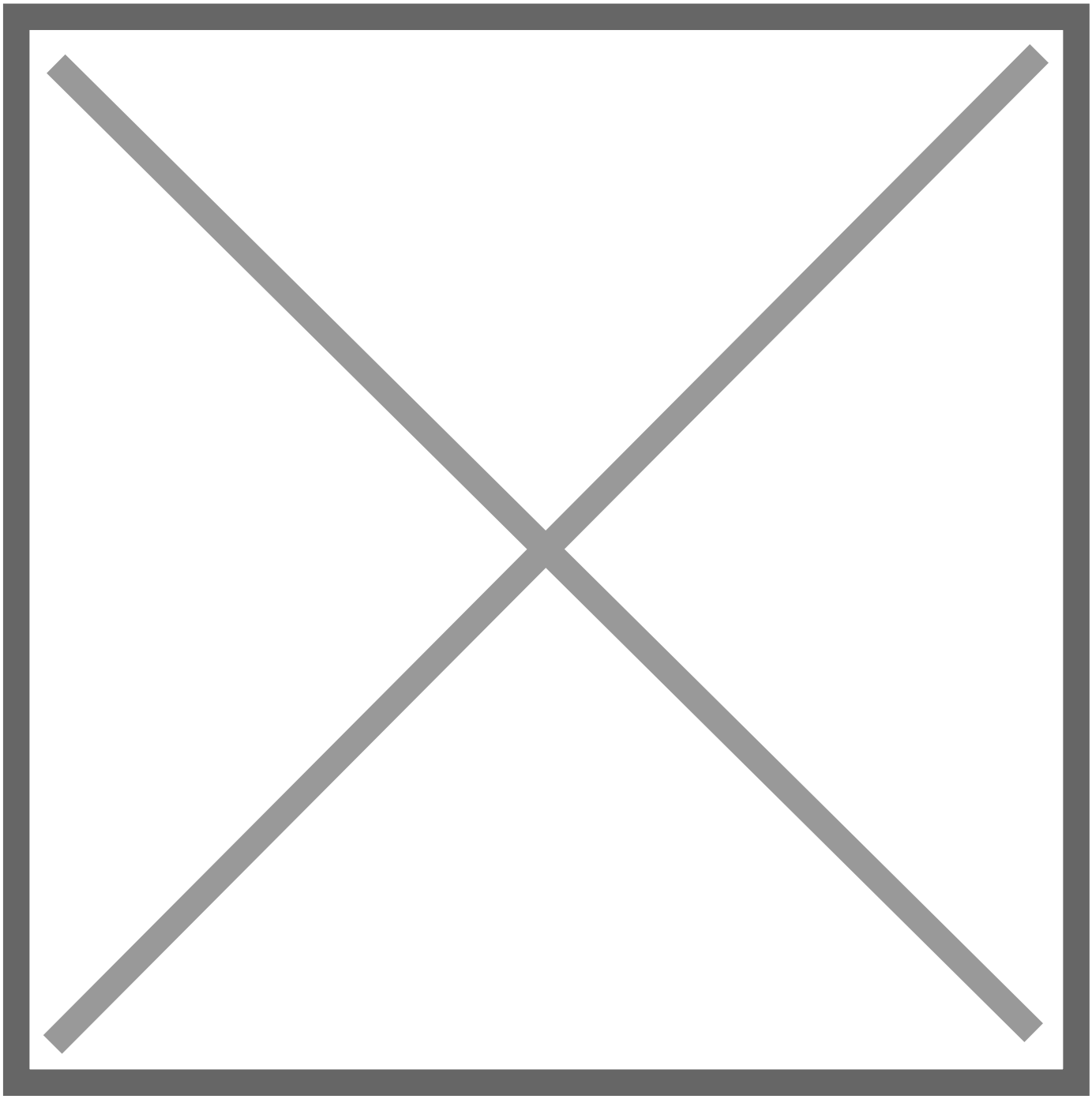


Survey type:	Self-reported
Age:	6-9
Sample size:	11829
Area covered:	National

References:	WHO European Childhood Obesity Surveillance Initiative (COSI): report on the sixth round of data collection, 2022– 2024. Copenhagen: WHO Regional Office for Europe; 2025. Licence: CC BY-NC-SA 3.0 IGO.
Notes:	National data excluding Germany (Bremen only) and Kazakhstan (Almaty only).
Definitions:	Proportion of children whose parents reported that their child consumes vegetables less than daily

