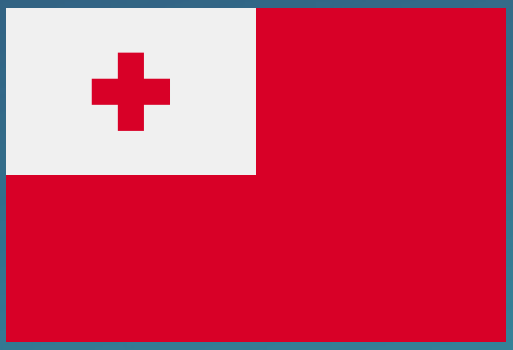
Tonga



Country report card - adults

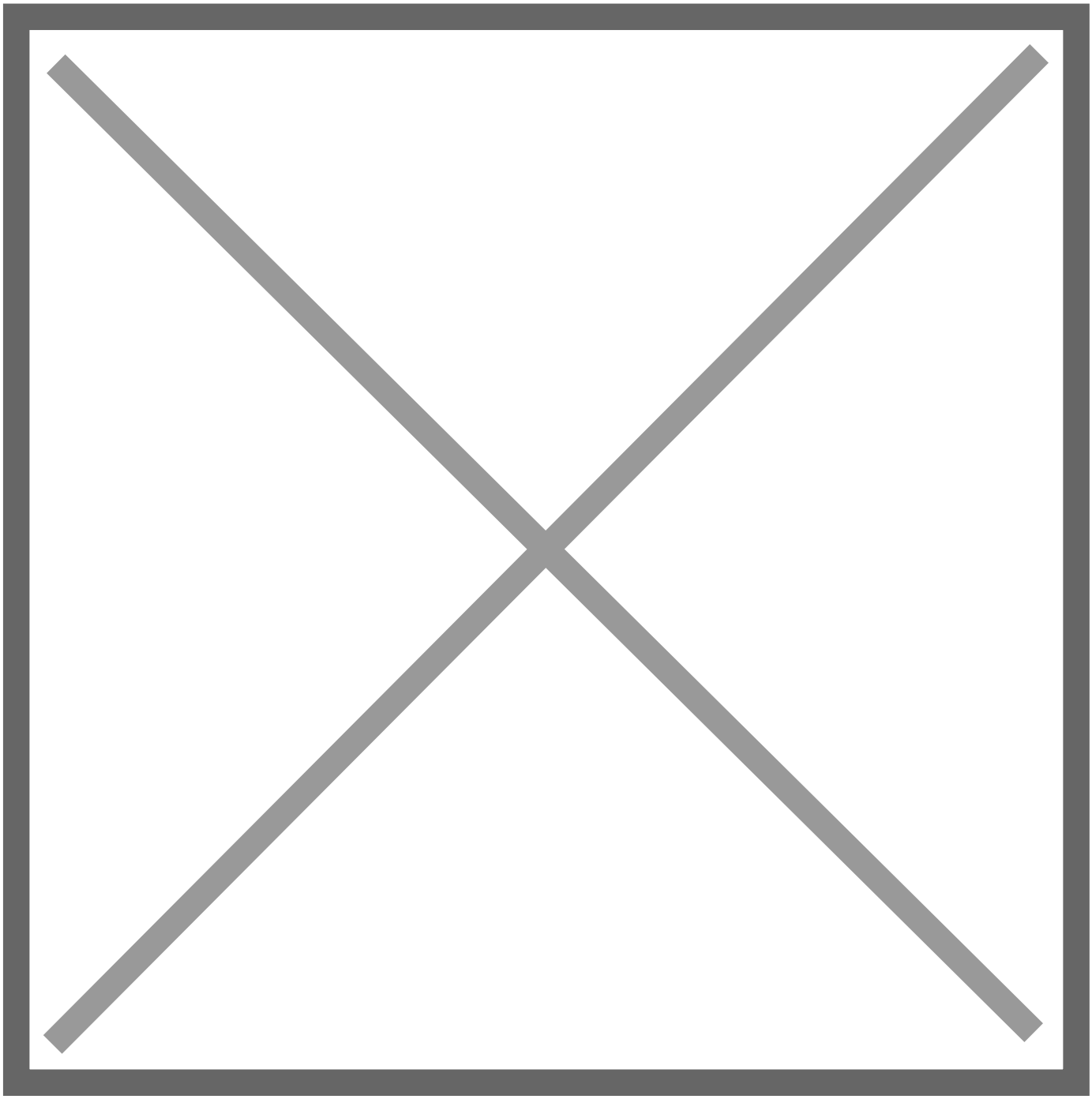
This report card contains the latest data available on the Global Obesity Observatory on overweight and obesity for adults. Where available, data on common and relevant obesity drivers and comorbidities are also presented.

View the latest version of this report on the Global Obesity Observatory at https://data.worldobesity.org/country/tonga-216/.

Contents	Page
Obesity prevalence	3
Trend: % Adults living with obesity in Tonga 1998-2017	5
Trend: % Adults living with overweight or obesity in Tonga 1998-2017	10
Trend: % Adults living with obesity in selected countries in the Asia/Oceania Region 1975-2019, selected countries	15
Overweight/obesity by age	20
Double burden of underweight & obesity	23
Insufficient physical activity	26
Mental health - depression disorders	29
Mental health - anxiety disorders	33
Raised blood pressure	37
Raised cholesterol	41
Raised fasting blood glucose	44
Diabetes prevalence	46

Obesity prevalence

Adults, 2017

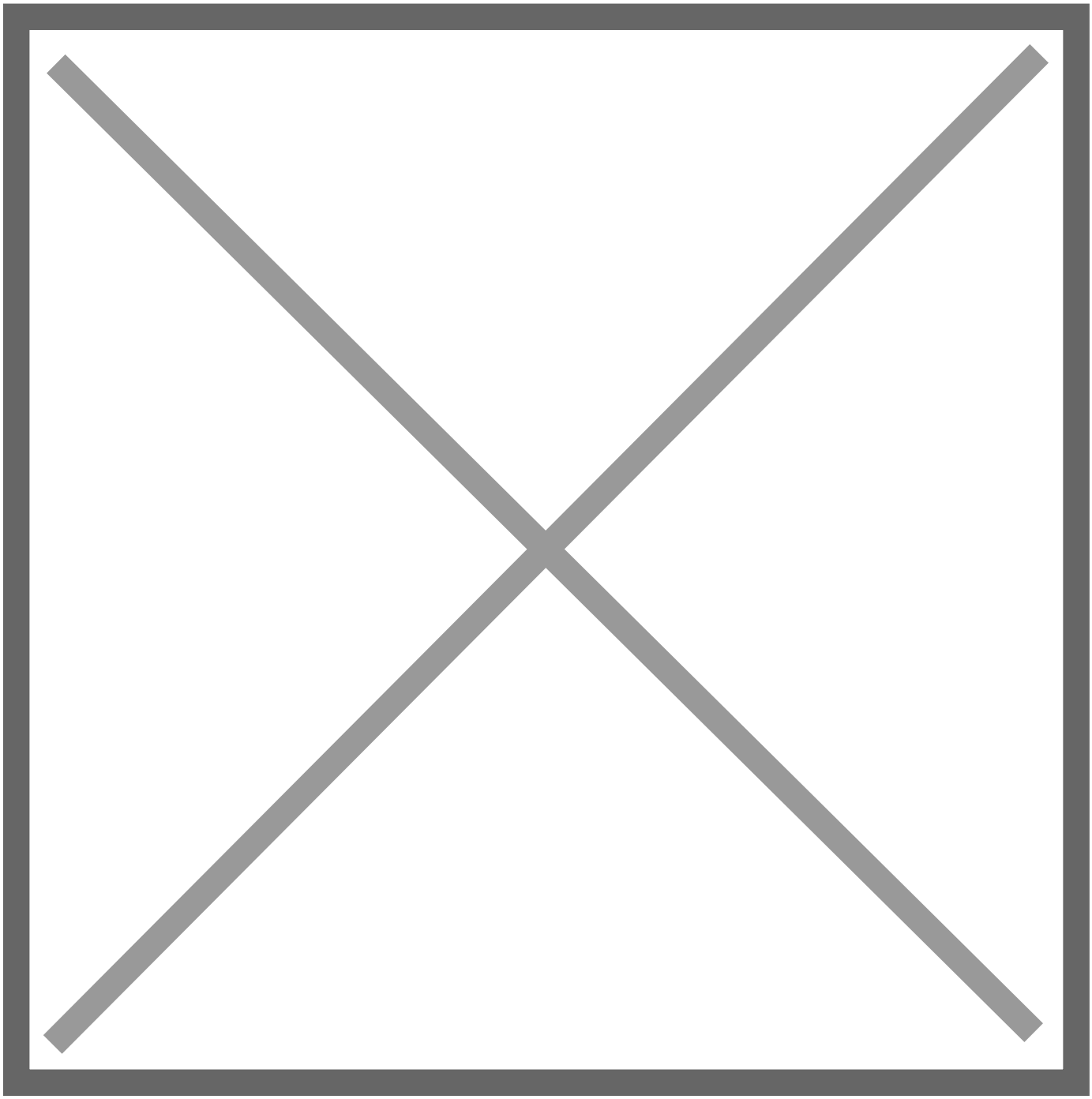


Survey type:	Measured
Age:	18-69
Sample size:	3858
Area covered:	National
References:	Tonga STEPS Survey 2017 https://extranet.who.int/ncdsmicrodata/index.php/catalog/713 (Last accessed 13.10.20)

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

% Adults living with obesity in Tonga 1998-2017

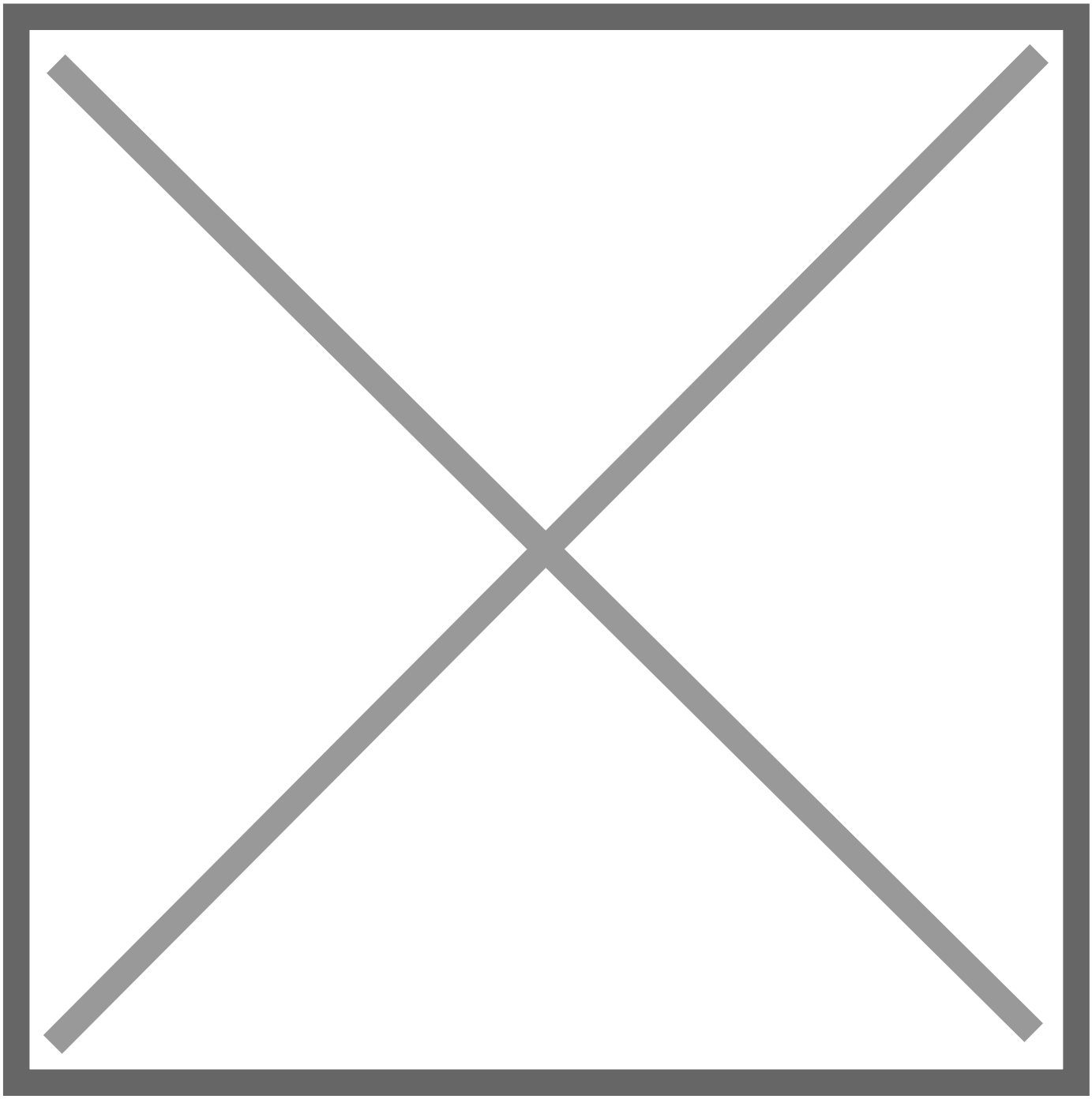
Men



Survey type:	Measured
References:	1998: Colaguir S, Colagiuri R, Na'ati S, Muimuiheata S, Hussain Z and Palau T. (2002). The prevalence of diabetes in the Kingdom of Tonga. Diabetes care, 25: 1378 - 1383. 2004: Tonga STEPS Survey 2004 2012: STEPS Survey Tonga 2012 available at https://www.who.int/ncds/surveillance/steps/2012_Tonga_STEPSReport.pdf (last accessed 04.05.2020) 2017: Tonga STEPS Survey 2017 https://extranet.who.int/ncdsmicrodata/index.php/catalog/713 (Last accessed 13.10.20)
	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.

