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Obesity: missing the 2025 global targets

Trends, Costs and Country Reports

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www.worldobesity.org

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Compiled by Tim Lobstein and Hannah Brinsden

We are grateful for the compilers of online databases and information on obesity especially the World Health Organization's Global Health Observatory, the NCD Risk Factor Collaboration based at Imperial College London and OECD. Please see the Data Sources section of this report in Appendix 1 for more details.

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Foreword

Donna Ryan
President

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Welcome to our first review of progress towards meeting the United Nations' global health targets for 2025.

In this report, we examine the evidence for progress in meeting the targets for tackling adult obesity agreed by member states of the World Health Organization in 2013, in response to the 2011 United Nations High Level Political Declaration on the Prevention and Control of Non-communicable Diseases (NCDs). The targets include a 25% reduction of premature deaths from several leading non-communicable diseases by 2025, and no increase in the prevalence of adult obesity and diabetes between 2010 and 2025.

The obesity target appears modest, yet it is proving remarkably difficult for countries to get a grip on their obesity epidemics. Estimates suggest that the majority of countries have a less than 10% chance of meeting the target.

Failing to meet the obesity target puts the other NCD targets in jeopardy. Obesity is a major risk factor for each of the three major NCDs responsible for the majority of the premature deaths – cardiovascular disease, diabetes and cancer.

Besides the high medical costs, failure to achieve the obesity targets will inevitably have wider social and economic impacts. Rising obesity levels means increasing need for social care, lost employment and lower national productivity, and the loss of active elders within families and communities.

Investment in obesity prevention and treatment are also integral components of the United Nations commitment to Universal Health Coverage. Treatment can be effective and is an important component of the actions needed to address obesity. Even where targets will be missed, the people affected by obesity have a right to optimum health and equitable care.

This report has been published to mark the first unified World Obesity Day, an opportunity for us to push for more comprehensive solutions, treatment and collective responsibility for addressing this global epidemic, and meeting the 2025 targets. Together, we can address the far reaching personal, societal, commercial and economic impacts of obesity.

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Executive summary

Executive summary

Obesity: missing the 2025 targets provides the latest evidence for progress towards meeting the WHO obesity target of no increase in the prevalence of adult obesity between 2010 and 2025. It also presents data on the costs and comorbidities of obesity as well as country reports for 200 countries.

Obesity is a chronic relapsing disease affecting a rapidly increasing number of people worldwide. By 2025, global obesity prevalence is predicted to reach 18% in men and surpass 21% in women.[2] Left untreated, the consequences of obesity are likely to escalate, as the numbers of people living with obesity rises and as the prolonged duration of obesity increases the risk of non-communicable diseases, including diabetes, cardiovascular disease, liver disease and certain cancers, needing more extensive and costly interventions.

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Key findings

Adults

On current trends, 1 in 5 adults worldwide are expected to be affected by obesity by 2025. One third of these will be living with severe obesity (BMI above 35 kg/m²)[2] and at high risk of other NCDs requiring medical intervention.

Estimated number of adults over 20 years old living with obesity globally, 2016

	Overweight BMI 25-29.9kg/m²	Obesity BMI ≥30kg/m²	Severe obesity BMI ≥35kg/m²	Morbid obesity BMI ≥40kg/m²
	694 Million	281 Million	67 Million	18.7 Million
	613 Million	390 Million	136 Million	45.4 Million
Total	1,307 Million	671 Million	203 Million	64.1 Million
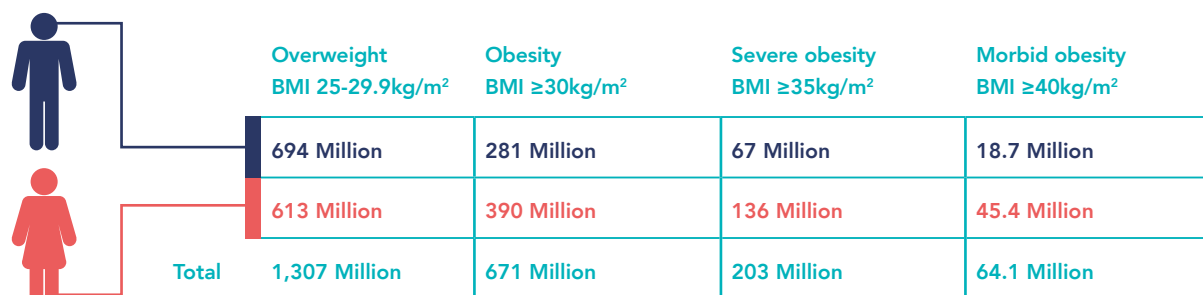
Source: NCD Risc Collaboration, 2017[2]

Global Rise

In 2013, the Member States of the World Health Assembly agreed to a set of voluntary targets to reduce NCDs, including to, by 2025, halt the rise in obesity at 2010 levels.[3] Missing the global 2025 targets considers the prospects for meeting this ambitious target. It takes the latest standardised estimates for obesity prevalence in each country, the long-term trends, existing predictions, and reports the current likelihood for meeting the 2025 targets for each of 200 countries. **The results show most countries have a less than 10% chance of meeting the 2025 target for halting the rise in obesity.**

Once seen as a health concern in high-income countries only, the greatest rise and highest numbers of obesity are now seen in low- and middle-income countries. In many of these countries, undernutrition still prevails, and they are now experiencing the double burden of malnutrition.

Countries with the most rapid rise in obesity prevalence 1995-2016

	Country	CAGR as %		Country	CAGR as %
1	Lao PDR	9.5	1	Vietnam	6.9
2	Vietnam	9.5	2	Lao PDR	6.6
3	Indonesia	8.8	3	Burkina Faso	6.1
4	Maldives	8.4	4	Rwanda	6.1
5	Timor-Leste	8.0	5	Nepal	6.0
6	China	7.9	6	Timor-Leste	6.0
7	Thailand	7.9	7	Bangladesh	5.9
8	Bhutan	7.7	8	Bhutan	5.9
9	Myanmar	7.7	9	Cambodia	5.9
10	Rwanda	7.6	10	Indonesia	5.9

'CAGR as %' = Compound annualised percentage change over the period

Source: NCD Risc Collaboration, 2017[2]

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Children

The prevalence of childhood obesity has risen dramatically worldwide, and is documented in the World Obesity Federation's 2019 Atlas of Childhood Obesity **(https://www.worldobesity.org/nlsegmentation/global-atlas-on-childhood-obesity)**.

Global targets for childhood obesity are similar to those for adults, with no increase in the prevalence of obesity by 2025, based on 2010 levels. Few countries have a better than 50% chance of meeting these targets. An estimated 205.5 million children ages 5-19 will be affected by obesity by 2025.

Percentage and numbers of children ages 5-19 living with obesity: regional and global estimates, 2010, 2016 and predicted 2025[2,7]

	2010	2016	2025	Estimated numbers in 2025
Global	**4.9%**	**6.8%**	**10.5%**	**205.5m***
African Region	1.8%	2.8%	5.2%	23.5m
Region of the Americas	12.5%	14.4%	18.1%	42.0m
South-East Asian Region	6.2%	8.2%	12.0%	26.4m
European Region	6.9%	8.6%	11.2%	18.4m
Eastern Mediterranean Region	1.7%	3.0%	6.3%	32.0m
Western Pacific Region	5.6%	9.6%	16.9%	61.8m

Source: NCD Risk Collaboration, 2017[2,7]

* Includes 1.3m outside WHO regions (primarily Taiwan, Hong Kong and North Korea)

Non-Communicable Diseases

Failing to meet the obesity targets also puts other NCD targets in jeopardy, including the overall target to reduce NCD mortality by 25% by 2025.

The report includes estimates for the number of cases of the major NCDs that are attributable to obesity.

Estimated cases of NCDs attributable to obesity globally

	Number of cases attributable to obesity
Global diabetes[8]	217.6m
Global hypertension[10]	307m
Global heart disease[19]	11.7m
Global cancer[20]	481,212

Costs

The costs of obesity and obesity-related disease are increasing. The report includes estimated figures for the cost of high BMI to health services. It is estimated that the total cost of high BMI to health services globally is US$ 990 billion per year, over 13% of all healthcare expenditure.[21,22] Obesity also results in a number of indirect costs such as impaired productivity, lost life years, and reduced quality of life. The combined direct and indirect healthcare costs are estimated at currently approximately 3.3% of total GDP in OECD countries,[23] a figure which is expected to grow, impairing economic growth and straining national healthcare budgets.

Estimated national healthcare expenditure attributable to high BMI: global and regional

WHO region	Total healthcare expenditure ($US)	Expenditure attributed to high BMI ($US)	High BMI expenditure as % of total healthcare expenditure
Global	7,482.3 bn	990.6bn	13.2%
African Region	84.8bn	7.4bn	8.8%
Region of the Americas	3,784.3bn	669.2bn	17.7%
South-East Asian Region	141.9bn	4.8bn	3.4%
European Region	1,921.4bn	218.5bn	11.4%
Eastern Mediterranean Region	147.8bn	20.1bn	13.6%
Western Pacific Region	1,402.0bn	70.6bn	5.0%

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Calls to action

Every government in the world has committed to international targets to address obesity. There is no excuse for inaction.

People with obesity require respectful and equitable access to treatment and clinical management services. Those at risk require equitable opportunities for obesity prevention.

These actions require systematic, multi-sectoral policy action by each government that recognises and addresses the underlying ROOTS of obesity:

- **R**ecognise officially that obesity is a chronic, multifactorial disease as well as a driver of other diseases, with serious implications for individuals, families, societies and economies.

- **O**besity monitoring and surveillance, and innovative research into the causes and effective strategies for preventing and treating obesity, must be vigorously promoted and supported.

- **O**besity prevention strategies must be developed, tested and implemented across the life course, from preconception, through childhood, and into older age.

- **T**reatment of obesity, using evidence-based, dignified, non-stigmatising and person-centred approaches – including behavioural, pharmacological, digital, nutritional, physical activity based and surgical interventions – should be accessible to all people with obesity.

- **S**ystems-based approaches should be applied to the management of obesity, aimed at strengthening health systems, enabling obesity's incorporation into primary and secondary care, and addressing the environmental, social and commercial roots of obesity.

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Introduction

Introduction

Obesity is a chronic relapsing disease affecting a rapidly increasing number of people worldwide.[1]
By 2025, global obesity prevalence is predicted to reach 18% in men and surpass 21% in women.[2] Of these, an estimated 257m adults worldwide (6% of men and 9% of women) are forecast to be living with severe obesity (defined here as a body mass index (BMI) >35kg/m2), showing a rapid increase from an estimated 202 million in 2016.[2] Having a BMI of 35kg/m2 is widely-accepted as the threshold for meriting medical intervention to reduce the risk of serious consequential ill health.

Table 1: Estimated number of adults over 20 years old living with obesity globally, 2016

	Overweight BMI 25-29.9kg/m²	Obesity BMI ≥30kg/m²	Severe obesity BMI ≥35kg/m²	Morbid obesity BMI ≥40kg/m²
	694 Million	281 Million	67 Million	18.7 Million
	613 Million	390 Million	136 Million	45.4 Million
Total	1,307 Million	671 Million	203 Million	64.1 Million

Source: NCD Risk Factor Collaboration, 2017[2]

Left untreated, the consequences of obesity are likely to escalate, as the numbers of people living with obesity rises and as the prolonged duration of obesity increases the likelihood of more disabling diseases, including diabetes, cardiovascular disease, liver disease and certain cancers, needing more extensive and costly interventions.

United Nations targets

At a High Level Meeting of the United Nations General Assembly in 2011, Member States agreed to a programme for reducing the burden of NCDs, including obesity. The Assembly mandated the World Health Assembly to develop a set of targets and a programme for achieving them, as guidance to national governments. The targets, adopted at the World Health Assembly in May 2013,[3] included:

1. A 25% relative reduction in the overall mortality from cardiovascular diseases, cancer, diabetes, or chronic respiratory diseases. This is to be indicated as the unconditional probability of dying between ages of 30 and 70 from cardiovascular diseases, cancer, diabetes or chronic respiratory diseases.

2. Halt the rise in diabetes and obesity. This is to be indicated as the prevalence in adolescents (defined according to the WHO growth reference as two standard deviations body mass index for age and sex; and in persons aged 18+ years defined as body mass index ≥ 30 kg/m².

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Monitoring progress

At the time of publishing the present report, the 2025 target year is five years away. In this report we explore whether progress is being made using the latest estimates for each country of obesity prevalence, the trends in obesity prevalence and the likelihood of meeting the UN obesity target.

Estimates are also presented for the impact of obesity on the number of cases of diabetes, hypertension, cancer and heart disease, as well as the national health care expenditure attributable to treating the consequences of overweight and obesity.

The drivers of obesity

Obesity, like all chronic diseases, has a wide range of drivers and determinants. Genetics, biology, healthcare access, mental health, sociocultural factors, economics, commercial interests, and environmental determinants all play a role in obesity and the rise in obesity we see today. These determinants interact and compound one another across a number of systems, resulting in the trends we see today. Obesity requires systems thinking and interventions to address it.

Benefits of success

Poor health undermines social and economic development throughout the world. Poor health in the form of chronic non-communicable disease that can be prevented is a major avoidable impediment to equity and prosperity. The right to a standard of living adequate for health is a widely-accepted responsibility of national governments.[4] Its effective implementation can ensure an individual's ability to contribute to and benefit from community resources, improving social stability and reducing the risk of poverty.

A healthy community is also an essential resource for ensuring a healthy future generation, one which inherits health and passes it back in terms of community prosperity for their elders. Future generations need to inherit optimum health and the conditions for good health if they are to meet future challenges and maintain resilience to future shocks.

Barriers to success

People with obesity are regularly shamed and blamed for their disease. This is because many people- including doctors, policymakers and others – do not understand that obesity is a chronic disease. They see it as a simple lack of willpower, laziness, or a refusal to "eat less and move more".

A number of specific issues should be considered when exploring the barriers to success and causes of slow progress. These include:

- An often-repeated narrative that obesity is a personal choice, not an issue which merits government involvement. This must be challenged.

- A belief that nothing can be done, there is no realistic treatment or intervention that can make a difference. This is not true: there is plenty to do.

- Reluctance of government policy-makers and legislators to be involved. This must change.

- Lack of public pressure for national action. This needs to be built.

- Significant resistance from some commercial operators who perceive necessary action as a threat to their interests. This must be challenged.

A programme for success

A programme of actions to tackle these barriers is needed. Every government in the world has committed to international targets to address obesity. There is no excuse for this lack of progress and for inaction. As identified in the World Obesity Federation's co-sponsored *Lancet Commission on the Syndemic of Obesity, Under Nutrition and Climate Change,*[5] solutions to the obesity epidemic can be achieved through an alignment of policies for health, nutrition, and environmental protection, and a corresponding alliance of advocacy organisations urging change. Win-win and triple win policies that improve nutrition while reducing demand on global resources and countering global heating have been identified.[5,6]

In addition, people with obesity require respectful and equitable access to treatment and clinical management services. Those at risk require equitable opportunities for obesity prevention. These actions require systematic, multi-sectoral policy action by each government that recognises and addresses the underlying ROOTS of obesity:

- **R**ecognise officially that obesity is a chronic, multifactorial disease as well as a driver of other diseases, with serious implications for individuals, families, societies and economies.

- **O**besity monitoring and surveillance, and innovative research into the causes and effective strategies for preventing and treating obesity, must be vigorously promoted and supported.

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- **T**reatment of obesity, using evidence-based, dignified, non-stigmatising and person-centred approaches – including behavioural, pharmacological, digital, nutritional, physical-activity based and surgical interventions – should be accessible to all people with obesity.

- **S**ystems-based approaches should be applied to the management of obesity, aimed at strengthening health systems, enabling obesity's incorporation into primary and secondary care, and addressing the environmental, social and commercial roots of obesity.

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Global trends in obesity

Global data

This section presents the countries with the highest prevalence of obesity, the largest numbers of adults with obesity, the most rapid rises in obesity prevalence and the countries with the best chance of meeting the 2025 target. Report cards for individual countries' are available later in the report from page 37.

Key trends show that most countries are experiencing either a rise in obesity, or where some levelling off can be seen it remains at high levels. Tables 2 and 3 present the countries with the highest proportion of men and women with obesity and Table 4 presents the countries with the largest numbers of people living with obesity.

Table 2. Countries with the largest proportion of men over 20 years old living with obesity, 2016

Men

	Country	% men with obesity BMI ≥30kg/m²	Country	% men with severe obesity BMI ≥35kg/m²
1	Nauru	59.9	American Samoa	32.3
2	American Samoa	58.8	Nauru	31.5
3	Cook Islands	54.0	Cook Islands	26.4
4	Palau	53.1	Palau	25.2
5	Marshall Islands	49.8	French Polynesia	22.7
6	French Polynesia	48.9	Marshall Islands	22.5
7	Tuvalu	48.5	Tuvalu	22.2
8	Niue	46.2	Niue	19.4
9	Kiribati	42.9	Tokelau	18.7
10	Tonga	42.7	Micronesia	18.6
11	Micronesia	41.5	Tonga	18.6
12	Tokelau	41.4	Samoa	17.9
13	Samoa	41.3	Kiribati	17.3
14	United States of America	36.5	United States of America	15.2
15	Kuwait	34.3	Qatar	11.8
16	Qatar	33.5	Kuwait	11.7
17	Saudi Arabia	31.7	Saudi Arabia	11.0
18	New Zealand	31.1	Bermuda	10.5
19	Australia	30.6	New Zealand	10.2
20	Canada	30.5	Canada	10.2

Source: NCD Risk Factor Collaboration, 2017[2]

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Table 3: Countries with the largest proportion of women over 20 years old living with obesity, 2016

Women

	Country	% women with obesity BMI ≥30kg/m²	Country	% women with severe obesity BMI ≥35kg/m²
1	American Samoa	65.3	American Samoa	39.6
2	Nauru	64.8	Nauru	38.5
3	Cook Islands	60.9	Cook Islands	34.4
4	Palau	60.5	Palau	33.1
5	Marshall Islands	59.0	Samoa	32.0
6	Tuvalu	57.9	Marshall Islands	31.9
7	French Polynesia	56.9	Tuvalu	31.0
8	Niue	56.8	French Polynesia	31.0
9	Samoa	56.6	Niue	31.0
10	Tonga	56.1	Tonga	30.4
11	Micronesia	53.2	Micronesia	29.0
12	Tokelau	52.2	Tokelau	28.9
13	Kiribati	52.0	Kiribati	26.0
14	Kuwait	47.1	Bermuda	21.5
15	Jordan	44.6	Kuwait	21.4
16	Qatar	44.6	South Africa	21.0
17	Saudi Arabia	43.7	United States of America	20.8
18	Bermuda	43.2	Puerto Rico	20.7
19	Egypt	42.5	Qatar	19.8
20	United Arab Emirates	42.5	Jordan	19.6

Source: NCD Risk Factor Collaboration, 2017[2]

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Table 4: Countries with the largest number of adults over 20 years old living with obesity, 2016

	Country	Men	Country	Women
1	United States of America	42.9m	United States of America	46.8m
2	China	33.2m	China	36.2m
3	Brazil	13.4m	India	21.3m
4	India	12.3m	Brazil	19.6m
5	Russian Federation	9.7m	Russian Federation	17.6m
6	Mexico	9.4m	Mexico	14.0m
7	Germany	8.2m	Egypt	11.6m
8	United Kingdom	6.9m	Turkey	11.1m
9	Turkey	6.5m	Iran	9.1m
10	Egypt	6.3m	Indonesia	7.8m
11	Iran	5.6m	United Kingdom	7.7m
12	France	5.3m	South Africa	7.4m
13	Italy	5.0m	Germany	7.3m
14	Spain	4.6m	Pakistan	6.3m
15	Canada	4.3m	Nigeria	5.8m
16	Saudi Arabia	4.2m	France	5.6m
17	Indonesia	4.2m	Italy	5.3m
18	Argentina	3.9m	Ukraine	5.3m
19	Ukraine	3.7m	Algeria	4.7m
20	Poland	3.6m	Colombia	4.7m

Source: NCD Risk Factor Collaboration, 2017[2]

Once seen as a health concern in high-income countries only, the greatest rise and highest numbers of obesity are now seen in low- and middle-income countries. In many of these countries, undernutrition still prevails, and they are now experiencing the double burden of malnutrition. The Pacific Islands and Middle East have some of the highest prevalence of obesity, with numbers in some cases exceeding 2 in 3 people affected by obesity. Table 5 presents the countries with the most rapid rise in prevalence between 1995 and 2016.

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Table 5: Countries with the most rapid rise in obesity prevalence 1995-2016

	Country	Men: CAGR* as %	Country	Women: CAGR* as %
1	Lao PDR	9.5	Vietnam	6.9
2	Vietnam	9.5	Lao PDR	6.6
3	Indonesia	8.8	Burkina Faso	6.1
4	Maldives	8.4	Rwanda	6.1
5	Timor-Leste	8.0	Nepal	6.0
6	China	7.9	Timor-Leste	6.0
7	Thailand	7.9	Bangladesh	5.9
8	Bhutan	7.7	Bhutan	5.9
9	Myanmar	7.7	Cambodia	5.9
10	Rwanda	7.6	Indonesia	5.9
11	Bangladesh	7.5	Maldives	5.7
12	Cambodia	7.5	Myanmar	5.6
13	Burkina Faso	7.2	Thailand	5.4
14	Sri Lanka	7.1	Burundi	5.3
15	Nepal	7.1	Afghanistan	5.3
16	Angola	6.9	Ethiopia	5.2
17	Malaysia	6.9	China	5.2
18	India	6.8	Sri Lanka	5.2
19	Guinea Bissau	6.8	Madagascar	5.1
20	Mali	6.6	India	5.1

Source: NCD Risk Collaboration, 2017[2]

'CAGR as %' = Compound annualised percentage change over the period.

The global target for adult obesity commits countries to halt the rise in obesity by 2025, measured from their levels in 2010. Projections by the NCD Risk Collaboration indicate that only one country – Andorra – has better than 20% chance of achieving the target, and that is only for women[2].

Table 6: Countries with the best chance of meeting the 2025 target for obesity

		Men		Women
1	Andorra	6%	Andorra	32%
2	American Samoa	3%	Estonia	20%
3	China (Hong Kong)	3%	Latvia	20%
4	Djibouti	3%	Russian Federation	20%
5	Mauritius	3%	China (Hong Kong)	18%
6	Nauru	3%	Lithuania	18%
7	Comoros	2%	Singapore	18%
8	Cyprus	2%	Israel	17%
9	Estonia	2%	Malta	16%
10	Italy	2%	Ukraine	15%
11	Latvia	2%	American Samoa	14%
12	Slovakia	2%	Nauru	13%
13	Slovenia	2%	Belarus	12%
14	Venezuela	2%	Czech Republic / Czechia	12%
15	Zimbabwe	2%	Cyprus	11%
16	Antigua and Barbuda	1%	Belgium	10%
17	Argentina	1%	Spain	10%
18	Armenia	1%	Italy	9%
19	Austria	1%	Moldova	9%
20	Bahamas	1%	Greece	8%

Source: NCD Risk Collaboration[2]

Regional data

The prevalence of obesity differs significantly across different regions of the world. The highest prevalence is seen in the Middle Eastern and Western Pacific regions. In all regions there is a higher prevalence of women with obesity than men. Recognising differences between regions, particularly within sub-groups of the population, is important for ascertaining the most appropriate action within the local context. Tables 7-12 present the countries with the highest and lowest prevalence of obesity by each region.

Africa

Table 7: Countries with the largest and smallest proportion of men and women over 20 years living with obesity in WHO African Region, 2016

Highest

Country	% men with BMI ≥30kg/m²	Country	% women with BMI ≥30kg/m²
Algeria	20.7	South Africa	41.0
South Africa	16.0	Algeria	36.2
Gabon	10.0	Botswana	30.5
Botswana	8.5	Lesotho	27.7
Seychelles	7.9	Swaziland	27.2

Lowest

Country	% men with BMI ≥30kg/m²	Country	% women with BMI ≥30kg/m²
Burundi	2.2	Uganda	9.0
Eritrea	2.1	Burkina Faso	8.5
Rwanda	2.0	Eritrea	7.9
Ethiopia	2.0	Madagascar	7.9
Uganda	1.9	Ethiopia	7.3

Source: NCD Risk Collaboration, 2017[2]

Americas

Table 8: Countries with the largest and smallest proportion of men and women over 20 years living with obesity in the WHO Region of the Americas, 2016

Highest

Country	% men with BMI ≥30kg/m²	Country	% women with BMI ≥30kg/m²
United States of America	36.5	Bermuda	43.2
Canada	30.5	Puerto Rico	41.6
Bermuda	29.9	Bahamas	39.5
Puerto Rico	29.0	United States of America	38.2
Argentina	28.2	Dominica	36.9

Lowest

Country	% men with BMI ≥30kg/m²	Country	% women with BMI ≥30kg/m²
Grenada	13.9	Bolivia	26.6
Guyana	13.2	Brazil	26.4
Saint Lucia	12.5	Ecuador	25.6
Antigua and Barbuda	12.1	Peru	25.1
Trinidad and Tobago	11.2	Paraguay	24.4

Source: NCD Risk Collaboration, 2017[2]

Europe

Table 9: Countries with the largest and smallest proportion of men and women over 20 years living with obesity in WHO European Region, 2016

Highest

Country	% men with BMI ≥30kg/m²	Country	% women with BMI ≥30kg/m²
Malta	30.1	Turkey	40.7
Hungary	29.1	United Kingdom	29.7
United Kingdom	27.9	Malta	29.6
Czech Republic	27.3	Lithuania	28.9
Israel	26.8	Russian Federation	28.1

Lowest

Country	% men with BMI ≥30kg/m²	Country	% women with BMI ≥30kg/m²
Turkmenistan	16.5	Austria	19.1
Azerbaijan	16.5	Sweden	18.8
Kyrgyzstan	14.6	Denmark	17.7
Uzbekistan	14.4	Switzerland	17.6
Tajikistan	12.0	Tajikistan	17.4

Source: NCD Risk Collaboration, 2017[2]

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Middle East

Table 10: Countries with the largest and smallest proportion of men and women over 20 years living with obesity in WHO Eastern Mediterranean Region, 2016

Highest

Country	% men with BMI ≥30kg/m²	Country	% women with BMI ≥30kg/m²
Kuwait	34.3	Kuwait	47.1
Qatar	33.5	Jordan	44.6
Saudi Arabia	31.7	Qatar	44.6
Jordan	29.2	Saudi Arabia	43.7
United Arab Emirates	28.4	Egypt	42.5

Lowest

Country	% men with BMI ≥30kg/m²	Country	% women with BMI ≥30kg/m²
Djibouti	9.0	Djibouti	19.1
Pakistan	6.3	Sudan	12.9
Somalia	4.1	Somalia	12.8
Sudan	4.0	Pakistan	11.8
Afghanistan	3.4	Afghanistan	8.0

Source: NCD Risk Collaboration, 2017[2]

South East Asia

Table 11: Countries with the largest and smallest proportion of men and women over 20 years living with obesity in WHO South-East Asian Region, 2016

Highest

Country	% men with BMI ≥30kg/m²	Country	% women with BMI ≥30kg/m²
Thailand	7.3	Thailand	13.3
Maldives	6.1	Maldives	11.9
Indonesia	5.0	Indonesia	9.3
Bhutan	4.9	Bhutan	8.9
Myanmar	4.2	Myanmar	7.6

Lowest

Country	% men with BMI ≥30kg/m²	Country	% women with BMI ≥30kg/m²
Sri Lanka	3.0	Sri Lanka	7.6
India	2.9	Nepal	5.6
Nepal	2.8	India	5.3
Timor-Leste	2.8	Bangladesh	5.2
Bangladesh	2.4	Timor-Leste	5.2

Source: NCD Risk Collaboration, 2017[2]

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Western Pacific

Table 12: Countries with the largest and smallest proportion of men and women over 20 years living with obesity in WHO Western Pacific Region, 2016

Highest

Country	% men with BMI ≥30kg/m²	Country	% women with BMI ≥30kg/m²
Nauru	59.9	American Samoa	65.3
American Samoa	58.8	Nauru	64.8
Cook Islands	54.0	Cook Islands	60.9
Palau	53.1	Palau	60.5
Marshall Islands	49.8	Marshall Islands	59.0

Lowest

Country	% men with BMI ≥30kg/m²	Country	% women with BMI ≥30kg/m²
Japan	5.0	Singapore	6.6
South Korea	4.6	Cambodia	5.1
Lao PDR	3.9	South Korea	5.0
Cambodia	2.8	Japan	3.9
Vietnam	1.7	Vietnam	2.7

Source: NCD Risk Collaboration, 2017[2]

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Risks for the next generation

The prevalence of childhood obesity has risen dramatically worldwide, and is documented in the World Obesity Federation's 2019 Atlas of Childhood Obesity **(https://www.worldobesity. org/nlsegmentation/global-atlas-on-childhood-obesity)**.

Global targets for childhood obesity are similar to those for adults, with no increase in the prevalence of infant overweight and adolescent obesity by 2025, based on 2010 levels. Few countries have a better than 50% chance of meeting these targets.

Known risk factors for the development of childhood obesity have been examined by the WHO Commission on Ending Childhood Obesity **(https://www.who.int/end-childhood-obesity/en/)** and include a number of economic sociocultural, environmental and commercial factors which are not explored here.

Specific risk factors considered here focus on intergenerational transmission. As identified in the Commission's report, the risk of obesity in childhood is raised if the parents, especially mothers, have a high level of adiposity, if the mother develops diabetes during pregnancy (gestational diabetes), if the infant is not breastfed, or if the infant experiences poor nutrition leading to stunted growth. Tables 13-17 present data for prevalence of obesity in children, by region, prevalence of obesity in women of reproductive age, prevalence of women with gestational diabetes, exclusive breastfeeding and stunting.

