



# Vietnam



## 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/vietnam-232/>.*

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# Obesity prevalence

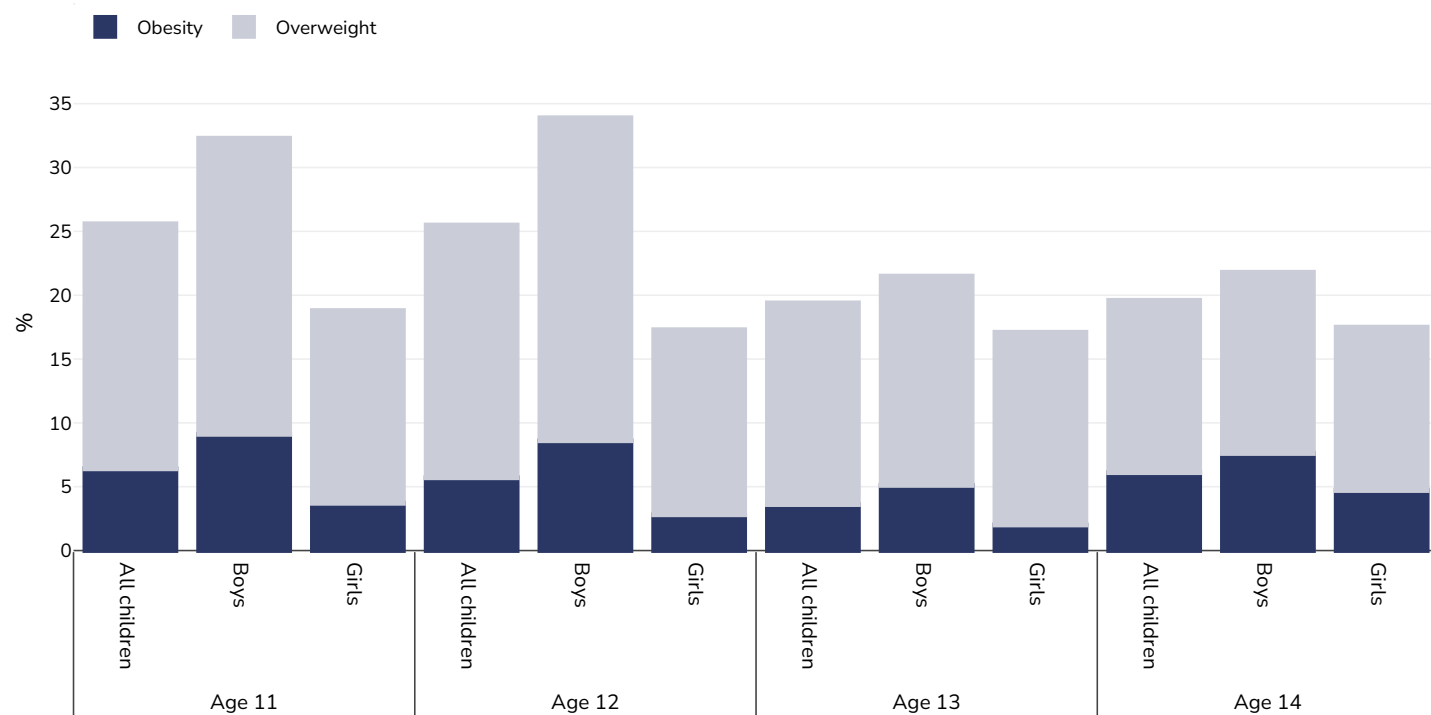
## Children, 2020



Survey type:	Measured
Age:	5-9
Sample size:	2277
Area covered:	National
References:	Tan, P.Y., Som, S.V., Nguyen, S.D., Tan, X., Tran, D.T., Tran, N.T., Tran, V.K., Dye, L., Moore, J.B., Caton, S. and Ensaff, H., 2024. Demographic variation and socioeconomic inequalities associated with the triple burden of malnutrition in Vietnamese children aged 6 months to 9 years old: Findings from the Vietnamese General Nutrition Survey 2020. medRxiv, pp.2024-03.
Cutoffs:	WHO