Women



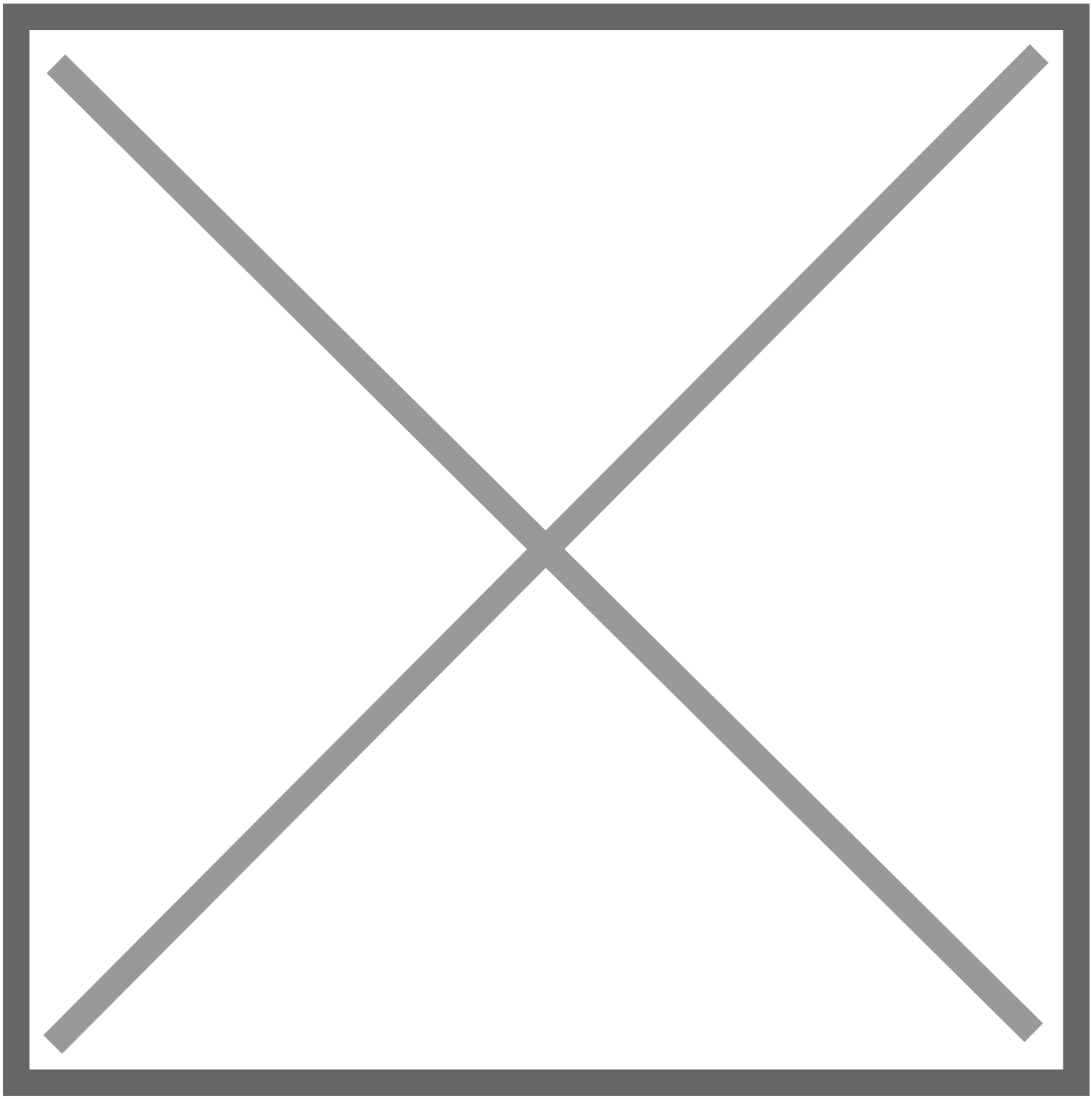
Survey type:	Measured
References:	1998: Colaguir S, Colagiuri R, Na'ati S, Muimuiheata S, Hussain Z and Palau T. (2002). The prevalence of diabetes in the Kingdom of Tonga. Diabetes care, 25: 1378 - 1383. 2004: Tonga STEPS Survey 2004 2012: STEPS Survey Tonga 2012 available at https://www.who.int/ncds/surveillance/steps/2012_Tonga_STEPSReport.pdf (last accessed 04.05.2020) 2017: Tonga STEPS Survey 2017 https://extranet.who.int/ncdsmicrodata/index.php/catalog/713 (Last accessed 13.10.20)

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.

% Adults living with overweight or obesity in Tonga 1998-2017

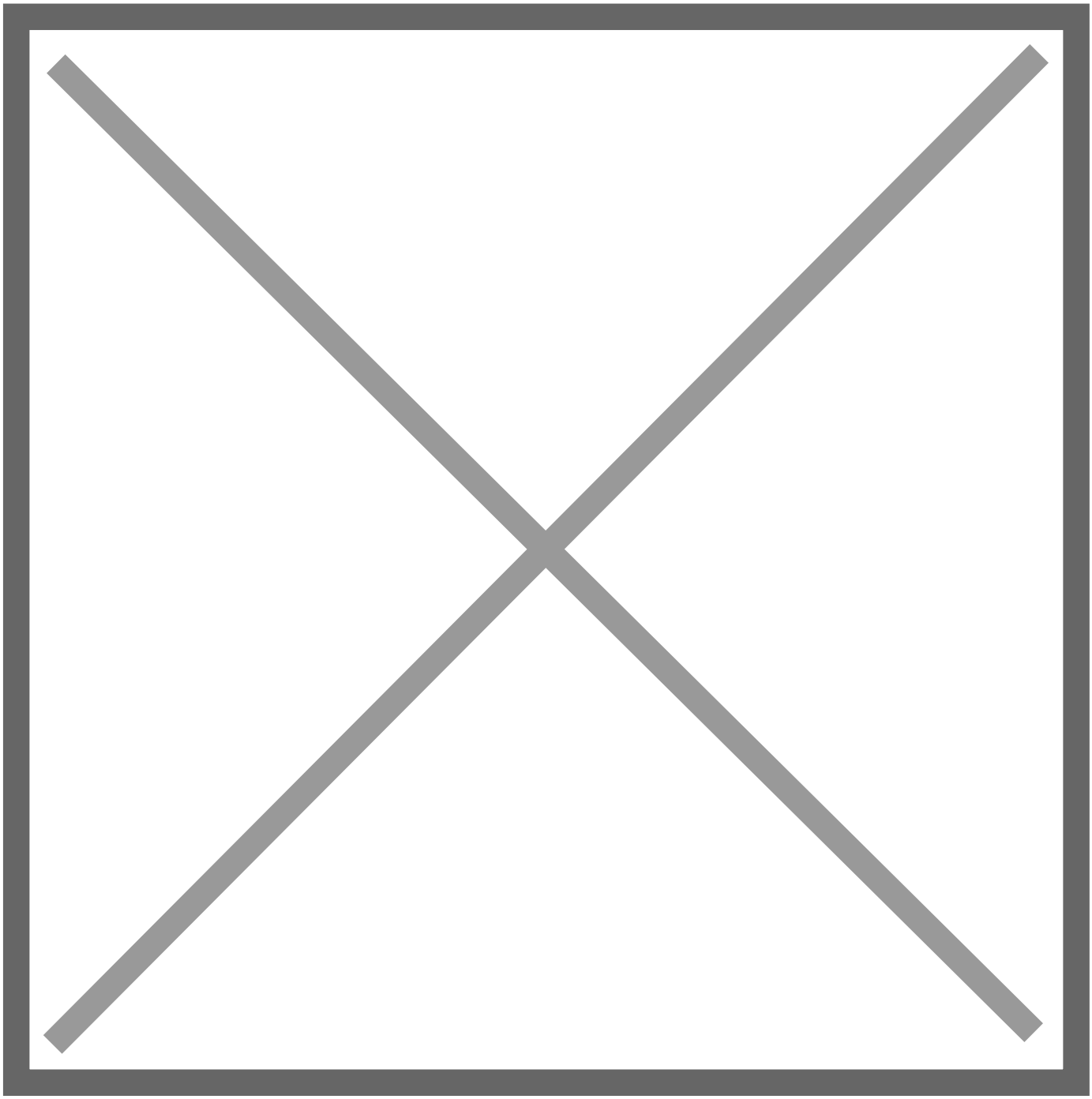
Men



Survey type:	Measured
References:	1998: Colaguir S, Colagiuri R, Na'ati S, Muimuiheata S, Hussain Z and Palau T. (2002). The prevalence of diabetes in the Kingdom of Tonga. Diabetes care, 25: 1378 - 1383. 2004: Tonga STEPS Survey 2004 2012: STEPS Survey Tonga 2012 available at https://www.who.int/ncds/surveillance/steps/2012_Tonga_STEPSReport.pdf (last accessed 04.05.2020) 2017: Tonga STEPS Survey 2017 https://extranet.who.int/ncdsmicrodata/index.php/catalog/713 (Last accessed 13.10.20)
	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.

Women



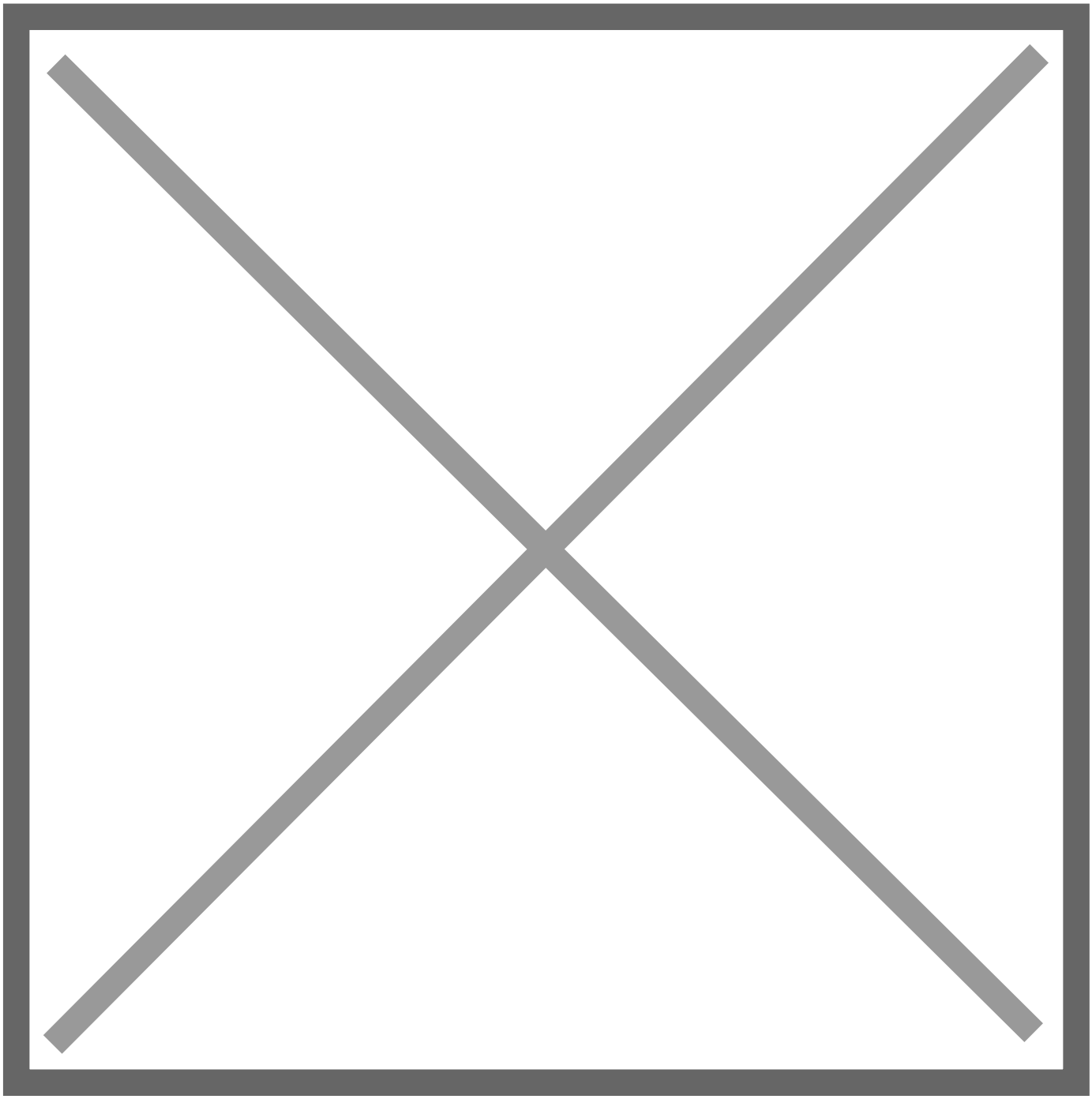
Survey type:	Measured
References:	1998: Colaguir S, Colagiuri R, Na'ati S, Muimuiheata S, Hussain Z and Palau T. (2002). The prevalence of diabetes in the Kingdom of Tonga. Diabetes care, 25: 1378 - 1383. 2004: Tonga STEPS Survey 2004 2012: STEPS Survey Tonga 2012 available at https://www.who.int/ncds/surveillance/steps/2012_Tonga_STEPSReport.pdf (last accessed 04.05.2020) 2017: Tonga STEPS Survey 2017 https://extranet.who.int/ncdsmicrodata/index.php/catalog/713 (Last accessed 13.10.20)

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.

% Adults living with obesity in selected countries in the Asia/Oceania Region 1975-2019, selected countries

Men



References:

1976, 1981, 1986: Yoshiike N, Seino F, Tajima S, Arai Y, Kawano M, Furuhata T, Inoue S. Twenty-year changes in the prevalence of overweight in Japanese adults: The National Nutrition Survey 1976-95. Obesity Reviews 2002;3:183-190

1993: Solon FS. Nutrition related chronic diseases in the Philippines. Makati city, Philippines: Nutrition Center of the Philippines Report Series, vol 2, No.1, cited in Reference 53

1995, 1996: Martorell R, Khan LK, Hughes ML, Grummer Strawn LM. Obesity in women from developing countries. EJCN (2000) 54;247-252

1998: Data provided by the Philippean Depatment of Health, Dr C. Barbu, data reanalysed by Dr Charmaine Duante.