Table 13: Percentage and numbers of children ages 5-19 years living with obesity: regional and global estimates

WHO regions	2000	2005	2010	2016	2025	Estimated numbers in 2025
Global	**2.9%**	**3.7%**	**4.9%**	**6.8%**	**10.5%**	**205.5m***
African Region	0.8%	1.2%	1.8%	2.8%	5.2%	23.5m
Region of the Americas	9.2%	10.9%	12.5%	14.4%	18.1%	42.0m
South-East Asian Region	3.9%	5.0%	6.2%	8.2%	12.0%	26.4m
European Region	4.7%	5.7%	6.9%	8.6%	11.2%	18.4m
Eastern Mediterranean Region	0.6%	1.0%	1.7%	3.0%	6.3%	32.0m
Western Pacific Region	2.2%	3.3%	5.6%	9.6%	16.9%	61.8m

Source: NCD Risk Collaboration, 2017[2,7]

Includes 1.3m outside WHO regions (primarily Taiwan, Hong Kong and North Korea)

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Table 14: Percentage of women of reproductive age (18-49 years) living with obesity: global and regional estimates, 2016

WHO regions	2000	2005	2010	2016	number 2016
Global	**7.8%**	**8.9%**	**10.2%**	**12.1%**	**203.7m**
African Region	6.3%	7.5%	8.8%	10.8%	22.0m
Region of the Americas	19.1%	21.6%	24.0%	27.1%	61.8m
South-East Asian Region	13.6%	15.5%	17.9%	21.1%	31.9m
European Region	15.7%	17.0%	18.5%	20.8%	41.6m
Eastern Mediterranean Region	2.0%	2.7%	3.5%	4.8%	21.9m
Western Pacific Region	2.4%	3.1%	4.0%	5.4%	24.3m

Source: NCD Risk Factor Collaboration, 2017[2]

Table 15: Pregnant women (20-49 years) living with hyperglycaemia in pregnancy/gestational diabetes: global and regional estimates, 2019

WHO regions	Prevalence	Number of live births affected
Global	**14.4%**	**20.4m**
African Region	9.6%	3.5m
Region of the Americas	17.2%	2.6m
South-East Asian Region	7.5%	1.9m
European Region	16.3%	2.0m
Eastern Mediterranean Region	27.0%	6.6m
Western Pacific Region	12.3%	3.8m

Source: International Diabetes Federation, 2019[8]

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Table 16: Prevalence and numbers of infants under 5 years with stunting - global and regional estimates 2018

WHO Regions	Prevalence	Numbers
Global	**22%**	**149m**
African Region	33%	56.1m
Region of the Americas	7%	4.8m
South-East Asian Region	25%	20.2m
European Region	not available	not available
Eastern Mediterranean Region	32%	55.5m
Western Pacific Region	6%	7.7m

Source: UNICEF, 2019[9]

Programmes to protect and promote breast-feeding have been undertaken in many countries. The World Health Organization recommends exclusive breast-feeding for the first six months of infancy. The latest available surveys find high levels of exclusive breast-feeding for the first six months reported in several countries, although by far the majority of countries have fewer than two-thirds of mothers achieving this level.

Table 17: Countries with the highest levels of exclusive breast-feeding for the first 6 months

Country (Survey year)	% infants
Rwanda (2014)	86.9
Burundi (2016)	82.3
Sri Lanka (2016)	82
Solomon Islands (2015)	76.2
Vanuatu (2013)	72.6
Zambia (2013)	72
Sao Tome and Principe (2014)	71.7
Samoa (2014)	70.3
Peru (2016)	69.8
Kiribati (2009)	69
North Korea (2012)	68.9
Eritrea (2010)	68.7
Nauru (2007)	67.2
Lesotho (2014)	66.9
Uganda (2016)	65.5
Nepal (2016)	65.2
Cambodia (2014)	65.2
Swaziland / Eswatini (2014)	63.8
Kenya (2014)	61.4
Cabo Verde (2005)	59.6

Source: World Health Organization, 2019[10]

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The consequences of obesity

Rising obesity prevalence and a failure to meet the obesity targets puts the other NCD targets in jeopardy. Left untreated, the consequences of obesity are likely to escalate, as the numbers of people living with obesity rises and as the prolonged duration of obesity increases the risk of NCDs, including diabetes, cardiovascular disease, liver disease and certain cancers, needing more extensive and costly interventions. In this section we provide estimates for the number of cases of NCDs that are attributable obesity.

Recent evidence reviews have estimated the proportion of cases of diabetes, hypertension, ischaemic heart disease, and cancers which can be attributed to obesity. Here, we apply the attributable risk assessments to country estimates of the numbers of cases of these diseases. This provides a crude estimate of the impact of high BMI on the most prevalent NCDs causing premature deaths globally. Tables 18-21 present global and regional summaries of the number of cases of NCDs that are attributable to a high BMI.

These estimates are indicative and need to be treated cautiously, as there are likely to be considerable variations in the attributable risk due to national differences in the distribution of confounding factors, such as tobacco, alcohol, early malnutrition and sedentary behaviour causing these premature deaths.

Calculating the numbers of cases of disease attributable to high BMI

For type-2 diabetes, Flegal et al have reviewed a range of studies and shown obesity-attributable fractions for diabetes prevalence and diabetes-linked mortality ranging from 3% to 98%.[11] Tanamas et al[12] estimate 47.4% of adult cases attributable to adiposity using the combination of obesity (BMI>30 kg/m^2) and/or high waist circumference (>102cm men, >88cm women).This may be an underestimate, as levels of BMI above 23 kg/m^2 are shown to raise the risk of diabetes in some populations.[13,14] The UK National Audit Office calculated health service costs based on obesity-attributable diabetes cases at 47%, and we have used that estimate in the present report.[15]

For cardiovascular disease (CVD), Flegal et al find a range from 1% to 35% for obesity-attributable incidence, and 7% to 44% for obesity-attributable mortality.[11] In some studies only coronary heart disease was considered (range of attributable fractions 7% to 44%). Tanamas et al estimate adiposity-attributable fractions of 24.5% for CVD and 28.3% for hypertension.[12] The UK National Audit Office used the figure of 36% for hypertension and 6% for strokes.[15] In Scotland, obesity-attributable myocardial infarction is estimated at 9.9% (men) and 36.6% (women),[16]

derived from the UK Audit Office estimate of 18% for both genders combined. We have used the figure of 28% for obesity-attributable cases of hypertension, and conservative values of 8% (men) and 25% (women) for myocardial infarction/ischaemic heart disease. This may be an underestimate of the role of adiposity as several authors have noted a raised CVD risk among populations with raised waist circumference, and in populations classified as overweight but not obese (i.e. at levels of BMI below 30 kg/m^2).[17]

For all-cases cancer incidence and mortality, Flegal[11] reports values between 0% and 8% attributable to obesity or high BMI, and Arnold et al[18] report a global value of 3.6% of new cancer cases in 2012 attributable to high BMI, with a higher proportion for women at 5·4% than men at 1·9%, and higher proportion in more developed economies than less developed economies. The latter authors suggest that, worldwide, nearly half a million (481,000) new cases of cancer each year are attributable to high BMI in five cancer sites, and their estimates for these are shown in the present report. Because of the high variation in attributable fraction across regions and national income levels, we have not estimated national figures.

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Table 18: Estimated numbers of Type 2 diabetes cases and deaths attributable to high BMI: global and regional, 2019

	Cases	Deaths
Global	**217.6m**	**1.9m**
African Region	9.1m	0.2m
Region of the Americas	37.2m	0.3m
South-East Asian Region	25.7m	0.2m
European Region	27.9m	0.2m
Eastern Mediterranean Region	41.2m	0.5m
Western Pacific Region	76.4m	0.6m

Source: International Diabetes Federation, 2019[8]

Table 19: Estimated proportion and number of adults over 20 years with hypertension attributable to high BMI: global and regional, 2016*

	Prevalence men	Prevalence women	Number adults
Global	**6.6%**	**5.9%**	**307m**
African Region	6.0%	6.0%	36.0m
Region of the Americas	5.9%	4.7%	34.0m
South-East Asian Region	6.7%	6.3%	85.6m
European Region	8.5%	7.2%	45.6m
Eastern Mediterranean Region	6.4%	5.9%	28.3m
Western Pacific Region	6.4%	5.3%	76.2m

Source: World Health Organization, 2019[10]

Includes non-WHO member states

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Table 20: Estimated number of cases of ischaemic heart disease cases attributable to high BMI: global and regional, 2015, 2016

	Men	Women	Total
Global	**3.5m**	**8.2m**	**11.7m**
African Region	0.2m	0.3m	0.5m
Region of the Americas	0.4m	1.1m	1.5m
South-East Asian Region	0.2m	0.5m	0.7m
European Region	1.1m	2.6m	3.6m
Eastern Mediterranean Region	0.8m	1.6m	2.4m
Western Pacific Region	0.9m	2.1m	3.0m

Source: Roth et al, 2017[19]

Table 21: Estimated number of annual new global cancer cases in adults over 20 years attributable to high BMI, 2012

	Men	Women	Total
Total for these sites	**136,058**	**345,154**	**481,212**
Oesophageal adenocarcinoma	13,569	3,862	17,431
Colon	55,608	29,451	85,059
Rectum	17,804	7,160	24,964
Pancreas	14,845	12,269	27,114
Kidney	34,231	30,179	64,410
Gallbladder	na	32,346	32,346
Breast (post-menopausal)	na	113,767	113,767
Endometrial	na	107,172	107,172
Ovary	na	8,948	8,948

Source: Pearson-Stuttard et al, 2018[20]

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The costs of obesity

Obesity places a significant cost burden on healthcare systems, directly and as a result of the consequences described in the previous section. It is estimated that the total cost of high BMI to health services globally is US$ 990 billion per year, over 13% of all health care expenditure.[21,22] Obesity also results in a number or indirect costs such as impaired productivity, lost life years, and reduced quality of life. The combined direct and indirect healthcare costs are currently approximately 3.3% of total GDP in OECD countries[23], a figure which is expected to grow, impairing economic growth and straining national healthcare budgets.

Here we present estimates of the health care costs attributable to obesity and its medical consequences (see summary data in Table 22). These estimates are based on the increased use of health services by adults experiencing obesity, as estimated by various authors, and applying this to the national per-capita health expenditure reported by the World Health Organization.[21,22]

We also provide estimates of the relative availability of health service coverage able to detect and treat obesity. This is based on data for diabetes, estimating the number of deaths from the disease as a proportion of the estimated number of cases, from data supplied by the International Diabetes Federation[8] (see summary data in Table 23). A higher number of deaths indicates less availability of appropriate services for detection and treatment.

Table 22: Estimated national health care expenditure attributable to high BMI: global and regional ($US)

WHO region	Total healthcare expenditure ($US)	Expenditure attributed to high BMI ($US)	High BMI expenditure as % of total healthcare expenditure
Global	**7,482.3bn**	**990.6bn**	**13.2%**
African Region	84.8bn	7.4bn	8.8%
Region of the Americas	3,784.3bn	669.2bn	17.7%
South-East Asian Region	141.9bn	4.8bn	3.4%
European Region	1,921.4bn	218.5bn	11.4%
Eastern Mediterranean Region	147.8bn	20.1bn	13.6%
Western Pacific Region	1,402.0bn	70.6bn	5.0%

Source: World Health Organization, 2019 and World Obesity Federation, 2017[21,22]

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Table 23: Treatment indicator - diabetes deaths per thousand cases

WHO region	Cases	Deaths	Deaths/1000 cases
Global	**462.9m**	**4.2m**	**9.1**
African Region	19.4m	0.4m	18.9
Region of the Americas	79.2m	0.5m	6.9
South-East Asian Region	54.8m	0.4m	7.7
European Region	59.3m	0.6m	7.8
Eastern Mediterranean Region	87.6m	1.2m	13.1
Western Pacific Region	162.6m	1.3m	7.8

Source: International Diabetes Federation, 2019[8]

* Number of cases includes undiagnosed diabetes.

In addition to the direct costs from medical expenditures, obesity also imposes indirect costs on the economy in the form of impaired productivity, lost life years, and reduced quality of life. These direct and indirect costs combine to decrease a country's wellbeing and economic output (GDP). When individuals die prematurely due to an obesity-attributable disease, the economy loses productive years in which they would have contributed to the workforce. While they are still a part of the workforce, workers affected by obesity are more likely to miss additional days of work (absenteeism) and to be less productive while they are at work (presenteeism). They are also more likely to be unemployed and to retire early.

A study of OECD countries estimates that obesity costs the global economy 3.3% of GDP, ranging from 1.6% in Japan to 5.3% in Mexico. (23) The OECD countries with the highest and lowest estimated GDP loss are presented in Table 24. As the prevalence of obesity grows around the world, these costs will continue to climb, impairing economic growth and straining national healthcare budgets.

Table 24: OECD countries with the highest and lowest GDP loss as a result of obesity

Highest %GDP loss due to obesity			Lowest %GDP loss due to obesity		
	OECD country	% GDP loss		OECD country	% GDP loss
1	Mexico	5.3%	1	Switzerland	2.4%
2	Brazil	5.0%	2	Iceland	2.4%
3	Latvia	4.5%	3	South Korea	2.4%
4	Turkey	4.5%	4	Luxembourg	1.9%
5=	Saudi Arabia United States	4.4%	5	Japan	1.6%

Source: OECD, 2019[23]

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Country Reports

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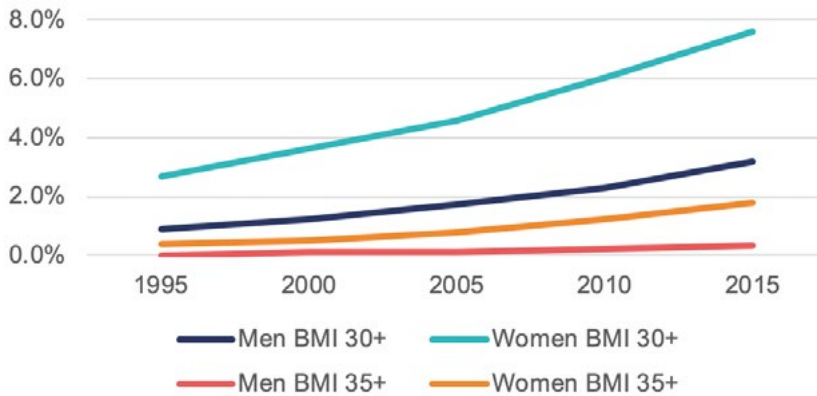Uzbekistan

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Venezuela
Vietnam

Y

Yemen

Z

Zambia
Zimbabwe

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Afghanistan

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend: Men BMI 30+, Women BMI 30+, Men BMI 35+, Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.3	6.0	637.6
Women	6.0	12.6	1260.3
Children 5-19	1.6	6.4	912.6

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	6.5% - very rapid growth
Women	5.3% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	512.6
Hypertension	1330.0
Ischaemic heart disease	22.4

Health coverage indicator

Diabetes deaths per 1000 cases	17 - poor availability

Health care costs attributed to obesity 2016

$US millions	69.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
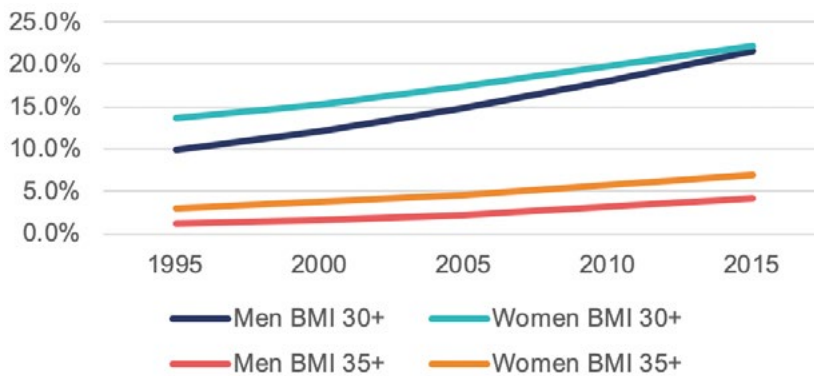Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

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Albania

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	18.1	30.6	**333.8**
Women	19.7	28.3	**325.7**
Children 5-19	5.0	13.9	**82.9**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.9% - very rapid growth
Women	2.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**111.6**
Hypertension	**172.5**
Ischaemic heart disease	**7.8**

Health coverage indicator

Diabetes deaths per 1000 cases	10.3 - poor availability

Health care costs attributed to obesity 2016

$US millions	84.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
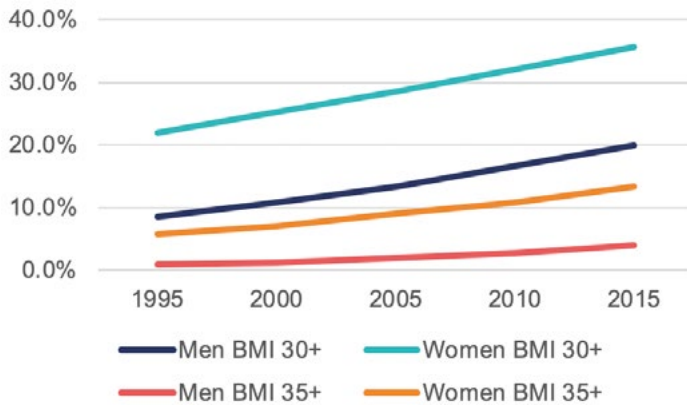Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

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Algeria

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	16.5	29.3	4276.6
Women	32.1	43.4	6368.9
Children 5-19	10.2	18.3	2377.7

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.3% - very rapid growth
Women	2.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	895.2
Hypertension	1813.4
Ischaemic heart disease	47.7

Health coverage indicator

Diabetes deaths per 1000 cases	6.6 - moderate availability

Health care costs attributed to obesity 2016

$US millions	1396.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

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American Samoa

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	56.1	63.1	na
Women	64.0	67.4	na
Children 5-19	25.3	34.6	na

Chance of meeting UN adult obesity targets for 2025

Men	3.0% - very poor chance
Women	14.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	1.1% - rapid growth
Women	0.5% - moderate growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	na
Hypertension	<0.1
Ischaemic heart disease	na

Health coverage indicator

Diabetes deaths per 1000 cases	na

Health care costs attributed to obesity 2016

$US millions	na

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

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Andorra

Prevalence (%) of adults with obesity and severe obesity 1995-2015
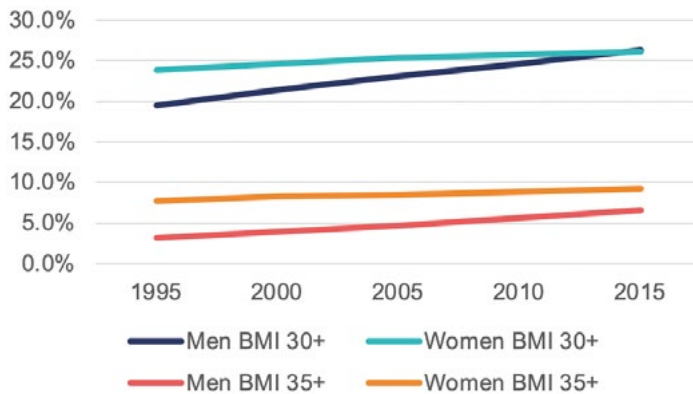
Legend: Men BMI 30+, Women BMI 30+, Men BMI 35+, Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	24.7	30.7	na
Women	25.8	27.4	na
Children 5-19	12.2	13.2	1.7

Chance of meeting UN adult obesity targets for 2025

Men	6.0% - very poor chance
Women	32.0% - poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	1.5% - rapid growth
Women	0.4% - moderate growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	3.2
Hypertension	<0.1
Ischaemic heart disease	na

Health coverage indicator

Diabetes deaths per 1000 cases	4.6 - good availability

Health care costs attributed to obesity 2016

$US millions	na

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
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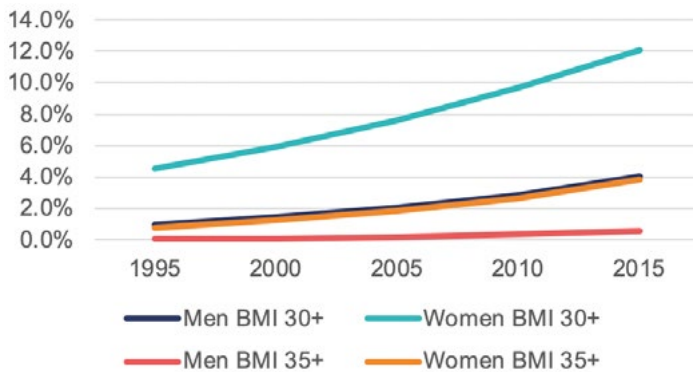**WORLD OBESITY**

Angola

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.9	7.9	574.2
Women	9.7	19.0	1432.4
Children 5-19	1.3	5.0	606.9

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	6.8% - very rapid growth
Women	5.0% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	250.2
Hypertension	1018.3
Ischaemic heart disease	4

Health coverage indicator

Diabetes deaths per 1000 cases	13.1 - poor availability

Health care costs attributed to obesity 2016

$US millions	132.8

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

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7.5/10
HIGH RISK

Antigua and Barbuda

Prevalence (%) of adults with obesity and severe obesity 1995-2015
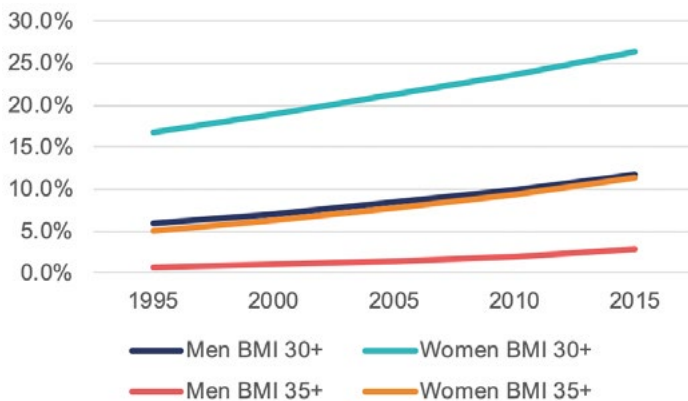
Legend: Men BMI 30+ — Women BMI 30+ — Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	9.9	17.0	**5.4**
Women	23.6	32.8	**12.1**
Children 5-19	8.4	16.8	**3.8**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.4% - very rapid growth
Women	2.2% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**4.3**
Hypertension	**4.3**
Ischaemic heart disease	**0.1**

Health coverage indicator

Diabetes deaths per 1000 cases	9.2 - moderate availability

Health care costs attributed to obesity 2016

$US millions	6.5

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Argentina

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Men BMI 30+ — Women BMI 30+
Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	24.9	34.4	**5431.4**
Women	27.4	35.0	**5948.9**
Children 5-19	14.6	20.5	**2071.6**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.3% - rapid growth
Women	1.7% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**863.5**
Hypertension	**1842.0**
Ischaemic heart disease	**30.4**

Health coverage indicator

Diabetes deaths per 1000 cases	8.4 - moderate availability

Health care costs attributed to obesity 2016

$US millions	5638

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
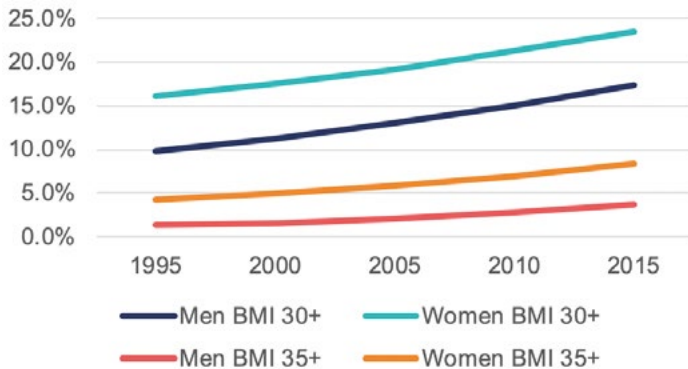For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Armenia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	15.0	23.3	**237.1**
Women	21.3	29.0	**368.5**
Children 5-19	3.6	6.9	**39.7**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.7% - rapid growth
Women	1.9% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**66.3**
Hypertension	**154.7**
Ischaemic heart disease	**13.4**

Health coverage indicator

Diabetes deaths per 1000 cases	12.8 - poor availability

Health care costs attributed to obesity 2016

$US millions	110.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

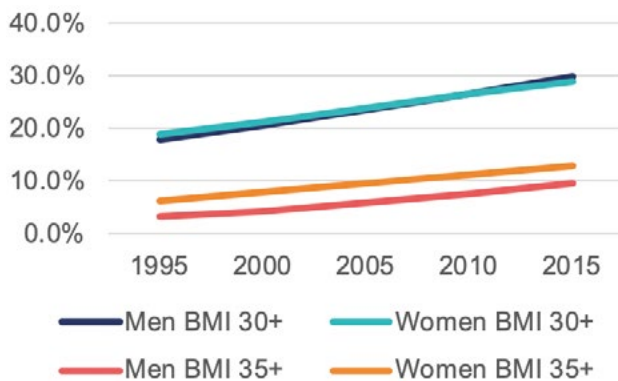**WORLD OBESITY**

Australia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	26.7	37.8	3778.4
Women	26.5	34.9	3568.8
Children 5-19	11.5	14.1	731.8

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.6% - rapid growth
Women	2.1% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	605.5
Hypertension	773.7
Ischaemic heart disease	32.2

Health coverage indicator

Diabetes deaths per 1000 cases	4 - good availability

Health care costs attributed to obesity 2016

$US millions	17661.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
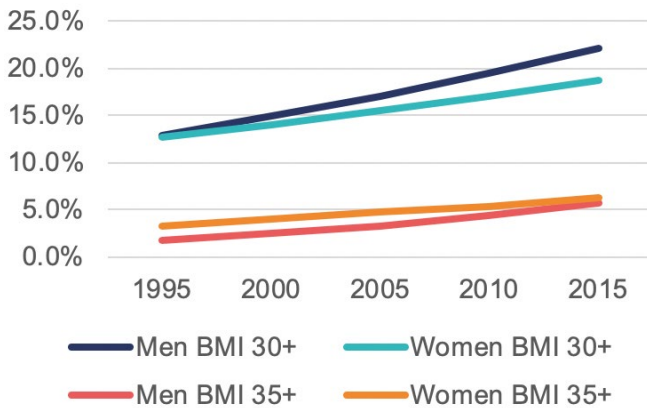For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Austria

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	19.5	28.8	999
Women	17.1	22.7	823.5
Children 5-19	7.4	11.0	144.4

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	3.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.7% - rapid growth
Women	1.9% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	301.5
Hypertension	414.8
Ischaemic heart disease	23.7

Health coverage indicator

Diabetes deaths per 1000 cases	4.7 - good availability

Health care costs attributed to obesity 2016

$US millions	4202.2

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Azerbaijan

Prevalence (%) of adults with obesity and severe obesity 1995-2015
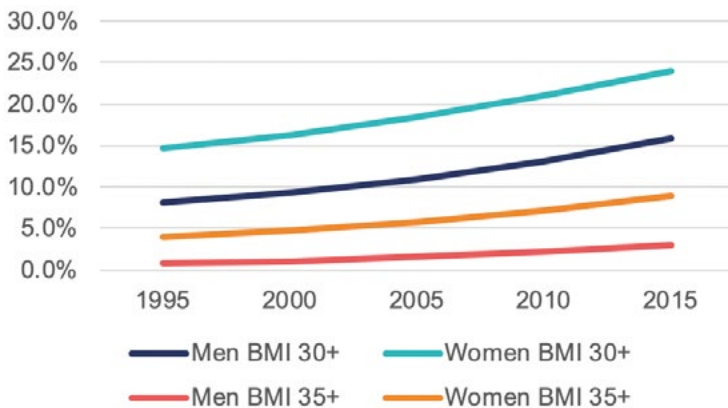
- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	13.2	23.1	828.1
Women	21.0	31.0	1191.3
Children 5-19	3.4	7.9	179.4

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.4% - very rapid growth
Women	2.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	198.1
Hypertension	465.9
Ischaemic heart disease	24.9

Health coverage indicator

Diabetes deaths per 1000 cases	10.5 - poor availability

Health care costs attributed to obesity 2016

$US millions	269.2

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

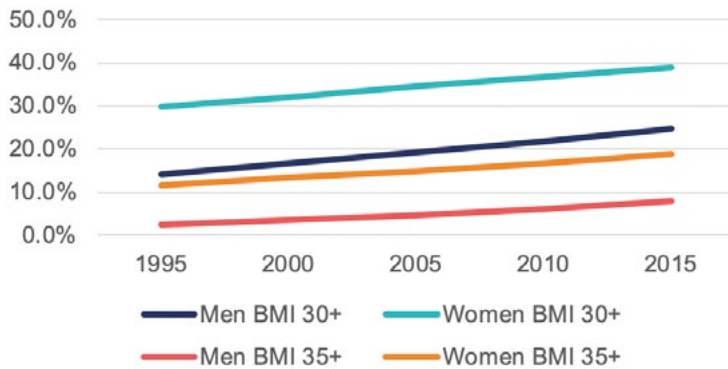**WORLD OBESITY**

Bahamas

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	21.7	32.3	48.7
Women	36.7	44.1	71.8
Children 5-19	15.0	21.3	18.4

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	3.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.8% - rapid growth
Women	1.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	12.6
Hypertension	15.0
Ischaemic heart disease	0.6

Health coverage indicator

Diabetes deaths per 1000 cases	8.6 - moderate availability

Health care costs attributed to obesity 2016

$US millions	114.3

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

NATIONAL OBESITY RISK

Bahrain

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	23.0	32.9	**253**
Women	35.6	42.3	**174.2**
Children 5-19	14.7	20.6	**61.5**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	4.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.3% - rapid growth
Women	1.1% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	95.2
Hypertension	63.5
Ischaemic heart disease	1.9

Health coverage indicator

Diabetes deaths per 1000 cases	2.6 - good availability

Health care costs attributed to obesity 2016

$US millions	223.9

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Bangladesh

Prevalence (%) of adults with obesity and severe obesity 1995-2015
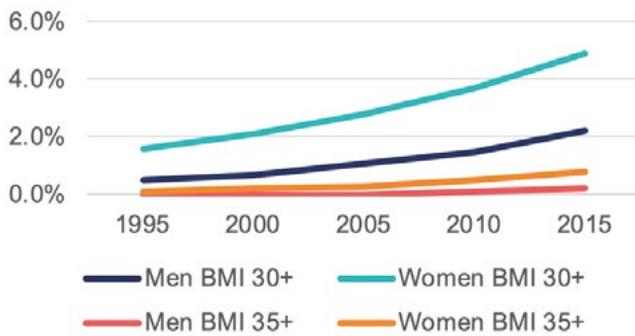
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	1.5	4.7	**2798**
Women	3.7	8.7	**5186.5**
Children 5-19	1.4	5.7	**2563.6**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	7.5% - very rapid growth
Women	5.9% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**3934.9**
Hypertension	**6701.7**
Ischaemic heart disease	**166.7**

Health coverage indicator

Diabetes deaths per 1000 cases	**13.1 - poor availability**

Health care costs attributed to obesity 2016

$US millions	**153.4**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

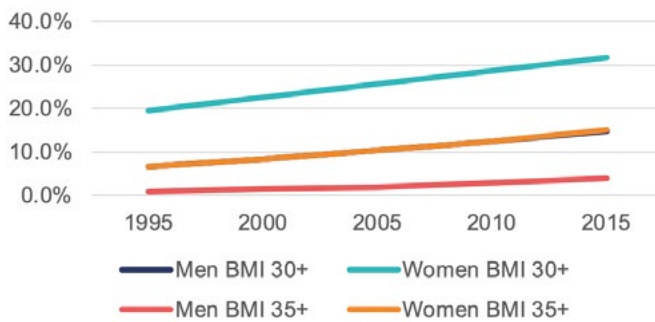**WORLD OBESITY**

Barbados

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	12.3	21.7	**22.3**
Women	28.7	39.3	**45.9**
Children 5-19	8.9	18.3	**9.8**

Chance of meeting UN adult obesity targets for 2025

Men	**0.0% - very poor chance**
Women	**0.0% - very poor chance**

Rate of increase in adult obesity in two decades 1995-2015

Men	**3.9% - very rapid growth**
Women	**2.4% - rapid growth**

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**17.1**
Hypertension	**14.7**
Ischaemic heart disease	**0.7**