## Overweight/obesity by age

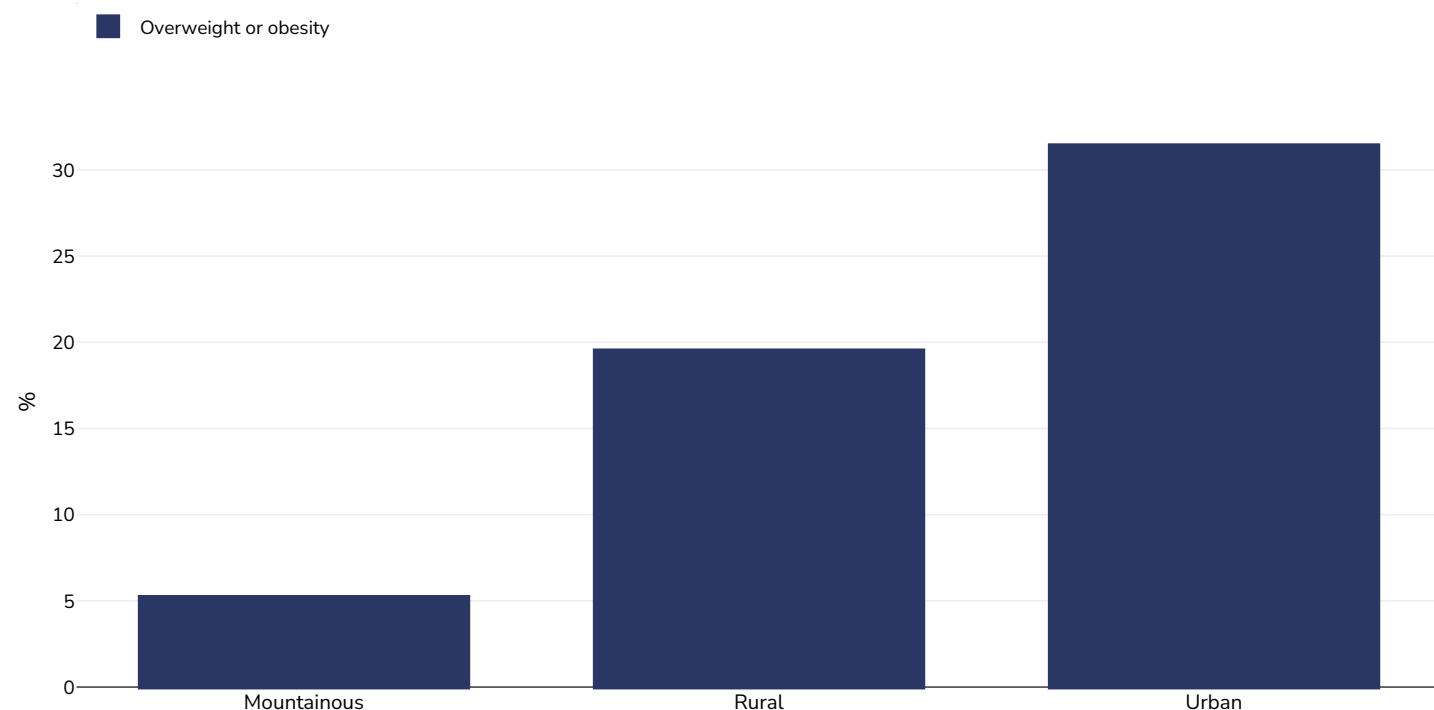
### Children, 2018



Survey type:	Measured
Sample size:	2788
Area covered:	National
References:	Phan, H.D., Nguyen, T.N.P., Bui, P.L., Pham, T.T., Doan, T.V., Nguyen, D.T. and Van Minh, H., 2020. Overweight and obesity among Vietnamese school-aged children: National prevalence estimates based on the World Health Organization and International Obesity Task Force definition. PloS one, 15(10), p.e0240459.
Notes:	WHO cut-offs available in the study.
Cutoffs:	IOTF

## Overweight/obesity by region

### Children, 2020



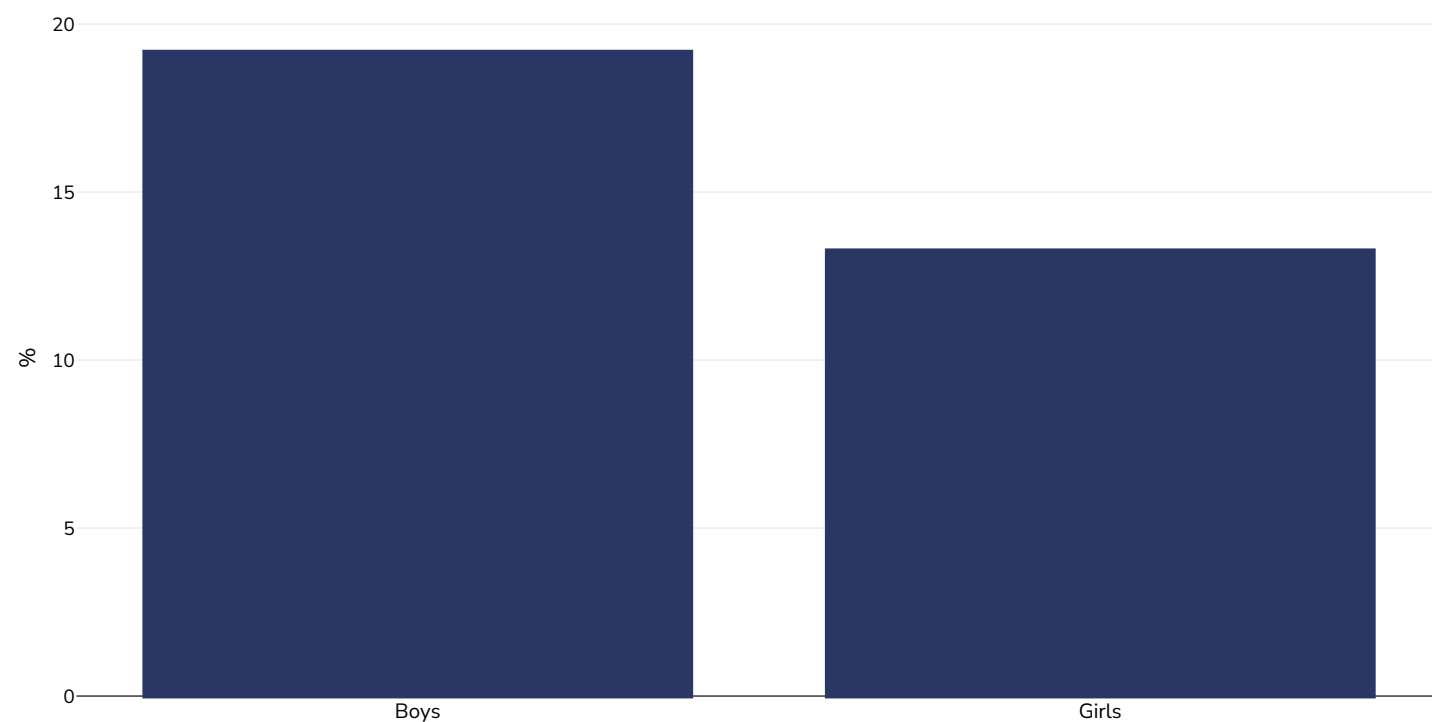
Survey type:	Measured
Age:	5-9
Sample size:	2277
Area covered:	National
References:	Tan, P.Y., Som, S.V., Nguyen, S.D., Tan, X., Tran, D.T., Tran, N.T., Tran, V.K., Dye, L., Moore, J.B., Caton, S. and Ensaff, H., 2024. Demographic variation and socioeconomic inequalities associated with the triple burden of malnutrition in Vietnamese children aged 6 months to 9 years old: Findings from the Vietnamese General Nutrition Survey 2020. medRxiv, pp.2024-03.
Notes:	Article is preprint.
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.*