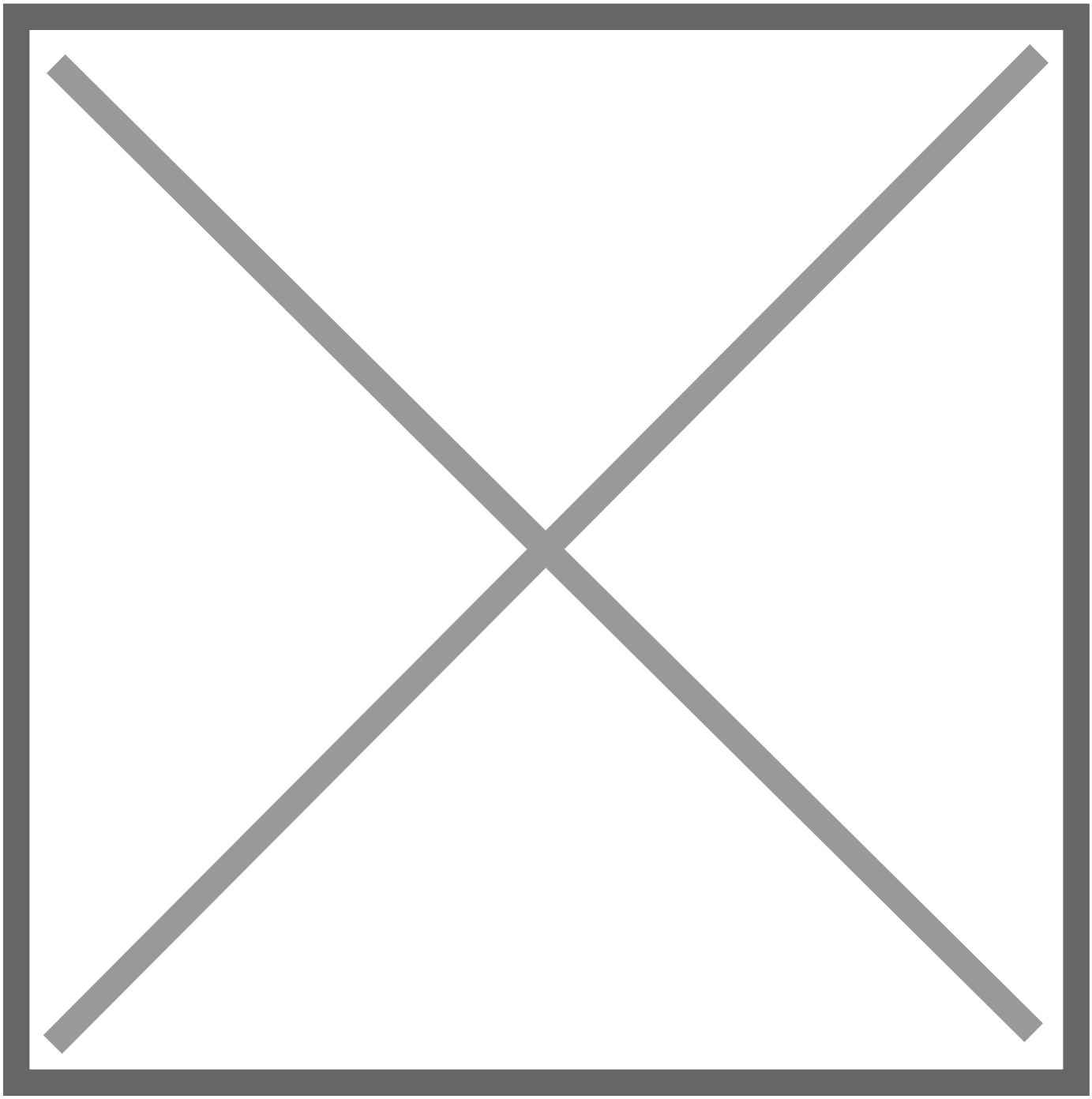
2000: Asia Pacific Cohort Studies Collaboration. The burden of overweight and obesity in the Asia-Pacific region. Obesity Reviews 2007;8:191-196.

2001: SCN (2004). 5th Report on the World Nutrition Situation. Nutrition for Improved Development Outcomes. Appendix 11

2002: Report of the 2002 China National Nutrition and Health Survey. 2004. (In Chinese). Chinese Ministry of Public Health (CMPH)

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:

1976, 1981, 1986: Yoshiike N, Seino F, Tajima S, Arai Y, Kawano M, Furuhata T, Inoue S. Twenty-year changes in the prevalence of overweight in Japanese adults: The National Nutrition Survey 1976-95. Obesity Reviews 2002;3:183-190

1993: Solon FS. Nutrition related chronic diseases in the Philippines. Makati city, Philippines: Nutrition Center of the Philippines Report Series, vol 2, No.1, cited in Reference 53

1995, 1996: Martorell R, Khan LK, Hughes ML, Grummer Strawn LM. Obesity in women from developing countries. EJCN (2000) 54;247-252

1998: Data provided by the Philippean Depatment of Health, Dr C. Barbu, data reanalysed by Dr Charmaine Duante.

2000: Asia Pacific Cohort Studies Collaboration. The burden of overweight and obesity in the Asia-Pacific region. Obesity Reviews 2007;8:191-196.

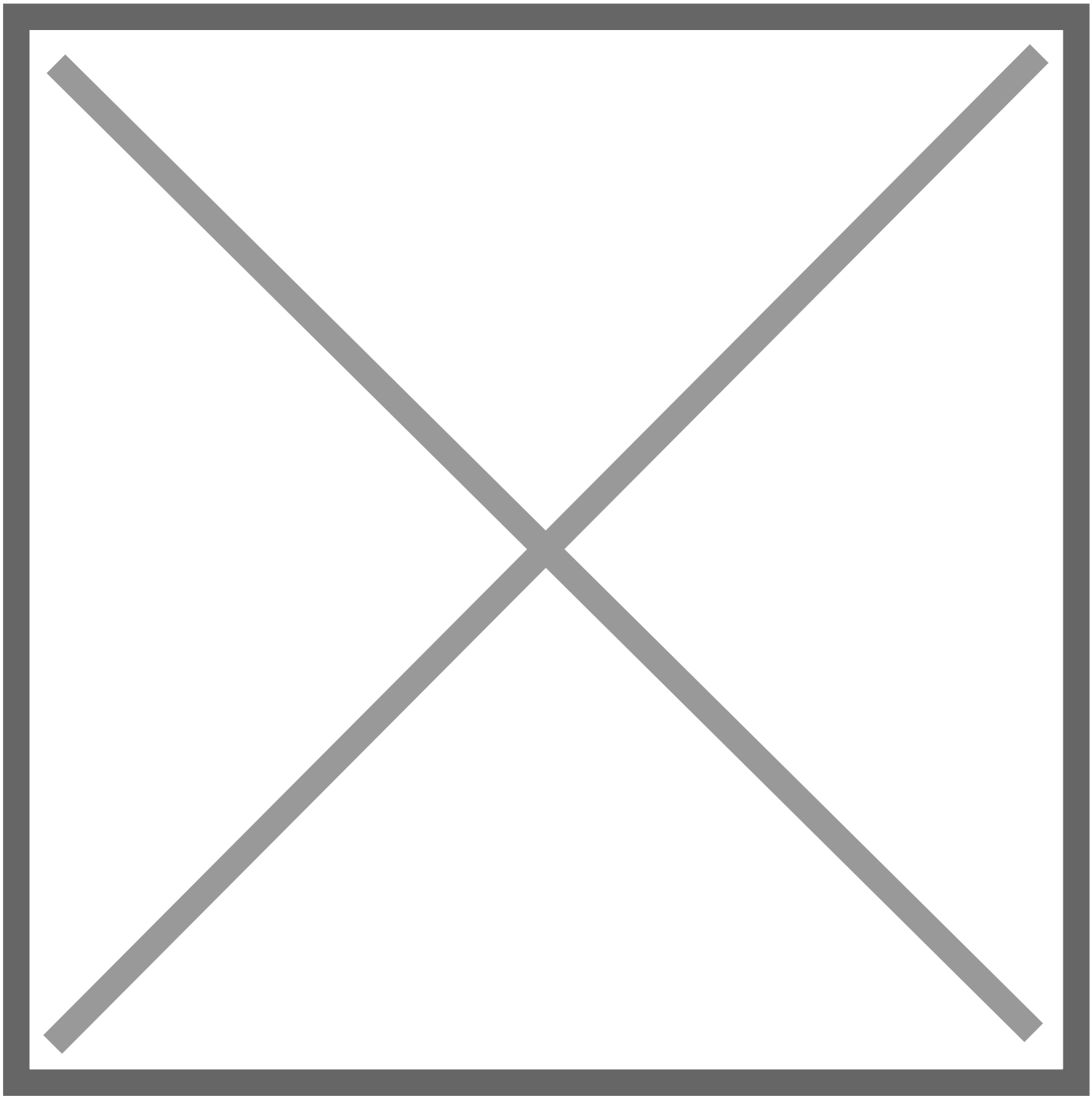
2001: SCN (2004). 5th Report on the World Nutrition Situation. Nutrition for Improved Development Outcomes. Appendix 11

2002: Report of the 2002 China National Nutrition and Health Survey. 2004. (In Chinese). Chinese Ministry of Public Health (CMPH)

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

Adults, 2012

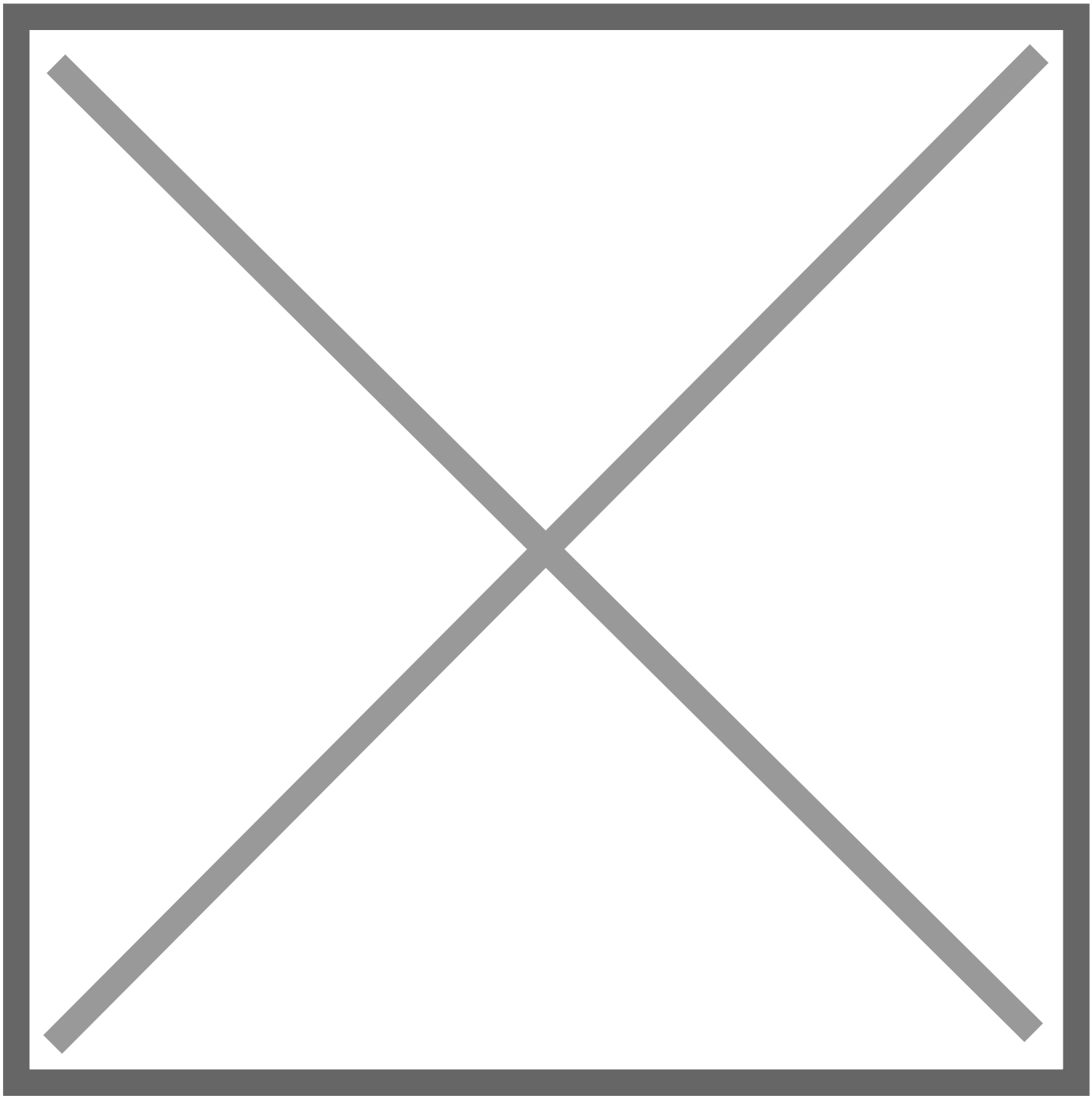


Survey type:	Measured
Sample size:	2599
Area covered:	National
References:	STEPS Survey Tonga 2012 available at https://www.who.int/ncds/surveillance/steps/2012_Tonga_STEPSReport.pdf (last accessed 04.05.2020)
Notes:	STEPS