Health coverage indicator

Diabetes deaths per 1000 cases	**8 - moderate availability**

Health care costs attributed to obesity 2016

$US millions	**40.8**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
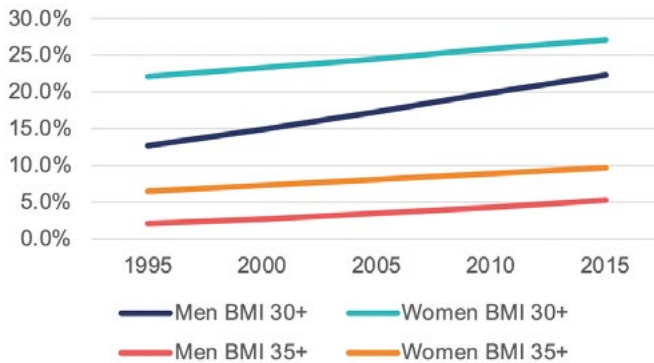Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Belarus

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	19.8	28.7	**910**
Women	25.9	30.0	**1169.7**
Children 5-19	5.8	10.7	**159.8**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	12.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.8% - rapid growth
Women	1.0% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**217.7**
Hypertension	**565.2**
Ischaemic heart disease	**66.6**

Health coverage indicator

Diabetes deaths per 1000 cases	14.6 - poor availability

Health care costs attributed to obesity 2016

$US millions	355.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Belgium

Prevalence (%) of adults with obesity and severe obesity 1995-2015
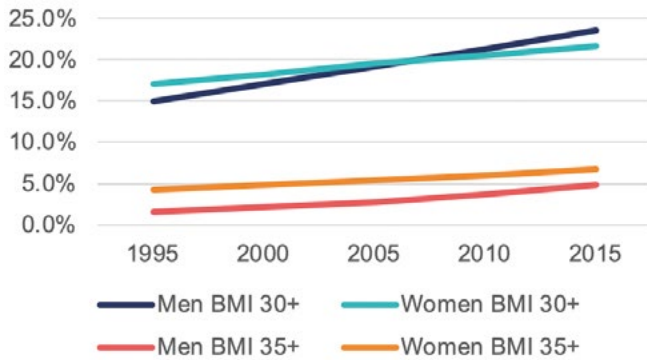
Legend: Men BMI 30+, Women BMI 30+, Men BMI 35+, Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	21.2	29.4	1322.1
Women	20.6	24.3	1128.9
Children 5-19	6.7	7.4	149.4

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	10.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.2% - rapid growth
Women	1.1% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	263.7
Hypertension	430.9
Ischaemic heart disease	31

Health coverage indicator

Diabetes deaths per 1000 cases	5.3 - moderate availability

Health care costs attributed to obesity 2016

$US millions	5193.5

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

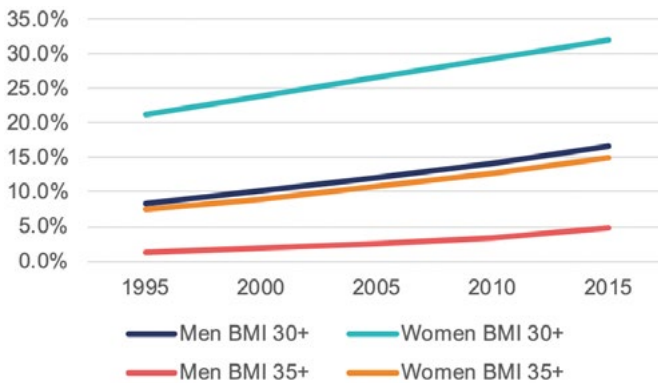**WORLD OBESITY**

Belize

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	14.1	23.5	**31.4**
Women	29.3	38.6	**53.6**
Children 5-19	9.3	17.0	**20.4**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.4% - very rapid growth
Women	2.0% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**16**
Hypertension	**13.6**
Ischaemic heart disease	**0.2**

Health coverage indicator

Diabetes deaths per 1000 cases	**9.4 - moderate availability**

Health care costs attributed to obesity 2016

$US millions	**14.3**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
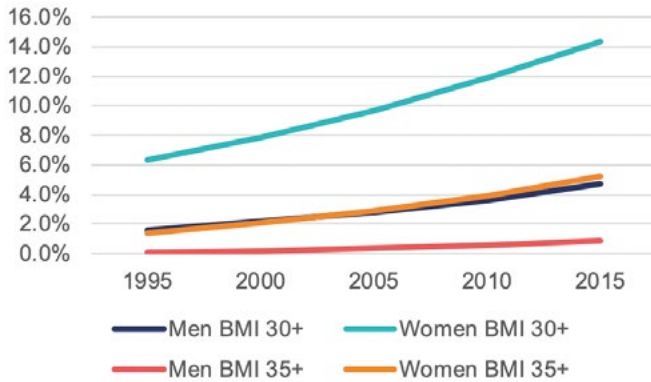For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Benin

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	3.6	8.2	**284.4**
Women	11.9	20.9	**740**
Children 5-19	1.7	4.7	**239.3**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	**5.4% - very rapid growth**
Women	**4.1% - very rapid growth**

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**20.9**
Hypertension	**391.5**
Ischaemic heart disease	**4.8**

Health coverage indicator

Diabetes deaths per 1000 cases	**15.5 - poor availability**

Health care costs attributed to obesity 2016

$US millions	**18.5**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
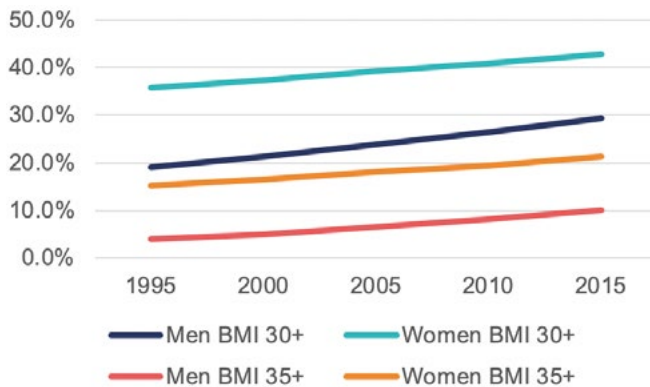Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Bermuda

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend:
— Men BMI 30+
— Women BMI 30+
— Men BMI 35+
— Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	26.4	36.5	na
Women	41.0	46.7	na
Children 5-19	17.9	22.4	na

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	7.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.1% - rapid growth
Women	0.9% - moderate growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	3.2
Hypertension	<0.1
Ischaemic heart disease	na

Health coverage indicator

Diabetes deaths per 1000 cases	na

Health care costs attributed to obesity 2016

$US millions	na

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
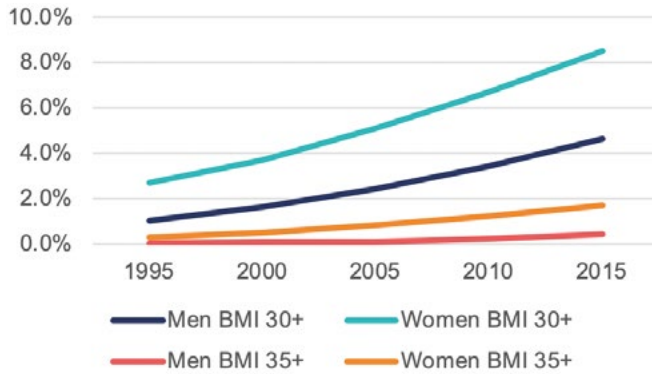Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Bhutan

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	3.4	8.9	**28.4**
Women	6.7	13.8	**37.2**
Children 5-19	1.9	6.8	**14.1**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	7.6% - very rapid growth
Women	5.8% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**21.6**
Hypertension	**36.6**
Ischaemic heart disease	**0.6**

Health coverage indicator

Diabetes deaths per 1000 cases	7.1 - moderate availability

Health care costs attributed to obesity 2016

$US millions	2.9

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

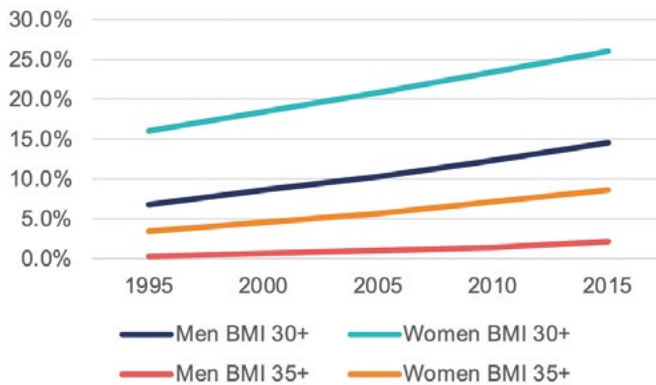**WORLD OBESITY**

Bolivia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	12.3	20.8	**786**
Women	23.4	32.3	**1250.6**
Children 5-19	7.0	12.9	**494.8**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.8% - very rapid growth
Women	2.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**193.3**
Hypertension	**321.0**
Ischaemic heart disease	**6.2**

Health coverage indicator

Diabetes deaths per 1000 cases	**10.7 - poor availability**

Health care costs attributed to obesity 2016

$US millions	**240.8**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Bosnia and Herzegovina

Prevalence (%) of adults with obesity and severe obesity 1995-2015
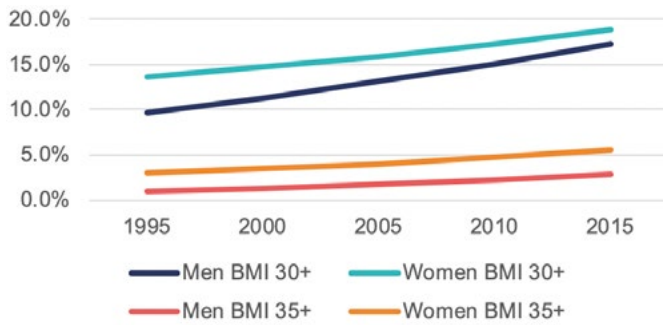
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	15.1	23.0	**344.3**
Women	17.3	22.8	**350.2**
Children 5-19	3.8	9.9	**51.4**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	4.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.9% - rapid growth
Women	1.6% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**146.3**
Hypertension	**229.3**
Ischaemic heart disease	**14.6**

Health coverage indicator

Diabetes deaths per 1000 cases	10.9 - poor availability

Health care costs attributed to obesity 2016

$US millions	**144**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
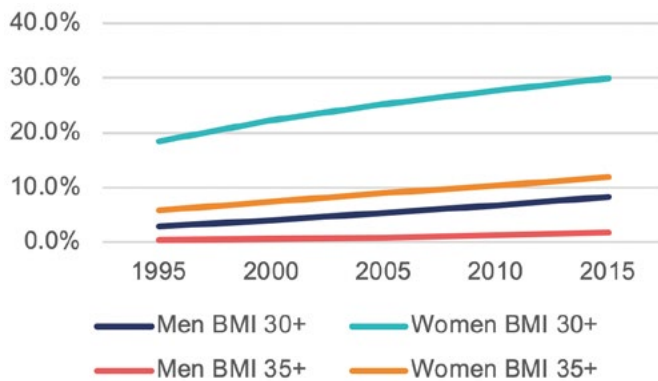Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Botswana

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	6.6	12.8	**102.7**
Women	27.6	35.6	**291.2**
Children 5-19	3.9	11.2	**76.8**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.3% - very rapid growth
Women	2.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**36.7**
Hypertension	**99.9**
Ischaemic heart disease	**1.1**

Health coverage indicator

Diabetes deaths per 1000 cases	21.4 - poor availability

Health care costs attributed to obesity 2016

$US millions	85.9

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Brazil

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Men BMI 30+ — Women BMI 30+
Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	16.1	25.2	19977.8
Women	23.4	31.8	26985.4
Children 5-19	8.5	15.4	6757.1

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.5% - very rapid growth
Women	2.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	7886.9
Hypertension	9366.6
Ischaemic heart disease	351

Health coverage indicator

Diabetes deaths per 1000 cases	8 - moderate availability

Health care costs attributed to obesity 2016

$US millions	23463.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Brunei Darussalam

Prevalence (%) of adults with obesity and severe obesity 1995-2015
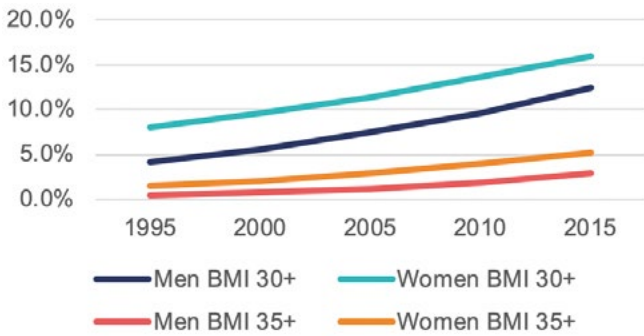
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	9.6	20.7	**36.8**
Women	13.6	22.3	**37.6**
Children 5-19	10.8	19.7	**19.3**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.6% - very rapid growth
Women	3.5% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**18.8**
Hypertension	**15.0**
Ischaemic heart disease	**0.1**

Health coverage indicator

Diabetes deaths per 1000 cases	7 - moderate availability

Health care costs attributed to obesity 2016

$US millions	20.2

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

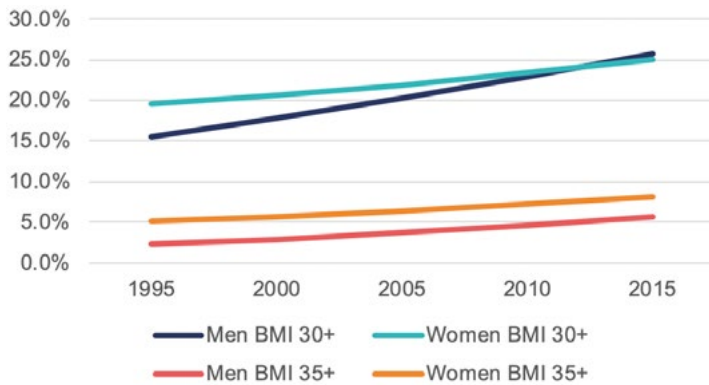**WORLD OBESITY**

Bulgaria

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	22.9	32.6	**824.7**
Women	23.4	28.6	**790.7**
Children 5-19	8.1	15.3	**150**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	7.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.5% - rapid growth
Women	1.2% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**207.9**
Hypertension	**463.6**
Ischaemic heart disease	**40.7**

Health coverage indicator

Diabetes deaths per 1000 cases	14.2 - poor availability

Health care costs attributed to obesity 2016

$US millions	514.3

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
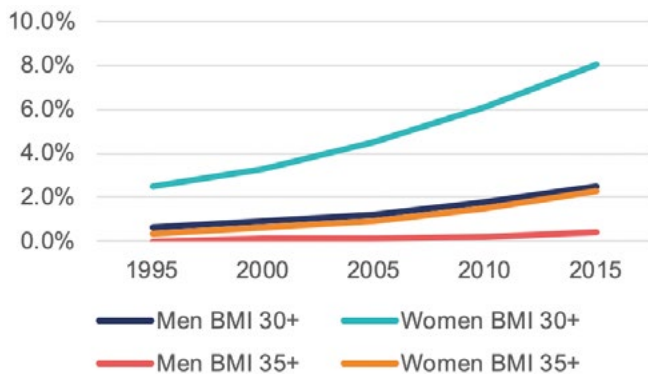For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Burkina Faso

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	1.8	5.5	298.1
Women	6.1	14.4	809.1
Children 5-19	0.4	2.7	248.5

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	7.1% - very rapid growth
Women	6.0% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	232.2
Hypertension	744.3
Ischaemic heart disease	7.6

Health coverage indicator

Diabetes deaths per 1000 cases	19.5 - poor availability

Health care costs attributed to obesity 2016

$US millions	28.5

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Burundi

Prevalence (%) of adults with obesity and severe obesity 1995-2015
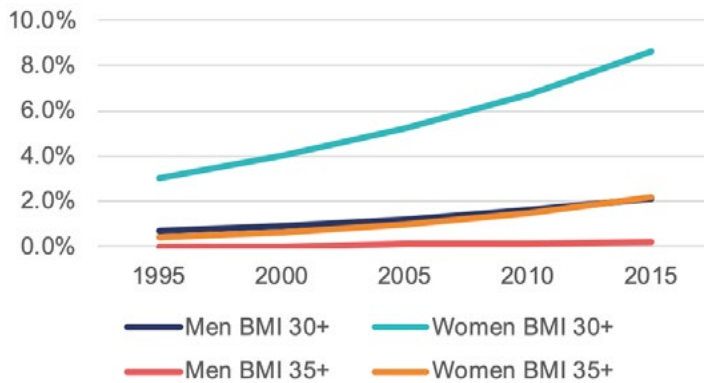
Legend:
- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	1.6	4.0	**133.4**
Women	6.7	14.3	**502.9**
Children 5-19	0.9	4.1	**240.6**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.9% - very rapid growth
Women	5.3% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	57.8
Hypertension	378.7
Ischaemic heart disease	4.5

Health coverage indicator

Diabetes deaths per 1000 cases	21.9 - poor availability

Health care costs attributed to obesity 2016

$US millions	8.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

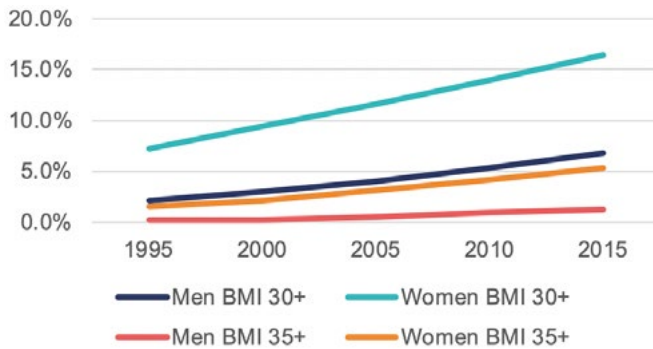**WORLD OBESITY**

Cabo Verde

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	5.3	11.9	**21.8**
Women	14.0	23.2	**44.7**
Children 5-19	2.2	5.4	**7.3**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	6.0% - very rapid growth
Women	4.1% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**3.2**
Hypertension	**26.8**
Ischaemic heart disease	**0.4**

Health coverage indicator

Diabetes deaths per 1000 cases	8.4 - moderate availability

Health care costs attributed to obesity 2016

$US millions	**5.5**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

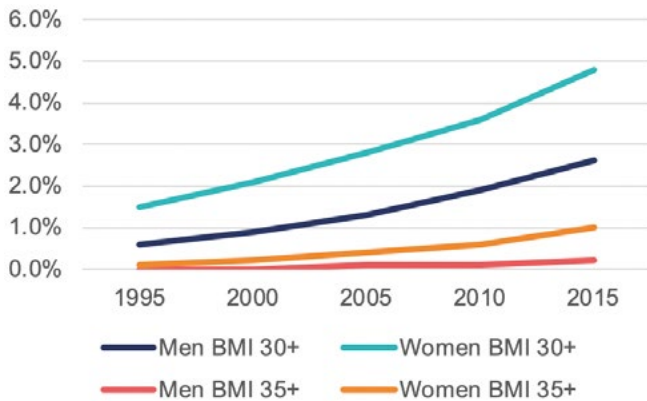**WORLD OBESITY**

Cambodia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	1.9	5.5	**288.4**
Women	3.6	8.6	**498.5**
Children 5-19	1.7	6.5	**337.1**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	7.5% - very rapid growth
Women	5.8% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**202.3**
Hypertension	**678.3**
Ischaemic heart disease	**9.7**

Health coverage indicator

Diabetes deaths per 1000 cases	18.3 - poor availability

Health care costs attributed to obesity 2016

$US millions	36.9

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

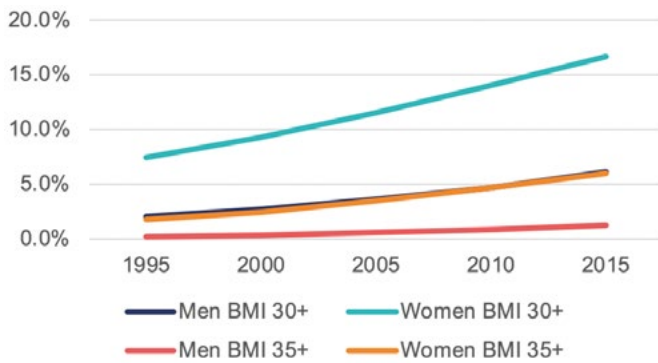**WORLD OBESITY**

Cameroon

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	4.7	10.6	771.5
Women	14.0	23.7	1742.8
Children 5-19	1.9	4.8	526.9

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.6% - very rapid growth
Women	4.0% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	289.1
Hypertension	770.4
Ischaemic heart disease	8.7

Health coverage indicator

Diabetes deaths per 1000 cases	22.3 - poor availability

Health care costs attributed to obesity 2016

$US millions	98

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Canada

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend:
— Men BMI 30+   — Women BMI 30+
— Men BMI 35+   — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	26.7	37.3	5631.9
Women	27.2	36.1	5613.9
Children 5-19	11.1	14.6	973.8

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.6% - rapid growth
Women	2.2% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	1312.9
Hypertension	1053.3
Ischaemic heart disease	66.1

Health coverage indicator

Diabetes deaths per 1000 cases	4.2 - good availability

Health care costs attributed to obesity 2016

$US millions	23911.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Central African Republic

Prevalence (%) of adults with obesity and severe obesity 1995-2015
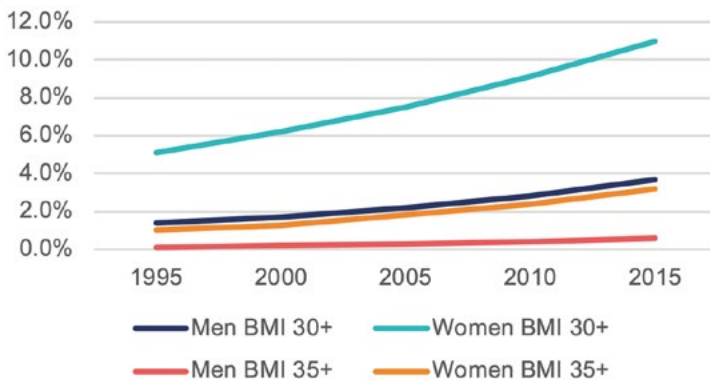
Men BMI 30+   Women BMI 30+
Men BMI 35+   Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.8	6.4	**99.4**
Women	9.1	16.3	**265.3**
Children 5-19	1.3	4.4	**87.7**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.1% - very rapid growth
Women	3.9% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**47.5**
Hypertension	**171.5**
Ischaemic heart disease	**0.7**

Health coverage indicator

Diabetes deaths per 1000 cases	31.2 - poor availability

Health care costs attributed to obesity 2016

$US millions	3.2

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

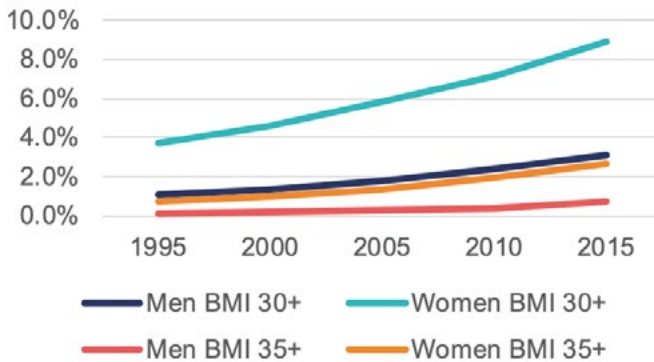**WORLD OBESITY**

Chad

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	2.4	5.6	**231.5**
Women	7.2	14.0	**586.4**
Children 5-19	0.8	3.0	**224.9**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.4% - very rapid growth
Women	4.5% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**115.1**
Hypertension	**552.8**
Ischaemic heart disease	**4.6**

Health coverage indicator

Diabetes deaths per 1000 cases	**23.2 - poor availability**

Health care costs attributed to obesity 2016

$US millions	**18.2**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

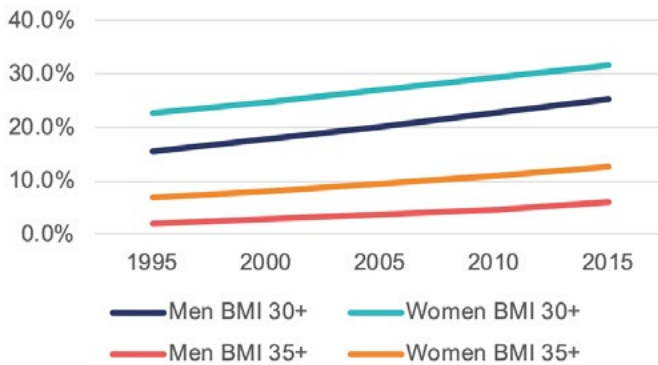**WORLD OBESITY**

Chile

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	22.6	31.7	**2310.9**
Women	29.3	37.1	**2822.9**
Children 5-19	12.9	19.2	**704**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.4% - rapid growth
Women	1.6% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**593.2**
Hypertension	**772.3**
Ischaemic heart disease	**14.4**

Health coverage indicator

Diabetes deaths per 1000 cases	6.1 - moderate availability

Health care costs attributed to obesity 2016

$US millions	2863.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

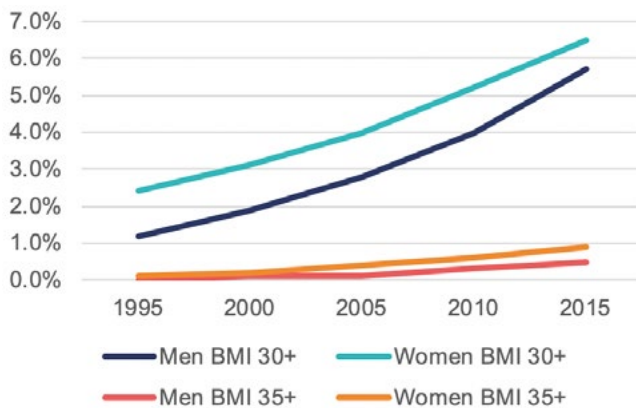**WORLD OBESITY**

China

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	4.0	12.3	69358.5
Women	5.2	10.8	58608.4
Children 5-19	6.5	20.3	52798.8

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	7.9% - very rapid growth
Women	5.1% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	54730
Hypertension	57702.1
Ischaemic heart disease	2285.4

Health coverage indicator

Diabetes deaths per 1000 cases	7 - moderate availability

Health care costs attributed to obesity 2016

$US millions	24902.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
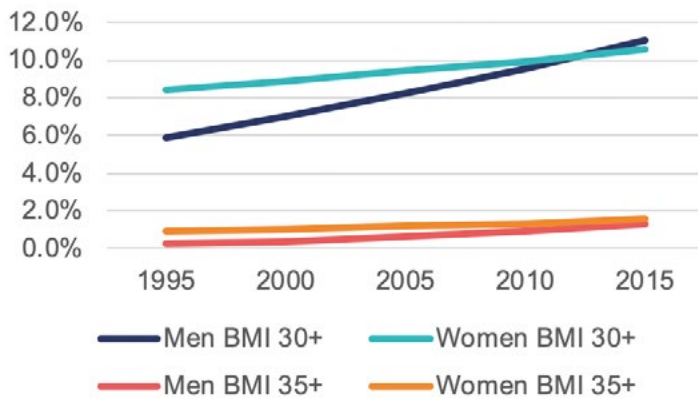Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

China (Hong Kong)

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	9.5	15.5	**456.3**
Women	9.9	12.3	**426.3**
Children 5-19	8.4	14.2	**140.7**

Chance of meeting UN adult obesity targets for 2025

Men	3.0% - very poor chance
Women	18.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.1% - very rapid growth
Women	1.1% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	339.9
Hypertension	<0.1
Ischaemic heart disease	na

Health coverage indicator

Diabetes deaths per 1000 cases	na

Health care costs attributed to obesity 2016

$US millions	na

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

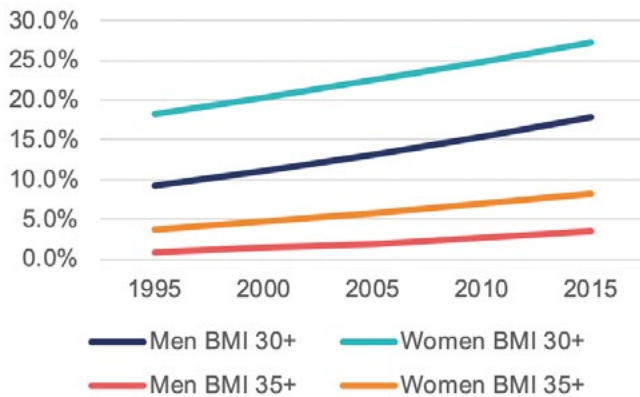**WORLD OBESITY**

Colombia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	15.3	24.1	4349.8
Women	24.8	32.9	6351.6
Children 5-19	5.3	10.1	1341.7

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.2% - very rapid growth
Women	2.0% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	1333.1
Hypertension	1736.8
Ischaemic heart disease	67

Health coverage indicator

Diabetes deaths per 1000 cases	6.5 - moderate availability

Health care costs attributed to obesity 2016

$US millions	1839.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Comoros

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.6	5.5	**14**
Women	10.1	18.1	**46.3**
Children 5-19	1.7	5.1	**17.6**

Chance of meeting UN adult obesity targets for 2025

Men	2.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.5% - very rapid growth
Women	3.9% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**15.9**
Hypertension	**30.8**
Ischaemic heart disease	**0.3**

Health coverage indicator

Diabetes deaths per 1000 cases	10.5 - poor availability

Health care costs attributed to obesity 2016

$US millions	2.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

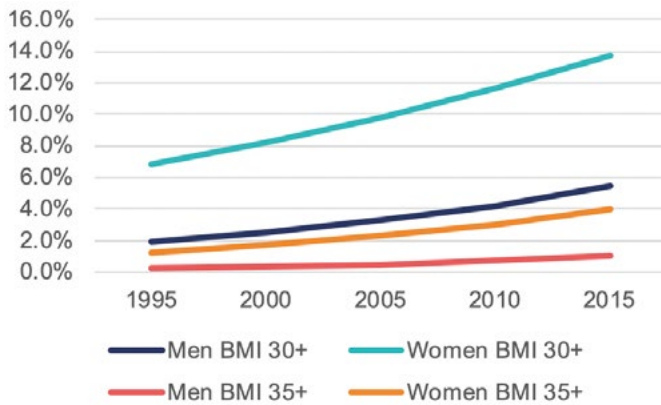**WORLD OBESITY**

Congo

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	4.2	9.5	**137.7**
Women	11.6	19.1	**280.1**
Children 5-19	1.1	3.8	**86**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.4% - very rapid growth
Women	3.5% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	74.5
Hypertension	175.0
Ischaemic heart disease	1