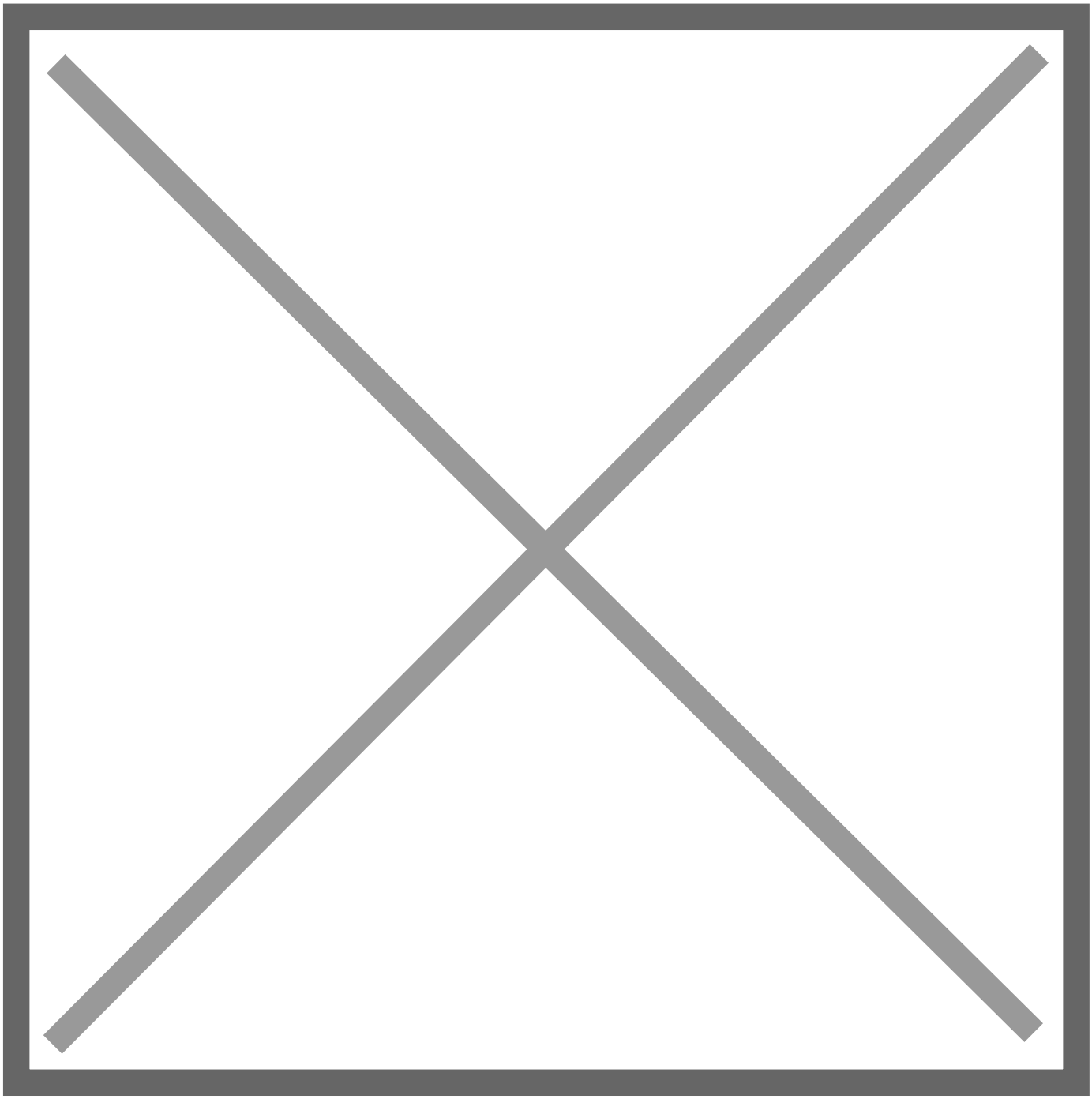
Mental health - depression disorders

Children, 2023



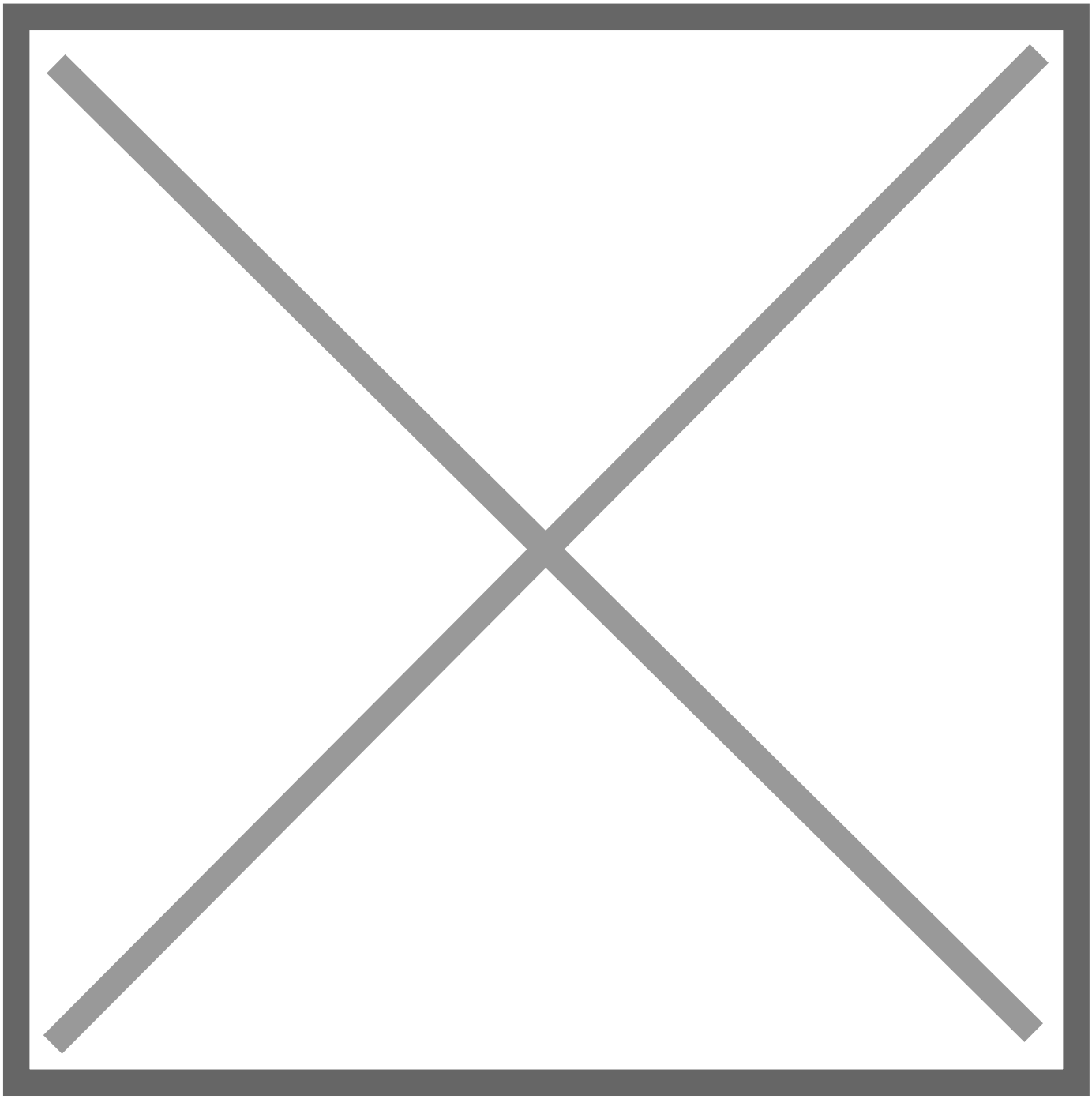
Area covered:	National
References:	Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2023. Seattle, WA: IHME, University of Washington, 2025. Available from https://vizhub.healthdata.org/gbd-compare/ [Accessed 17.03.26]
Definitions:	Estimated number living with depressive disorders per 100,000 population (under 20 years of age)

Boys, 2023



Area covered:	National
References:	Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2023. Seattle, WA: IHME, University of Washington, 2025. Available from https://vizhub.healthdata.org/gbd-compare/ [Accessed 17.03.26]
Definitions:	Estimated number living with depressive disorders per 100,000 population (under 20 years of age)