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

Double burden of underweight & obesity

Adults, 2022

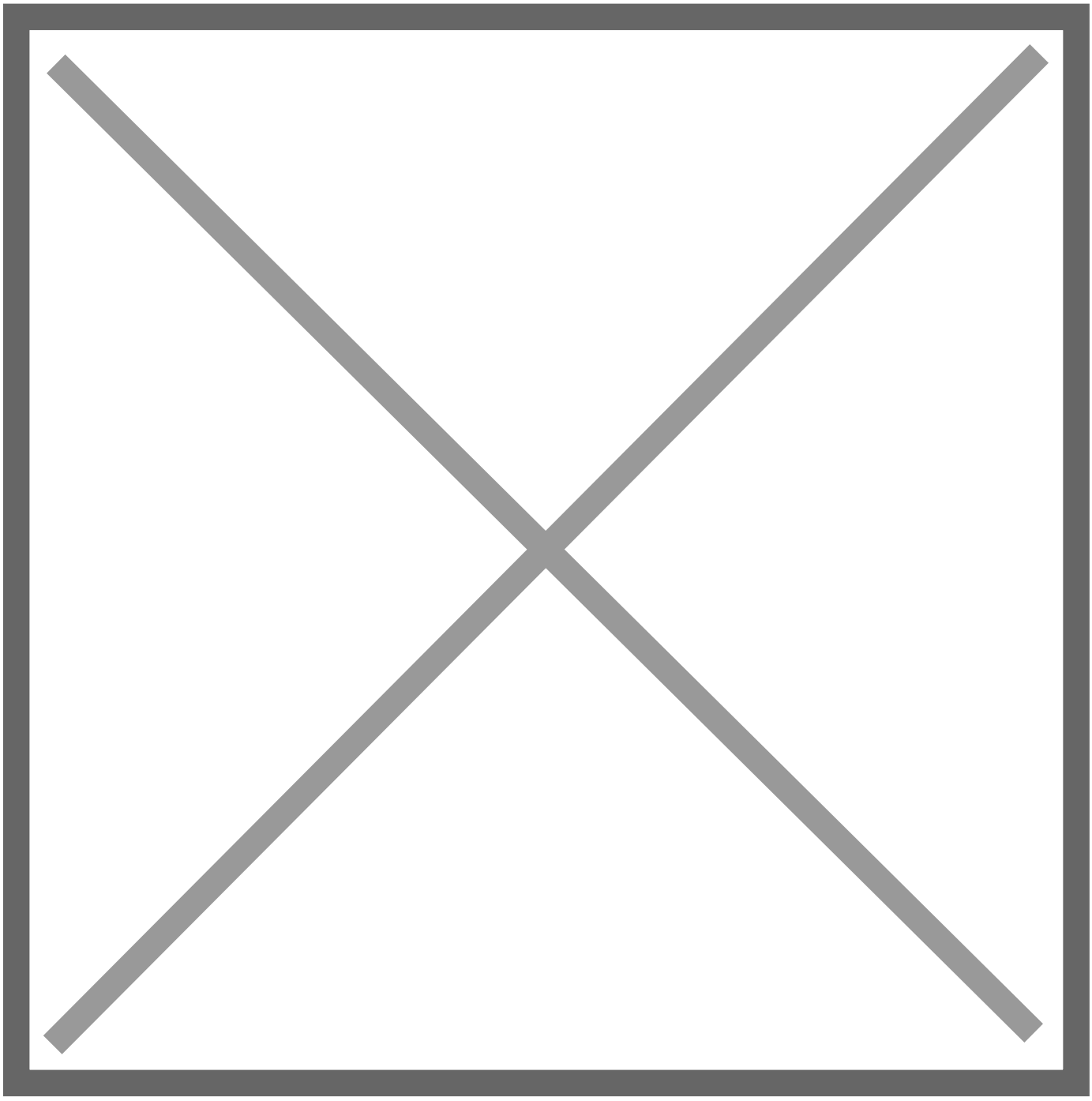


Survey type:	Measured
Age:	20+
References:	NCD Risk Factor Collaboration (NCD-RisC). Worldwide trends in underweight and obesity from 1990 to 2022: a pooled analysis of 3663 population representative studies with 222 million children, adolescents, and adults. Lancet 2024; published online Feb 29. https://doi.org/10.1016/S0140-6736(23)02750-2.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

Definitions:	Combined prevalence of BMI<18.5 kg/m² and BMI>=30 kg/m² (double burden of underweight and obesity)

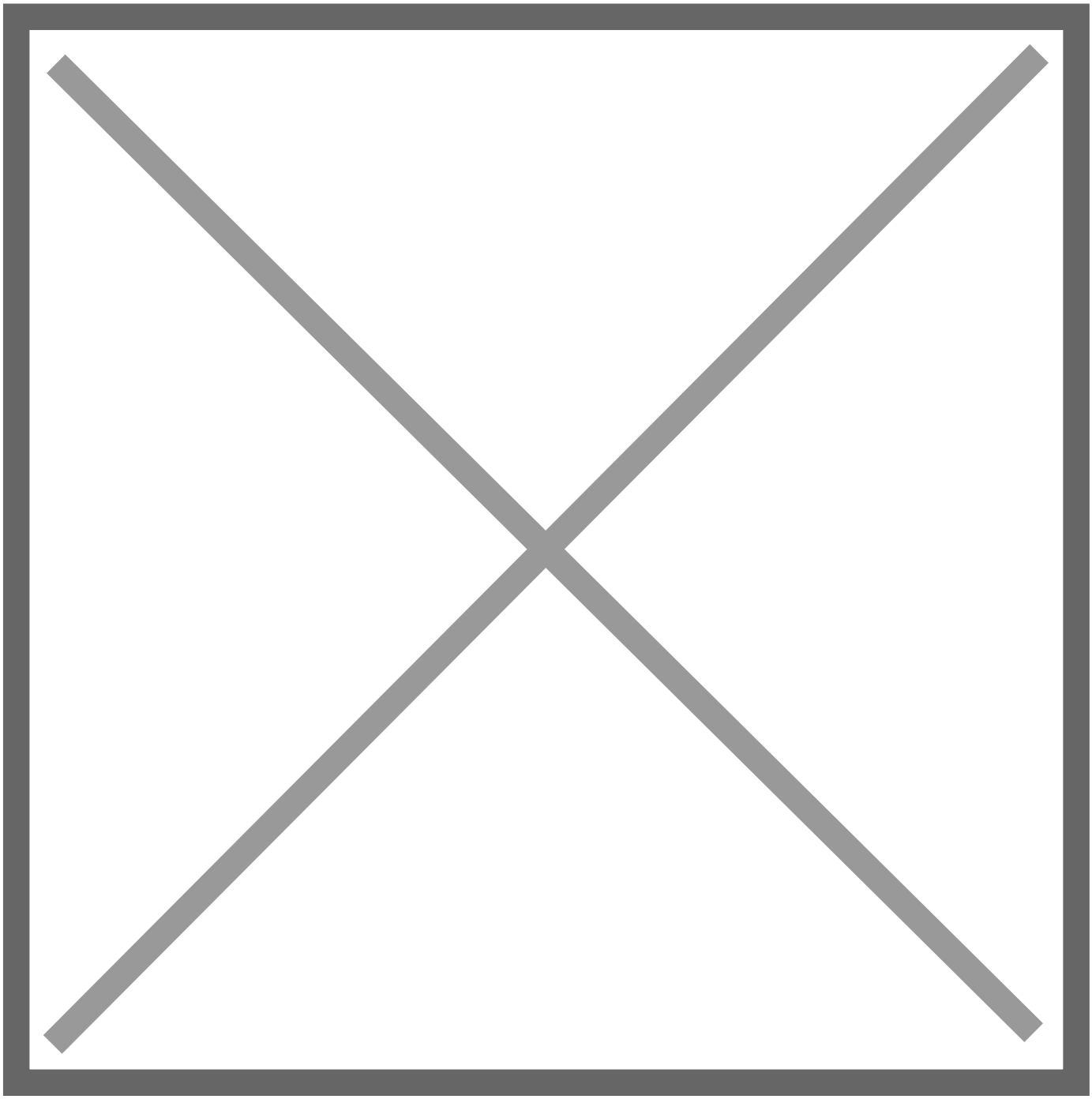
Insufficient physical activity

Adults, 2016



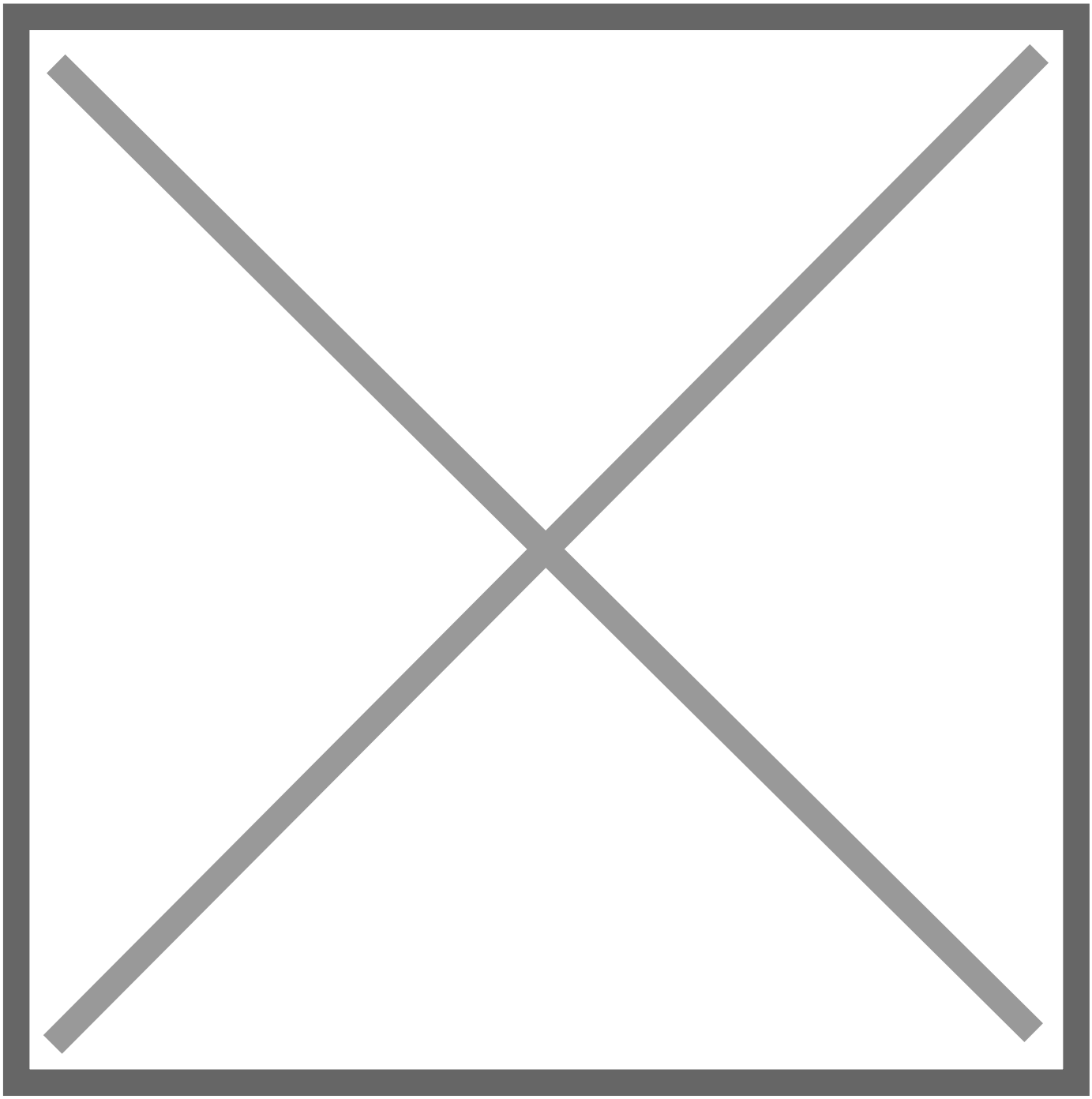
References: Guthold R, Stevens GA, Riley LM, Bull FC. Worldwide trends in insufficient physical activity from 2001 to 2016: a pooled analysis of 358 population-based surveys with 1.9 million participants. Lancet 2018 http://dx.doi.org/10.1016/S2214-109X(18)30357-7