Health coverage indicator

Diabetes deaths per 1000 cases	15.9 - poor availability

Health care costs attributed to obesity 2016

$US millions	19.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

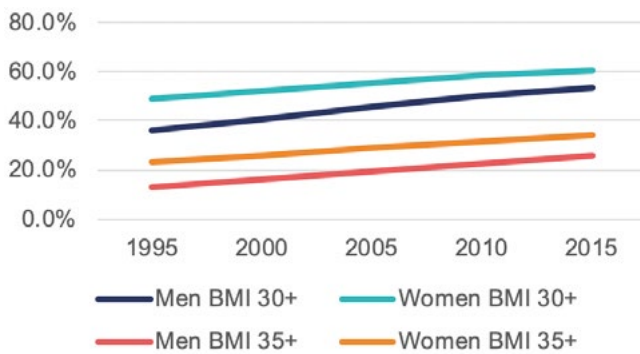**WORLD OBESITY**

Cook Islands

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	50.0	60.8	na
Women	58.4	65.0	na
Children 5-19	26.7	39.7	2.2

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	3.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	1.8% - rapid growth
Women	1.0% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	<0.1
Hypertension	0.6
Ischaemic heart disease	<0.1

Health coverage indicator

Diabetes deaths per 1000 cases	na

Health care costs attributed to obesity 2016

$US millions	2.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

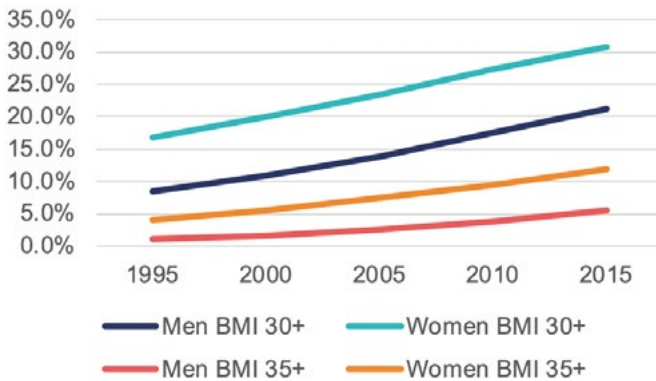**WORLD OBESITY**

Costa Rica

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	17.4	31.4	**601.6**
Women	27.2	39.6	**772.9**
Children 5-19	9.6	17.7	**196.7**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.5% - very rapid growth
Women	3.0% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**165.9**
Hypertension	**180.0**
Ischaemic heart disease	**8.3**

Health coverage indicator

Diabetes deaths per 1000 cases	5.2 - moderate availability

Health care costs attributed to obesity 2016

$US millions	564.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Cote D'Ivoire

Prevalence (%) of adults with obesity and severe obesity 1995-2015
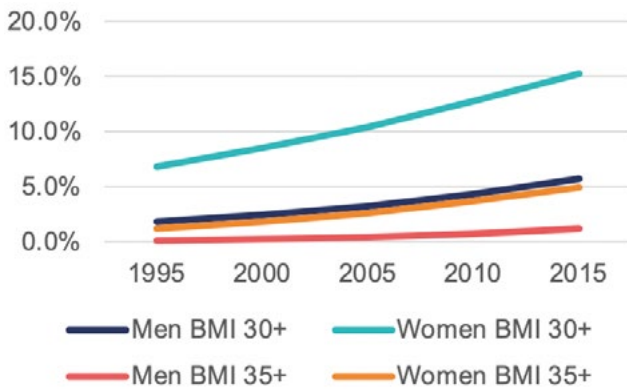
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	21.4	31.5	2228.9
Women	23.2	29.8	2054.1
Children 5-19	2.3	6.0	574.7

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.7% - very rapid growth
Women	4.0% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	111.5
Hypertension	843.2
Ischaemic heart disease	8

Health coverage indicator

Diabetes deaths per 1000 cases	21.9 - poor availability

Health care costs attributed to obesity 2016

$US millions	96.9

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Croatia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend: Men BMI 30+ — Women BMI 30+ — Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	21.4	31.5	492.3
Women	23.2	29.8	511.3
Children 5-19	8.2	15.9	96.3

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.7% - rapid growth
Women	1.5% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	99.2
Hypertension	305.4
Ischaemic heart disease	22.7

Health coverage indicator

Diabetes deaths per 1000 cases	7.3 - moderate availability

Health care costs attributed to obesity 2016

$US millions	441.2

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

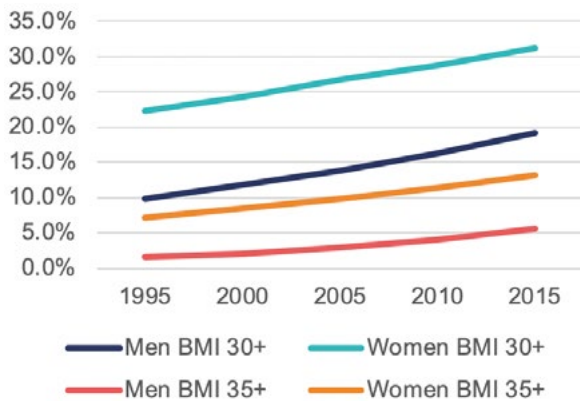**WORLD OBESITY**

Cuba

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	16.3	26.7	1213.2
Women	28.8	36.4	1663.8
Children 5-19	9.7	15.1	230.8

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.3% - very rapid growth
Women	1.7% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	532.9
Hypertension	465.6
Ischaemic heart disease	31

Health coverage indicator

Diabetes deaths per 1000 cases	7.5 - moderate availability

Health care costs attributed to obesity 2016

$US millions	1418.9

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Cyprus

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	19.9	28.0	**141.9**
Women	21.1	25.1	**122.9**
Children 5-19	11.2	14.5	**29.4**

Chance of meeting UN adult obesity targets for 2025

Men	2.0% - very poor chance
Women	11.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.5% - rapid growth
Women	1.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**43.1**
Hypertension	**49.7**
Ischaemic heart disease	**1.7**

Health coverage indicator

Diabetes deaths per 1000 cases	4.1 - good availability

Health care costs attributed to obesity 2016

$US millions	212.5

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
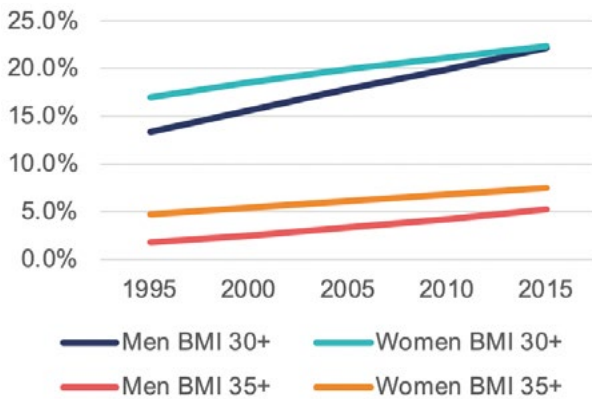Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Czech Republic / Czechia

Prevalence (%) of adults with obesity and severe obesity 1995-2015
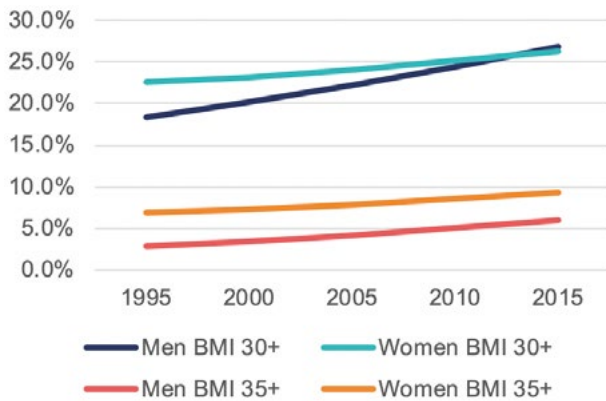
Legend: —Men BMI 30+ —Women BMI 30+ —Men BMI 35+ —Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	24.4	32.5	1329.5
Women	25.1	29.0	1250.4
Children 5-19	7.2	13.3	239.4

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	12.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	1.9% - rapid growth
Women	0.7% - moderate growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	384.7
Hypertension	668.4
Ischaemic heart disease	55

Health coverage indicator

Diabetes deaths per 1000 cases	6.9 - moderate availability

Health care costs attributed to obesity 2016

$US millions	1730.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

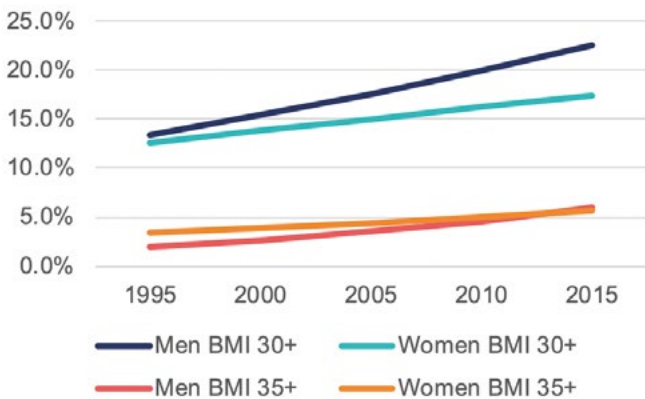**WORLD OBESITY**

Denmark

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	20.0	29.3	**663.9**
Women	16.2	20.5	**479.4**
Children 5-19	6.9	7.9	**78.7**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	6.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.6% - rapid growth
Women	1.6% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**174.8**
Hypertension	**254.2**
Ischaemic heart disease	**14.6**

Health coverage indicator

Diabetes deaths per 1000 cases	5.4 - moderate availability

Health care costs attributed to obesity 2016

$US millions	**3264.9**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

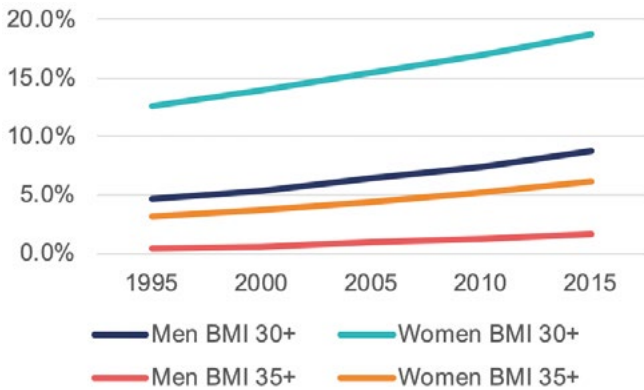**WORLD OBESITY**

Djibouti

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	7.4	12.4	**37.8**
Women	17.0	23.0	**70.6**
Children 5-19	4.2	7.1	**22.7**

Chance of meeting UN adult obesity targets for 2025

Men	3.0% - very poor chance
Women	3.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.2% - very rapid growth
Women	1.9% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**16.8**
Hypertension	**41.8**
Ischaemic heart disease	**0.8**

Health coverage indicator

Diabetes deaths per 1000 cases	**13 - poor availability**

Health care costs attributed to obesity 2016

$US millions	**4.7**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

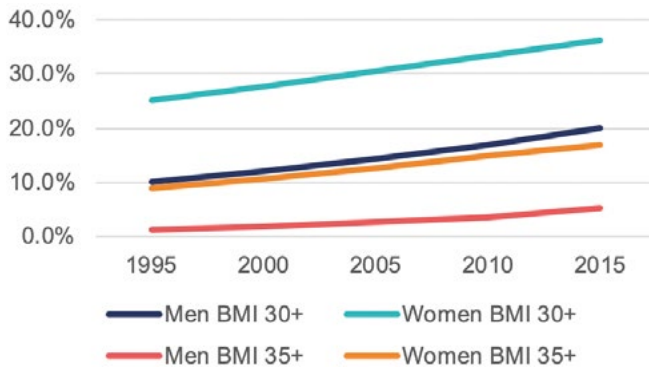**WORLD OBESITY**

Dominica

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	17.0	28.3	na
Women	33.4	42.9	na
Children 5-19	12.1	19.9	3.4

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.5% - very rapid growth
Women	1.8% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	2.9
Hypertension	2.6
Ischaemic heart disease	<0.1

Health coverage indicator

Diabetes deaths per 1000 cases	10.1 - poor availability

Health care costs attributed to obesity 2016

$US millions	4.3

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Dominican Republic

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	16.9	32.4	1194.5
Women	30.8	43.6	1672.9
Children 5-19	11.5	20.7	639.8

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.8% - very rapid growth
Women	2.7% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	272
Hypertension	389.0
Ischaemic heart disease	12.4

Health coverage indicator

Diabetes deaths per 1000 cases	11.8 - poor availability

Health care costs attributed to obesity 2016

$US millions	612.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
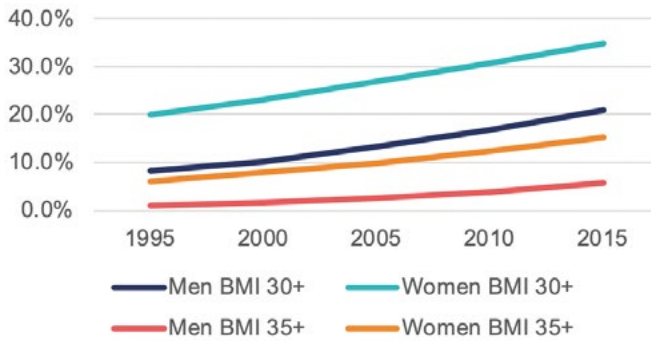Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

DR Congo

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend:
— Men BMI 30+ — Women BMI 30+
— Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.6	6.7	1570.5
Women	7.8	15.3	3674.6
Children 5-19	1.2	4.4	1555.9

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	6.2% - very rapid growth
Women	4.7% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	848.6
Hypertension	2725.1
Ischaemic heart disease	12

Health coverage indicator

Diabetes deaths per 1000 cases	15.7 - poor availability

Health care costs attributed to obesity 2016

$US millions	70.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
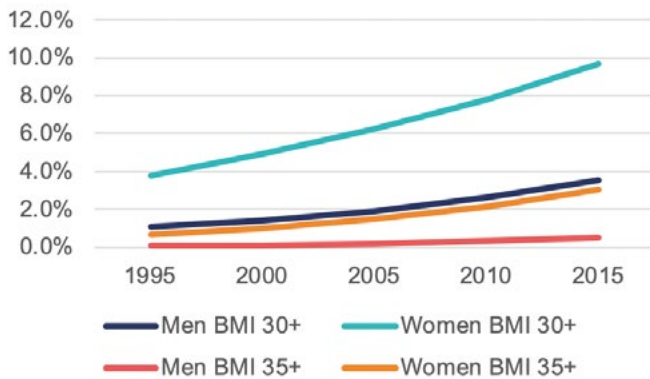Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

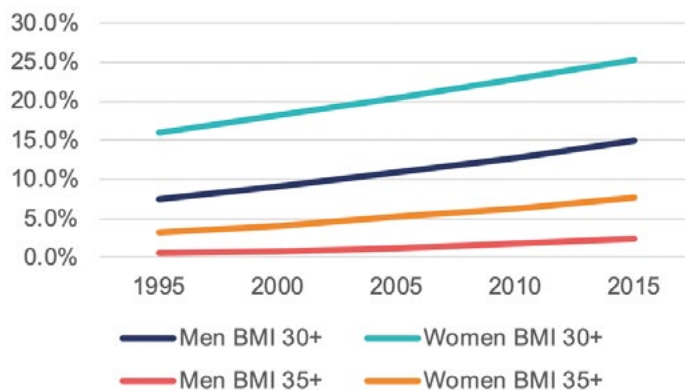WORLD OBESITY

Ecuador

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	12.8	21.0	**1253.7**
Women	22.8	30.9	**1895.4**
Children 5-19	7.2	13.3	**636.5**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.5% - very rapid growth
Women	2.2% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**272.1**
Hypertension	**511.4**
Ischaemic heart disease	**13.1**

Health coverage indicator

Diabetes deaths per 1000 cases	6.8 - moderate availability

Health care costs attributed to obesity 2016

$US millions	**844.4**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

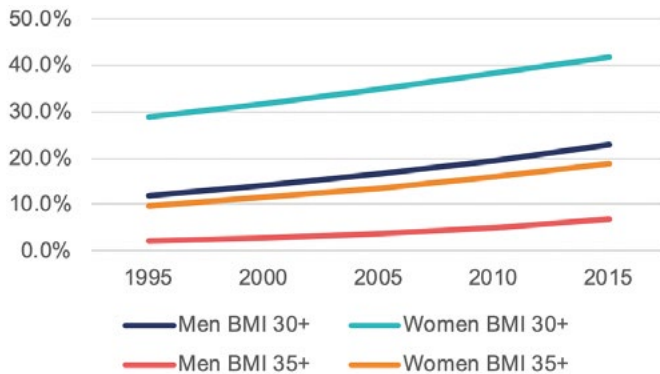**WORLD OBESITY**

Egypt

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	19.4	31.4	10038.5
Women	38.3	49.4	15875.6
Children 5-19	14.1	22.3	6105.5

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.3% - very rapid growth
Women	1.8% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	4159.6
Hypertension	3794.3
Ischaemic heart disease	107.9

Health coverage indicator

Diabetes deaths per 1000 cases	8.6 - moderate availability

Health care costs attributed to obesity 2016

$US millions	1962.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

El Salvador

Prevalence (%) of adults with obesity and severe obesity 1995-2015
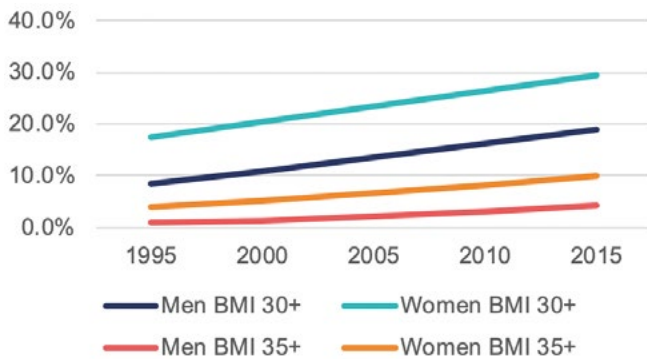
Men BMI 30+   Women BMI 30+
Men BMI 35+   Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	16.2	26.6	**514.4**
Women	26.5	36.5	**879.2**
Children 5-19	9.4	16.3	**291.6**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.0% - very rapid growth
Women	2.6% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**162.7**
Hypertension	**205.4**
Ischaemic heart disease	**7.1**

Health coverage indicator

Diabetes deaths per 1000 cases	8.4 - moderate availability

Health care costs attributed to obesity 2016

$US millions	**223.9**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

7/10
HIGH RISK

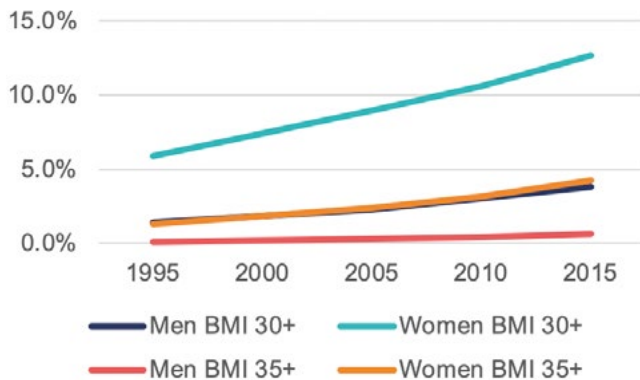# Equatorial Guinea

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	3.0	6.4	**19.2**
Women	10.6	18.4	**51.3**
Children 5-19	1.3	4.3	**15.1**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.1% - very rapid growth
Women	3.9% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**18.7**
Hypertension	**52.0**
Ischaemic heart disease	**0.2**

Health coverage indicator

Diabetes deaths per 1000 cases	12.3 - poor availability

Health care costs attributed to obesity 2016

$US millions	15.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Eritrea

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	1.5	3.8	**62.4**
Women	5.9	12.4	**208**
Children 5-19	1.1	4.4	**146.3**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.7% - very rapid growth
Women	5.0% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**45.5**
Hypertension	**133.9**
Ischaemic heart disease	**1.5**

Health coverage indicator

Diabetes deaths per 1000 cases	15.1 - poor availability

Health care costs attributed to obesity 2016

$US millions	4.8

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

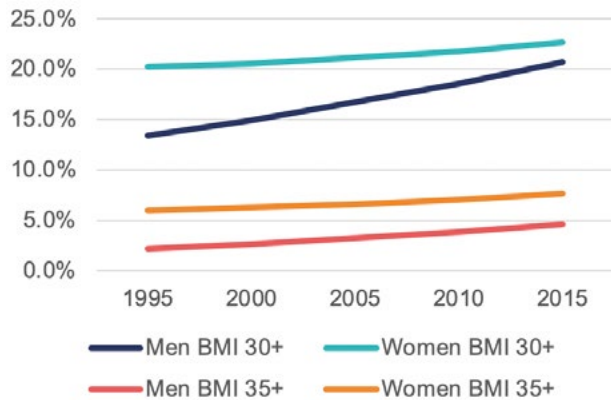**WORLD OBESITY**

Estonia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	18.6	25.6	**116.9**
Women	21.8	24.5	**130.3**
Children 5-19	4.7	8.8	**18.4**

Chance of meeting UN adult obesity targets for 2025

Men	**2.0% - very poor chance**
Women	**20.0% - very poor chance**

Rate of increase in adult obesity in two decades 1995-2015

Men	**2.2% - rapid growth**
Women	**0.5% - moderate growth**

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**27.5**
Hypertension	**80.3**
Ischaemic heart disease	**7.1**

Health coverage indicator

Diabetes deaths per 1000 cases	**9.6 - moderate availability**

Health care costs attributed to obesity 2016

$US millions	**164.2**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Ethiopia

Prevalence (%) of adults with obesity and severe obesity 1995-2015
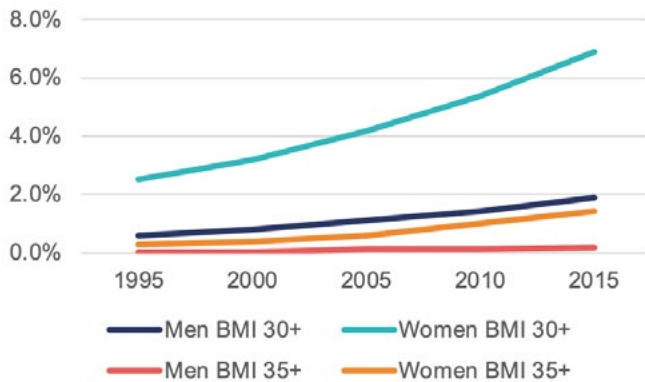
Men BMI 30+ — Women BMI 30+
Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	1.4	3.6	1174.6
Women	5.4	11.6	3887.6
Children 5-19	0.5	2.7	1182.2

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.8% - very rapid growth
Women	5.2% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	798.7
Hypertension	4093.3
Ischaemic heart disease	75.4

Health coverage indicator

Diabetes deaths per 1000 cases	13.6 - poor availability

Health care costs attributed to obesity 2016

$US millions	89.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Fiji

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	21.9	33.8	101.4
Women	33.2	42.2	127
Children 5-19	8.9	15.6	39.1

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.2% - very rapid growth
Women	1.9% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	40.8
Hypertension	32.8
Ischaemic heart disease	0.6

Health coverage indicator

Diabetes deaths per 1000 cases	9.9 - moderate availability

Health care costs attributed to obesity 2016

$US millions	23

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Finland

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend: Men BMI 30+ — Women BMI 30+ — Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	21.7	30.4	658.1
Women	19.8	24.6	554.7
Children 5-19	8.1	10.8	101.4

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	5.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.4% - rapid growth
Women	1.6% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	175.7
Hypertension	233.6
Ischaemic heart disease	15.3

Health coverage indicator

Diabetes deaths per 1000 cases	5.4 - moderate availability

Health care costs attributed to obesity 2016

$US millions	2519.9

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

France

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	19.9	28.6	7041.6
Women	20.3	25.0	6641.5
Children 5-19	7.1	10.0	1205.9

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	7.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.5% - rapid growth
Women	1.5% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	1635.6
Hypertension	3020.6
Ischaemic heart disease	110.2

Health coverage indicator

Diabetes deaths per 1000 cases	5.3 - moderate availability

Health care costs attributed to obesity 2016

$US millions	30372.7

na = data not available
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Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

French Polynesia

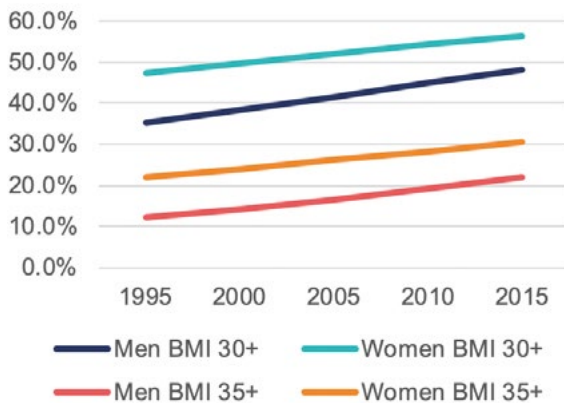**Prevalence (%) of adults with obesity and severe obesity 1995-2015**

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	44.9	55.6	**62.2**
Women	54.3	61.1	**67.2**
Children 5-19	23.3	35.5	na

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	4.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	1.5% - rapid growth
Women	0.8% - moderate growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	18.5
Hypertension	<0.1
Ischaemic heart disease	na

Health coverage indicator

Diabetes deaths per 1000 cases	na

Health care costs attributed to obesity 2016

$US millions	na

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
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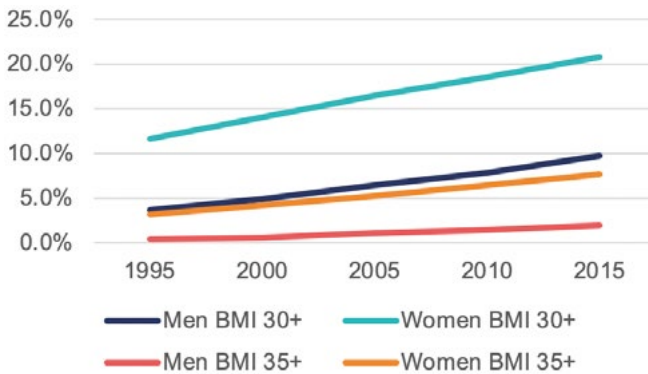**WORLD OBESITY**

Gabon

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	7.9	14.8	**88**
Women	18.6	26.1	**150.5**
Children 5-19	3.1	6.1	**45.5**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.0% - very rapid growth
Women	2.8% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**37.5**
Hypertension	**78.0**
Ischaemic heart disease	**0.5**

Health coverage indicator

Diabetes deaths per 1000 cases	**11.5 - poor availability**

Health care costs attributed to obesity 2016

$US millions	**33.8**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Gambia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend: Men BMI 30+, Women BMI 30+, Men BMI 35+, Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	4.2	10.3	**60.3**
Women	12.4	21.8	**136**
Children 5-19	1.8	4.9	**51.5**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	6.5% - very rapid growth
Women	4.5% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	7.3
Hypertension	78.3
Ischaemic heart disease	0.7

Health coverage indicator

Diabetes deaths per 1000 cases	12.3 - poor availability

Health care costs attributed to obesity 2016

$US millions	2.5

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
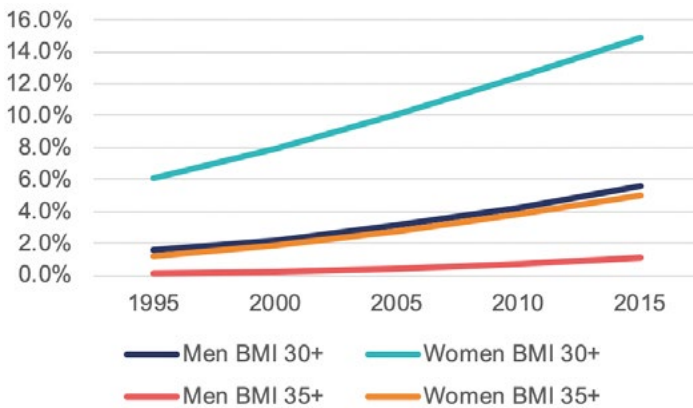Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Georgia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	16.1	27.5	**379.2**
Women	21.2	31.3	**495.7**
Children 5-19	4.6	10.4	**82.3**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.3% - very rapid growth
Women	2.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**93**
Hypertension	**221.6**
Ischaemic heart disease	**20.1**

Health coverage indicator

Diabetes deaths per 1000 cases	**14.5 - poor availability**

Health care costs attributed to obesity 2016

$US millions	**132.6**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Germany

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	21.9	31.1	10044.6
Women	19.5	24.7	8333
Children 5-19	7.9	11.1	1185.7

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	3.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.4% - rapid growth
Women	1.6% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	4469.9
Hypertension	3735.2
Ischaemic heart disease	250.9

Health coverage indicator

Diabetes deaths per 1000 cases	5.2 - moderate availability

Health care costs attributed to obesity 2016

$US millions	42469.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

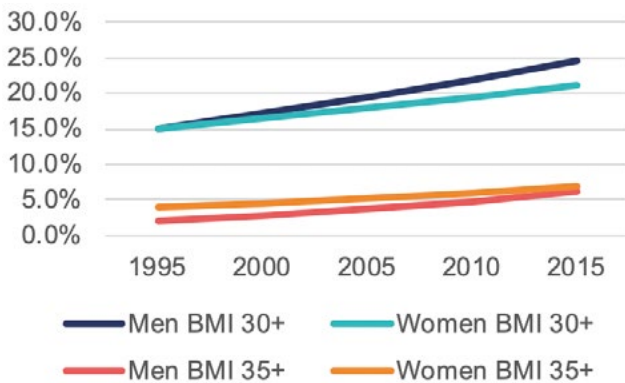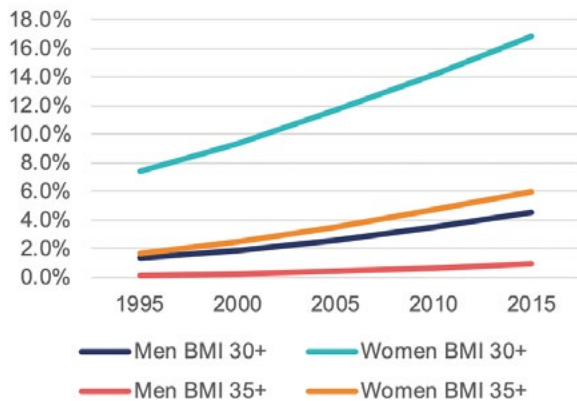## WORLD OBESITY

Ghana

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	3.5	7.9	**694.6**
Women	14.2	23.6	**2157.2**
Children 5-19	1.4	3.6	**400.8**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	6.0% - very rapid growth
Women	4.1% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**132.1**
Hypertension	**975.5**
Ischaemic heart disease	**15.7**

Health coverage indicator

Diabetes deaths per 1000 cases	19.2 - poor availability

Health care costs attributed to obesity 2016

$US millions	117.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Greece

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend:
- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	21.7	31.8	1337.1
Women	24.7	29.6	1342.3
Children 5-19	12.0	16.7	269.5

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	8.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.6% - rapid growth
Women	1.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	288.5
Hypertension	457.4
Ischaemic heart disease	28

