# Report card

## Tonga

<table>
<thead>
<tr>
<th>Contents</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Obesity prevalence</td>
<td>2</td>
</tr>
<tr>
<td>Trend: % Adults living with obesity, 1998-2017</td>
<td>4</td>
</tr>
<tr>
<td>Trend: % Adults living with overweight or obesity, 1998-2017</td>
<td>6</td>
</tr>
<tr>
<td>Trend: % Adults living with obesity, selected countries, 1976-2023</td>
<td>8</td>
</tr>
<tr>
<td>Overweight/obesity by age</td>
<td>10</td>
</tr>
<tr>
<td>Insufficient physical activity</td>
<td>11</td>
</tr>
<tr>
<td>Average daily frequency of carbonated soft drink consumption</td>
<td>17</td>
</tr>
<tr>
<td>Estimated per capita fruit intake</td>
<td>18</td>
</tr>
<tr>
<td>Prevalence of less than daily fruit consumption</td>
<td>19</td>
</tr>
<tr>
<td>Prevalence of less than daily vegetable consumption</td>
<td>20</td>
</tr>
<tr>
<td>Average weekly frequency of fast food consumption</td>
<td>21</td>
</tr>
<tr>
<td>Estimated per-capita processed meat intake</td>
<td>22</td>
</tr>
<tr>
<td>Estimated per capita whole grains intake</td>
<td>23</td>
</tr>
<tr>
<td>Mental health - depression disorders</td>
<td>24</td>
</tr>
<tr>
<td>Mental health - anxiety disorders</td>
<td>25</td>
</tr>
<tr>
<td>% Infants exclusively breastfed 0-5 months</td>
<td>26</td>
</tr>
<tr>
<td>Raised blood pressure</td>
<td>27</td>
</tr>
<tr>
<td>Raised cholesterol</td>
<td>30</td>
</tr>
<tr>
<td>Raised fasting blood glucose</td>
<td>33</td>
</tr>
<tr>
<td>Diabetes prevalence</td>
<td>35</td>
</tr>
<tr>
<td>Contextual factors</td>
<td>36</td>
</tr>
</tbody>
</table>
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, 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, 1998-2017

Women

Survey type: Measured

References: For full details of references visit https://data.worldobesity.org/

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.
Survey type: Measured

References: For full details of references visit https://data.worldobesity.org/

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, 1998-2017

Women

<table>
<thead>
<tr>
<th>Year</th>
<th>% Adults living with overweight or obesity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>90</td>
</tr>
<tr>
<td>2005</td>
<td>90</td>
</tr>
<tr>
<td>2010</td>
<td>90</td>
</tr>
<tr>
<td>2015</td>
<td>90</td>
</tr>
</tbody>
</table>

Survey type: Measured

References: For full details of references visit https://data.worldobesity.org/

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

% Adults living with overweight or obesity

Survey type: Measured

References: For full details of references visit https://data.worldobesity.org/

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, selected countries, 1976-2023

Men

References: For full details of references visit https://data.worldobesity.org/

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

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

% Adults living with obesity

References:
For full details of references visit https://data.worldobesity.org/

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.
Insufficient physical activity

Adults, 2016

Men, 2016

Children, 2016

Survey type: Self-reported

Age: 11-17


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


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


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

<table>
<thead>
<tr>
<th>Country</th>
<th>Times per day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kiribati</td>
<td>0</td>
</tr>
<tr>
<td>Vietnam</td>
<td>0.5</td>
</tr>
<tr>
<td>Mongolia</td>
<td>0.5</td>
</tr>
<tr>
<td>Malaysia</td>
<td>1</td>
</tr>
<tr>
<td>Cambodia</td>
<td>1</td>
</tr>
<tr>
<td>Vanuatu</td>
<td>1</td>
</tr>
<tr>
<td>Philippines</td>
<td>1</td>
</tr>
<tr>
<td>Laos</td>
<td>1.5</td>
</tr>
<tr>
<td>Solomon Is.</td>
<td>1.5</td>
</tr>
<tr>
<td>Brunei Darussalam</td>
<td>2</td>
</tr>
<tr>
<td>Tuvalu</td>
<td>1.5</td>
</tr>
<tr>
<td>Cook Islands</td>
<td>1.5</td>
</tr>
<tr>
<td>Samoa</td>
<td>1.5</td>
</tr>
<tr>
<td>Tonga</td>
<td>2</td>
</tr>
<tr>
<td>Wallis &amp; Futuna</td>
<td>2</td>
</tr>
<tr>
<td>Niue</td>
<td>2</td>
</tr>
</tbody>
</table>

Survey type: Measured
Age: 12-17

References:
[https://doi.org/10.1177/0379572119848287](https://doi.org/10.1177/0379572119848287) sourced from Food Systems Dashboard  
[http://www.foodsystemsdashboard.org/food-system](http://www.foodsystemsdashboard.org/food-system)
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

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+
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, 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

Children, 2004-2020

Area covered:


Definitions: % exclusively breastfed 0-5 months
Raised blood pressure

Adults, 2015


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

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).
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


Definitions: % Raised total cholesterol (>= 5.0 mmol/L) (age-standardized estimate).
Women, 2008

% raised total cholesterol

References:

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:

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>Status</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

| National obesity strategy or nutrition and physical activity national strategy? | ✗ |
| National obesity strategy? | ✗ |
| National childhood obesity strategy? | ✗ |
| Comprehensive nutrition strategy? | ✗ |
| Comprehensive physical activity strategy? | ✗ |

| Evidence-based dietary guidelines and/or RDAs? | ✗ |

| National target(s) on reducing obesity? | ✗ |

| Guidelines/policy on obesity treatment? | ✗ |

| Promotion of breastfeeding? | ✓ |

### Monitoring and surveillance

| Monitoring of the prevalence and incidence for the main obesity-related NCDs and risk factors? | ✓ |
| Within 5 years? | ✓ |

### Governance and resource

| Multi-sectoral national co-ordination mechanism for obesity or nutrition (including obesity)? | ✓ |

### Key

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

Last updated September 13, 2022