## Double burden of underweight & overweight

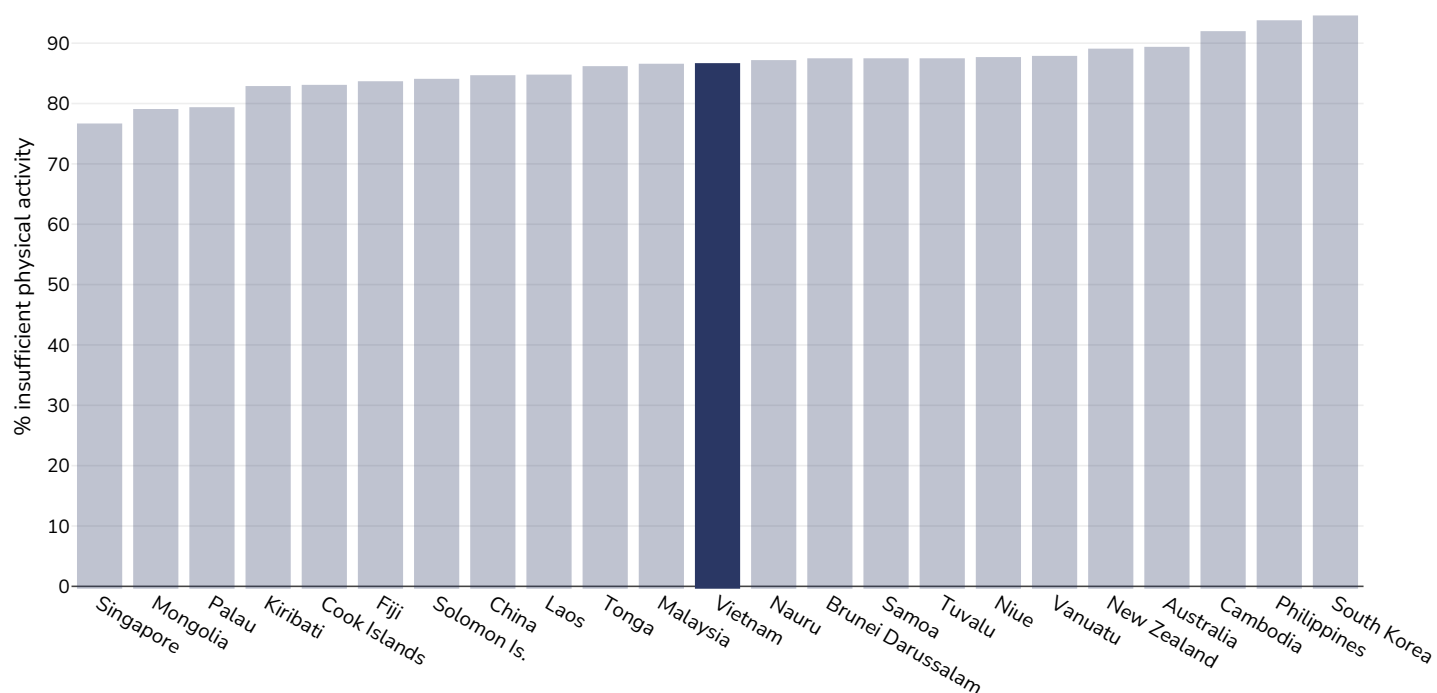
### Children, 2022



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. <a href="https://doi.org/10.1016/S0140-6736(23)02750-2">https://doi.org/10.1016/S0140-6736(23)02750-2</a> .
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