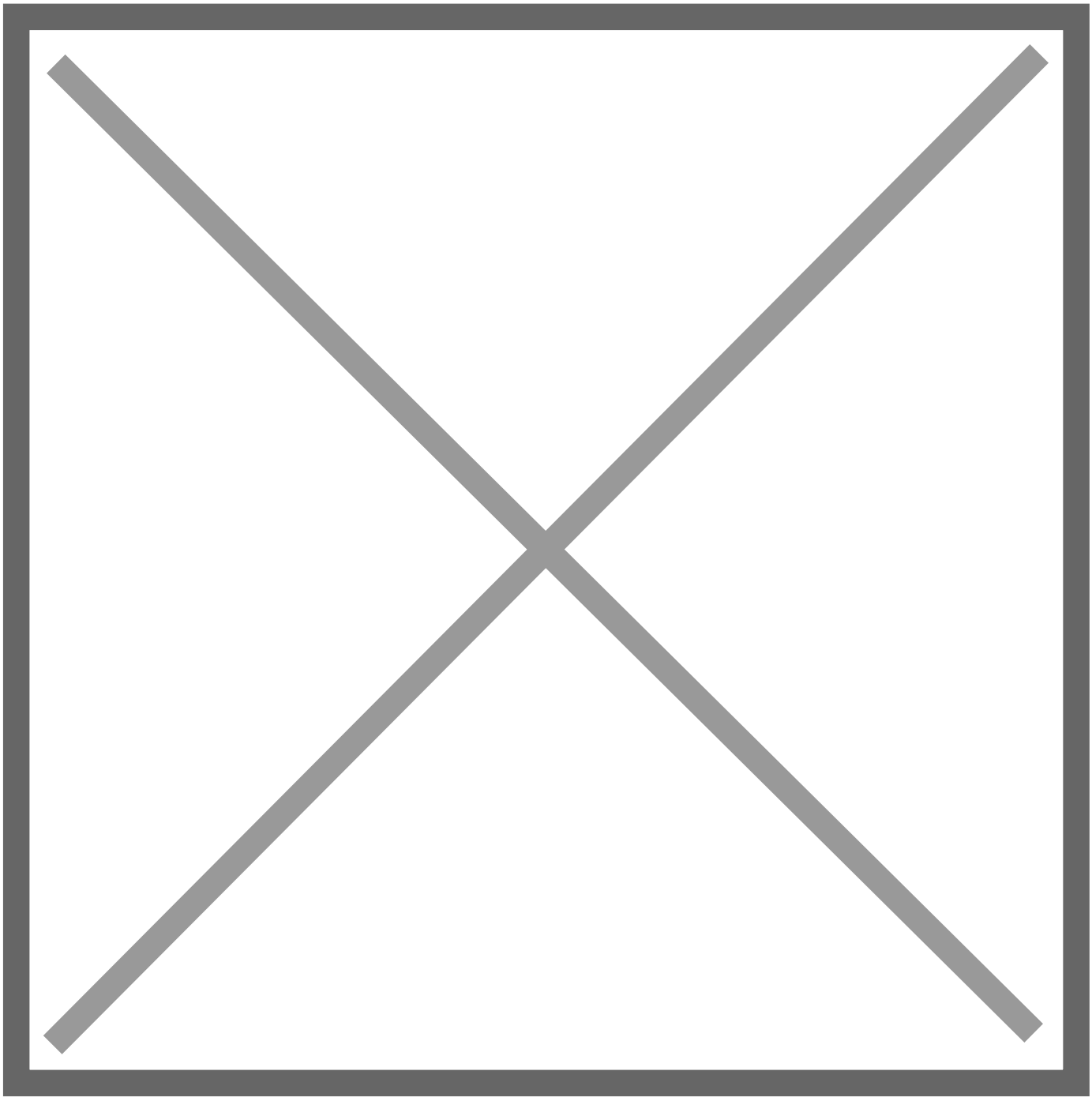
Girls, 2023



Area covered:	National
References:	Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2023. Seattle, WA: IHME, University of Washington, 2025. Available from https://vizhub.healthdata.org/gbd-compare/ [Accessed 17.03.26]
Definitions:	Estimated number living with depressive disorders per 100,000 population (under 20 years of age)

