Report card

Tonga

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Obesity prevalence

Adults, 2017

Survey type: Measured
Age: 18-69
Sample size: 3858
Area covered: National

Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².
Children, 2017

Survey type: Self-reported
Age: 13-17
Sample size: 3333
Area covered: National
References: Tonga - Global School-Based Student Health Survey 2017 [https://www.who.int/ncds/surveillance/gshs/tonga/en/](https://www.who.int/ncds/surveillance/gshs/tonga/en/) (Last accessed 20.10.20)

Cutoffs: WHO
Infants, 2019

Survey type: Measured
Age: 0-5
Sample size: 1271
Area covered: National


Notes: Infants.

Definitions: Weight for height. Overweight = +2SD-+3SD. Obesity = >+3SD

Cutoffs: Other
% Adults living with obesity in Tonga 1998-2017

Women

Obesity

Survey type: Measured

References:


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)


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.
Men

Obesity

Survey type: Measured
References:


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)


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

Women

Survey type: Measured

References:
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)

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.
Men

Survey type: Measured

References:
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)

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
Obesity, Australia  
Obesity, Japan  
Obesity, Malaysia  
Obesity, New Zealand  
Obesity, Philippines  
Obesity, Tonga

References:


2004: Tonga STEPS Survey 2004


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

% Adults living with obesity

2004: Tonga STEPS Survey 2004
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

Infants, 2019

Sample size: 1271


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 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.
Overweight/obesity by region

Infants, 2019

<table>
<thead>
<tr>
<th>Region</th>
<th>Overweight or obesity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rural</td>
<td></td>
</tr>
<tr>
<td>Urban</td>
<td></td>
</tr>
</tbody>
</table>

- **Sample size:** 1271


**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/](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:** $\geq+2SD$
Overweight/obesity by socio-economic group

Infants, 2019

Sample size:


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
Insufficient physical activity

Adults, 2016

Men, 2016

Women, 2016

Average daily frequency of carbonated soft drink consumption

Children, 2010-2015

Survey type: Measured
Age: 12-17

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

Children, 2010-2015

Survey type: Measured
Age: 12-17


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

Children, 2010-2015

<table>
<thead>
<tr>
<th>Country</th>
<th>% &lt; daily consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vietnam</td>
<td>0</td>
</tr>
<tr>
<td>Fiji</td>
<td>10</td>
</tr>
<tr>
<td>Malaysia</td>
<td>20</td>
</tr>
<tr>
<td>Solomon Is.</td>
<td>20</td>
</tr>
<tr>
<td>Tonga</td>
<td>30</td>
</tr>
<tr>
<td>Laos</td>
<td>30</td>
</tr>
<tr>
<td>Cambodia</td>
<td>30</td>
</tr>
<tr>
<td>Mongolia</td>
<td>30</td>
</tr>
<tr>
<td>Vanuatu</td>
<td>30</td>
</tr>
<tr>
<td>Cook Islands</td>
<td>30</td>
</tr>
<tr>
<td>Samoa</td>
<td>30</td>
</tr>
<tr>
<td>Niue</td>
<td>30</td>
</tr>
<tr>
<td>Brunei Darussalam</td>
<td>30</td>
</tr>
<tr>
<td>Tuvalu</td>
<td>40</td>
</tr>
<tr>
<td>Nauru</td>
<td>40</td>
</tr>
<tr>
<td>Kiribati</td>
<td>50</td>
</tr>
<tr>
<td>Wallis &amp; Futuna</td>
<td>50</td>
</tr>
</tbody>
</table>

Survey type: Measured
Age: 12-17


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

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+


Definitions: Estimated per-capita whole grains intake (g/day)
Mental health - depression disorders

Adults, 2015


Definitions: % of population with depression disorders
Mental health - anxiety disorders

Adults, 2015


Definitions: % of population with anxiety disorders
% Infants exclusively breastfed 0-5 months
Infants, 2007-2022


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>=140 OR DBP>=90).
Men, 2015


Definitions: Age Standardised estimated % Raised blood pressure 2015 (SBP>=140 OR DBP>=90).
Women, 2015


Definitions: Age Standardised estimated % Raised blood pressure 2015 (SBP>=140 OR DBP>=90).
Raised cholesterol

Adults, 2008


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](http://apps.who.int/gho/data/node.main.A885)

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

% raised fasting blood glucose


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

Adults, 2021

Age: 20-79

Area covered: National


Definitions: Age-adjusted comparative prevalence of diabetes, %
## Contextual factors

**Disclaimer:** These contextual factors should be interpreted with care. Results are updated as regularly as possible and use very specific criteria. The criteria used and full definitions are available for download at the bottom of this page.