### Children, 2016



**Survey type:** Self-reported

**Age:** 11-17

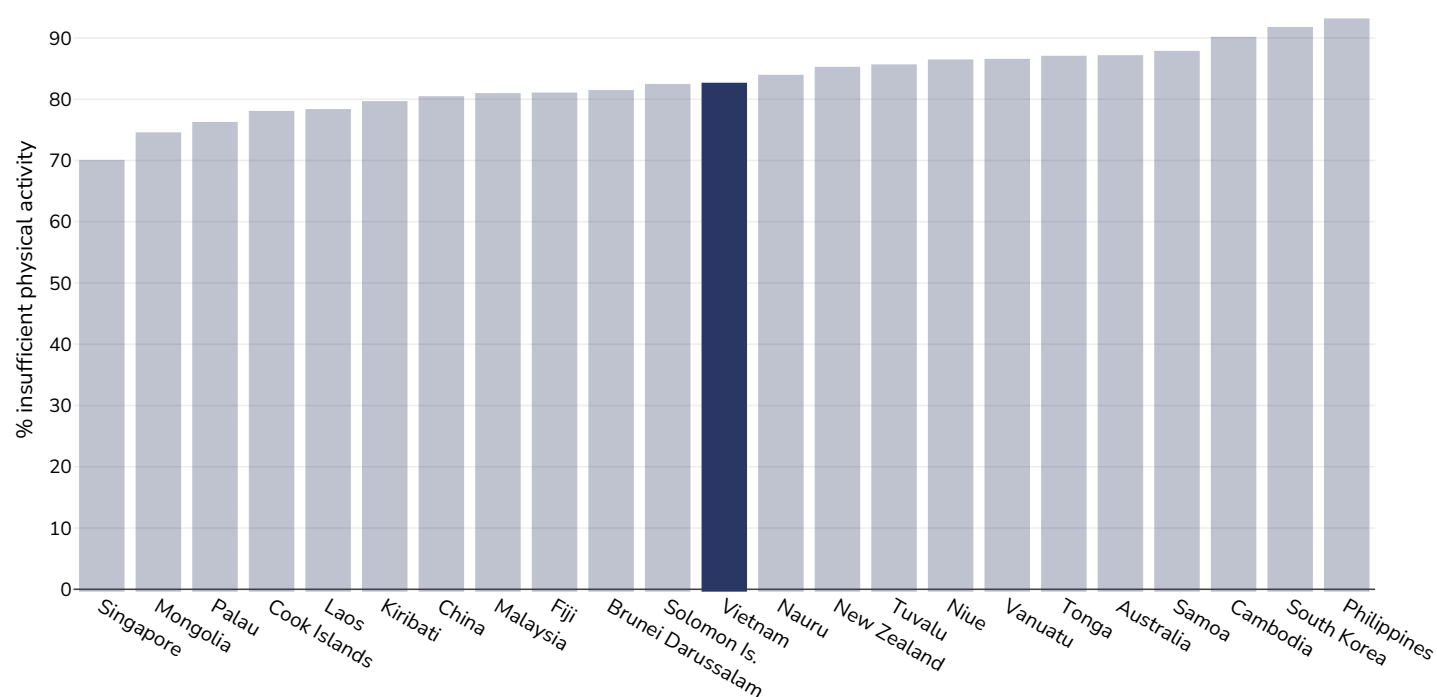
**References:** Global Health Observatory data repository, World Health Organisation, <https://apps.who.int/gho/data/node.main.A893ADO?lang=en> (last accessed 16.03.21)

**Notes:** % of school going adolescents not meeting WHO recommendations on Physical Activity for Health, i.e. doing less than 60 minutes of moderate- to vigorous-intensity physical activity daily.