Health coverage indicator

Diabetes deaths per 1000 cases	5.2 - moderate availability

Health care costs attributed to obesity 2016

$US millions	2064.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
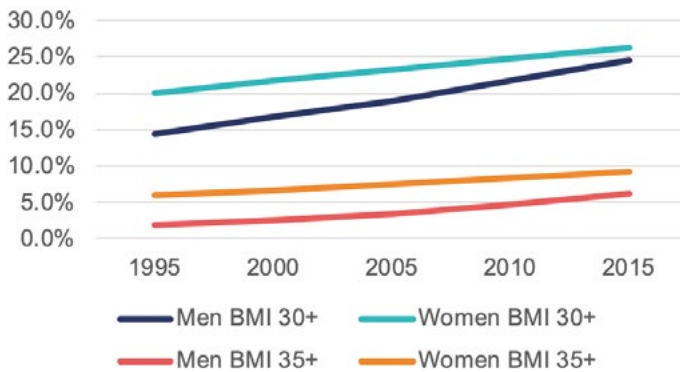Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Greenland

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Men BMI 30+ ▬▬ Women BMI 30+ ▬▬
Men BMI 35+ ▬▬ Women BMI 35+ ▬▬

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	21.2	31.3	na
Women	20.7	26.4	na
Children 5-19	8.0	10.8	na

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	3.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.7% - rapid growth
Women	1.7% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	0.6
Hypertension	<0.1
Ischaemic heart disease	na

Health coverage indicator

Diabetes deaths per 1000 cases	na

Health care costs attributed to obesity 2016

$US millions	na

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
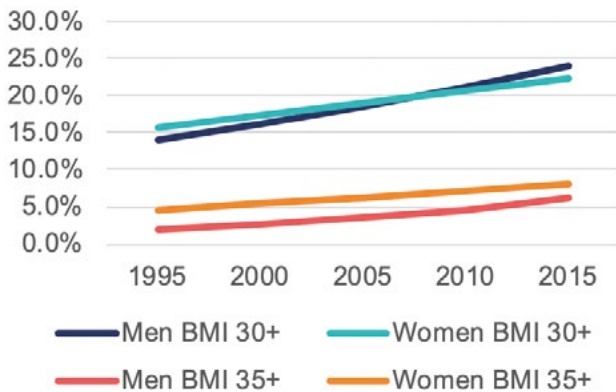Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Grenada

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend:
— Men BMI 30+ — Women BMI 30+
— Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	11.1	20.0	**7.4**
Women	26.3	37.2	**13.7**
Children 5-19	7.7	16.0	**4.4**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.2% - very rapid growth
Women	2.7% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**3.1**
Hypertension	**5.2**
Ischaemic heart disease	**0.1**

Health coverage indicator

Diabetes deaths per 1000 cases	14.3 - poor availability

Health care costs attributed to obesity 2016

$US millions	6.1

na = data not available
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Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

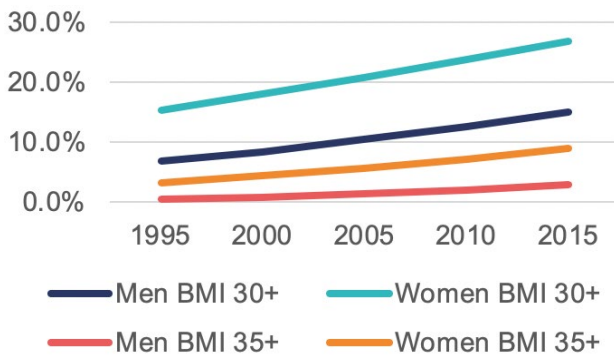**WORLD OBESITY**

Guatemala

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	12.6	22.1	**1194.7**
Women	23.7	34.3	**2040.8**
Children 5-19	7.2	14.4	**1000**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.0% - very rapid growth
Women	2.7% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	367.6
Hypertension	523.2
Ischaemic heart disease	8.8

Health coverage indicator

Diabetes deaths per 1000 cases	9.4 - moderate availability

Health care costs attributed to obesity 2016

$US millions	432

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Guinea

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.8	6.7	**268.5**
Women	9.4	17.6	**703.6**
Children 5-19	1.0	3.3	**188.4**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.7% - very rapid growth
Women	4.4% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**59.9**
Hypertension	**435.4**
Ischaemic heart disease	**4.9**

Health coverage indicator

Diabetes deaths per 1000 cases	16.2 - poor availability

Health care costs attributed to obesity 2016

$US millions	22.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
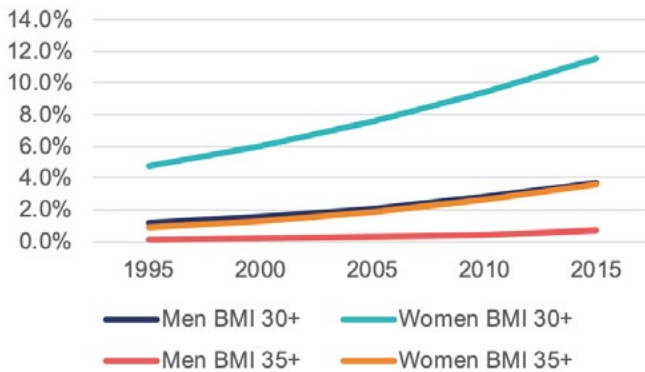Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Guinea-Bissau

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Men BMI 30+ — Women BMI 30+
Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	3.7	9.5	**55**
Women	11.2	20.9	**124.3**
Children 5-19	1.4	4.5	**36.5**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	6.7% - very rapid growth
Women	4.9% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**8.7**
Hypertension	**70.8**
Ischaemic heart disease	**0.7**

Health coverage indicator

Diabetes deaths per 1000 cases	19.5 - poor availability

Health care costs attributed to obesity 2016

$US millions	4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Guyana

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend:
— Men BMI 30+   — Women BMI 30+
— Men BMI 35+   — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	10.2	20.2	**54.5**
Women	24.1	35.5	**93.7**
Children 5-19	6.9	15.7	**36.6**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.4% - very rapid growth
Women	2.7% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**23.6**
Hypertension	**30.1**
Ischaemic heart disease	**0.7**

Health coverage indicator

Diabetes deaths per 1000 cases	17.8 - poor availability

Health care costs attributed to obesity 2016

$US millions	**15.7**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

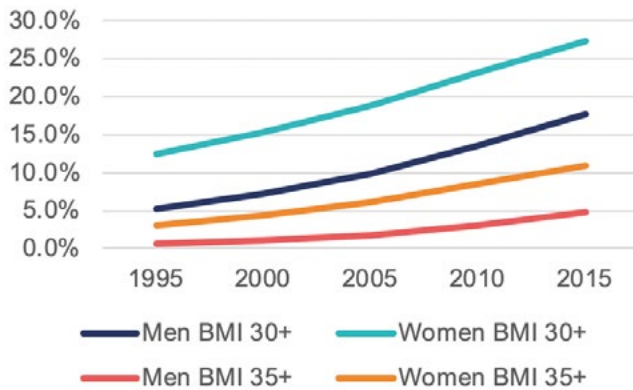**WORLD OBESITY**

Haiti

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	13.5	30.8	1081.6
Women	23.1	37.7	1405
Children 5-19	7.3	17.4	625.2

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	6.1% - very rapid growth
Women	3.9% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	171.8
Hypertension	414.1
Ischaemic heart disease	5.6

Health coverage indicator

Diabetes deaths per 1000 cases	15.4 - poor availability

Health care costs attributed to obesity 2016

$US millions	48

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
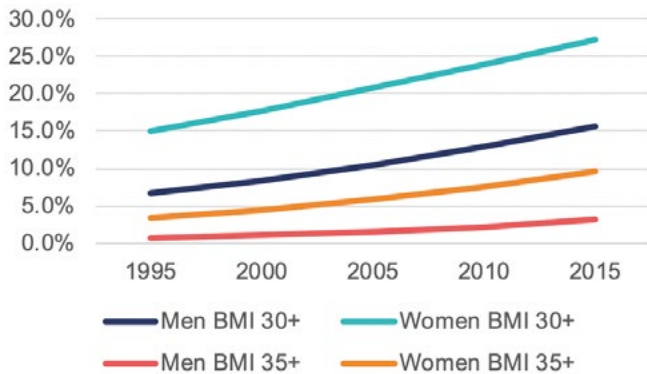Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Honduras

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	12.9	23.3	**684.3**
Women	23.9	35.4	**1065.5**
Children 5-19	7.0	14.3	**427.9**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.3% - very rapid growth
Women	2.9% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**159.4**
Hypertension	**310.0**
Ischaemic heart disease	**6.3**

Health coverage indicator

Diabetes deaths per 1000 cases	5.6 - moderate availability

Health care costs attributed to obesity 2016

$US millions	199.8

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Hungary

Prevalence (%) of adults with obesity and severe obesity 1995-2015
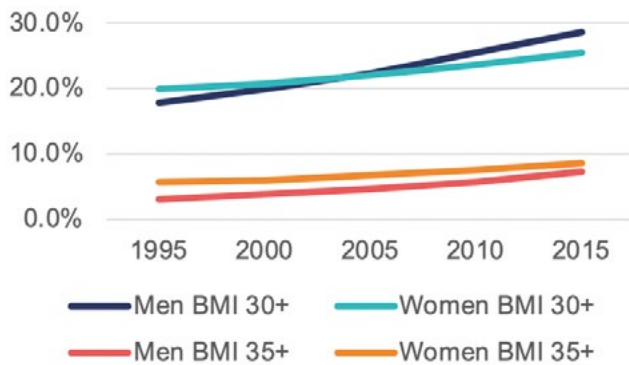
Men BMI 30+ — Women BMI 30+
Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	25.3	36.0	1291.6
Women	23.5	29.4	1191.2
Children 5-19	8.2	16.2	239.6

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	4.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.3% - rapid growth
Women	1.2% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	321.7
Hypertension	659.6
Ischaemic heart disease	53.6

Health coverage indicator

Diabetes deaths per 1000 cases	12.1 - poor availability

Health care costs attributed to obesity 2016

$US millions	1139.1

na = data not available
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Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Iceland

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend:
- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	21.9	31.5	**41.5**
Women	18.8	22.8	**30**
Children 5-19	9.2	11.1	**8.1**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	8.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.5% - rapid growth
Women	1.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**8.5**
Hypertension	**13.4**
Ischaemic heart disease	**0.5**

Health coverage indicator

Diabetes deaths per 1000 cases	3.7 - good availability

Health care costs attributed to obesity 2016

$US millions	189.1

na = data not available
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Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

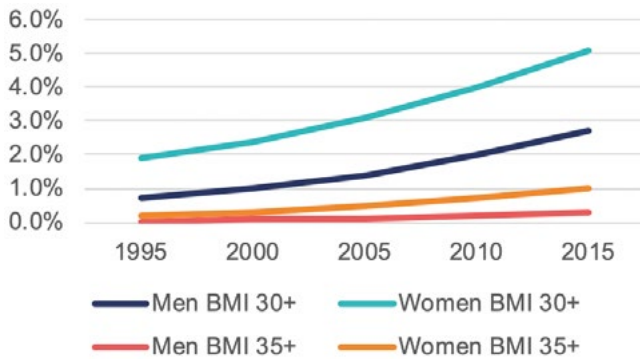**WORLD OBESITY**

India

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.0	5.3	26321.8
Women	4.0	8.4	39604.7
Children 5-19	0.9	5.1	18294

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	6.7% - very rapid growth
Women	5.1% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	36192.6
Hypertension	59973.5
Ischaemic heart disease	1720.2

Health coverage indicator

Diabetes deaths per 1000 cases	13.1 - poor availability

Health care costs attributed to obesity 2016

$US millions	2310.8

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
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Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org
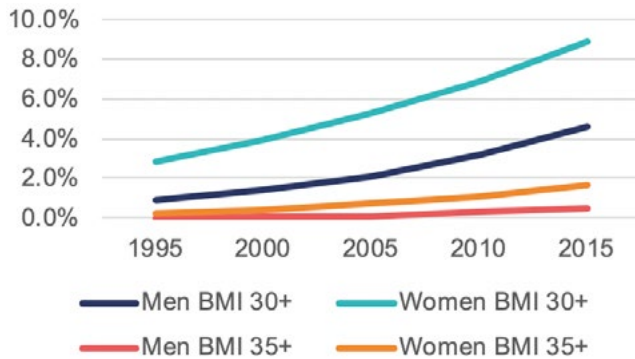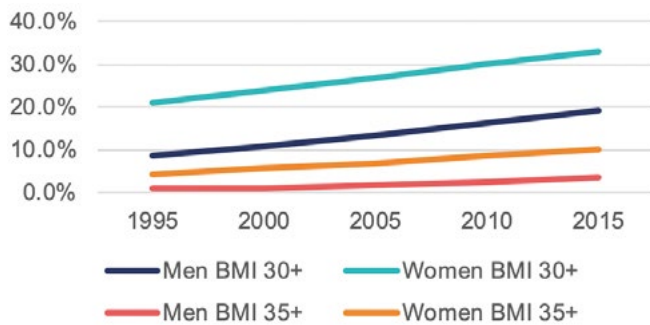
WORLD OBESITY

7.5/10
HIGH RISK

Indonesia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	3.2	10.0	9457.8
Women	6.9	14.8	14149
Children 5-19	3.9	10.7	7313.1

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	8.7% - very rapid growth
Women	5.8% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	5020.2
Hypertension	11147.5
Ischaemic heart disease	282.7

Health coverage indicator

Diabetes deaths per 1000 cases	10.8 - poor availability

Health care costs attributed to obesity 2016

$US millions	1247.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Iran

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	16.1	27.6	8526.7
Women	29.9	39.7	12306.2
Children 5-19	7.8	13.1	2683.6

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.1% - very rapid growth
Women	2.2% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	2531.9
Hypertension	3030.0
Ischaemic heart disease	128.1

Health coverage indicator

Diabetes deaths per 1000 cases	6.1 - moderate availability

Health care costs attributed to obesity 2016

$US millions	4040.8

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Iraq

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	20.5	31.7	**3827.4**
Women	35.0	43.9	**5300**
Children 5-19	11.6	18.6	**2863.1**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.7% - rapid growth
Women	1.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**707.3**
Hypertension	**1298.3**
Ischaemic heart disease	**25.6**

Health coverage indicator

Diabetes deaths per 1000 cases	10.4 - poor availability

Health care costs attributed to obesity 2016

$US millions	820.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
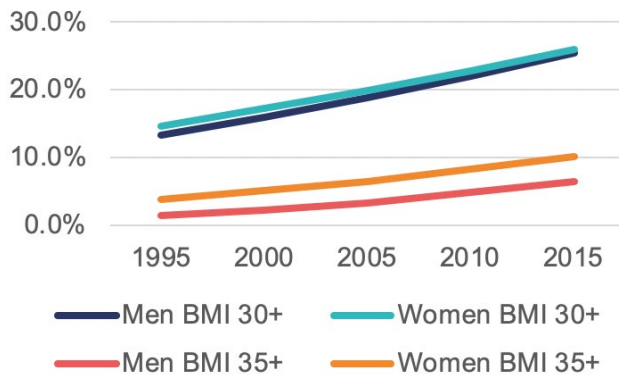Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

7.5/10
HIGH RISK

Ireland

Prevalence (%) of adults with obesity and severe obesity 1995-2015

— Men BMI 30+   — Women BMI 30+
— Men BMI 35+   — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	22.0	34.0	**624.9**
Women	22.9	33.4	**628.5**
Children 5-19	8.1	12.4	**131.4**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.2% - very rapid growth
Women	2.8% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**69.6**
Hypertension	**187.0**
Ischaemic heart disease	**6.7**

Health coverage indicator

Diabetes deaths per 1000 cases	4.7 - good availability

Health care costs attributed to obesity 2016

$US millions	2862.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

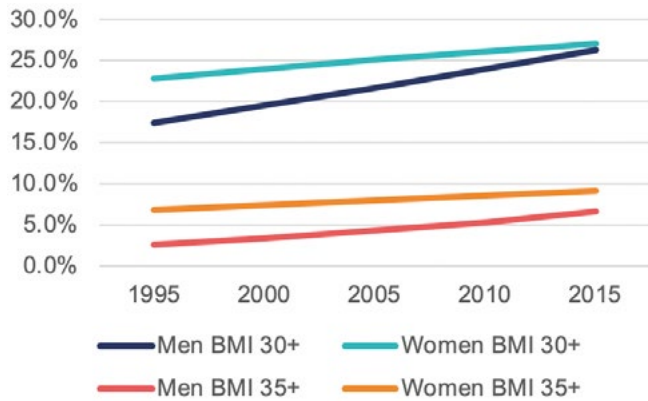# WORLD OBESITY

Israel

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	24.0	32.2	**971.4**
Women	26.1	29.4	**916.1**
Children 5-19	11.0	12.8	**297.9**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	17.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.0% - rapid growth
Women	0.8% - moderate growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**302.8**
Hypertension	**242.5**
Ischaemic heart disease	**9.5**

Health coverage indicator

Diabetes deaths per 1000 cases	4 - good availability

Health care costs attributed to obesity 2016

$US millions	**2955.1**

na = data not available
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Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
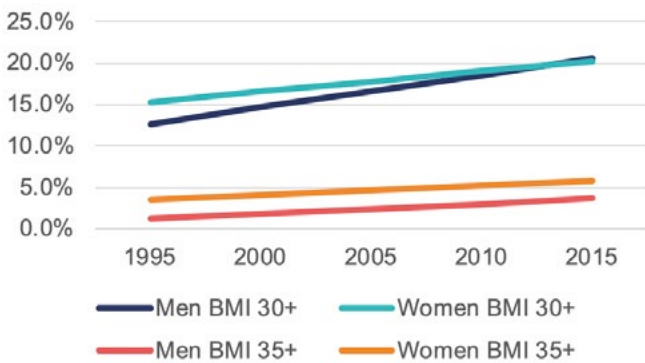For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Italy

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	18.5	25.5	6035.5
Women	19.0	22.9	5821.1
Children 5-19	11.4	14.5	1234.7

Chance of meeting UN adult obesity targets for 2025

Men	2.0% - very poor chance
Women	9.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.4% - rapid growth
Women	1.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	1724.6
Hypertension	2942.3
Ischaemic heart disease	156.8

Health coverage indicator

Diabetes deaths per 1000 cases	4.2 - good availability

Health care costs attributed to obesity 2016

$US millions	16502

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
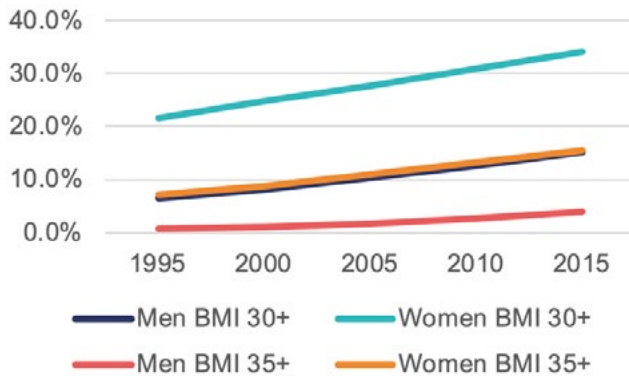For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Jamaica

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	12.5	23.5	**234.2**
Women	30.9	41.3	**426.6**
Children 5-19	10.0	18.6	**130.7**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.3% - very rapid growth
Women	2.2% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**106.4**
Hypertension	**117.9**
Ischaemic heart disease	**3.8**

Health coverage indicator

Diabetes deaths per 1000 cases	9.7 - moderate availability

Health care costs attributed to obesity 2016

$US millions	108.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Japan

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	3.6	8.4	4112.6
Women	3.3	5.2	2767.3
Children 5-19	3.3	3.6	567.7

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.7% - very rapid growth
Women	2.8% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	3473.5
Hypertension	5190.6
Ischaemic heart disease	274.8

Health coverage indicator

Diabetes deaths per 1000 cases	9.6 - moderate availability

Health care costs attributed to obesity 2016

$US millions	18682

na = data not available
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Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

7.5/10
HIGH RISK

Jordan

Prevalence (%) of adults with obesity and severe obesity 1995-2015
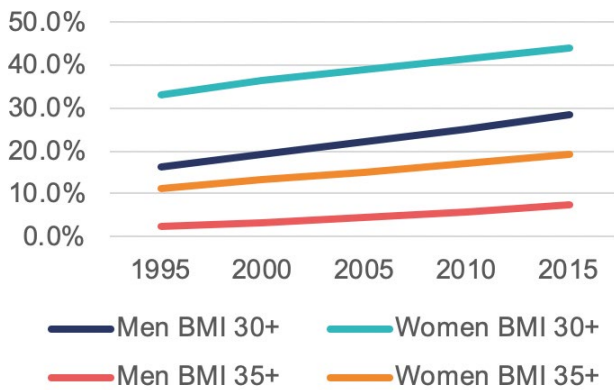
Men BMI 30+   Women BMI 30+
Men BMI 35+   Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	25.1	36.7	942.4
Women	41.4	49.7	1212.1
Children 5-19	10.7	16.2	443.9

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.8% - rapid growth
Women	1.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	255.7
Hypertension	305.9
Ischaemic heart disease	7.8

Health coverage indicator

Diabetes deaths per 1000 cases	6 - moderate availability

Health care costs attributed to obesity 2016

$US millions	359.8

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Kazakhstan

Prevalence (%) of adults with obesity and severe obesity 1995-2015
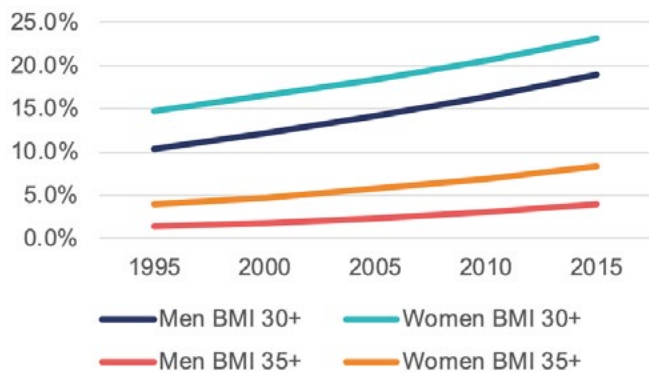
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	16.3	25.7	1489
Women	20.6	29.0	1931.4
Children 5-19	4.6	9.5	453.7

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.0% - rapid growth
Women	2.2% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	345.5
Hypertension	901.6
Ischaemic heart disease	57

Health coverage indicator

Diabetes deaths per 1000 cases	12.7 - poor availability

Health care costs attributed to obesity 2016

$US millions	495.8

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Kenya

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.1	5.3	782.4
Women	8.9	17.5	2634.6
Children 5-19	1.3	4.5	969.7

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.8% - very rapid growth
Women	4.9% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	259.6
Hypertension	1760.1
Ischaemic heart disease	23.7

Health coverage indicator

Diabetes deaths per 1000 cases	14.6 - poor availability

Health care costs attributed to obesity 2016

$US millions	138

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Kiribati

Prevalence (%) of adults with obesity and severe obesity 1995-2015
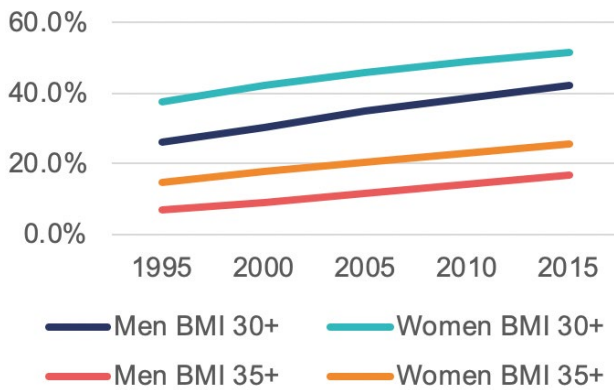
- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	38.5	50.6	**17.7**
Women	48.7	57.2	**21.7**
Children 5-19	17.7	31.1	**9.5**

Chance of meeting UN adult obesity targets for 2025

Men	**0.0% - very poor chance**
Women	**2.0% - very poor chance**

Rate of increase in adult obesity in two decades 1995-2015

Men	**2.4% - rapid growth**
Women	**1.5% - rapid growth**

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**6.5**
Hypertension	**3.7**
Ischaemic heart disease	**<0.1**

Health coverage indicator

Diabetes deaths per 1000 cases	**8 - moderate availability**

Health care costs attributed to obesity 2016

$US millions	**4.8**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

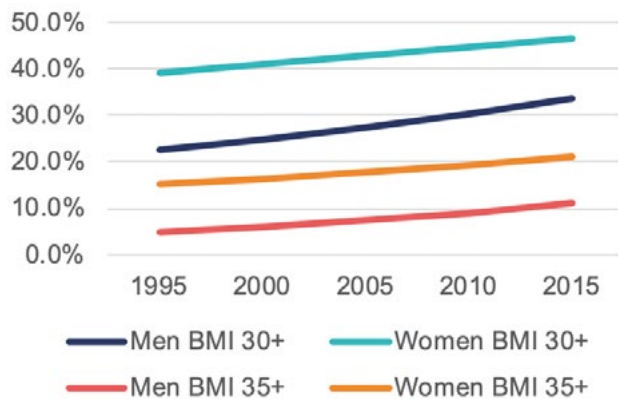**WORLD OBESITY**

Kuwait

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	30.4	41.2	**790.2**
Women	44.6	51.0	**708.9**
Children 5-19	21.1	25.3	**252**

Chance of meeting UN adult obesity targets for 2025

Men	**0.0% - very poor chance**
Women	**4.0% - very poor chance**

Rate of increase in adult obesity in two decades 1995-2015

Men	**2.0% - rapid growth**
Women	**0.8% - moderate growth**

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**320.1**
Hypertension	**191.3**
Ischaemic heart disease	**3.7**

Health coverage indicator

Diabetes deaths per 1000 cases	**2.4 - good availability**

Health care costs attributed to obesity 2016

$US millions	**790.8**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Kyrgyzstan

Prevalence (%) of adults with obesity and severe obesity 1995-2015
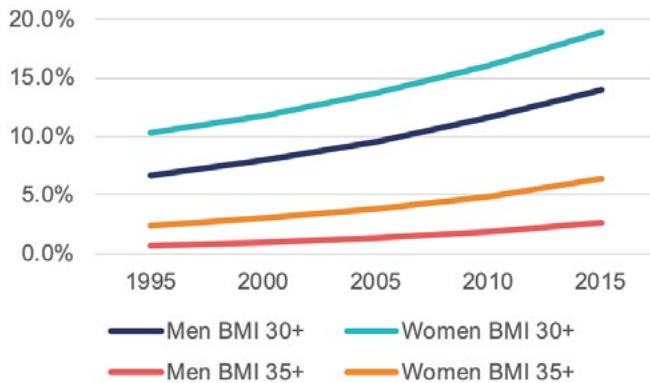
Men BMI 30+ Women BMI 30+
Men BMI 35+ Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	11.6	20.8	**403.5**
Women	16.1	25.9	**539.7**
Children 5-19	2.4	6.6	**135.1**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.7% - very rapid growth
Women	3.0% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**92.9**
Hypertension	**271.1**
Ischaemic heart disease	**11.3**

Health coverage indicator

Diabetes deaths per 1000 cases	11.4 - poor availability

Health care costs attributed to obesity 2016

$US millions	38.3

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
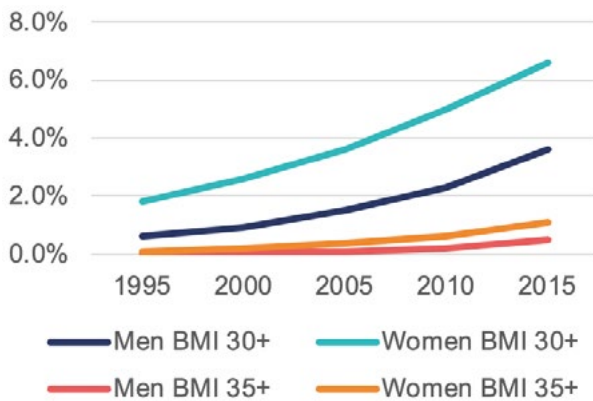Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Lao PDR

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.3	8.9	**205**
Women	5.0	12.3	**292.1**
Children 5-19	2.5	9.7	**249.2**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	9.4% - very rapid growth
Women	6.5% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**90**
Hypertension	**268.1**
Ischaemic heart disease	**3.7**

Health coverage indicator

Diabetes deaths per 1000 cases	19.3 - poor availability

Health care costs attributed to obesity 2016

$US millions	**13.5**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Latvia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	19.6	27.4	181.3
Women	25.1	28.2	228.4
Children 5-19	5.4	9.6	31.6

Chance of meeting UN adult obesity targets for 2025

Men	2.0% - very poor chance
Women	20.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.2% - rapid growth
Women	0.6% - moderate growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	49
Hypertension	131.0
Ischaemic heart disease	11.2

Health coverage indicator

Diabetes deaths per 1000 cases	10.2 - poor availability

Health care costs attributed to obesity 2016

$US millions	196.8

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Lebanon

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	24.6	35.4	710.8
Women	35.6	43.1	857.6
Children 5-19	12.5	17.6	163

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.5% - rapid growth
Women	1.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	249
Hypertension	248.7
Ischaemic heart disease	10.1

Health coverage indicator

Diabetes deaths per 1000 cases	9.5 - moderate availability

Health care costs attributed to obesity 2016

$US millions	600.9

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
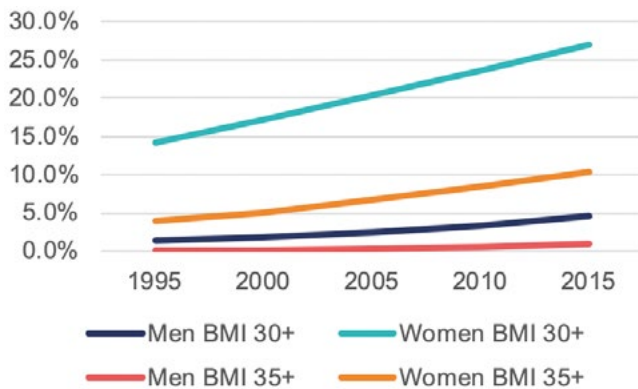For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Lesotho

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	3.4	8.6	**55.6**
Women	23.6	35.2	**229.8**
Children 5-19	2.7	10.4	**79.7**

Chance of meeting UN adult obesity targets for 2025

Men	**0.0% - very poor chance**
Women	**0.0% - very poor chance**

Rate of increase in adult obesity in two decades 1995-2015

Men	**6.3% - very rapid growth**
Women	**3.2% - very rapid growth**

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**19.3**
Hypertension	**95.0**
Ischaemic heart disease	**1.2**

Health coverage indicator

Diabetes deaths per 1000 cases	**40.5 - poor availability**

Health care costs attributed to obesity 2016

$US millions	**15.8**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Liberia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	4.3	9.3	133.8
Women	12.1	20.4	293.3
Children 5-19	1.2	3.3	69.1

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.9% - very rapid growth
Women	2.9% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	22.6
Hypertension	172.9
Ischaemic heart disease	2.1