Men, 2016



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

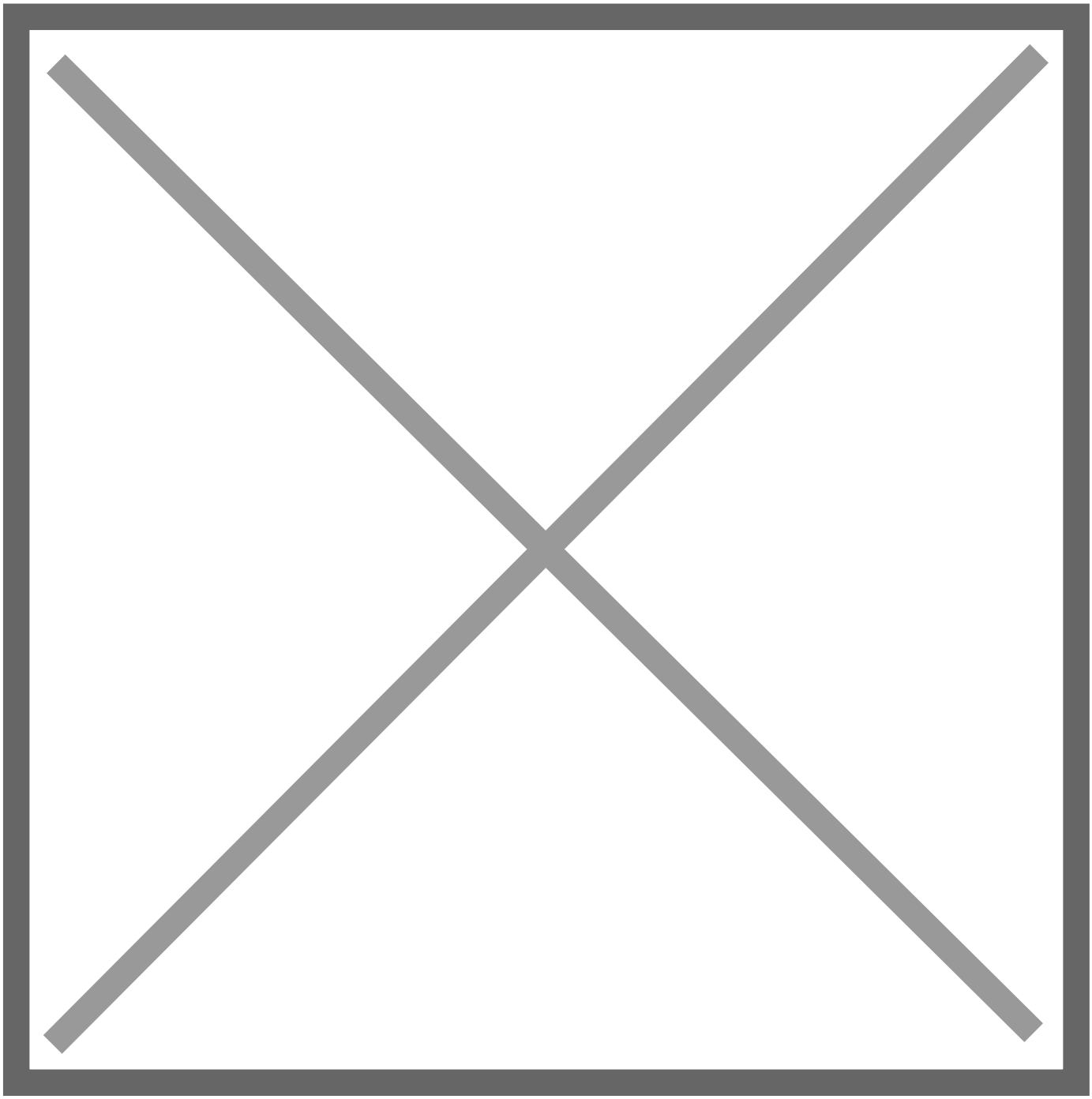
Women, 2016



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

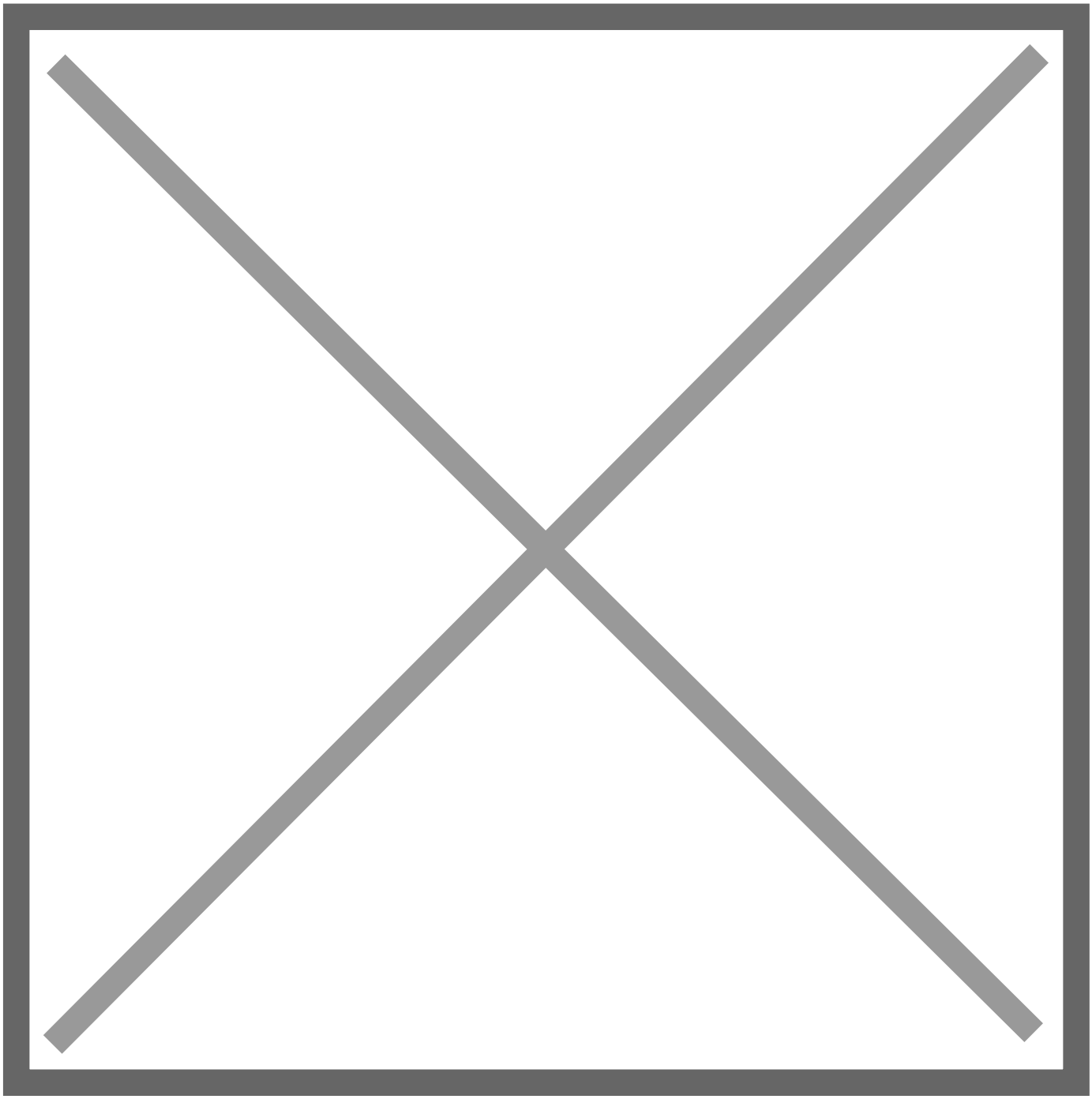
Mental health - depression disorders

Adults, 2023



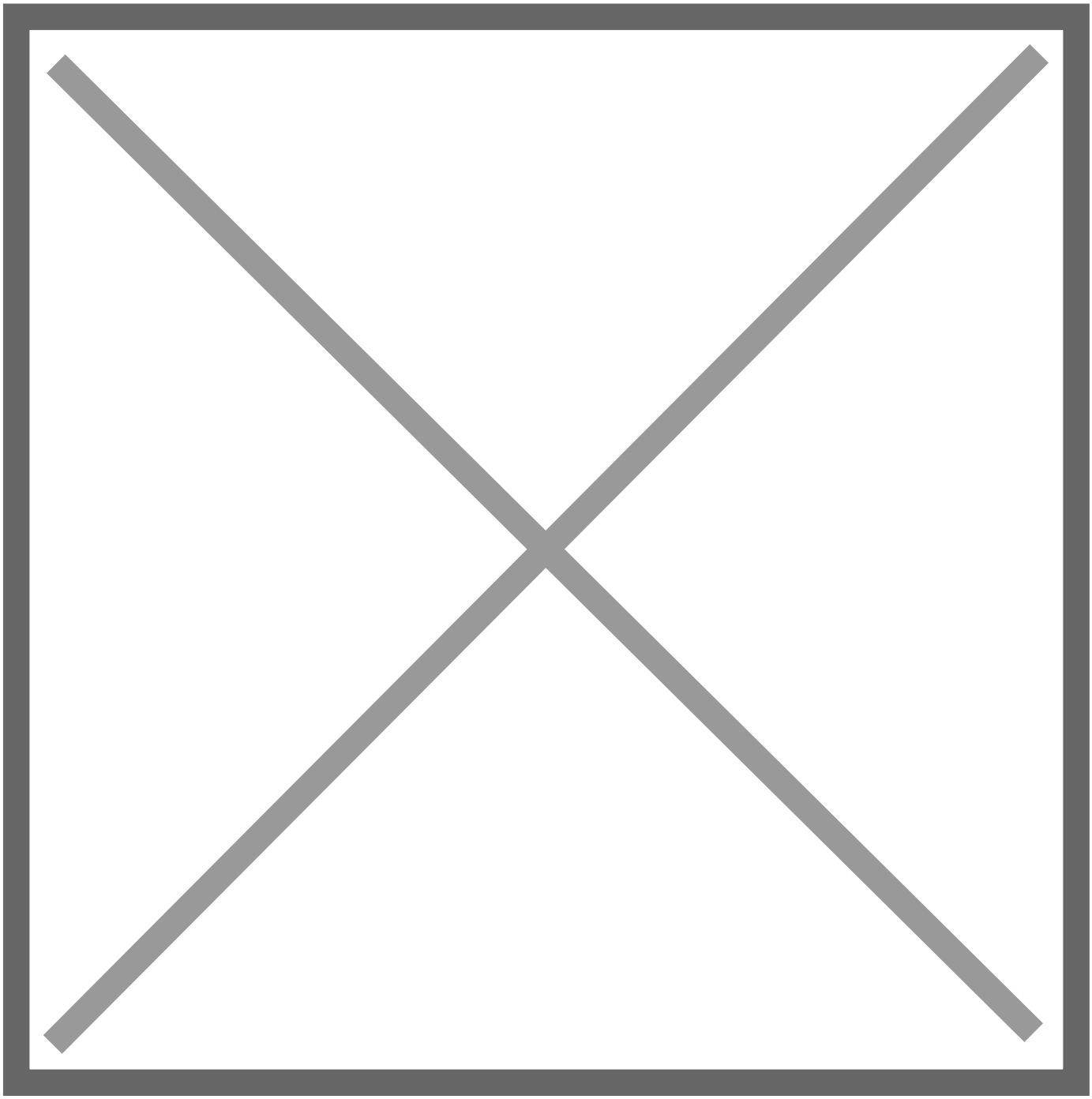
Age:	20+
Area covered:	National
References:	Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2023. Seattle, WA: IHME, University of Washington, 2025. Available from https://vizhub.healthdata.org/gbd-compare/ [Accessed 17.03.26]
Definitions: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

Men, 2023



Age:	20+
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 (20+ years of age)

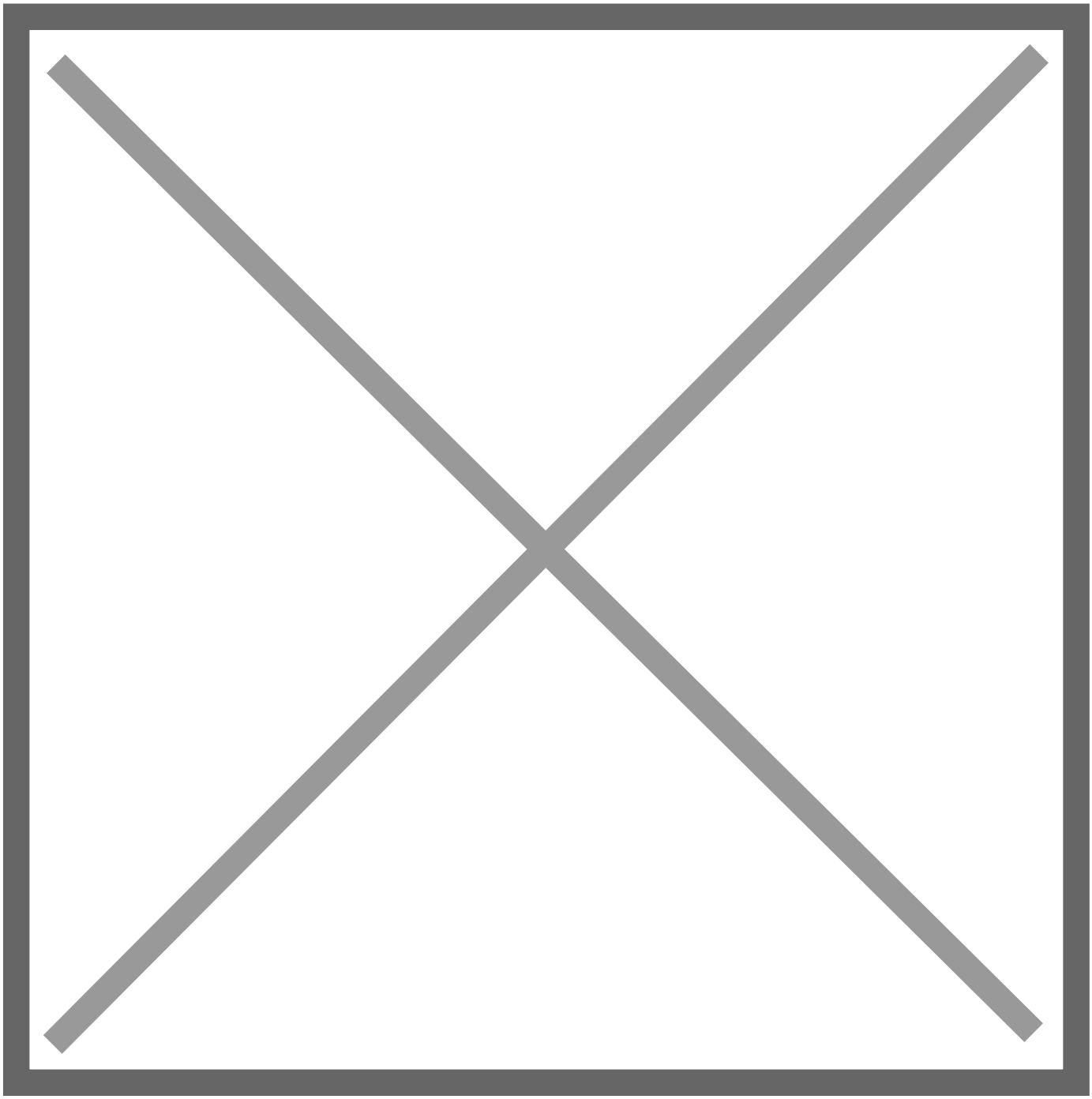
Women, 2023



Age:	20+
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 (20+ years of age)