**Definitions:** % Adolescents insufficiently active (age standardised estimate)

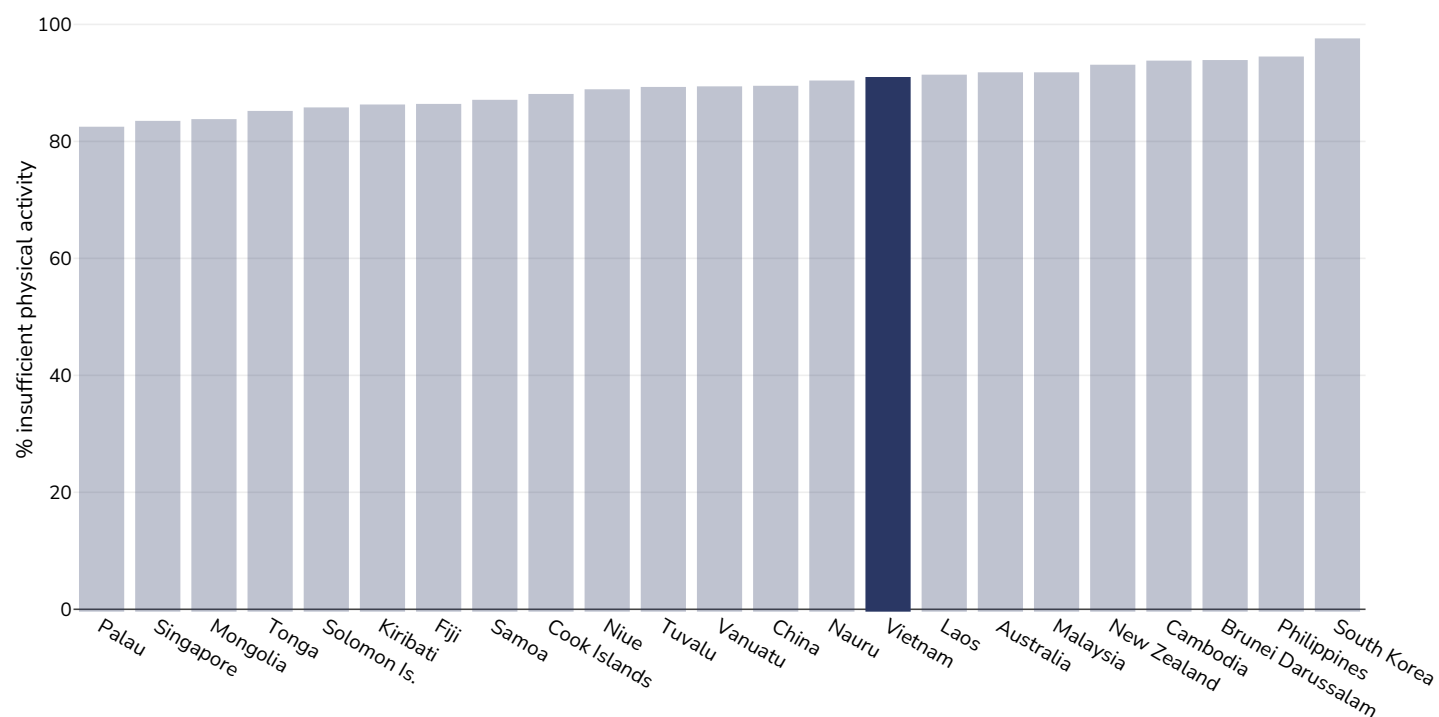


## Boys, 2016



Survey type:	Self-reported
Age:	11-17
References:	Global Health Observatory data repository, World Health Organisation, <a href="https://apps.who.int/gho/data/node.main.A893ADO?lang=en">https://apps.who.int/gho/data/node.main.A893ADO?lang=en</a> (last accessed 16.03.21)
Notes:	% of school going adolescents not meeting WHO recommendations on Physical Activity for Health, i.e. doing less than 60 minutes of moderate- to vigorous-intensity physical activity daily.
Definitions:	% Adolescents insufficiently active (age standardised estimate)

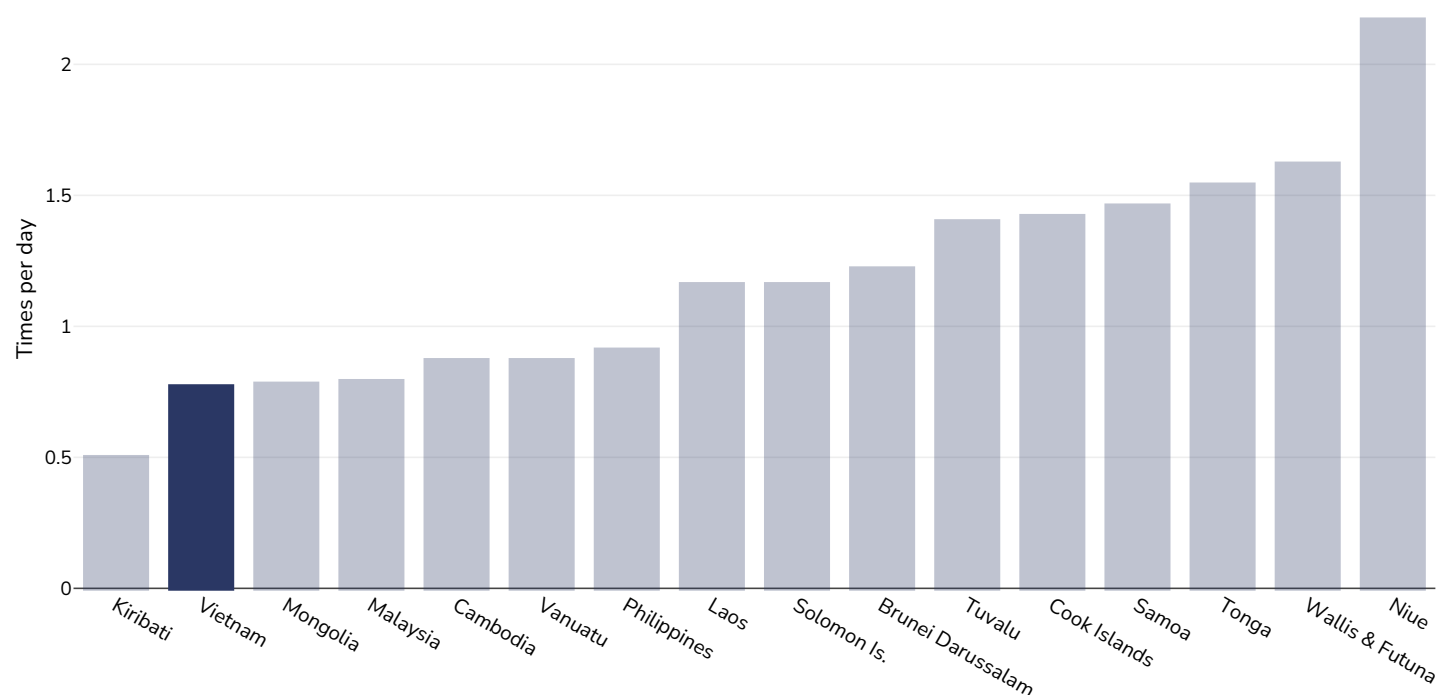
## Girls, 2016



Survey type:	Self-reported
Age:	11-17
References:	Global Health Observatory data repository, World Health Organisation, <a href="https://apps.who.int/gho/data/node.main.A893ADO?lang=en">https://apps.who.int/gho/data/node.main.A893ADO?lang=en</a> (last accessed 16.03.21)
Notes:	% of school going adolescents not meeting WHO recommendations on Physical Activity for Health, i.e. doing less than 60 minutes of moderate- to vigorous-intensity physical activity daily.
Definitions:	% Adolescents insufficiently active (age standardised estimate)

## Average daily frequency of carbonated soft drink consumption

### Children, 2010-2015



Survey type:

Measured

Age:

12-17

References:

Beal et al. (2019). Global Patterns of Adolescent Fruit, Vegetable, Carbonated Soft Drink, and Fast-food consumption: A meta-analysis of global school-based student health surveys. Food and Nutrition Bulletin. <https://doi.org/10.1177/0379572119848287> sourced from Food Systems Dashboard <http://www.foodsystemsdashboard.org/food-system>