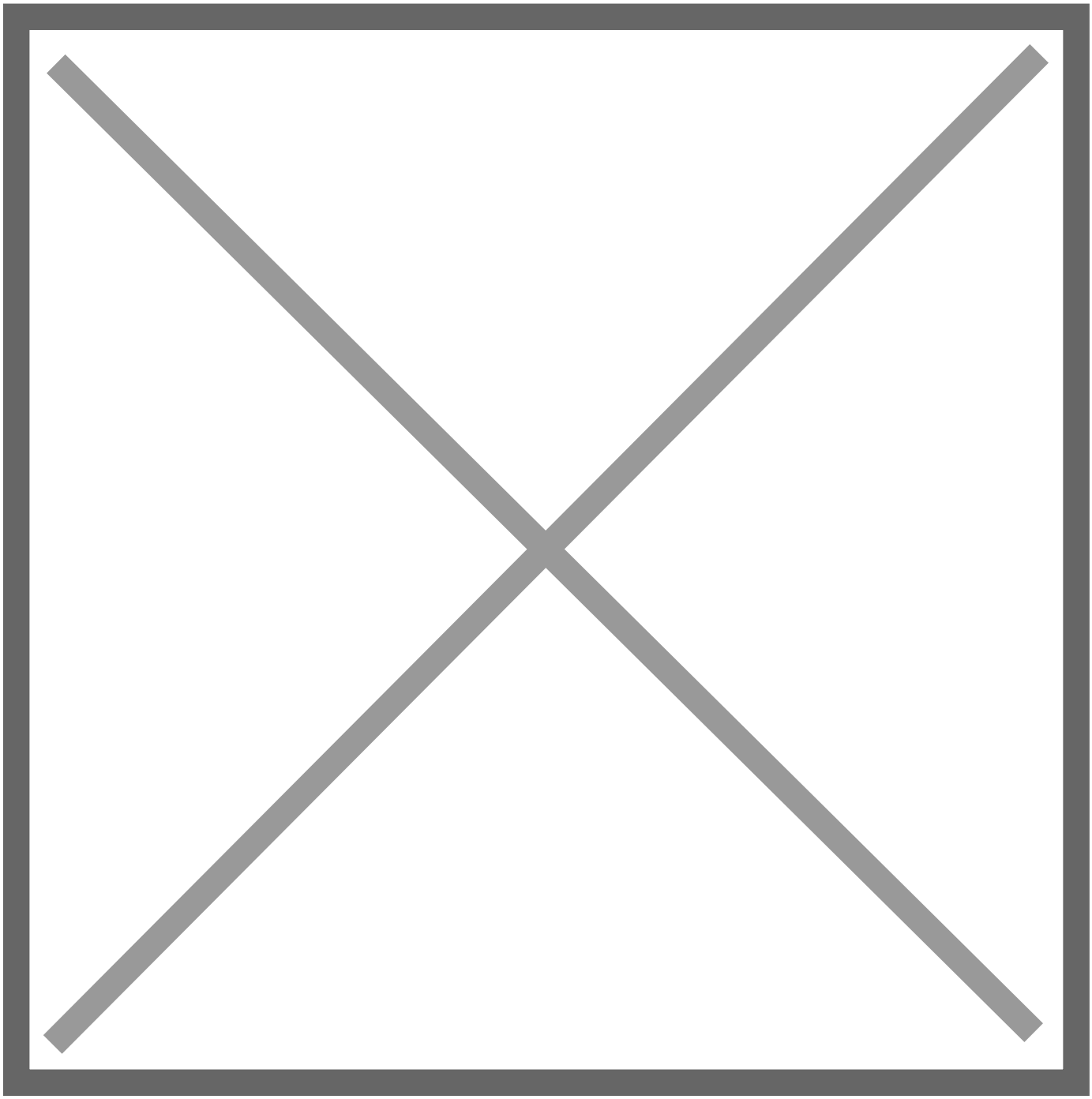
Mental health - anxiety disorders

Children, 2023



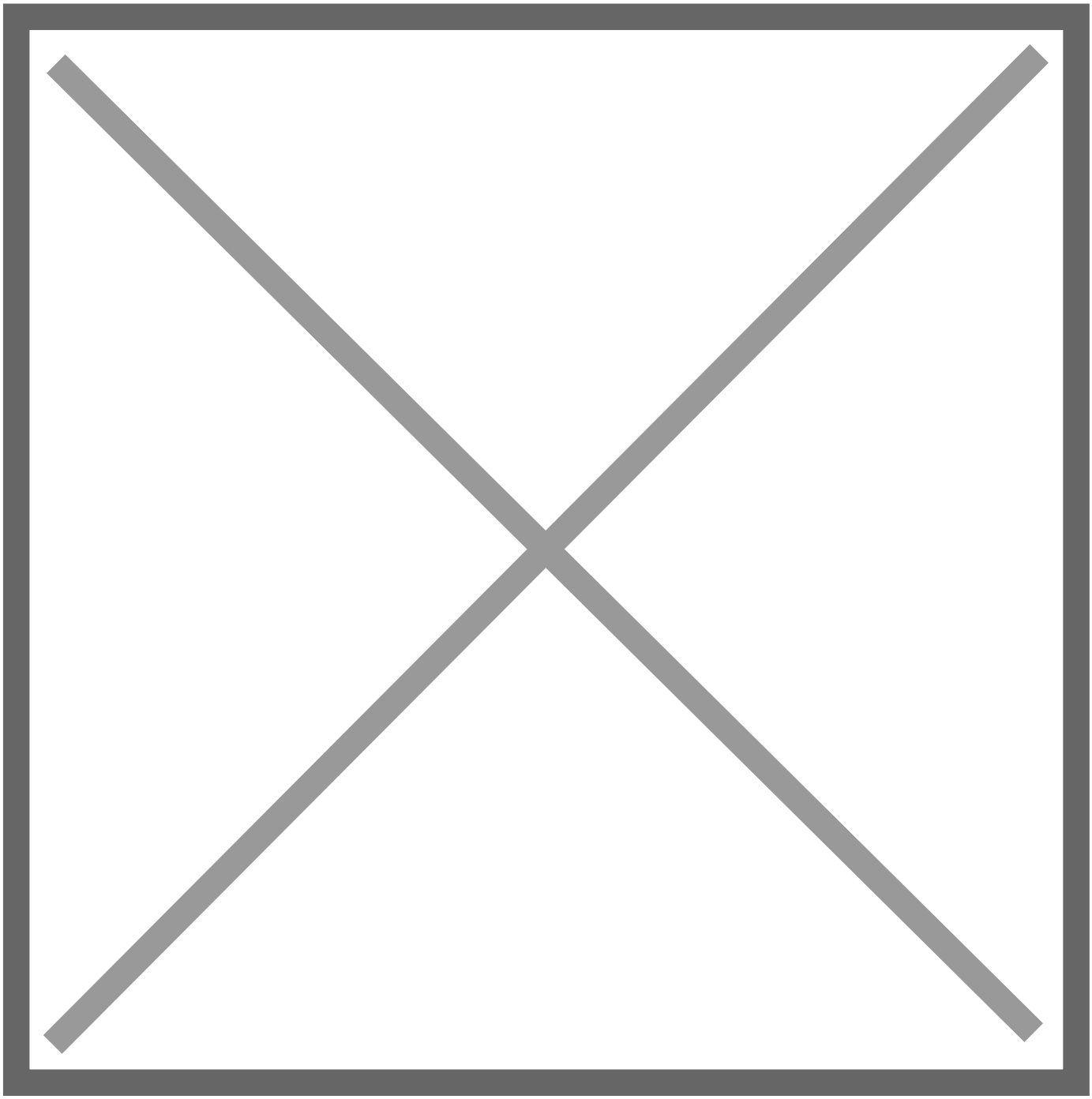
Area covered:	National
References:	Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2023. Seattle, WA: IHME, University of Washington, 2025. Available from https://vizhub.healthdata.org/gbd-compare/ [Accessed 17.03.26]
Definitions:	Estimated number living with anxiety disorders per 100,000 population (under 20 years of age)

Boys, 2023



Area covered:	National
References:	Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2023. Seattle, WA: IHME, University of Washington, 2025. Available from https://vizhub.healthdata.org/gbd-compare/ [Accessed 17.03.26]
Definitions:	Estimated number living with anxiety disorders per 100,000 population (under 20 years of age)

Girls, 2023



Area covered:	National
References:	Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2023. Seattle, WA: IHME, University of Washington, 2025. Available from https://vizhub.healthdata.org/gbd-compare/ [Accessed 17.03.26]
Definitions:	Estimated number living with anxiety disorders per 100,000 population (under 20 years of age)

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