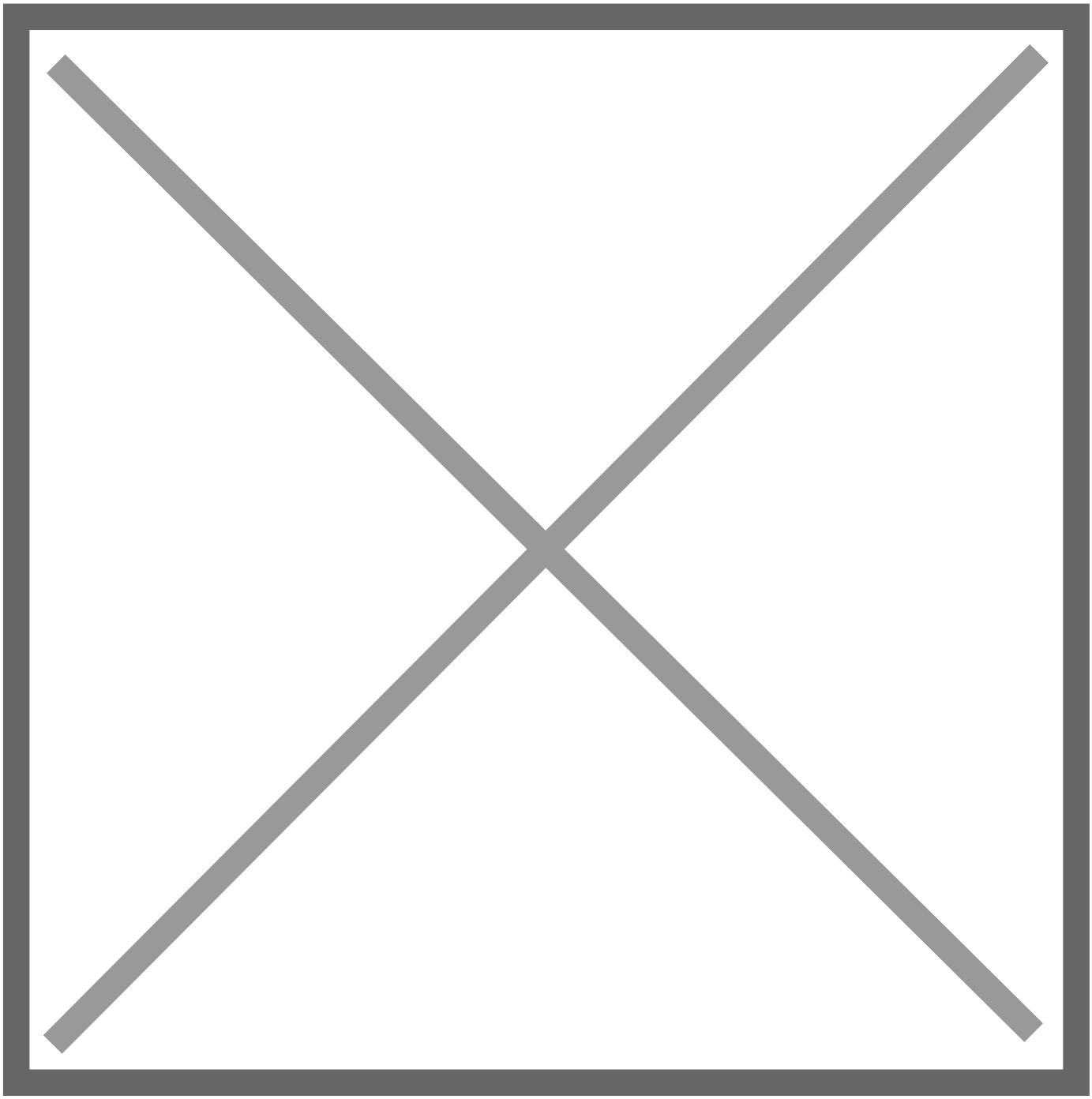
Mental health - anxiety disorders

Adults, 2023



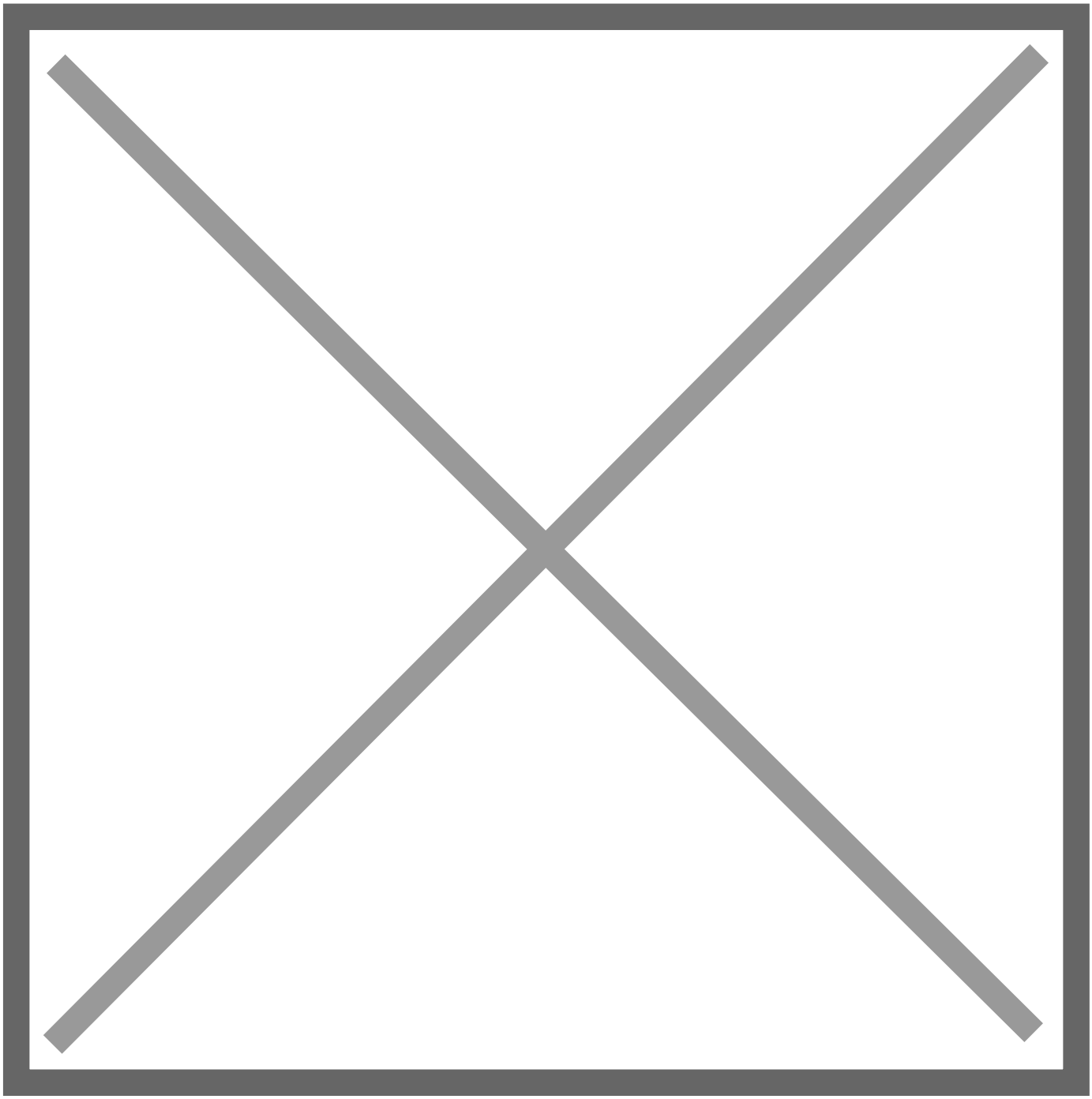
Age:	20+
Area covered:	National
References:	Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2023. Seattle, WA: IHME, University of Washington, 2025. Available from https://vizhub.healthdata.org/gbd-compare/ [Accessed 17.03.26]
Definitions: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

Men, 2023



Age:	20+
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 (20+ years of age)

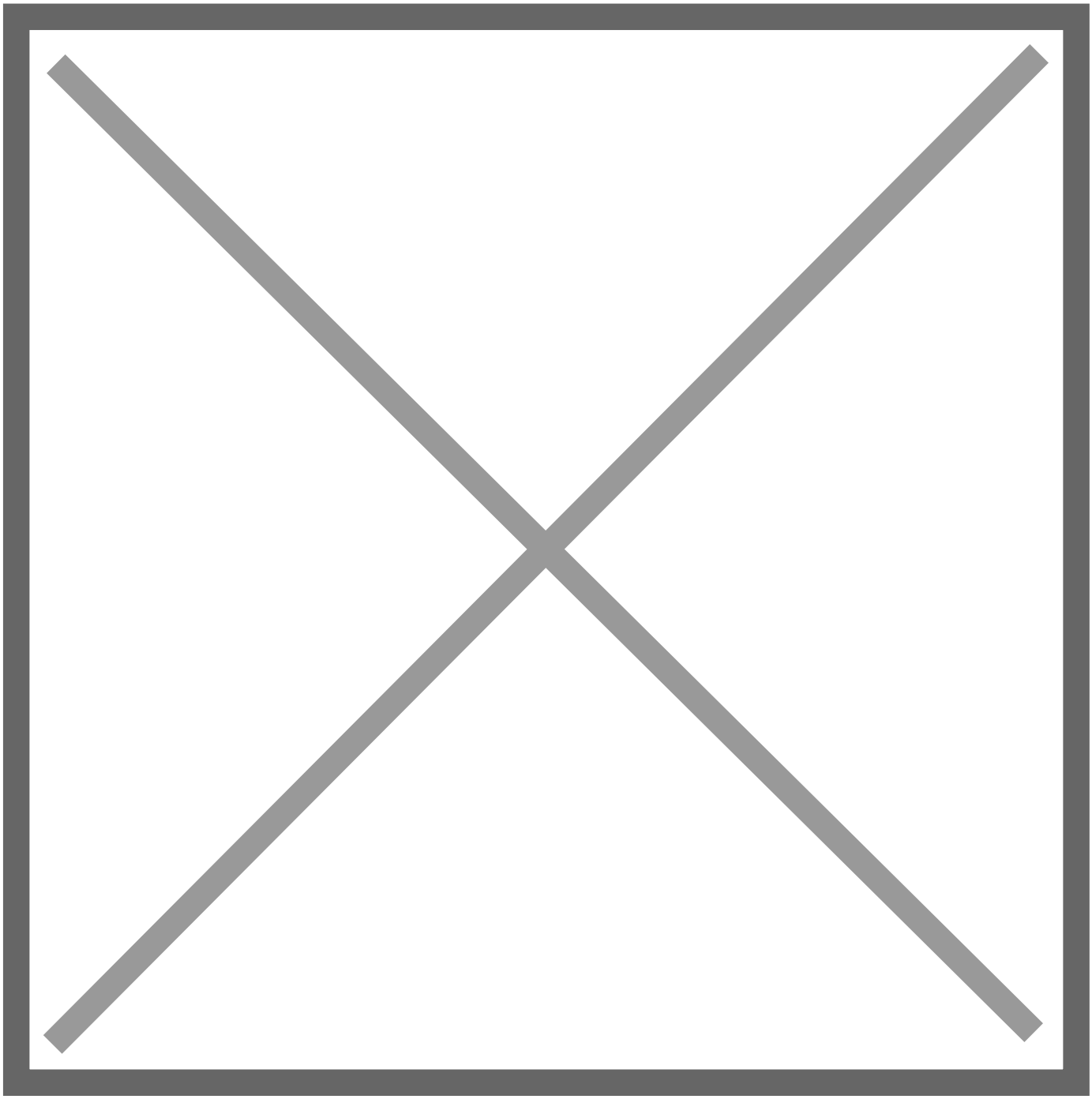
Women, 2023



Age:	20+
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 (20+ years of age)