Health coverage indicator

Diabetes deaths per 1000 cases	15.6 - poor availability

Health care costs attributed to obesity 2016

$US millions	18.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Libya

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	22.0	33.1	762.6
Women	37.8	46.4	1089.4
Children 5-19	12.0	18.1	335.2

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.7% - rapid growth
Women	1.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	190.3
Hypertension	270.9
Ischaemic heart disease	7.2

Health coverage indicator

Diabetes deaths per 1000 cases	6.8 - moderate availability

Health care costs attributed to obesity 2016

$US millions	na

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Lithuania

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend:
- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	22.2	30.2	**288.7**
Women	27.7	31.1	**369.7**
Children 5-19	5.3	9.6	**47.3**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	18.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.1% - rapid growth
Women	0.6% - moderate growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**53.7**
Hypertension	**189.7**
Ischaemic heart disease	**18.5**

Health coverage indicator

Diabetes deaths per 1000 cases	11.7 - poor availability

Health care costs attributed to obesity 2016

$US millions	357.2

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
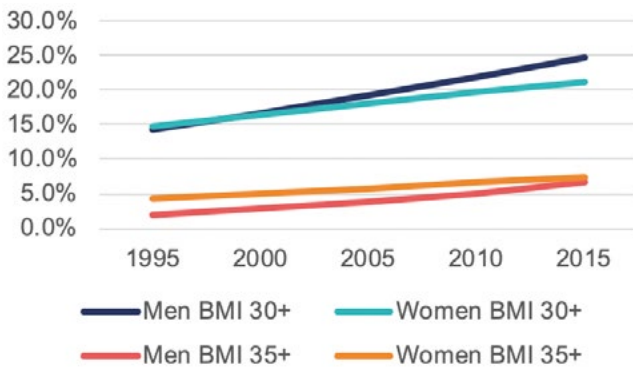For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Luxembourg

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	21.9	32.3	**80.7**
Women	19.7	25.1	**62.7**
Children 5-19	7.5	10.1	**10.5**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	4.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.8% - rapid growth
Women	1.8% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**13.4**
Hypertension	**27.6**
Ischaemic heart disease	**0.9**

Health coverage indicator

Diabetes deaths per 1000 cases	4.4 - good availability

Health care costs attributed to obesity 2016

$US millions	414.9

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

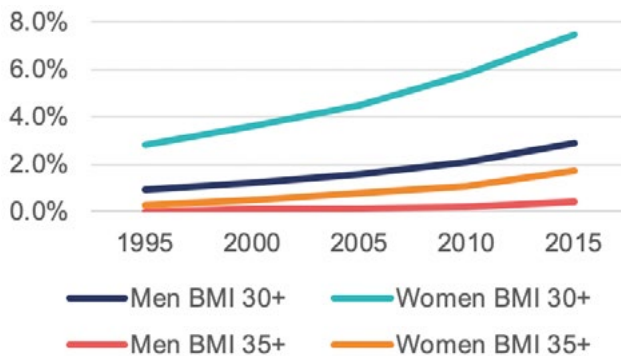**WORLD OBESITY**

Madagascar

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.1	5.8	**456.4**
Women	5.8	12.5	**1009**
Children 5-19	0.9	3.9	**458.9**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	6.0% - very rapid growth
Women	5.1% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**220.3**
Hypertension	**931.5**
Ischaemic heart disease	**15.6**

Health coverage indicator

Diabetes deaths per 1000 cases	12.2 - poor availability

Health care costs attributed to obesity 2016

$US millions	21.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
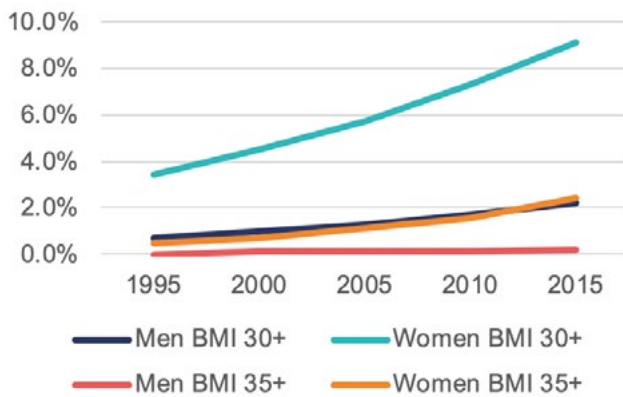Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Malawi

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	1.7	4.0	213.6
Women	7.3	14.6	791.1
Children 5-19	1.1	4.1	362.2

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.6% - very rapid growth
Women	5.0% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	126.2
Hypertension	614.2
Ischaemic heart disease	7.9

Health coverage indicator

Diabetes deaths per 1000 cases	28.2 - poor availability

Health care costs attributed to obesity 2016

$US millions	20.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
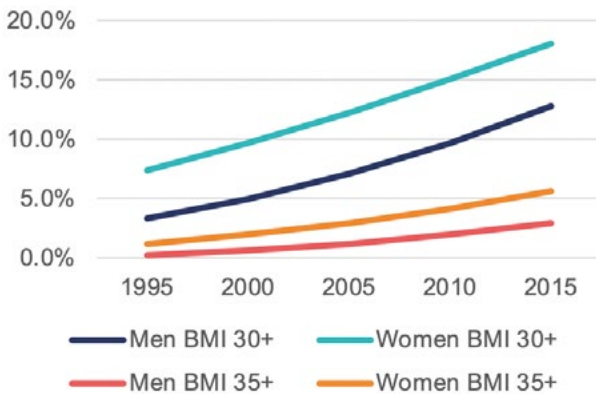Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Malaysia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	9.7	22.0	2605
Women	15.1	26.1	3241.8
Children 5-19	9.7	18.5	1466

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	6.8% - very rapid growth
Women	4.4% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	1716.7
Hypertension	1301.4
Ischaemic heart disease	36.2

Health coverage indicator

Diabetes deaths per 1000 cases	6.1 - moderate availability

Health care costs attributed to obesity 2016

$US millions	907.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

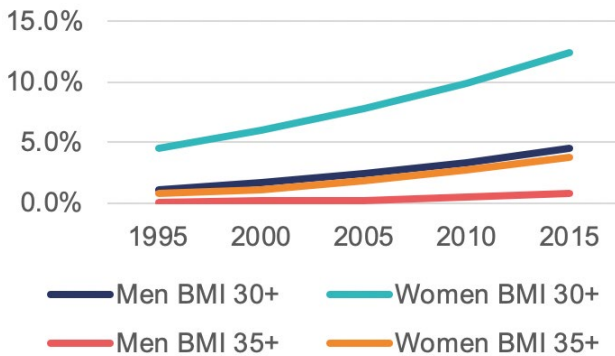**WORLD OBESITY**

Maldives

Prevalence (%) of adults with obesity and severe obesity 1995-2015
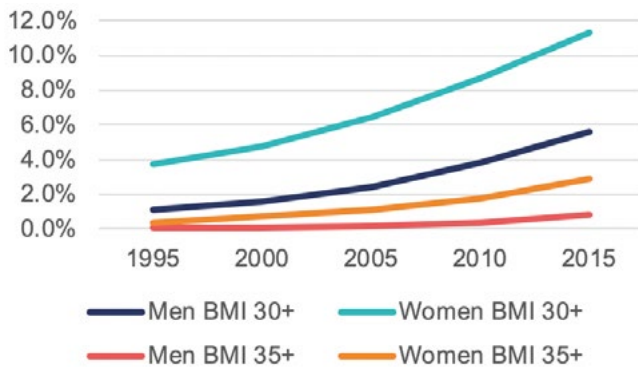
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	3.8	12.9	**17.5**
Women	8.7	19.7	**27.9**
Children 5-19	4.3	14.1	**15**

Chance of meeting UN adult obesity targets for 2025

Men	**0.0% - very poor chance**
Women	**0.0% - very poor chance**

Rate of increase in adult obesity in two decades 1995-2015

Men	**8.3% - very rapid growth**
Women	**5.6% - very rapid growth**

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**10.7**
Hypertension	**23.4**
Ischaemic heart disease	**0.3**

Health coverage indicator

Diabetes deaths per 1000 cases	**4.8 - good availability**

Health care costs attributed to obesity 2016

$US millions	**21.3**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Mali

NATIONAL OBESITY RISK

7.5/10
HIGH RISK

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend:
- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	3.3	8.9	**460.4**
Women	9.9	19.5	**998.7**
Children 5-19	1.6	4.9	**447.8**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	6.6% - very rapid growth
Women	5.0% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**74**
Hypertension	**681.1**
Ischaemic heart disease	**3.9**

Health coverage indicator

Diabetes deaths per 1000 cases	16.9 - poor availability

Health care costs attributed to obesity 2016

$US millions	27.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

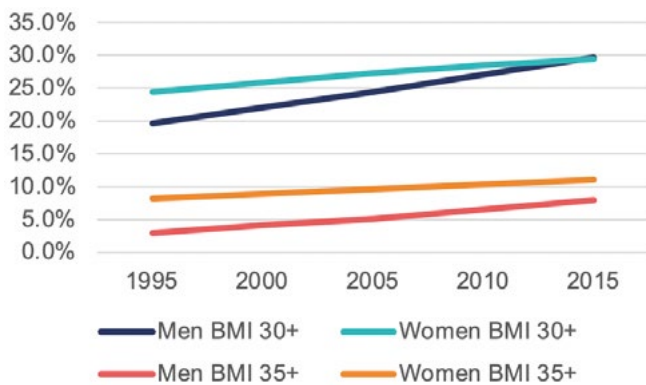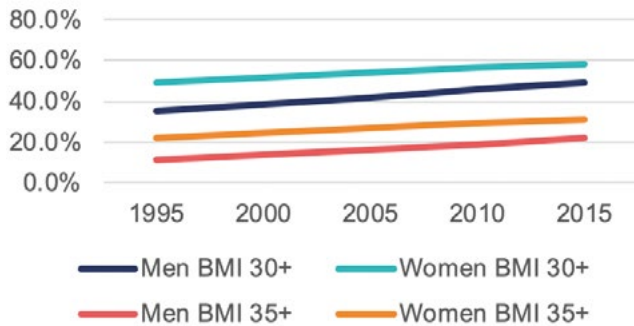**WORLD OBESITY**

Malta

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	27.0	35.9	62.1
Women	28.4	32.0	56
Children 5-19	13.0	15.1	9.1

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	16.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.0% - rapid growth
Women	0.9% - moderate growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	19
Hypertension	19.1
Ischaemic heart disease	1

Health coverage indicator

Diabetes deaths per 1000 cases	4.5 - good availability

Health care costs attributed to obesity 2016

$US millions	138.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Marshall Islands

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	45.7	56.8	na
Women	56.5	63.1	na
Children 5-19	21.7	33.9	4.7

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	3.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	1.6% - rapid growth
Women	0.8% - moderate growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	5.1
Hypertension	2.0
Ischaemic heart disease	<0.1

Health coverage indicator

Diabetes deaths per 1000 cases	15 - poor availability

Health care costs attributed to obesity 2016

$US millions	11.5

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Mauritania

Prevalence (%) of adults with obesity and severe obesity 1995-2015
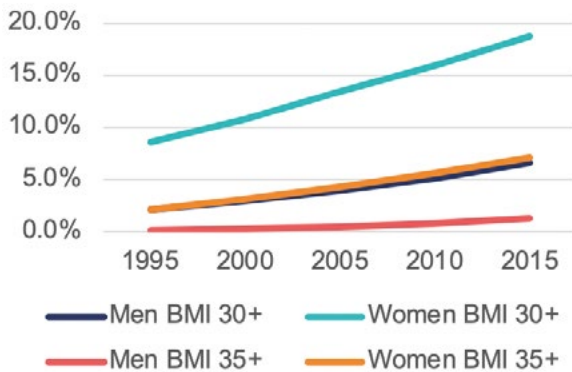
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	5.1	11.4	**152.1**
Women	15.9	25.9	**345.7**
Children 5-19	2.8	6.4	**113.6**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.7% - very rapid growth
Women	3.9% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**72.8**
Hypertension	**182.4**
Ischaemic heart disease	**1.8**

Health coverage indicator

Diabetes deaths per 1000 cases	**11.4 - poor availability**

Health care costs attributed to obesity 2016

$US millions	**14.2**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Mauritius

Prevalence (%) of adults with obesity and severe obesity 1995-2015
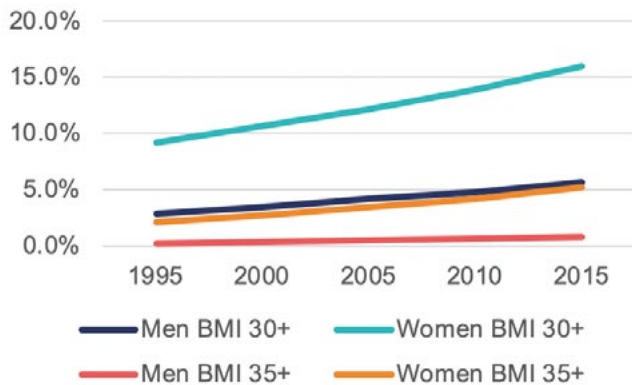
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	4.8	8.3	40.8
Women	13.9	21.0	109.8
Children 5-19	3.1	7.6	16.4

Chance of meeting UN adult obesity targets for 2025

Men	3.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.5% - very rapid growth
Women	2.8% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	110.4
Hypertension	65.1
Ischaemic heart disease	2.3

Health coverage indicator

Diabetes deaths per 1000 cases	11.2 - poor availability

Health care costs attributed to obesity 2016

$US millions	40.8

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Mexico

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	21.8	31.3	14857.7
Women	30.9	39.3	19319.8
Children 5-19	12.6	18.6	6091.5

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.7% - rapid growth
Women	1.7% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	6018.4
Hypertension	4335.4
Ischaemic heart disease	137.4

Health coverage indicator

Diabetes deaths per 1000 cases	6.9 - moderate availability

Health care costs attributed to obesity 2016

$US millions	8262.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

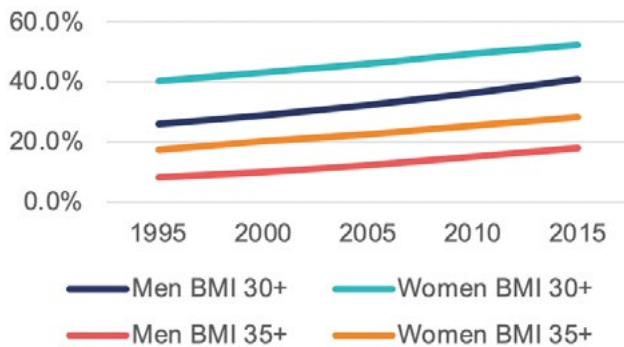WORLD OBESITY

Micronesia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	36.4	50.4	17.1
Women	49.4	59.3	19.5
Children 5-19	15.1	29.7	10.2

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.3% - rapid growth
Women	1.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	2.9
Hypertension	4.4
Ischaemic heart disease	<0.1

Health coverage indicator

Diabetes deaths per 1000 cases	9.4 - moderate availability

Health care costs attributed to obesity 2016

$US millions	9.3

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Moldova

Prevalence (%) of adults with obesity and severe obesity 1995-2015
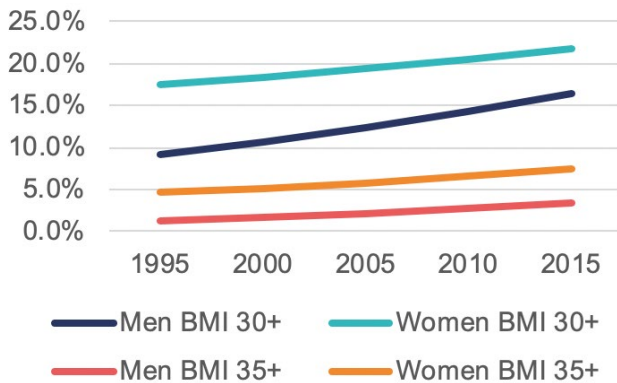
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	14.2	21.7	318.3
Women	20.4	24.9	415.3
Children 5-19	2.9	6.7	38.1

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	9.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.8% - rapid growth
Women	1.1% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	91
Hypertension	266.5
Ischaemic heart disease	14.9

Health coverage indicator

Diabetes deaths per 1000 cases	12.7 - poor availability

Health care costs attributed to obesity 2016

$US millions	67

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Mongolia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	14.1	27.1	**280.7**
Women	20.4	31.5	**346.8**
Children 5-19	2.8	7.1	**63.3**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.2% - very rapid growth
Women	2.8% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**46.6**
Hypertension	**157.0**
Ischaemic heart disease	**5.5**

Health coverage indicator

Diabetes deaths per 1000 cases	12.3 - poor availability

Health care costs attributed to obesity 2016

$US millions	44.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Montenegro

Prevalence (%) of adults with obesity and severe obesity 1995-2015
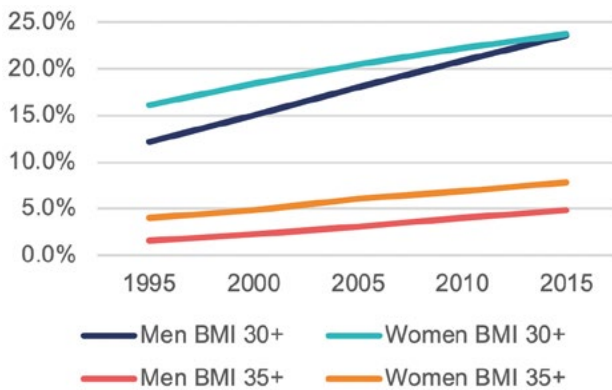
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	20.9	30.2	**70.6**
Women	22.2	27.6	**67.6**
Children 5-19	5.7	11.4	**12.2**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	6.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.3% - very rapid growth
Women	1.9% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**24.6**
Hypertension	**38.4**
Ischaemic heart disease	**2**

Health coverage indicator

Diabetes deaths per 1000 cases	11.3 - poor availability

Health care costs attributed to obesity 2016

$US millions	37.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Morocco

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	16.1	28.4	3520.4
Women	29.3	40.6	5307.6
Children 5-19	7.6	14.7	1482.8

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.9% - very rapid growth
Women	2.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	815.6
Hypertension	1643.2
Ischaemic heart disease	51.1

Health coverage indicator

Diabetes deaths per 1000 cases	4.6 - good availability

Health care costs attributed to obesity 2016

$US millions	762.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Mozambique

Prevalence (%) of adults with obesity and severe obesity 1995-2015
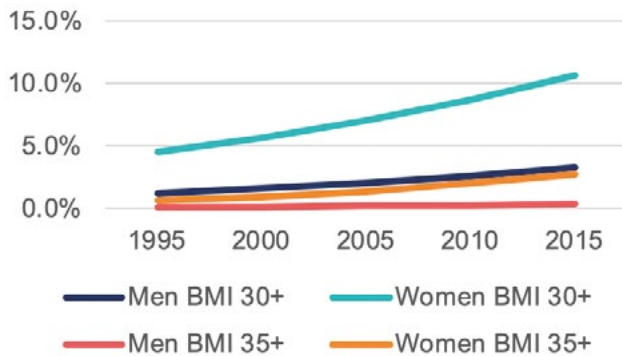
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.6	5.5	**443.3**
Women	8.7	15.8	**1371.9**
Children 5-19	1.4	3.9	**533.5**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.3% - very rapid growth
Women	4.3% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**158.6**
Hypertension	**992.9**
Ischaemic heart disease	**17.3**

Health coverage indicator

Diabetes deaths per 1000 cases	28.1 - poor availability

Health care costs attributed to obesity 2016

$US millions	23.9

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
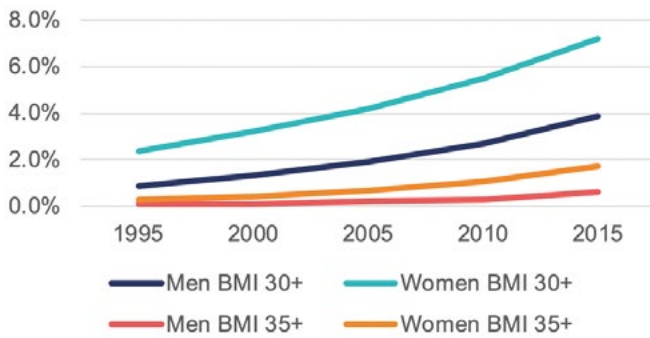For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Myanmar

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.7	8.4	1622.6
Women	5.5	12.6	2610.4
Children 5-19	2.1	7.6	973.3

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	7.6% - very rapid growth
Women	5.5% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	602.8
Hypertension	2311.1
Ischaemic heart disease	30.2

Health coverage indicator

Diabetes deaths per 1000 cases	24.3 - poor availability

Health care costs attributed to obesity 2016

$US millions	124.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
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WORLD OBESITY

Namibia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend:
- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	5.4	13.9	**110.9**
Women	22.3	34.1	**295.6**
Children 5-19	2.5	10.8	**93.3**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	6.2% - very rapid growth
Women	3.2% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	25
Hypertension	98.9
Ischaemic heart disease	1.1

Health coverage indicator

Diabetes deaths per 1000 cases	20.5 - poor availability

Health care costs attributed to obesity 2016

$US millions	88.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
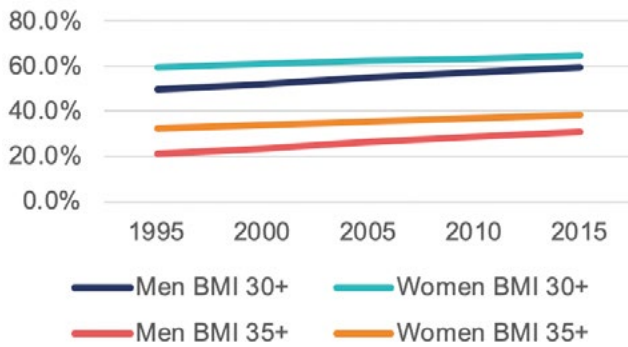Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Nauru

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	57.1	64.3	na
Women	63.4	67.0	na
Children 5-19	29.6	38.2	1

Chance of meeting UN adult obesity targets for 2025

Men	3.0% - very poor chance
Women	13.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	0.9% - moderate growth
Women	0.4% - moderate growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	0.7
Hypertension	0.5
Ischaemic heart disease	<0.1

Health coverage indicator

Diabetes deaths per 1000 cases	9.5 - moderate availability

Health care costs attributed to obesity 2016

$US millions	3.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

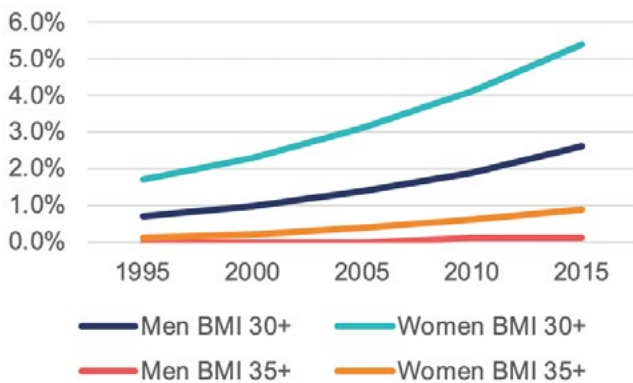**WORLD OBESITY**

Nepal

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	1.9	5.1	**488.7**
Women	4.1	9.2	**988.9**
Children 5-19	0.8	4.1	**347.6**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	7.0% - very rapid growth
Women	6.0% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**327.5**
Hypertension	**1244.7**
Ischaemic heart disease	**24**

Health coverage indicator

Diabetes deaths per 1000 cases	16.7 - poor availability

Health care costs attributed to obesity 2016

$US millions	39.2

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

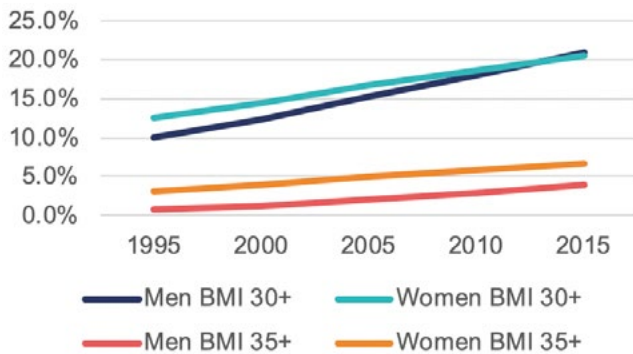**WORLD OBESITY**

Netherlands

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	18.1	28.8	1958.6
Women	18.7	25.0	1743.5
Children 5-19	5.8	9.7	265.5

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.6% - very rapid growth
Women	2.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	478.9
Hypertension	688.9
Ischaemic heart disease	38.1

Health coverage indicator

Diabetes deaths per 1000 cases	4.8 - good availability

Health care costs attributed to obesity 2016

$US millions	8394.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

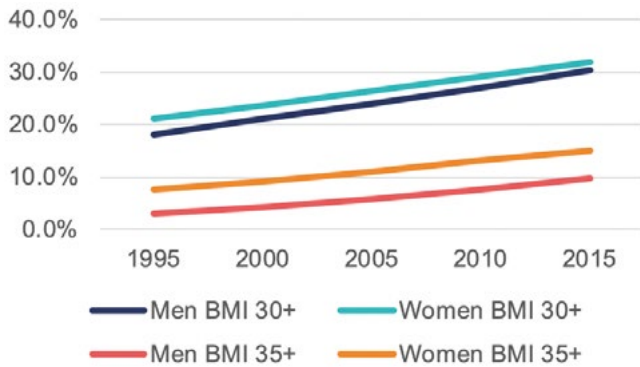**WORLD OBESITY**

New Zealand

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	27.1	38.5	**681.4**
Women	29.2	38.5	**733.8**
Children 5-19	14.4	19.2	**186.8**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.6% - rapid growth
Women	2.1% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**122.1**
Hypertension	**155.2**
Ischaemic heart disease	**8.3**

Health coverage indicator

Diabetes deaths per 1000 cases	**4.1 - good availability**

Health care costs attributed to obesity 2016

$US millions	**2715.6**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Nicaragua

Prevalence (%) of adults with obesity and severe obesity 1995-2015
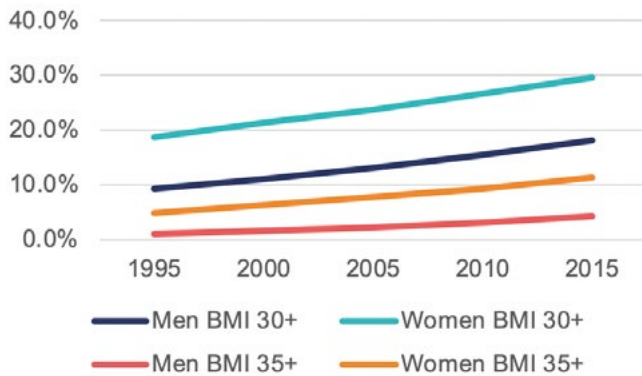
Legend: Men BMI 30+, Women BMI 30+, Men BMI 35+, Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	15.4	25.2	**540**
Women	26.6	36.4	**836.8**
Children 5-19	8.4	15.0	**293.8**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.4% - very rapid growth
Women	2.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**186**
Hypertension	**218.5**
Ischaemic heart disease	**5.5**

Health coverage indicator

Diabetes deaths per 1000 cases	6.9 - moderate availability

Health care costs attributed to obesity 2016

$US millions	139.5

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Niger

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	1.8	4.7	**271.1**
Women	6.9	14.1	**818.7**
Children 5-19	0.7	3.0	**366.6**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.8% - very rapid growth
Women	4.9% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**86.1**
Hypertension	**762.6**
Ischaemic heart disease	**6.5**

Health coverage indicator

Diabetes deaths per 1000 cases	17.3 - poor availability

Health care costs attributed to obesity 2016

$US millions	18

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

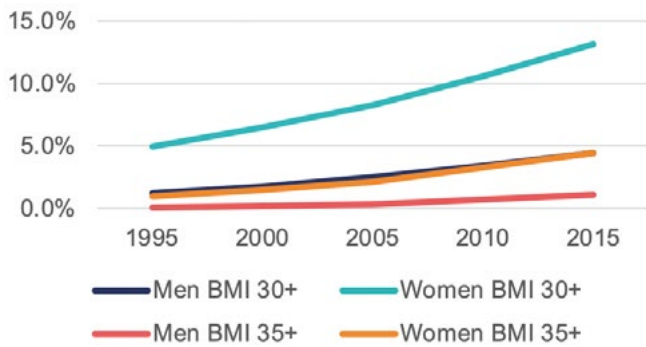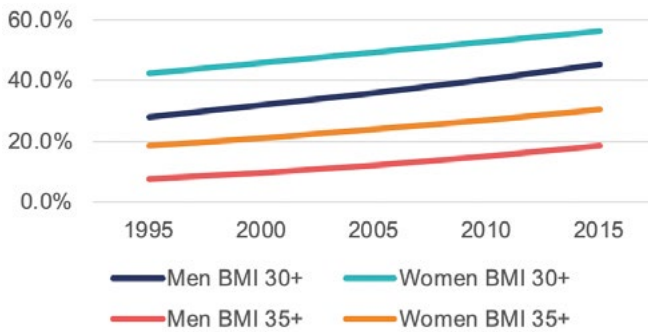**WORLD OBESITY**

Nigeria

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	3.4	9.0	5014.4
Women	10.6	20.4	11060.4
Children 5-19	1.1	4.0	3744.3

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	6.4% - very rapid growth
Women	4.9% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	1289.5
Hypertension	5669.9
Ischaemic heart disease	68.1

Health coverage indicator

Diabetes deaths per 1000 cases	23.3 - poor availability

Health care costs attributed to obesity 2016

$US millions	795.3

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Niue

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend:
- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	40.7	55.4	na
Women	52.8	63.0	na
Children 5-19	22.5	38.5	0.1

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.3% - rapid growth
Women	1.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	na
Hypertension	0.1
Ischaemic heart disease	na

Health coverage indicator

Diabetes deaths per 1000 cases	na

Health care costs attributed to obesity 2016

$US millions	0.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

North Korea

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Men BMI 30+ —— Women BMI 30+
Men BMI 35+ —— Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	4.9	9.8	912.9
Women	6.5	9.8	980.8
Children 5-19	6.0	13.3	697.5

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	3.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.6% - very rapid growth
Women	2.5% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	654.4
Hypertension	923.9
Ischaemic heart disease	33.8

Health coverage indicator

Diabetes deaths per 1000 cases	18.1 - poor availability

Health care costs attributed to obesity 2016

$US millions	na

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

North Macedonia

Prevalence (%) of adults with obesity and severe obesity 1995-2015
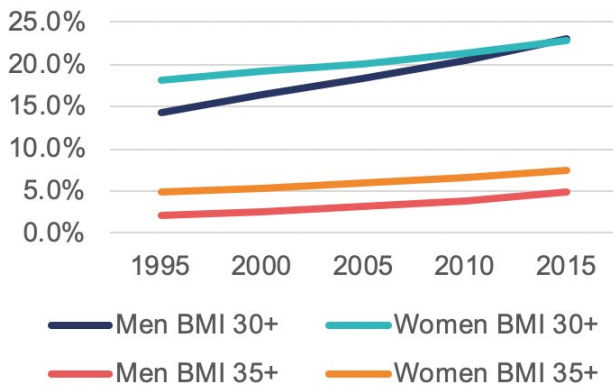
- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	20.4	28.8	**232.4**
Women	21.3	26.0	**216**
Children 5-19	6.8	13.8	**45.7**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	8.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.3% - rapid growth
Women	1.1% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**82.2**
Hypertension	**128.0**
Ischaemic heart disease	**6.7**