### Labelling

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Is there mandatory nutrition labelling?</td>
<td>✗</td>
</tr>
<tr>
<td>Front-of-package labelling?</td>
<td>✗</td>
</tr>
<tr>
<td>Back-of-pack nutrition declaration?</td>
<td>✗</td>
</tr>
<tr>
<td>Color coding?</td>
<td>✗</td>
</tr>
<tr>
<td>Warning label?</td>
<td>✗</td>
</tr>
<tr>
<td>Regulation and marketing</td>
<td></td>
</tr>
<tr>
<td>--------------------------</td>
<td>--</td>
</tr>
<tr>
<td>Are there fiscal policies on unhealthy products?</td>
<td>✔</td>
</tr>
<tr>
<td>Tax on unhealthy foods?</td>
<td>✖</td>
</tr>
<tr>
<td>Tax on unhealthy drinks?</td>
<td>✔</td>
</tr>
<tr>
<td>Are there fiscal policies on healthy products?</td>
<td>✖</td>
</tr>
<tr>
<td>Subsidy on fruits?</td>
<td>✖</td>
</tr>
<tr>
<td>Subsidy on vegetables?</td>
<td>✖</td>
</tr>
<tr>
<td>Subsidy on other healthy products?</td>
<td>✖</td>
</tr>
<tr>
<td>Mandatory limit or ban of trans fat (all settings)?</td>
<td>✖</td>
</tr>
<tr>
<td>Mandatory limit of trans fats in place (all settings)?</td>
<td>✖</td>
</tr>
<tr>
<td>Ban on trans-fats or phos in place (all settings)?</td>
<td>✖</td>
</tr>
<tr>
<td>Are there any mandatory policies/marketing restrictions on the promotion of unhealthy food/drinks to children?</td>
<td>✖</td>
</tr>
<tr>
<td>Mandatory restriction on broadcast media?</td>
<td>✖</td>
</tr>
<tr>
<td>Mandatory restriction on non-broadcast media?</td>
<td>✖</td>
</tr>
<tr>
<td>Voluntary policies/marketing restrictions on the promotion of unhealthy food/drinks to children?</td>
<td>✖</td>
</tr>
<tr>
<td>Are there mandatory standards for food in schools?</td>
<td>✖</td>
</tr>
<tr>
<td>Are there any mandatory nutrient limits in any manufactured food products?</td>
<td>✖</td>
</tr>
<tr>
<td>Nutrition standards for public sector procurement?</td>
<td>✖</td>
</tr>
</tbody>
</table>
### Political will and support

<table>
<thead>
<tr>
<th>Topic</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>National obesity strategy or nutrition and physical activity national strategy?</td>
<td>✗</td>
</tr>
<tr>
<td>National obesity strategy?</td>
<td>✗</td>
</tr>
<tr>
<td>National childhood obesity strategy?</td>
<td>✗</td>
</tr>
<tr>
<td>Comprehensive nutrition strategy?</td>
<td>✗</td>
</tr>
<tr>
<td>Comprehensive physical activity strategy?</td>
<td>✗</td>
</tr>
<tr>
<td>Evidence-based dietary guidelines and/or RDAs?</td>
<td>✗</td>
</tr>
<tr>
<td>National target(s) on reducing obesity?</td>
<td>✗</td>
</tr>
<tr>
<td>Guidelines/policy on obesity treatment?</td>
<td>✗</td>
</tr>
<tr>
<td>Promotion of breastfeeding?</td>
<td>✗</td>
</tr>
</tbody>
</table>

### Monitoring and surveillance

<table>
<thead>
<tr>
<th>Topic</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monitoring of the prevalence and incidence for the main obesity-related NCDs and risk factors?</td>
<td>✓</td>
</tr>
<tr>
<td>Within 5 years?</td>
<td>✓</td>
</tr>
</tbody>
</table>

### Governance and resource

<table>
<thead>
<tr>
<th>Topic</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-sectoral national co-ordination mechanism for obesity or nutrition (including obesity)?</td>
<td>✓</td>
</tr>
</tbody>
</table>

### Key

- **Present**
- **Present (voluntary)**
- **Incoming**
- **Absent**
- **Unknown**

*Last updated September 13, 2022*