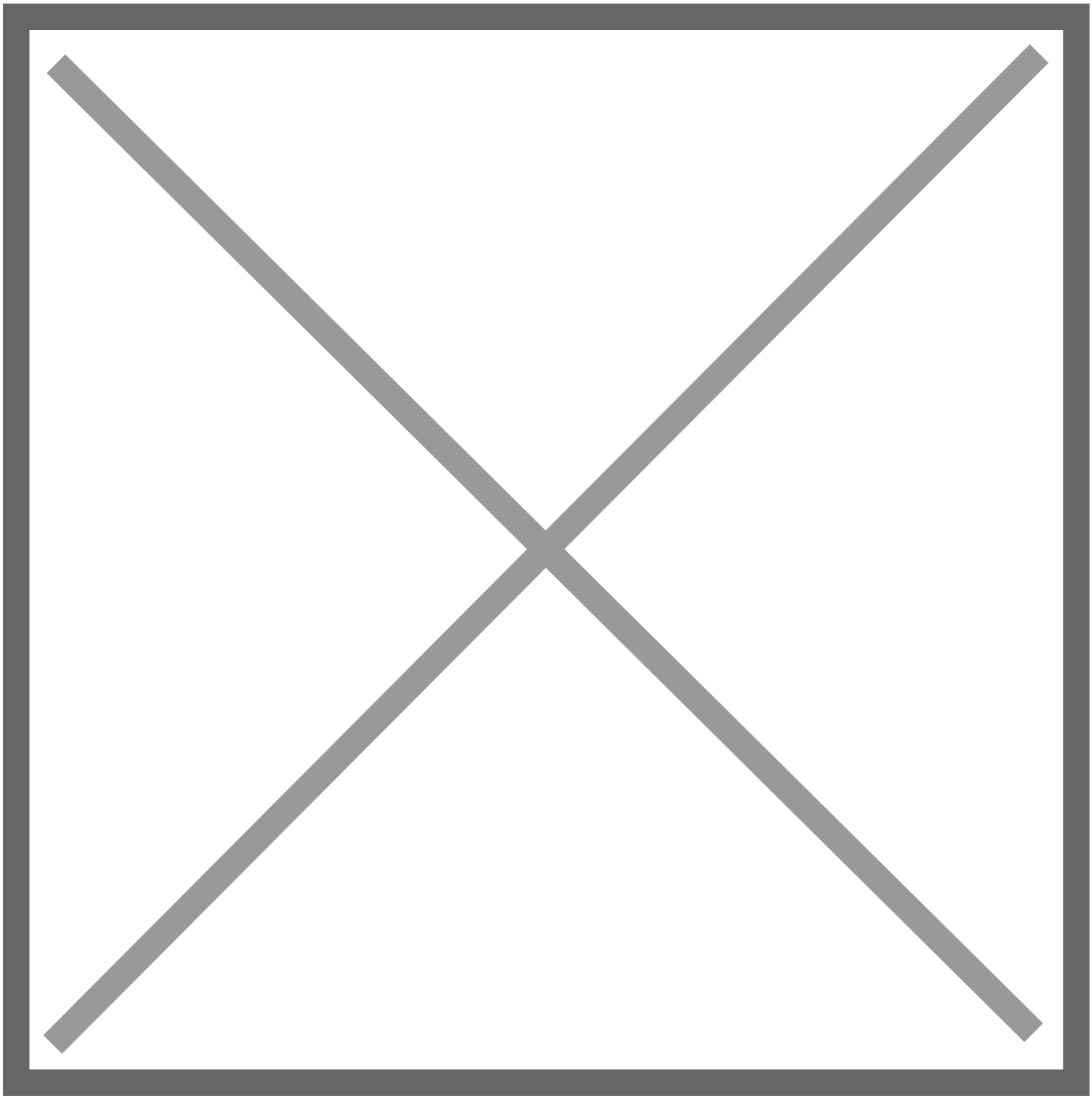
Raised blood pressure

Adults, 2019



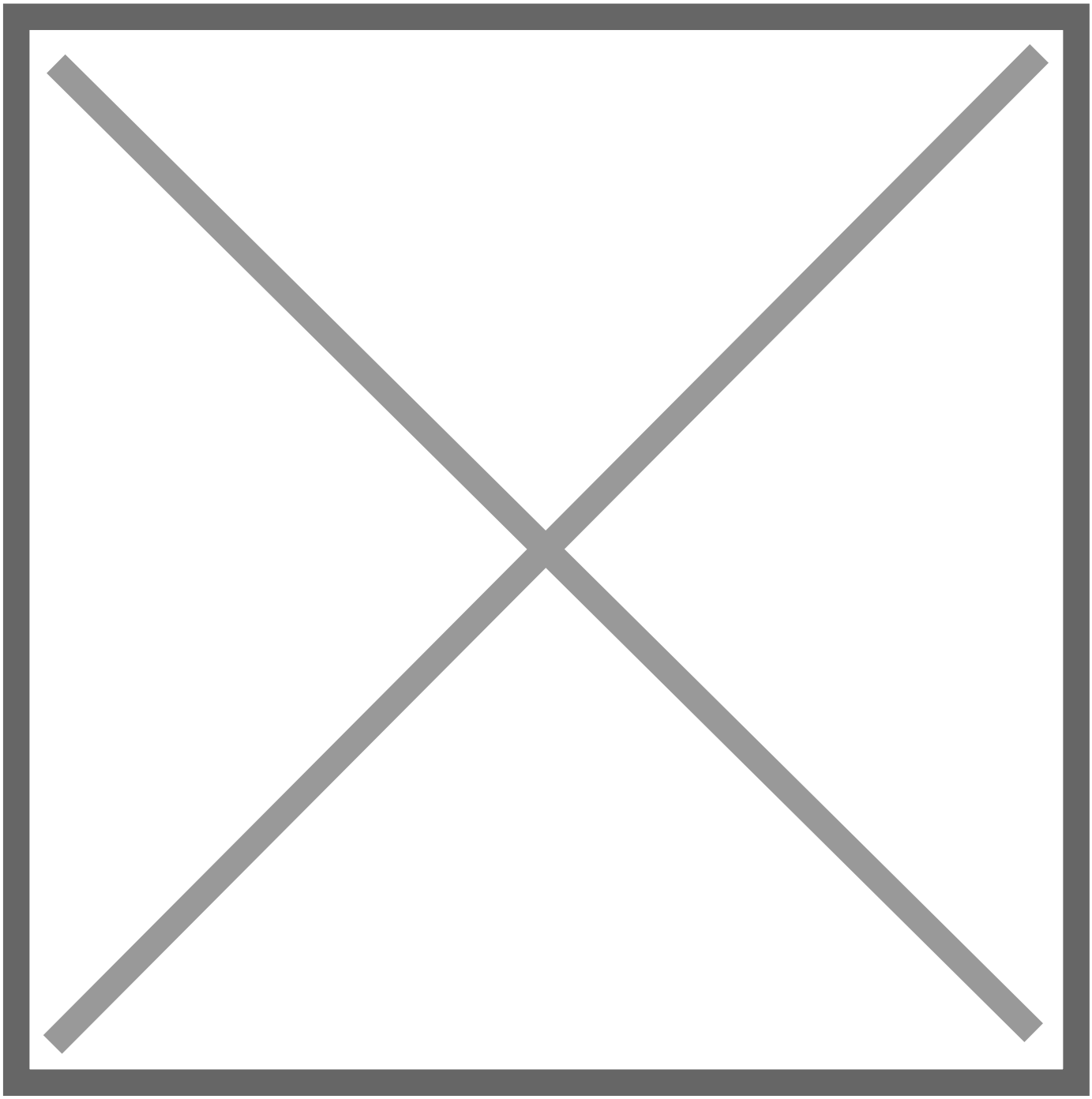
Age:	30-79
References:	World Health Organization. 2024. Hypertension: raised blood pressure (uncontrolled hypertension) among adults aged 30-79 years (%). Global Health Observatory. https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-raised-blood-pressure-among-adults-30-79-years [Accessed 16.03.26]
Definitions:	Prevalence of raised blood pressure (defined as having systolic blood pressure ≥140 mmHg or diastolic blood pressure ≥90 mmHg) among adults aged 30-79.

Men, 2019



Age:	30-79
References:	World Health Organization. 2024. Hypertension: raised blood pressure (uncontrolled hypertension) among adults aged 30-79 years (%). Global Health Observatory. https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-raised-blood-pressure-among-adults-30-79-years [Accessed 16.03.26]
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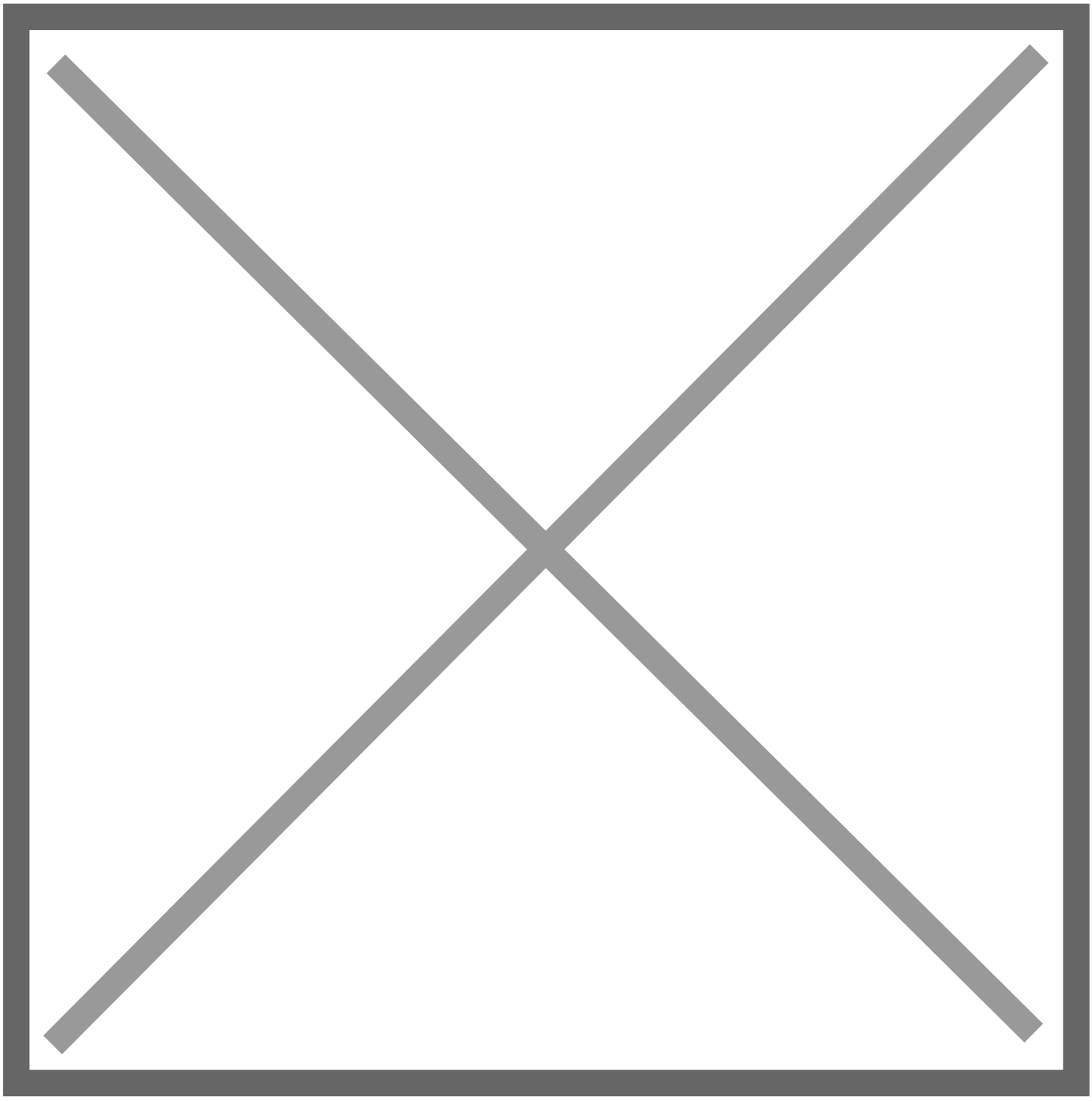
Women, 2019



Age:	30-79
References:	World Health Organization. 2024. Hypertension: raised blood pressure (uncontrolled hypertension) among adults aged 30-79 years (%). Global Health Observatory. https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-raised-blood-pressure-among-adults-30-79-years [Accessed 16.03.26]
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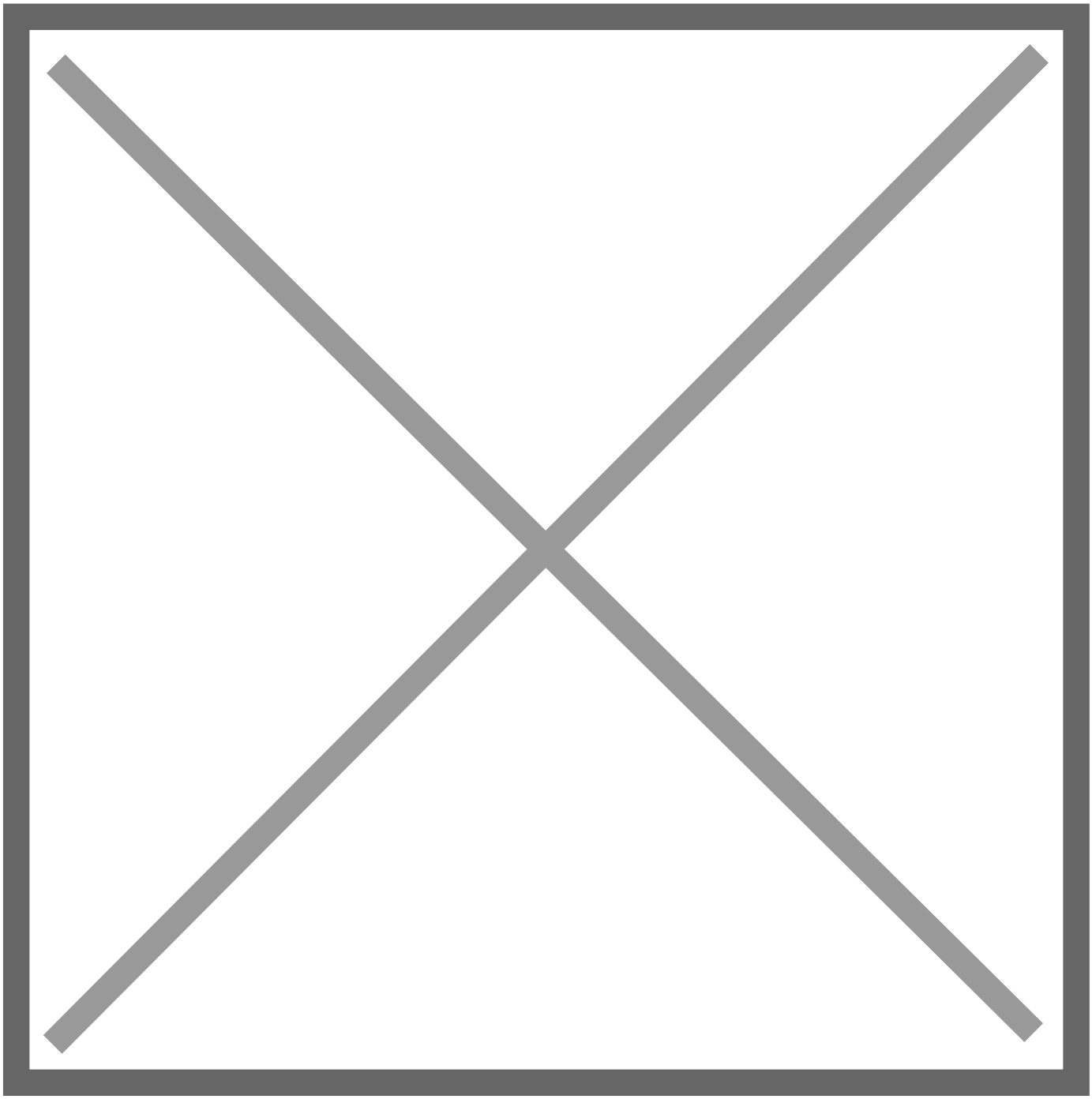
Raised cholesterol