## Prevalence of less than daily fruit consumption

## Children, 2010-2015



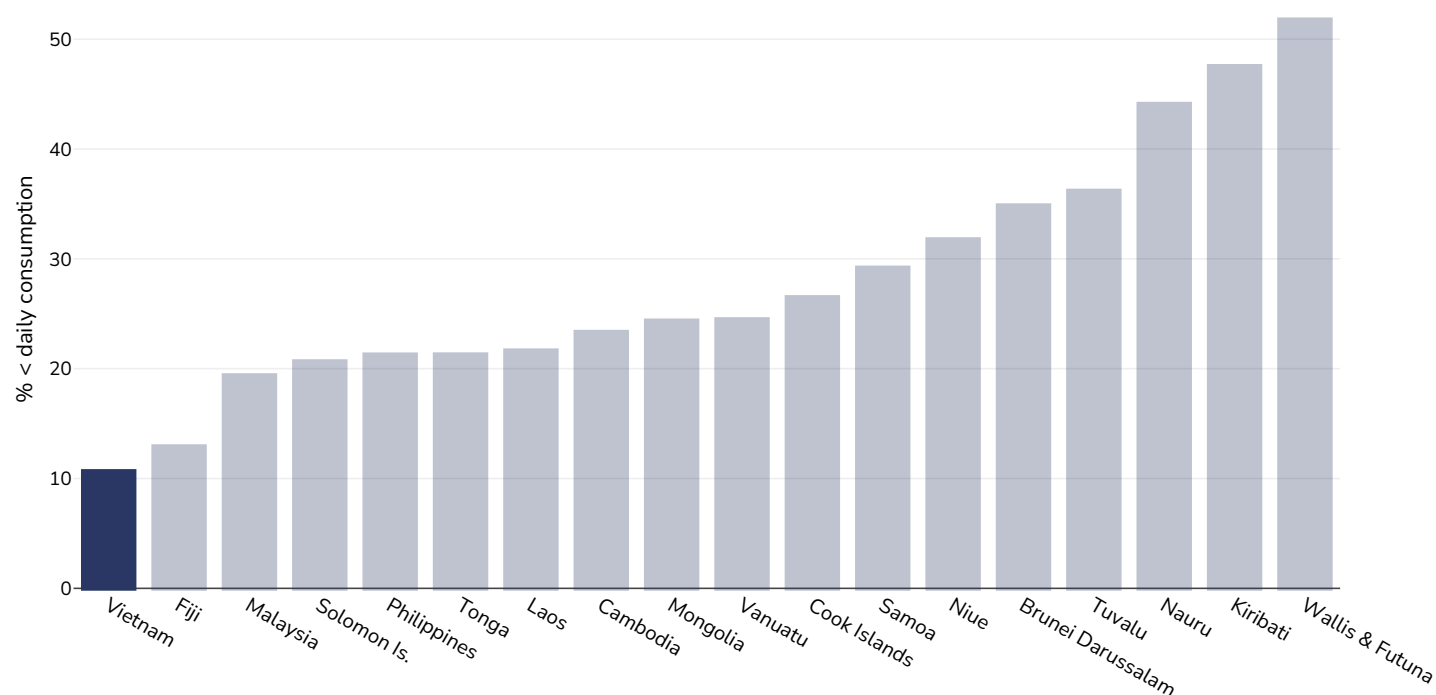
Survey type:	Measured
Age:	12-17
References:	Global School-based Student Health Surveys. Beal et al (2019). Global Patterns of Adolescent Fruit, Vegetable, Carbonated Soft Drink, and Fast-food consumption: A meta-analysis of global school-based student health surveys. Food and Nutrition Bulletin. <a href="https://doi.org/10.1177/0379572119848287">https://doi.org/10.1177/0379572119848287</a> . Sourced from Food Systems Dashboard <a href="http://www.foodsystemsdashboard.org/food-system">http://www.foodsystemsdashboard.org/food-system</a>

Definitions:

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

## Prevalence of less than daily vegetable consumption

### Children, 2010-2015



Survey type: Measured

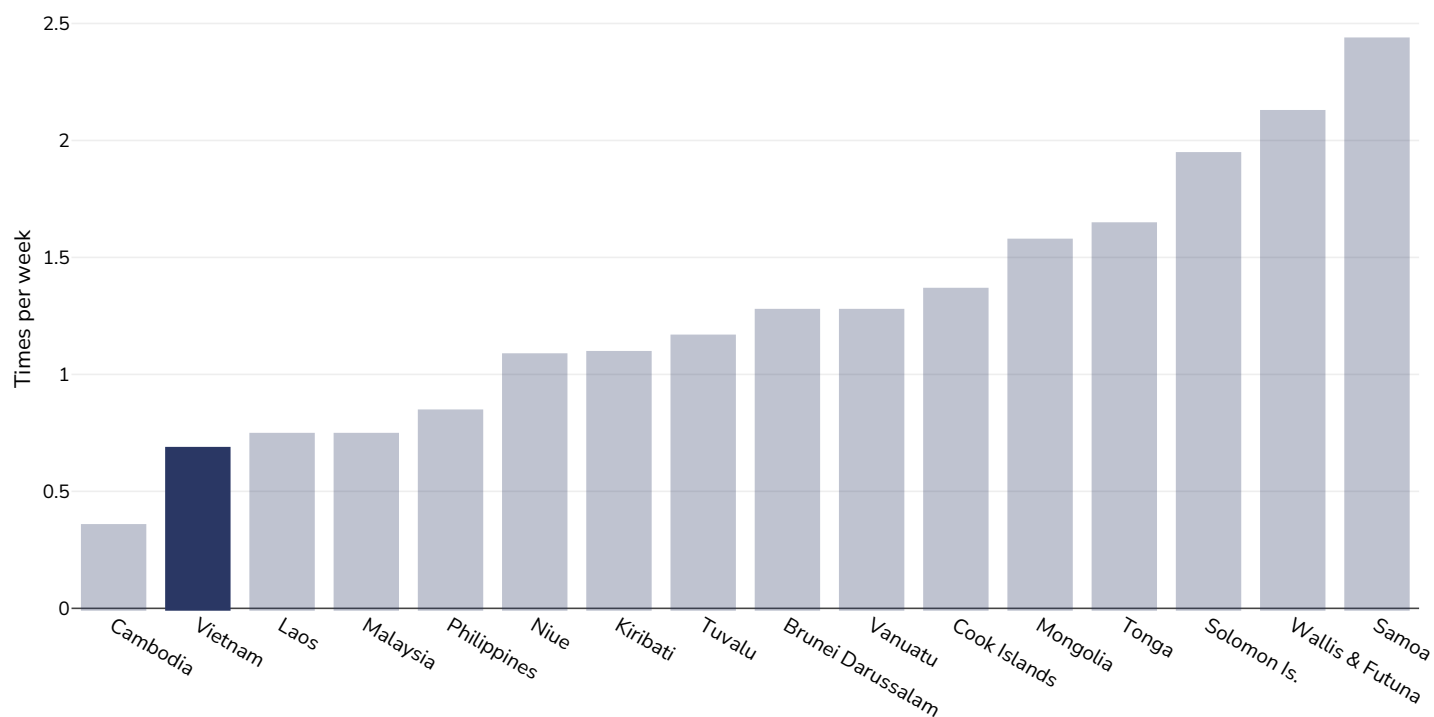
Age: 12-17

References: Beal et al. (2019). Global Patterns of Adolescent Fruit, Vegetable, Carbonated Soft Drink, and Fast-food consumption: A meta-analysis of global school-based student health surveys. Food and Nutrition Bulletin. <https://doi.org/10.1177/0379572119848287> sourced from Food Systems Dashboard <http://www.foodsystemsdashboard.org/food-system>

Definitions: Prevalence of less-than-daily vegetable consumption (% less-than-daily vegetable consumption)

## Average weekly frequency of fast food consumption

### Children, 2010-2015



Age:

12-17

**References:**

Beal et al. (2019). Global Patterns of Adolescent Fruit, Vegetable, Carbonated Soft Drink, and Fast-food consumption: A meta-analysis of global school-based student health surveys. Food and Nutrition Bulletin. <https://doi.org/10.1177/0379572119848287> sourced from Food Systems Dashboard <http://www.foodsystemsdashboard.org/food-system>