Health coverage indicator

Diabetes deaths per 1000 cases	11.2 - poor availability

Health care costs attributed to obesity 2016

$US millions	74.9

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Norway

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend: — Men BMI 30+ — Women BMI 30+ — Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	21.0	31.4	**686**
Women	21.3	27.5	**596.2**
Children 5-19	8.0	11.1	**115.5**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.0% - rapid growth
Women	1.9% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**137.4**
Hypertension	**220.0**
Ischaemic heart disease	**10.1**

Health coverage indicator

Diabetes deaths per 1000 cases	4.1 - good availability

Health care costs attributed to obesity 2016

$US millions	4586.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
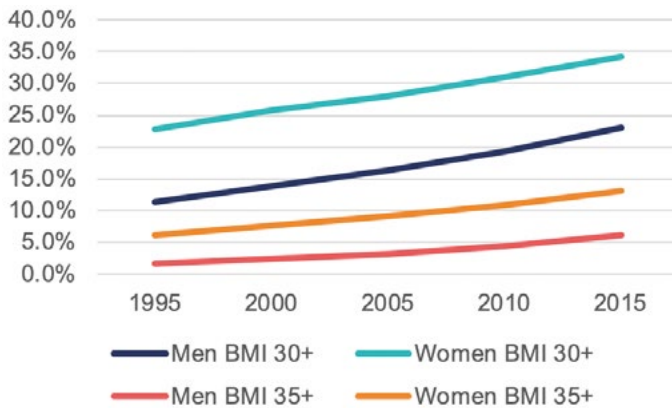For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Oman

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	19.3	32.5	**797.2**
Women	31.0	41.6	**470.4**
Children 5-19	11.9	19.4	**203.3**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.6% - very rapid growth
Women	2.0% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**137.1**
Hypertension	**226.5**
Ischaemic heart disease	**3.3**

Health coverage indicator

Diabetes deaths per 1000 cases	3.3 - good availability

Health care costs attributed to obesity 2016

$US millions	387.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Pakistan

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	4.5	10.6	7069.7
Women	9.1	17.3	11096
Children 5-19	1.8	6.1	3903

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.9% - very rapid growth
Women	4.5% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	9103.8
Hypertension	9365.7
Ischaemic heart disease	180.3

Health coverage indicator

Diabetes deaths per 1000 cases	8.2 - moderate availability

Health care costs attributed to obesity 2016

$US millions	383.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
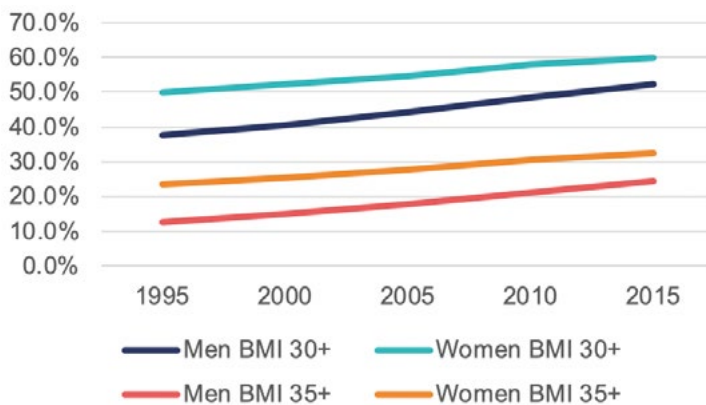Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Palau

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	48.8	60.7	na
Women	57.8	65.1	na
Children 5-19	26.4	38.5	2.2

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	1.6% - rapid growth
Women	0.8% - moderate growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	1.1
Hypertension	0.6
Ischaemic heart disease	<0.1

Health coverage indicator

Diabetes deaths per 1000 cases	6.5 - moderate availability

Health care costs attributed to obesity 2016

$US millions	9.8

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

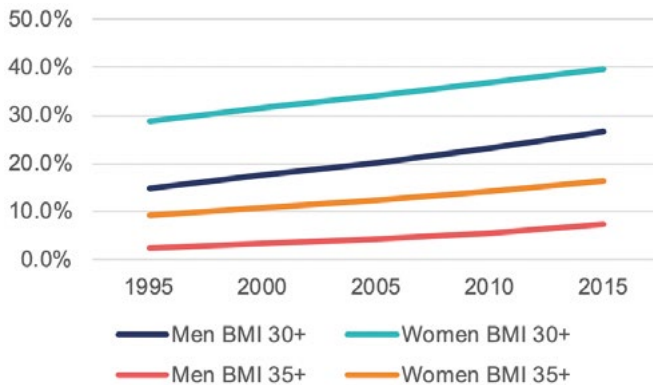**WORLD OBESITY**

Palestine

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	23.2	34.8	**552.9**
Women	36.9	45.7	**717.4**
Children 5-19	10.7	17.3	**332.2**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.9% - rapid growth
Women	1.5% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**81.9**
Hypertension	**<0.1**
Ischaemic heart disease	**2.8**

Health coverage indicator

Diabetes deaths per 1000 cases	**na**

Health care costs attributed to obesity 2016

$US millions	**na**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Panama

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Men BMI 30+ — Women BMI 30+
Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	15.4	25.0	**377.5**
Women	25.4	34.7	**535.4**
Children 5-19	8.3	14.2	**158.4**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.8% - very rapid growth
Women	2.5% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**96.8**
Hypertension	**143.5**
Ischaemic heart disease	**5.3**

Health coverage indicator

Diabetes deaths per 1000 cases	5.8 - moderate availability

Health care costs attributed to obesity 2016

$US millions	497.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Papua New Guinea

Prevalence (%) of adults with obesity and severe obesity 1995-2015
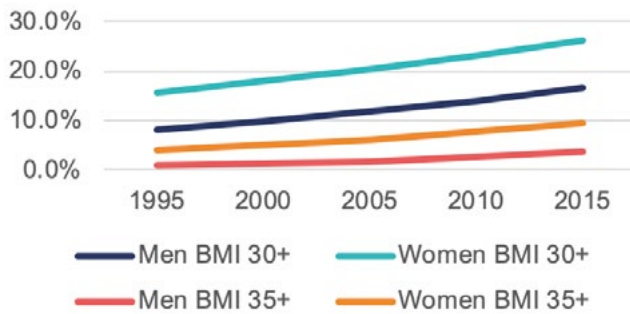
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	14.0	24.2	**630.6**
Women	23.1	33.5	**862.2**
Children 5-19	6.7	15.1	**451**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.5% - very rapid growth
Women	2.6% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**335.3**
Hypertension	**314.8**
Ischaemic heart disease	**3.2**

Health coverage indicator

Diabetes deaths per 1000 cases	8.8 - moderate availability

Health care costs attributed to obesity 2016

$US millions	47.5

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Paraguay

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Men BMI 30+   Women BMI 30+
Men BMI 35+   Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	14.7	24.3	**585.8**
Women	21.1	30.6	**725.8**
Children 5-19	7.8	15.2	**350.7**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.9% - very rapid growth
Women	2.9% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**175.1**
Hypertension	**279.4**
Ischaemic heart disease	**8.1**

Health coverage indicator

Diabetes deaths per 1000 cases	8.4 - moderate availability

Health care costs attributed to obesity 2016

$US millions	230.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
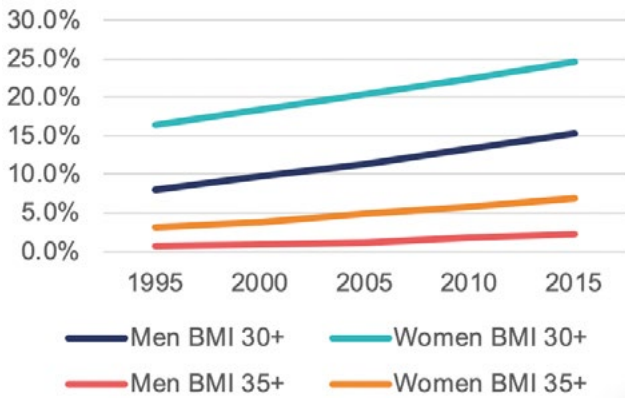For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Peru

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	13.3	20.8	**2413.2**
Women	22.5	30.0	**3568.2**
Children 5-19	6.3	10.8	**929.4**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.2% - very rapid growth
Women	2.0% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**650.9**
Hypertension	**761.4**
Ischaemic heart disease	**22.9**

Health coverage indicator

Diabetes deaths per 1000 cases	**6.6 - moderate availability**

Health care costs attributed to obesity 2016

$US millions	**1017.9**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Philippines

Prevalence (%) of adults with obesity and severe obesity 1995-2015
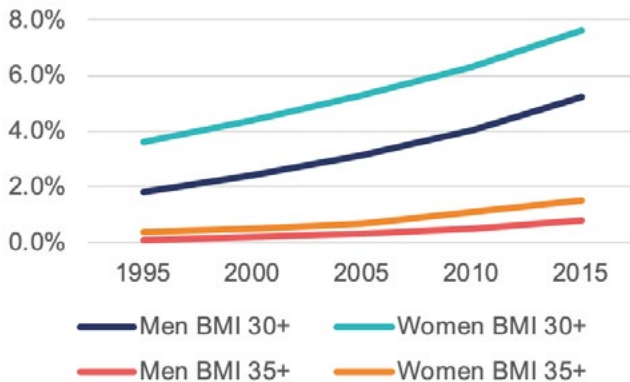
Men BMI 30+ Women BMI 30+
Men BMI 35+ Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	4.0	9.0	3175.7
Women	6.3	11.2	4025.1
Children 5-19	2.9	7.2	2527.1

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.4% - very rapid growth
Women	3.7% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	1876.8
Hypertension	3815.4
Ischaemic heart disease	116.5

Health coverage indicator

Diabetes deaths per 1000 cases	9.6 - moderate availability

Health care costs attributed to obesity 2016

$US millions	555.8

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Poland

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend:
— Men BMI 30+ — Women BMI 30+
— Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	21.4	30.3	4393.5
Women	21.7	25.9	4139.8
Children 5-19	6.5	13.4	809.3

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	8.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.5% - rapid growth
Women	1.0% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	1101.9
Hypertension	2447.4
Ischaemic heart disease	199.2

Health coverage indicator

Diabetes deaths per 1000 cases	7.9 - moderate availability

Health care costs attributed to obesity 2016

$US millions	3416.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

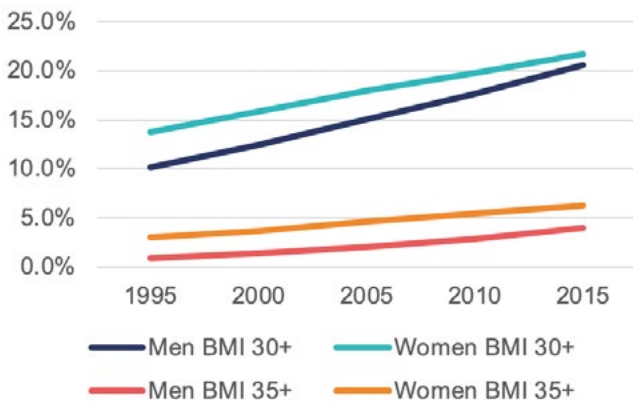**WORLD OBESITY**

Portugal

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	17.7	28.1	**1088**
Women	19.8	26.3	**1167.7**
Children 5-19	9.8	12.2	**168.1**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.5% - very rapid growth
Women	2.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**512.3**
Hypertension	**570.4**
Ischaemic heart disease	**34.4**

Health coverage indicator

Diabetes deaths per 1000 cases	5.3 - moderate availability

Health care costs attributed to obesity 2016

$US millions	**1921.4**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

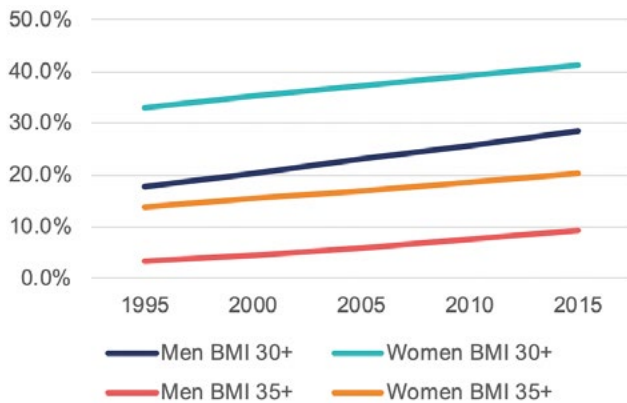**WORLD OBESITY**

Puerto Rico

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	25.6	35.6	**473.4**
Women	39.2	45.4	**677.8**
Children 5-19	17.1	22.2	**143.9**

Chance of meeting UN adult obesity targets for 2025

Men	**1.0% - very poor chance**
Women	**6.0% - very poor chance**

Rate of increase in adult obesity in two decades 1995-2015

Men	**2.3% - rapid growth**
Women	**1.0% - rapid growth**

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**206.1**
Hypertension	**<0.1**
Ischaemic heart disease	**7.6**

Health coverage indicator

Diabetes deaths per 1000 cases	**na**

Health care costs attributed to obesity 2016

$US millions	**na**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
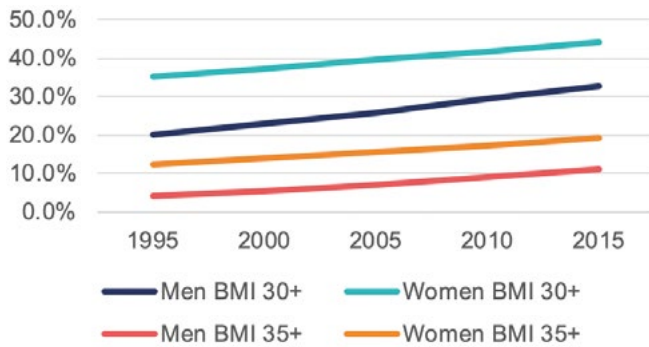For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Qatar

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	29.3	41.2	**652.6**
Women	41.8	49.2	**263.2**
Children 5-19	17.0	22.3	**76.9**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.4% - rapid growth
Women	1.1% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**163**
Hypertension	**137.1**
Ischaemic heart disease	**1.9**

Health coverage indicator

Diabetes deaths per 1000 cases	1.8 - good availability

Health care costs attributed to obesity 2016

$US millions	**794.5**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
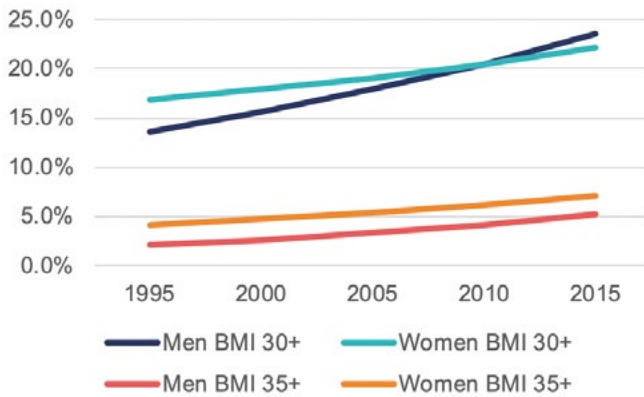Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Romania

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend:
- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	20.5	30.9	2148.4
Women	20.5	26.1	2003.1
Children 5-19	5.5	13.1	421.8

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	4.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.7% - rapid growth
Women	1.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	600.8
Hypertension	1318.4
Ischaemic heart disease	107.6

Health coverage indicator

Diabetes deaths per 1000 cases	12.4 - poor availability

Health care costs attributed to obesity 2016

$US millions	1027.5

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

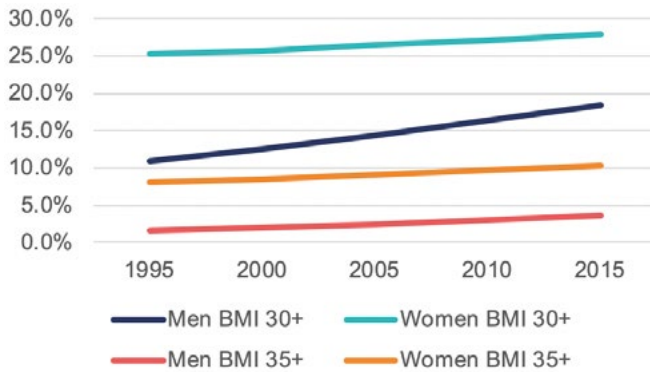**WORLD OBESITY**

Russian Federation

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	16.3	23.6	**11349**
Women	27.1	29.9	**17681.9**
Children 5-19	5.2	9.5	**2307.3**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	20.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.5% - rapid growth
Women	0.5% - moderate growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**3895.5**
Hypertension	**8659.4**
Ischaemic heart disease	**1106.7**

Health coverage indicator

Diabetes deaths per 1000 cases	**13.3 - poor availability**

Health care costs attributed to obesity 2016

$US millions	**7636.6**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
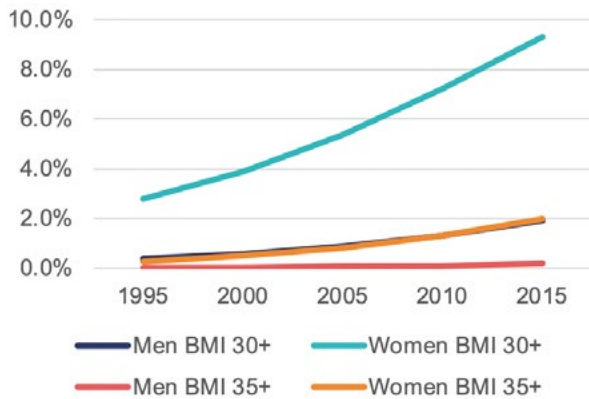Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Rwanda

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	1.3	3.9	**138.9**
Women	7.2	15.7	**642.6**
Children 5-19	0.9	3.7	**212.5**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	7.5% - very rapid growth
Women	6.0% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**79.3**
Hypertension	**428.5**
Ischaemic heart disease	**6.1**

Health coverage indicator

Diabetes deaths per 1000 cases	17.4 - poor availability

Health care costs attributed to obesity 2016

$US millions	21.9

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Saint Kitts & Nevis

Prevalence (%) of adults with obesity and severe obesity 1995-2015
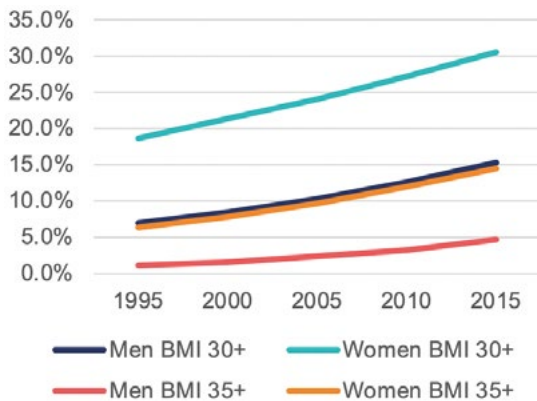
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	12.6	23.4	na
Women	27.2	38.5	na
Children 5-19	8.8	18.4	2.5

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.0% - very rapid growth
Women	2.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	2.4
Hypertension	2.3
Ischaemic heart disease	<0.1

Health coverage indicator

Diabetes deaths per 1000 cases	11.8 - poor availability

Health care costs attributed to obesity 2016

$US millions	6.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Saint Lucia

Prevalence (%) of adults with obesity and severe obesity 1995-2015
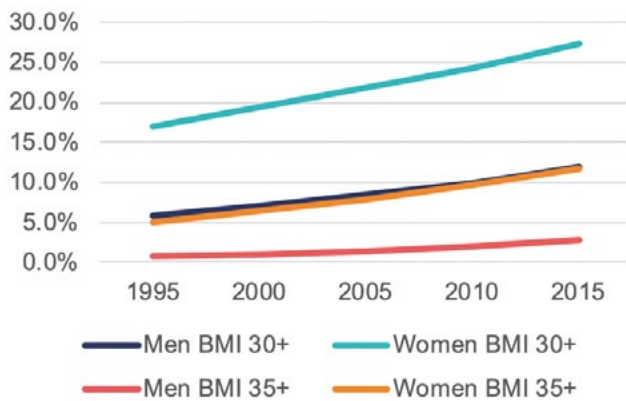
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	9.9	18.1	**12.6**
Women	24.2	34.4	**25.4**
Children 5-19	6.1	13.7	**5.6**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.7% - very rapid growth
Women	2.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**6.9**
Hypertension	**9.8**
Ischaemic heart disease	**0.2**

Health coverage indicator

Diabetes deaths per 1000 cases	9.7 - moderate availability

Health care costs attributed to obesity 2016

$US millions	9.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Saint Vincent & The Grenadines

Prevalence (%) of adults with obesity and severe obesity 1995-2015
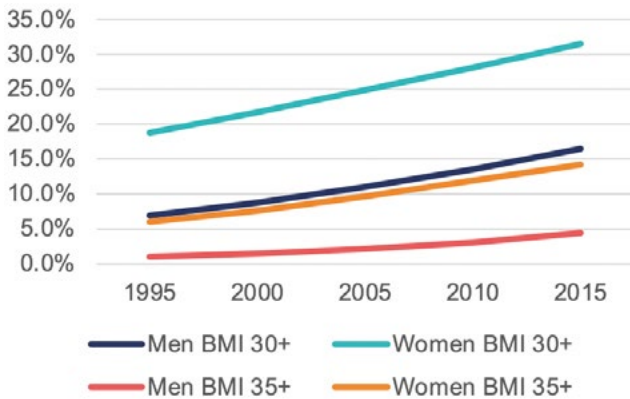
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	13.5	25.2	**10**
Women	28.2	39.5	**15.8**
Children 5-19	9.3	18.1	**4.4**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.4% - very rapid growth
Women	2.6% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**4.1**
Hypertension	**4.9**
Ischaemic heart disease	**0.1**

Health coverage indicator

Diabetes deaths per 1000 cases	**13 - poor availability**

Health care costs attributed to obesity 2016

$US millions	3.3

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
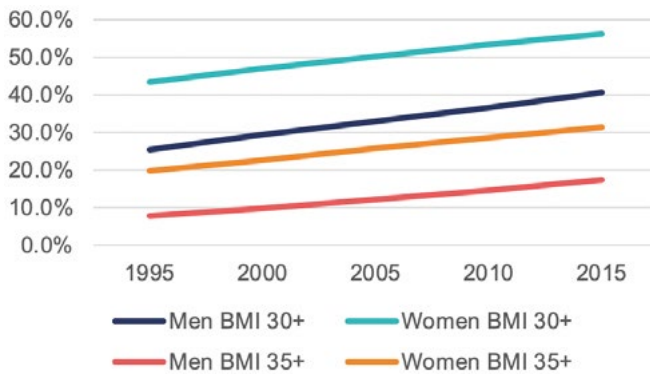Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Samoa

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend: Men BMI 30+ · Women BMI 30+ · Men BMI 35+ · Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	36.8	49.1	na
Women	53.3	61.9	na
Children 5-19	15.6	30.1	20.8

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.2% - rapid growth
Women	1.2% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	3.6
Hypertension	6.8
Ischaemic heart disease	0.1

Health coverage indicator

Diabetes deaths per 1000 cases	10.3 - poor availability

Health care costs attributed to obesity 2016

$US millions	10.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Sao Tome and Principe

Prevalence (%) of adults with obesity and severe obesity 1995-2015
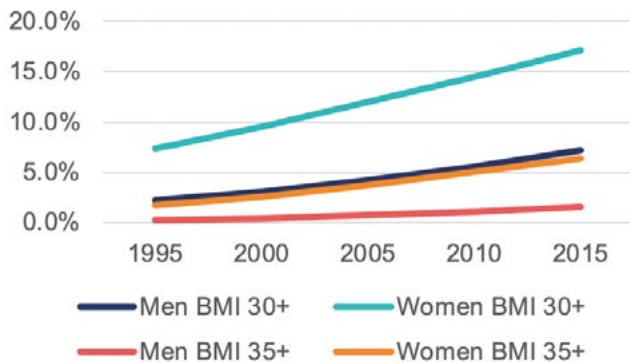
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	5.6	12.5	7.2
Women	14.5	24.1	14.2
Children 5-19	2.3	5.8	5.2

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	6.0% - very rapid growth
Women	4.2% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	0.8
Hypertension	6.8
Ischaemic heart disease	<0.1

Health coverage indicator

Diabetes deaths per 1000 cases	10.1 - poor availability

Health care costs attributed to obesity 2016

$US millions	1.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Saudi Arabia

Prevalence (%) of adults with obesity and severe obesity 1995-2015
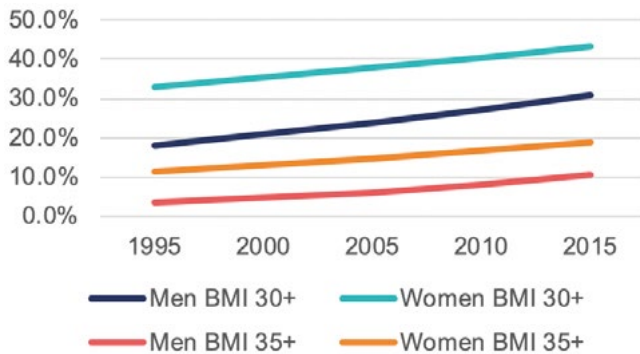
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	27.2	40.0	5719.6
Women	40.5	49.1	5071
Children 5-19	14.0	21.6	1797.1

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.7% - rapid growth
Women	1.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	2009.3
Hypertension	1426.1
Ischaemic heart disease	34

Health coverage indicator

Diabetes deaths per 1000 cases	3.5 - good availability

Health care costs attributed to obesity 2016

$US millions	6399.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
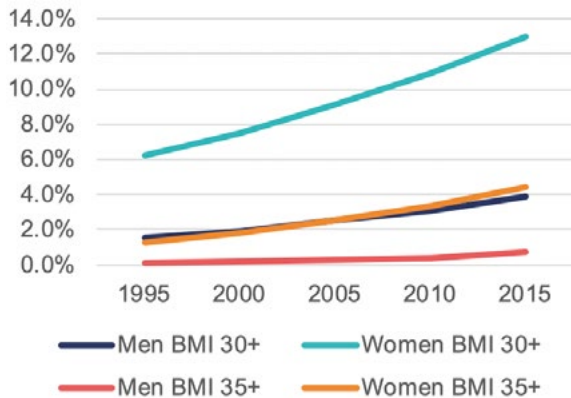For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Senegal

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	3.1	6.8	309.7
Women	10.9	18.7	929.3
Children 5-19	1.1	3.2	238.2

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.9% - very rapid growth
Women	3.7% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	71.9
Hypertension	584.0
Ischaemic heart disease	5.9

Health coverage indicator

Diabetes deaths per 1000 cases	12.1 - poor availability

Health care costs attributed to obesity 2016

$US millions	43.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
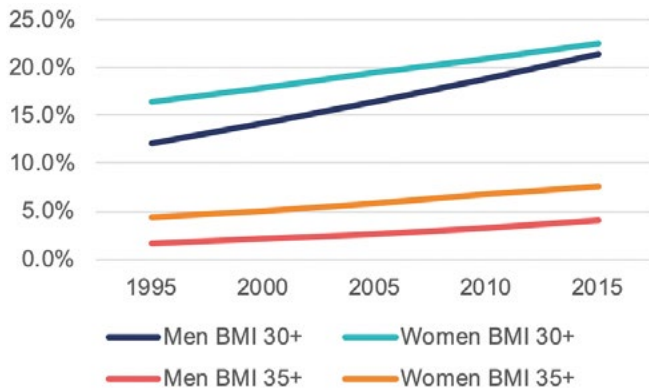For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Serbia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	18.9	27.4	**883.9**
Women	20.9	26.3	**914.7**
Children 5-19	7.2	14.8	**197.2**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	5.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.8% - rapid growth
Women	1.5% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**363.6**
Hypertension	**571.3**
Ischaemic heart disease	**42.1**

Health coverage indicator

Diabetes deaths per 1000 cases	11.8 - poor availability

Health care costs attributed to obesity 2016

$US millions	**461.5**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Seychelles

Prevalence (%) of adults with obesity and severe obesity 1995-2015
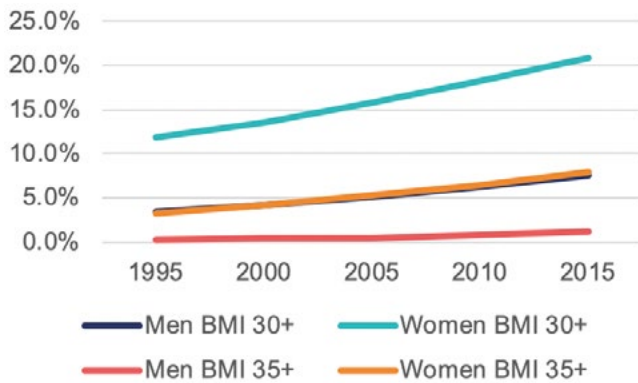
Legend:
— Men BMI 30+   — Women BMI 30+
— Men BMI 35+   — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	6.2	11.9	4
Women	18.2	27.4	9.5
Children 5-19	8.1	15.7	2.6

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.1% - very rapid growth
Women	2.8% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	4.4
Hypertension	4.4
Ischaemic heart disease	0.1

Health coverage indicator

| Diabetes deaths per 1000 cases	8.8 - moderate availability

Health care costs attributed to obesity 2016

$US millions	4.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Sierra Leone

Prevalence (%) of adults with obesity and severe obesity 1995-2015
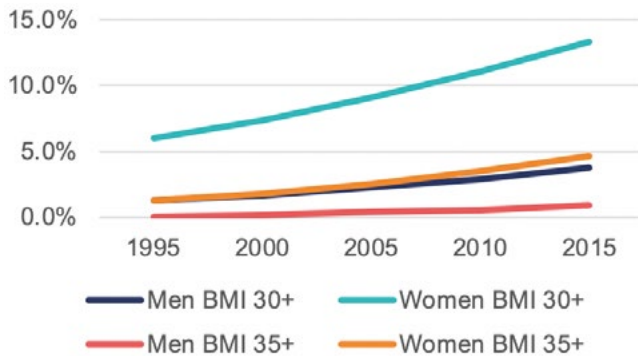
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.9	6.9	**134.1**
Women	11.1	19.6	**393.7**
Children 5-19	1.6	4.4	**117.3**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.4% - very rapid growth
Women	4.0% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	34.4
Hypertension	295.5
Ischaemic heart disease	3.1