Adults, 2008



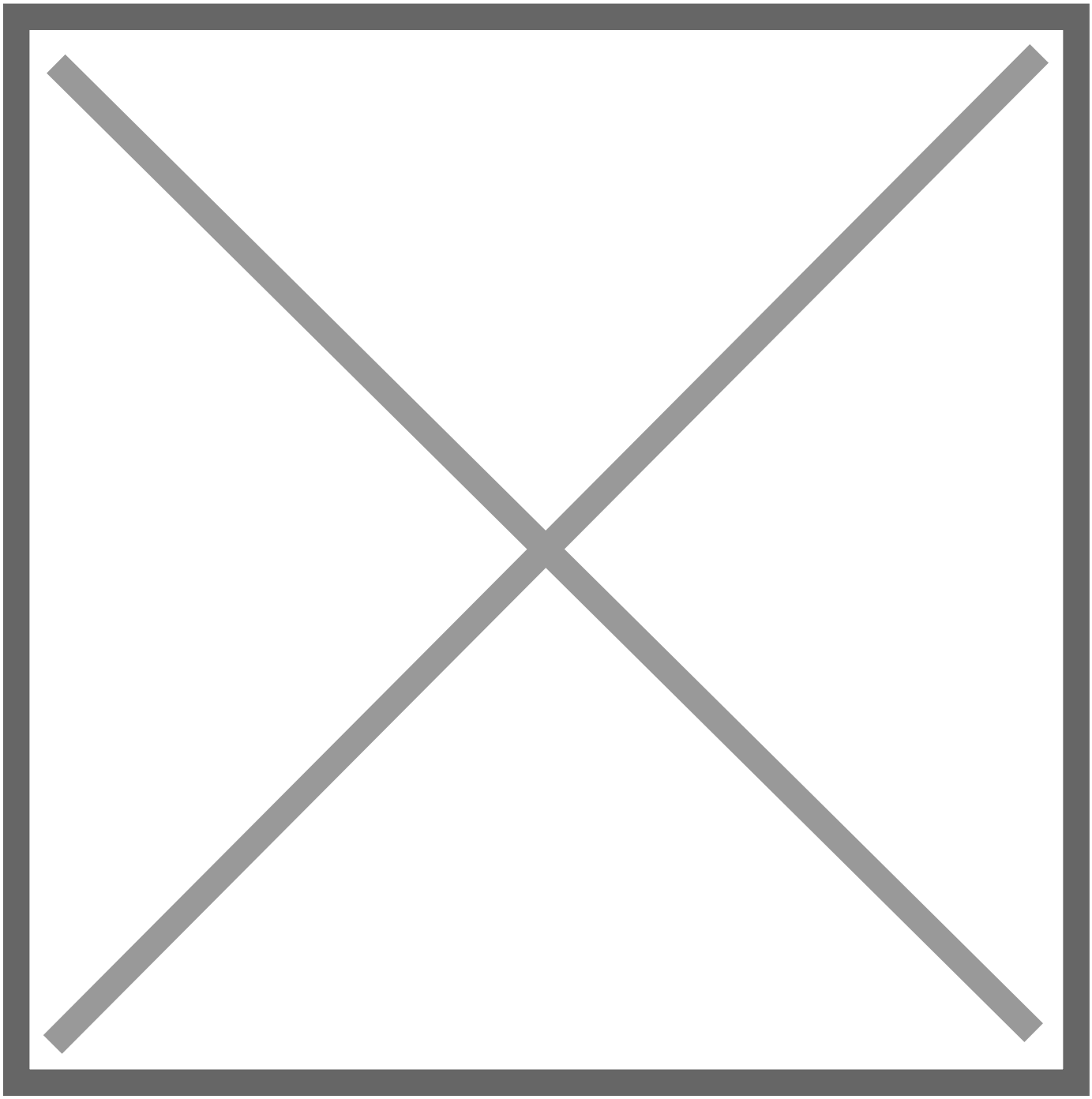
References:	Global Health Observatory data repository, World Health Organisation, http://apps.who.int/gho/data/node.main.A885
Definitions:	% Raised total cholesterol (>= 5.0 mmol/L) (age-standardized estimate).

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).

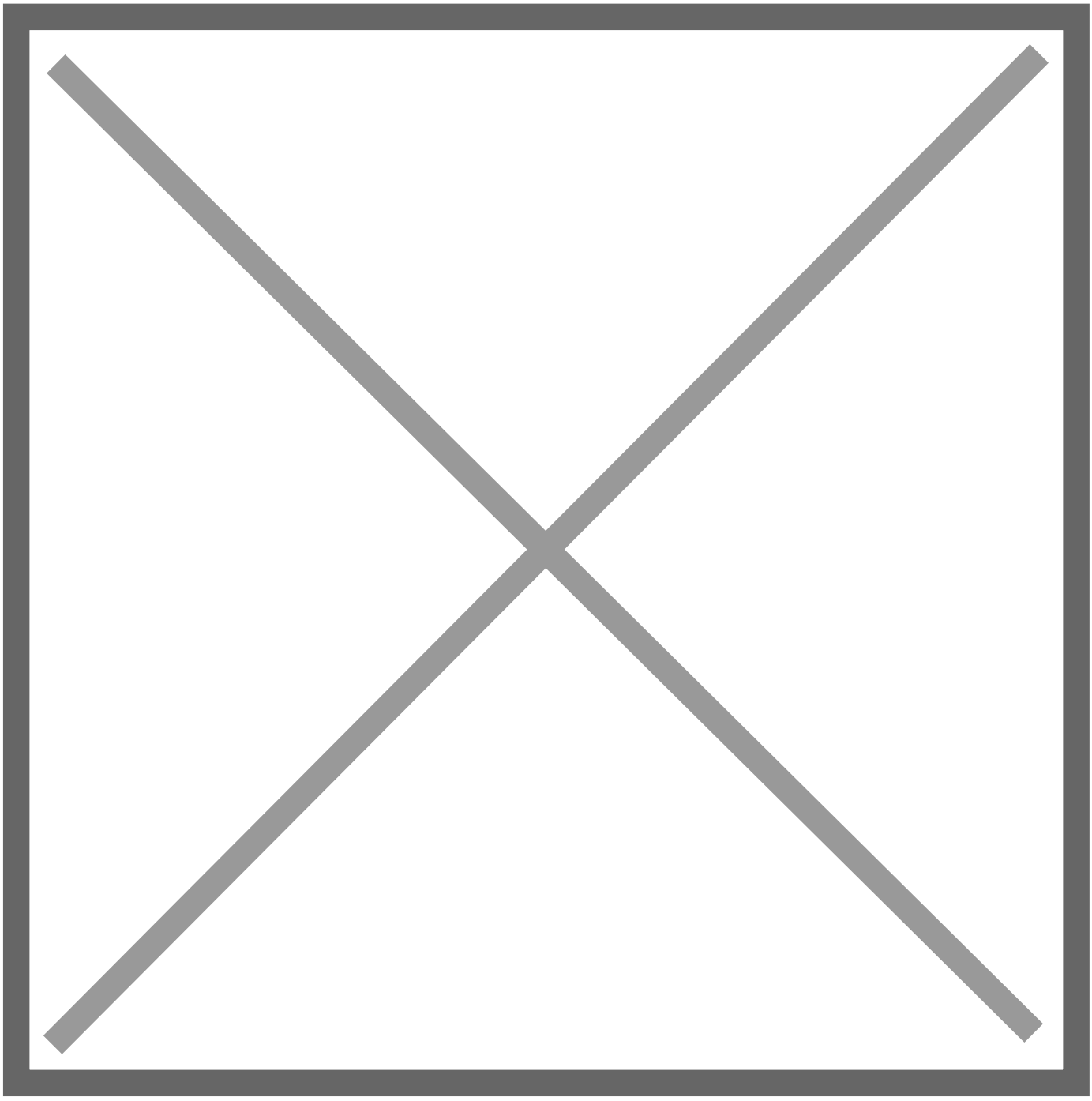
Women, 2008



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).

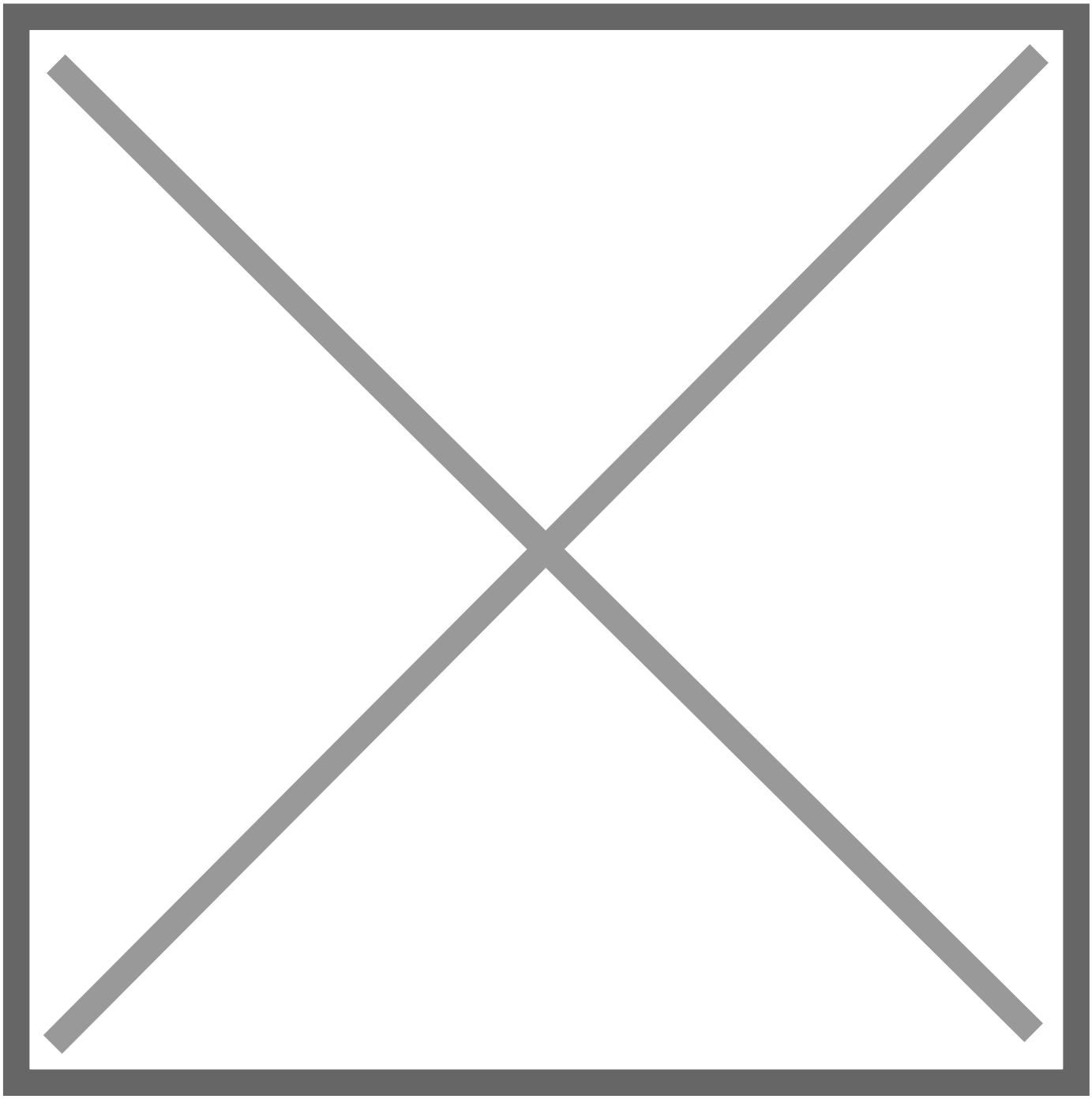
Raised fasting blood glucose

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).

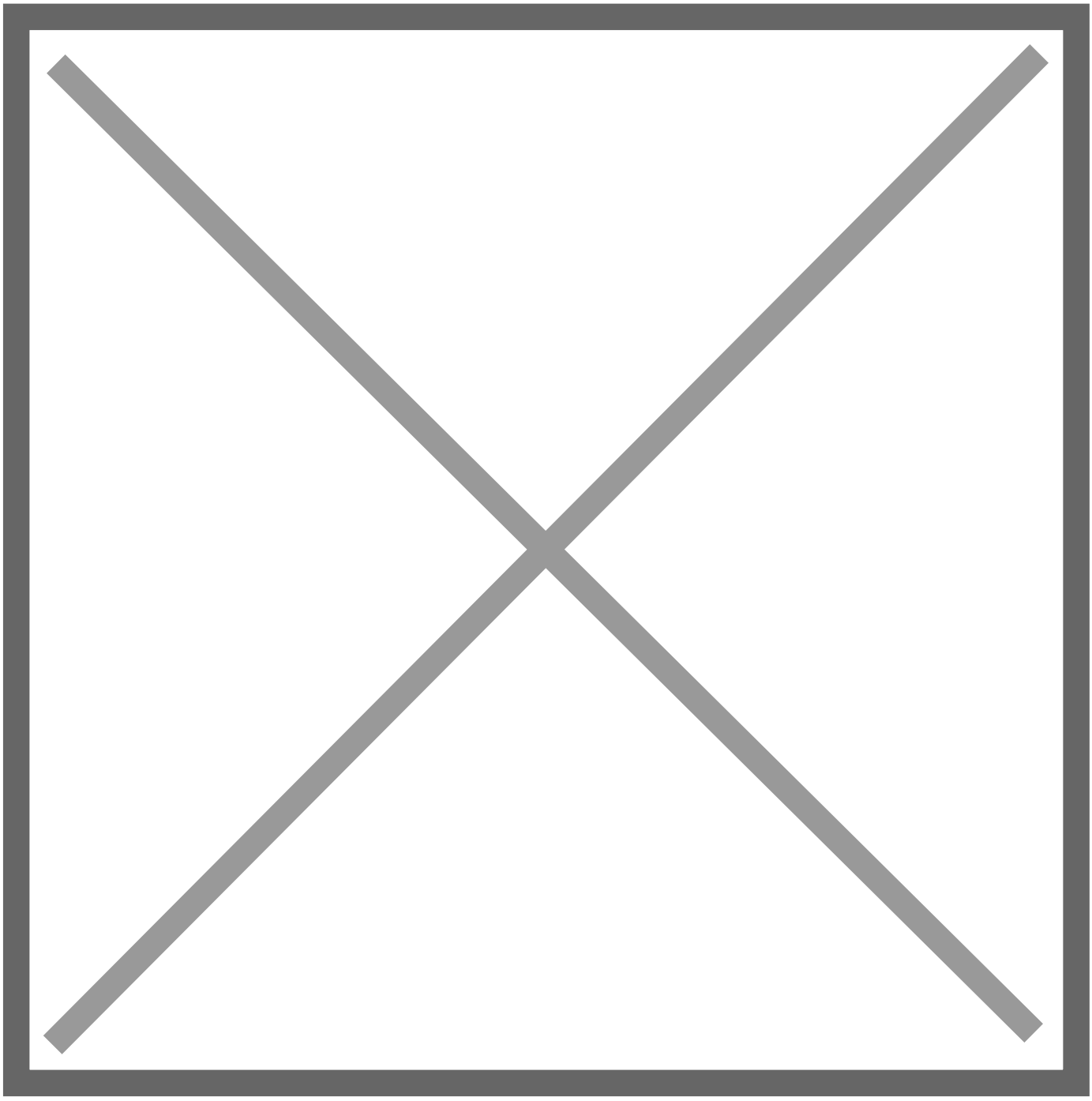
Women, 2014



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

PDF created on November 2, 2026