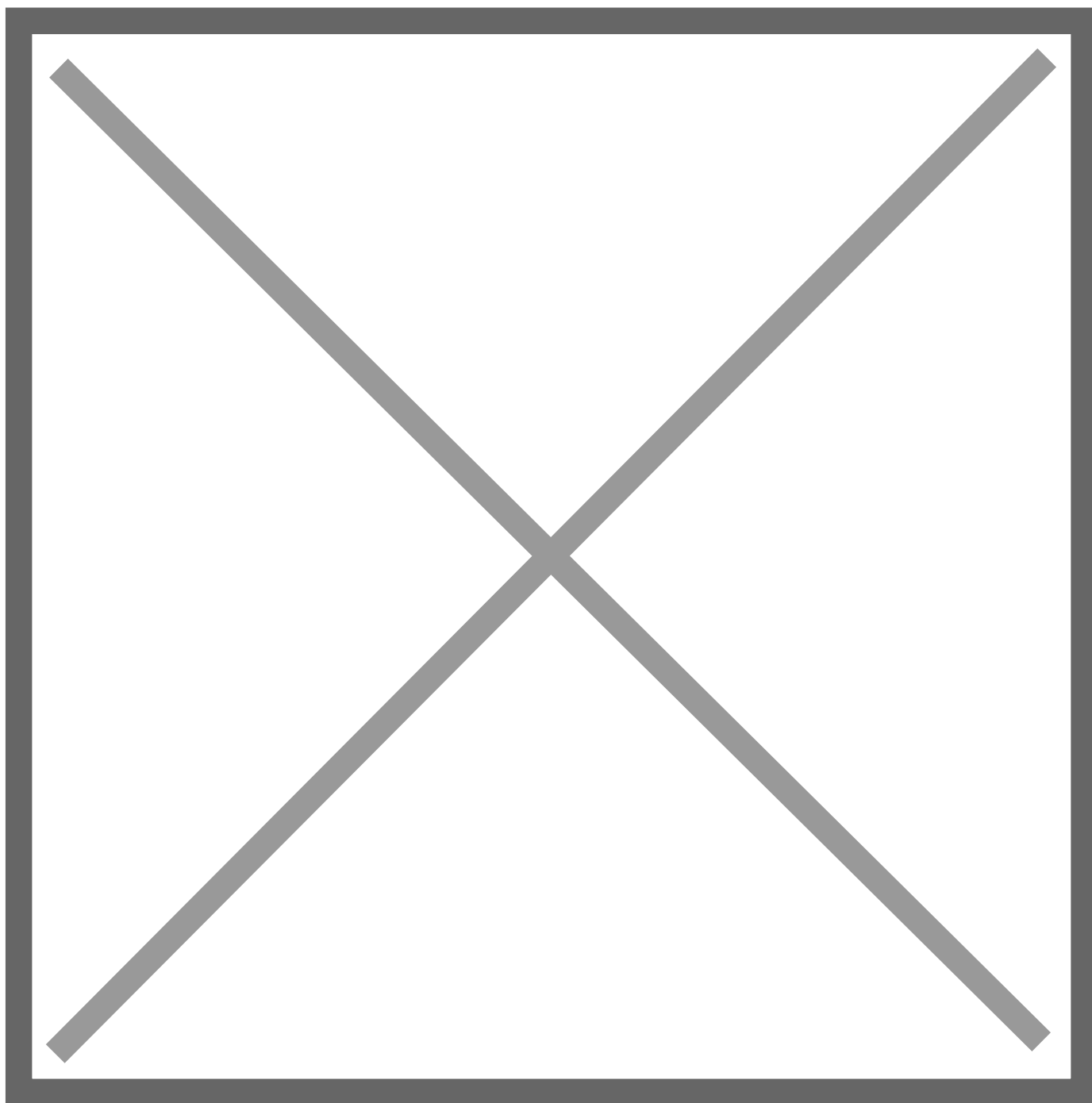
## Mental health - depression disorders

## 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 <a href="http://vizhub.healthdata.org/gbd-compare">http://vizhub.healthdata.org/gbd-compare</a> . (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 <a href="http://vizhub.healthdata.org/gbd-compare">http://vizhub.healthdata.org/gbd-compare</a> . (Last accessed 23.04.25)
Definitions:	Number living with depressive disorder per 100,000 population (Under 20 years of age)

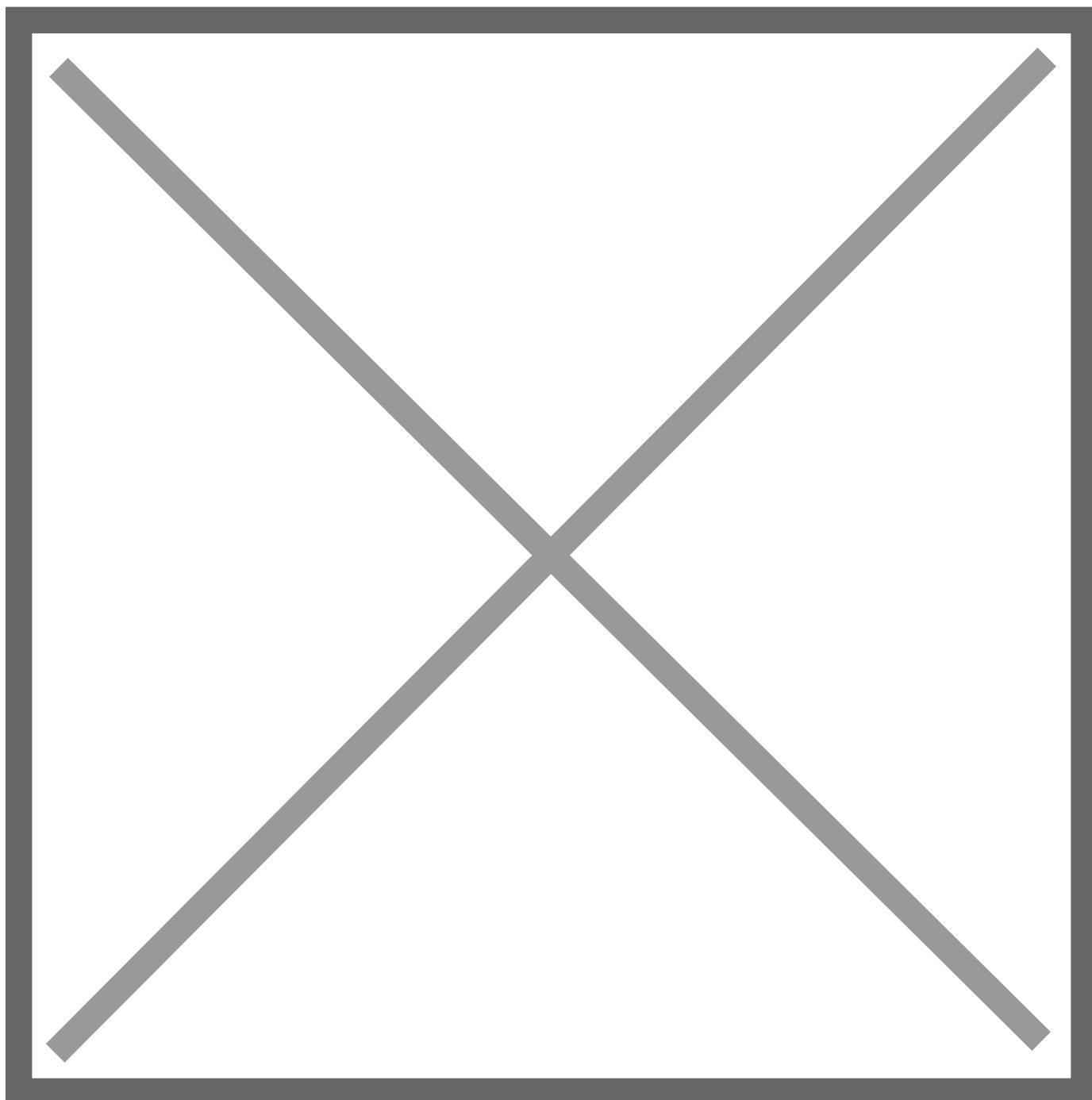
## Girls, 2021



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 <a href="http://vizhub.healthdata.org/gbd-compare">http://vizhub.healthdata.org/gbd-compare</a> . (Last accessed 23.04.25)
Definitions:	Number living with depressive disorder per 100,000 population (Under 20 years of age)

## Mental health - anxiety disorders

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)

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