Health coverage indicator

Diabetes deaths per 1000 cases	24.1 - poor availability

Health care costs attributed to obesity 2016

$US millions	33.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Singapore

Prevalence (%) of adults with obesity and severe obesity 1995-2015
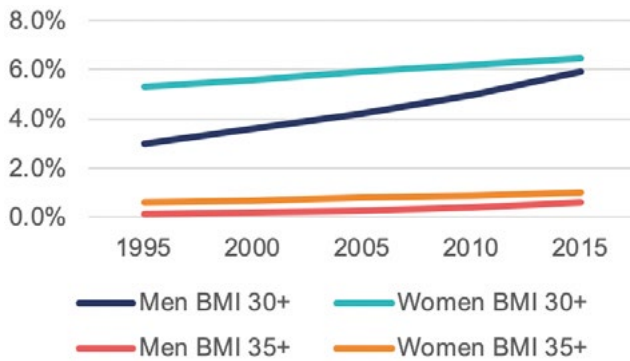
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	5.0	8.4	208.1
Women	6.2	7.5	195.3
Children 5-19	6.6	7.9	71.7

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	18.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.3% - very rapid growth
Women	1.0% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	300.9
Hypertension	188.1
Ischaemic heart disease	6.8

Health coverage indicator

Diabetes deaths per 1000 cases	6.8 - moderate availability

Health care costs attributed to obesity 2016

$US millions	611.9

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

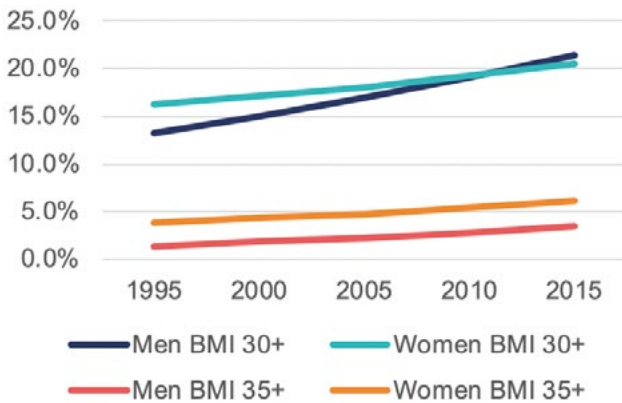**WORLD OBESITY**

Slovakia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	19.0	26.8	550.7
Women	19.2	23.6	531.2
Children 5-19	5.5	12.9	110.9

Chance of meeting UN adult obesity targets for 2025

Men	2.0% - very poor chance
Women	8.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.4% - rapid growth
Women	1.2% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	177.4
Hypertension	345.6
Ischaemic heart disease	21.9

Health coverage indicator

Diabetes deaths per 1000 cases	9.1 - moderate availability

Health care costs attributed to obesity 2016

$US millions	641.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

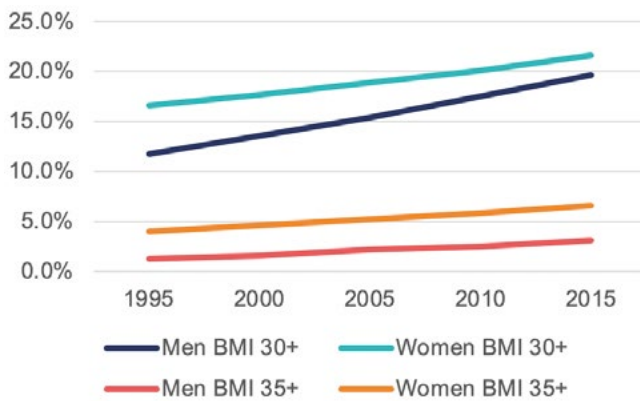**WORLD OBESITY**

Slovenia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	17.5	25.0	**203.7**
Women	20.1	24.9	**208.4**
Children 5-19	6.5	13.6	**42.5**

Chance of meeting UN adult obesity targets for 2025

Men	2.0% - very poor chance
Women	7.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.5% - rapid growth
Women	1.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	57.5
Hypertension	143.0
Ischaemic heart disease	9.5

Health coverage indicator

Diabetes deaths per 1000 cases	5.6 - moderate availability

Health care costs attributed to obesity 2016

$US millions	381.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Solomon Islands

Prevalence (%) of adults with obesity and severe obesity 1995-2015
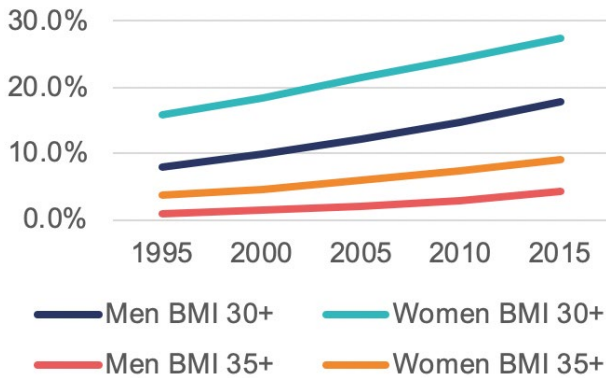
- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	14.7	26.8	**50.6**
Women	24.3	35.1	**65.6**
Children 5-19	2.6	8.3	**20.1**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.1% - very rapid growth
Women	2.7% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**22**
Hypertension	**18.8**
Ischaemic heart disease	**0.2**

Health coverage indicator

Diabetes deaths per 1000 cases	**6.9 - moderate availability**

Health care costs attributed to obesity 2016

$US millions	**7.1**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
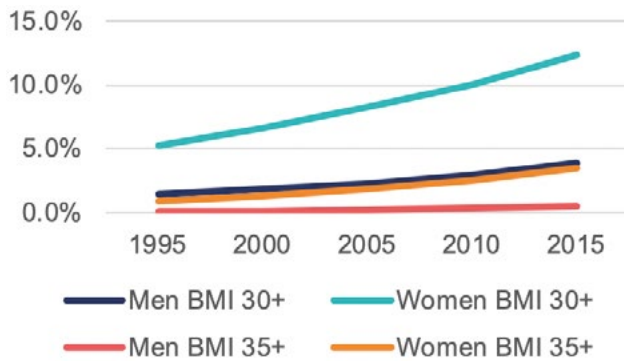Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Somalia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	3.0	6.9	213.4
Women	10.1	18.4	588.4
Children 5-19	1.8	5.5	327.2

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.4% - very rapid growth
Women	4.2% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	127.3
Hypertension	542.0
Ischaemic heart disease	5.8

Health coverage indicator

Diabetes deaths per 1000 cases	14.3 - poor availability

Health care costs attributed to obesity 2016

$US millions	na

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
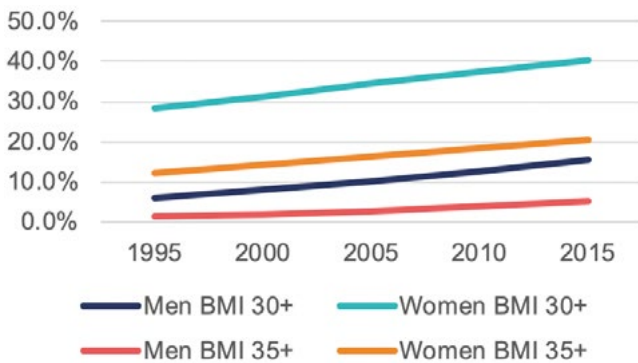Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

South Africa

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	12.5	23.3	4267.3
Women	37.5	46.7	8917.8
Children 5-19	5.7	22.1	3449.4

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.6% - very rapid growth
Women	1.7% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	2153.1
Hypertension	2632.2
Ischaemic heart disease	53.2

Health coverage indicator

Diabetes deaths per 1000 cases	19.6 - poor availability

Health care costs attributed to obesity 2016

$US millions	3475.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org
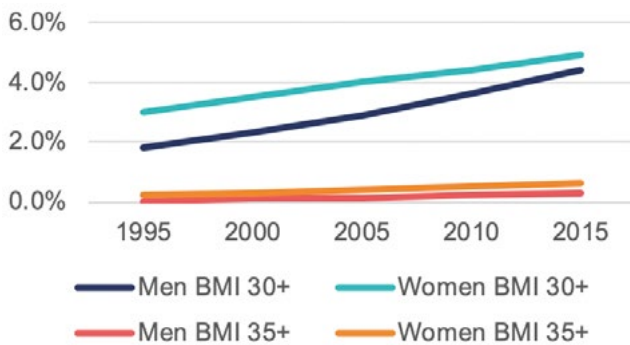
WORLD OBESITY

5.5/10
MODERATE RISK

South Korea

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	3.6	6.7	1410.8
Women	4.4	6.2	1347.2
Children 5-19	7.4	11.2	796.3

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	5.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.5% - very rapid growth
Women	2.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	1734
Hypertension	1263.5
Ischaemic heart disease	60.8

Health coverage indicator

Diabetes deaths per 1000 cases	9 - moderate availability

Health care costs attributed to obesity 2016

$US millions	4012.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Spain

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend: Men BMI 30+ — Women BMI 30+ — Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	22.6	30.9	5652.8
Women	22.4	26.3	5092.2
Children 5-19	9.4	12.6	912

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	10.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.3% - rapid growth
Women	1.1% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	1700.9
Hypertension	2017.5
Ischaemic heart disease	97.2

Health coverage indicator

Diabetes deaths per 1000 cases	4.2 - good availability

Health care costs attributed to obesity 2016

$US millions	12819.2

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

6.5/10
MODERATE RISK

Sri Lanka

Prevalence (%) of adults with obesity and severe obesity 1995-2015
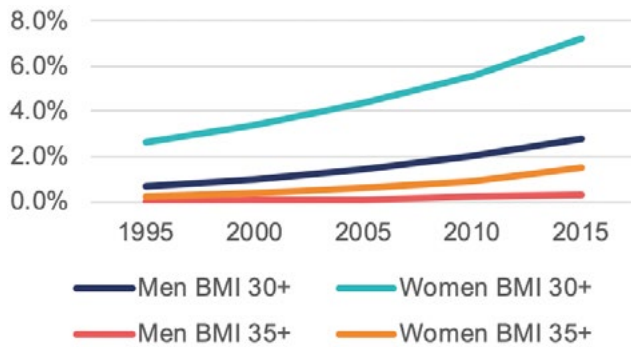
Legend:
- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.0	5.8	411
Women	5.6	12.2	989.9
Children 5-19	2.6	9.6	517.4

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	7.0% - very rapid growth
Women	5.1% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	579.4
Hypertension	894.4
Ischaemic heart disease	36.4

Health coverage indicator

Diabetes deaths per 1000 cases	12.5 - poor availability

Health care costs attributed to obesity 2016

$US millions	109.5

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Sudan

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend: Men BMI 30+ — Women BMI 30+ — Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	3.0	6.2	820
Women	10.5	17.8	2386
Children 5-19	1.8	5.3	1208.5

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.8% - very rapid growth
Women	3.8% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	1734.4
Hypertension	1613.3
Ischaemic heart disease	24.8

Health coverage indicator

Diabetes deaths per 1000 cases	11.3 - poor availability

Health care costs attributed to obesity 2016

$US millions	284.8

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

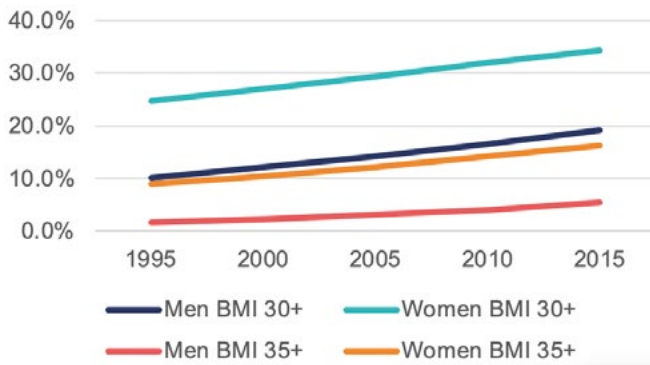WORLD OBESITY

Suriname

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	16.6	26.0	**50.1**
Women	32.0	40.2	**80.8**
Children 5-19	11.4	18.3	**24.8**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.1% - very rapid growth
Women	1.6% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	22.5
Hypertension	22.5
Ischaemic heart disease	0.6

Health coverage indicator

Diabetes deaths per 1000 cases	11.9 - poor availability

Health care costs attributed to obesity 2016

$US millions	27.2

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

7.5/10
HIGH RISK

Swaziland / Eswatini

Prevalence (%) of adults with obesity and severe obesity 1995-2015
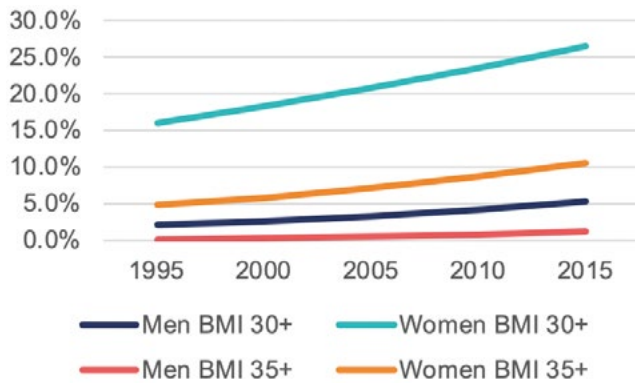
Legend:
- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	4.2	9.1	**34.7**
Women	23.6	33.5	**129.9**
Children 5-19	3.3	12.0	**59.6**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.7% - very rapid growth
Women	2.5% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**10.9**
Hypertension	**46.4**
Ischaemic heart disease	**0.5**

Health coverage indicator

Diabetes deaths per 1000 cases	48.4 - poor availability

Health care costs attributed to obesity 2016

$US millions	25.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
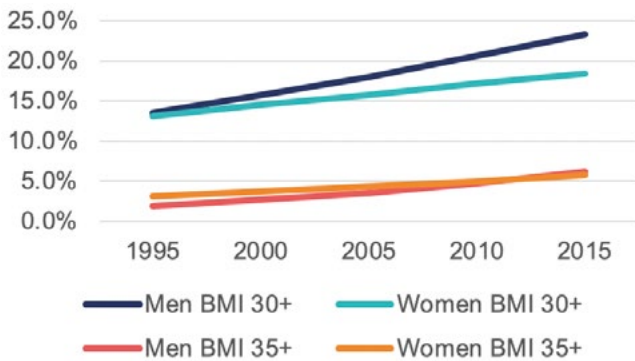For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Sweden

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	20.6	30.1	1191.3
Women	17.1	21.9	875.3
Children 5-19	5.8	8.1	151.5

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	5.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.7% - rapid growth
Women	1.7% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	244.9
Hypertension	412.2
Ischaemic heart disease	27.6

Health coverage indicator

Diabetes deaths per 1000 cases	4.2 - good availability

Health care costs attributed to obesity 2016

$US millions	5916.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

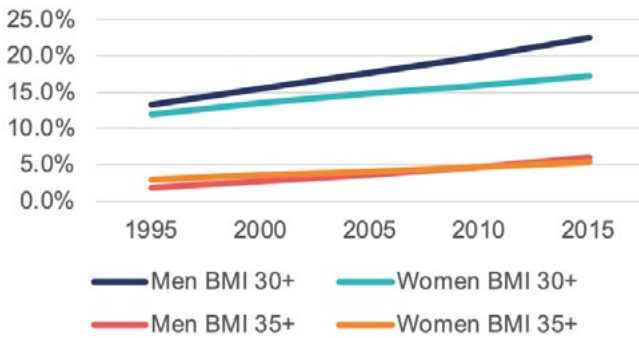**WORLD OBESITY**

Switzerland

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	**2025 cases (thousands)**
Men	19.9	29.1	**1026.3**
Women	16.0	20.6	**746.5**
Children 5-19	5.0	7.4	**100.9**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	4.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	**2.6% - rapid growth**
Women	**1.8% - rapid growth**

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**233.5**
Hypertension	**337.9**
Ischaemic heart disease	**18.4**

Health coverage indicator

Diabetes deaths per 1000 cases	**3.6 - good availability**

Health care costs attributed to obesity 2016

$US millions	8359.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Syria

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Men BMI 30+   Women BMI 30+
Men BMI 35+   Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	17.5	29.9	2236.2
Women	32.0	43.0	3378.9
Children 5-19	8.6	16.3	1288.4

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.7% - very rapid growth
Women	2.1% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	557.6
Hypertension	690.8
Ischaemic heart disease	15.1

Health coverage indicator

Diabetes deaths per 1000 cases	8.8 - moderate availability

Health care costs attributed to obesity 2016

$US millions	na

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
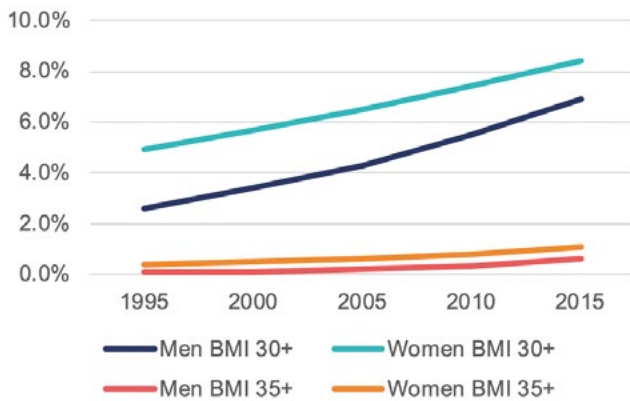Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Taiwan

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Men BMI 30+ — Women BMI 30+
Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	5.5	11.6	na
Women	7.4	11.2	na
Children 5-19	8.1	16.4	505.1

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	3.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.0% - very rapid growth
Women	2.7% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	577.5
Hypertension	<0.1
Ischaemic heart disease	48.7

Health coverage indicator

Diabetes deaths per 1000 cases	na

Health care costs attributed to obesity 2016

$US millions	na

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

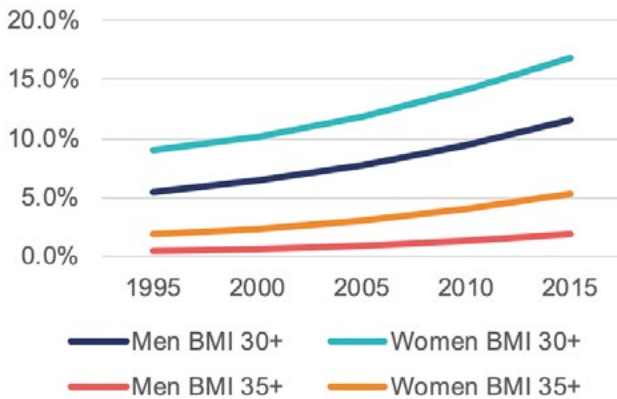**WORLD OBESITY**

Tajikistan

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	9.4	17.7	506.5
Women	14.1	23.9	704.3
Children 5-19	1.8	5.6	202.6

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.7% - very rapid growth
Women	3.2% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	114
Hypertension	385.6
Ischaemic heart disease	10.6

Health coverage indicator

Diabetes deaths per 1000 cases	9.9 - moderate availability

Health care costs attributed to obesity 2016

$US millions	38.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

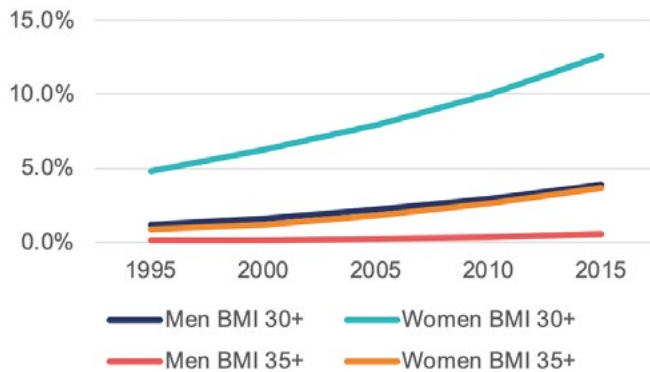**WORLD OBESITY**

Tanzania

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.9	7.4	1200.5
Women	10.0	20.1	3388.4
Children 5-19	1.4	5.1	1384.5

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	6.0% - very rapid growth
Women	4.9% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	468.7
Hypertension	1828.3
Ischaemic heart disease	31.6

Health coverage indicator

Diabetes deaths per 1000 cases	18 - poor availability

Health care costs attributed to obesity 2016

$US millions	95.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Thailand

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Men BMI 30+ | Women BMI 30+
Men BMI 35+ | Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	4.6	14.8	3910.4
Women	9.7	21.5	6022.5
Children 5-19	7.6	18.5	1920

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	7.9% - very rapid growth
Women	5.4% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	2013.9
Hypertension	3249.8
Ischaemic heart disease	137.5

Health coverage indicator

Diabetes deaths per 1000 cases	9.5 - moderate availability

Health care costs attributed to obesity 2016

$US millions	846.5

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Timor-Leste

Prevalence (%) of adults with obesity and severe obesity 1995-2015
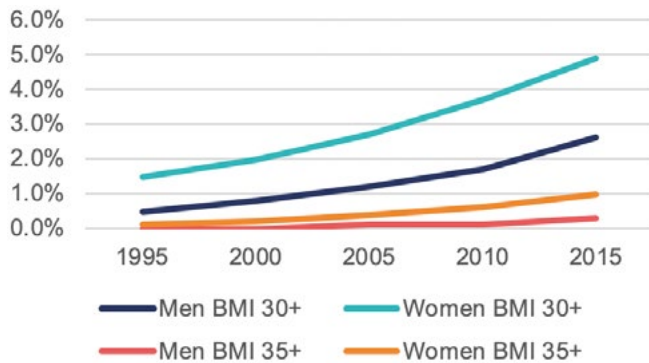
Legend:
— Men BMI 30+   — Women BMI 30+
— Men BMI 35+   — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	1.7	5.8	20
Women	3.7	9.0	30.6
Children 5-19	2.3	8.4	48.3

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	8.0% - very rapid growth
Women	5.9% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	15
Hypertension	46.8
Ischaemic heart disease	0.6

Health coverage indicator

Diabetes deaths per 1000 cases	10.2 - poor availability

Health care costs attributed to obesity 2016

$US millions	3

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
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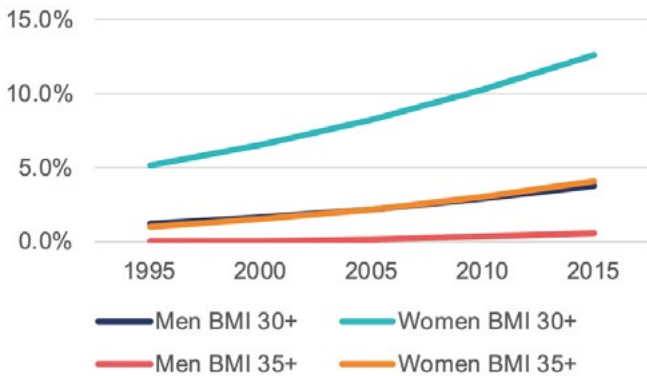**WORLD OBESITY**

Togo

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.9	7.0	160.5
Women	10.3	18.9	449.6
Children 5-19	1.2	3.8	127.1

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.8% - very rapid growth
Women	4.5% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	37.4
Hypertension	289.7
Ischaemic heart disease	2.8

Health coverage indicator

Diabetes deaths per 1000 cases	16.1 - poor availability

Health care costs attributed to obesity 2016

$US millions	14.8

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
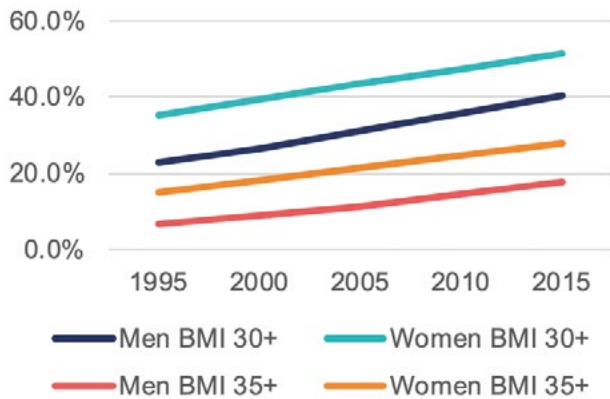Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Tokelau

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	35.7	51.5	na
Women	47.6	59.6	na
Children 5-19	17.2	33.9	na

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.8% - rapid growth
Women	1.8% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	na
Hypertension	<0.1
Ischaemic heart disease	na

Health coverage indicator

Diabetes deaths per 1000 cases	na

Health care costs attributed to obesity 2016

$US millions	na

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Tonga

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend:
- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	37.9	51.2	**16.8**
Women	52.6	61.7	**20.3**
Children 5-19	20.5	34.7	**12.9**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.3% - rapid growth
Women	1.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**3.5**
Hypertension	**3.6**
Ischaemic heart disease	**<0.1**

Health coverage indicator

Diabetes deaths per 1000 cases	9.1 - moderate availability

Health care costs attributed to obesity 2016

$US millions	5.1

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org
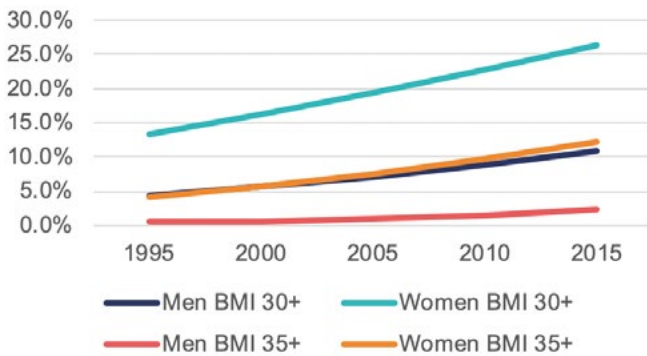
WORLD OBESITY

Trinidad and Tobago

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	8.8	17.1	**84.6**
Women	22.7	35.2	**186.9**
Children 5-19	7.2	17.4	**46.3**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.6% - very rapid growth
Women	3.5% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**57**
Hypertension	**72.8**
Ischaemic heart disease	**2.5**

Health coverage indicator

Diabetes deaths per 1000 cases	**9.8 - moderate availability**

Health care costs attributed to obesity 2016

$US millions	**146.9**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
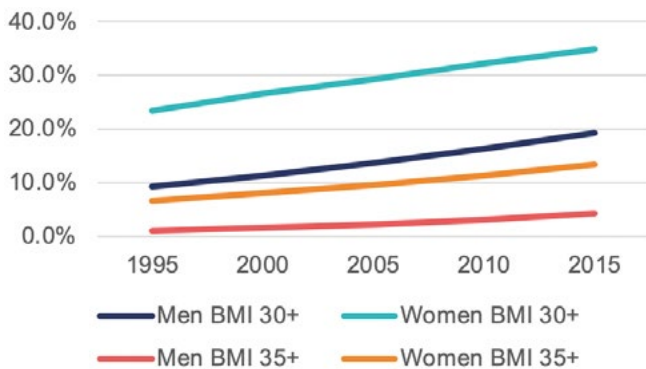Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Tunisia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend:
- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	16.2	27.2	1142.6
Women	32.1	41.6	1845.7
Children 5-19	6.3	12.6	341.4

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.7% - very rapid growth
Women	1.9% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	380.4
Hypertension	505.4
Ischaemic heart disease	25.8

Health coverage indicator

Diabetes deaths per 1000 cases	6.5 - moderate availability

Health care costs attributed to obesity 2016

$US millions	385.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
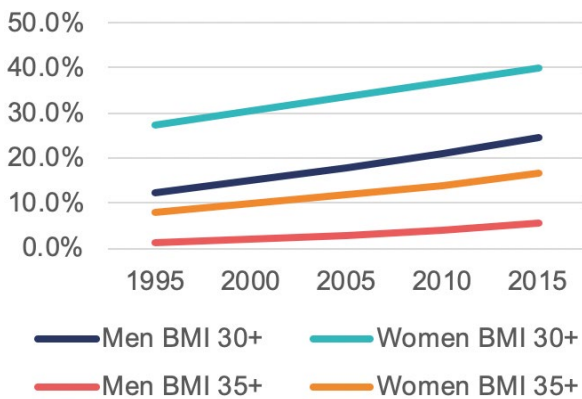Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Turkey

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	21.0	33.7	**9724.8**
Women	36.8	47.3	**14600**
Children 5-19	9.0	16.2	**2990.8**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.4% - very rapid growth
Women	1.9% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**3098.4**
Hypertension	**3005.2**
Ischaemic heart disease	**132.9**

Health coverage indicator

Diabetes deaths per 1000 cases	6.5 - moderate availability

Health care costs attributed to obesity 2016

$US millions	**5694.3**

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Turkmenistan

Prevalence (%) of adults with obesity and severe obesity 1995-2015
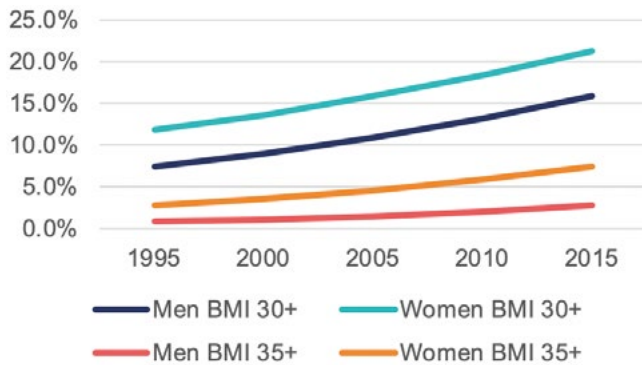
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	13.2	23.2	**437.5**
Women	18.3	28.4	**580.4**
Children 5-19	3.2	7.6	**117.5**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.8% - very rapid growth
Women	2.9% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**88.5**
Hypertension	**245.9**
Ischaemic heart disease	**8.8**

Health coverage indicator

Diabetes deaths per 1000 cases	13.1 - poor availability

Health care costs attributed to obesity 2016

$US millions	233

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

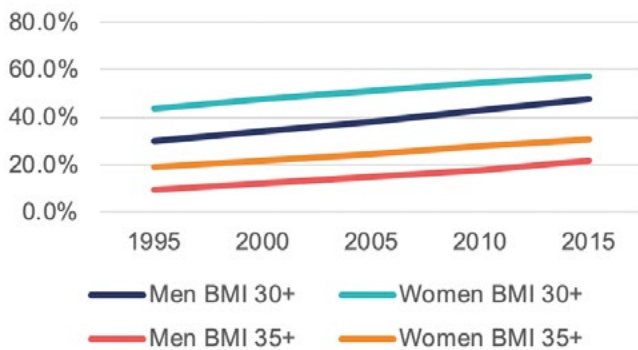**WORLD OBESITY**

Tuvalu

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	43.0	57.5	na
Women	54.2	63.7	na
Children 5-19	21.0	35.9	0.9

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.3% - rapid growth
Women	1.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	0.7
Hypertension	0.4
Ischaemic heart disease	<0.1

Health coverage indicator

Diabetes deaths per 1000 cases	8.3 - moderate availability

Health care costs attributed to obesity 2016

$US millions	1.3

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Uganda

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Legend:
— Men BMI 30+ — Women BMI 30+
— Men BMI 35+ — Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	1.4	3.5	405.3
Women	6.8	14.0	1658.8
Children 5-19	0.9	3.6	819.3

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.7% - very rapid growth
Women	5.0% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	139.2
Hypertension	1243.9
Ischaemic heart disease	11.8

Health coverage indicator

Diabetes deaths per 1000 cases	21.2 - poor availability

Health care costs attributed to obesity 2016

$US millions	56.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

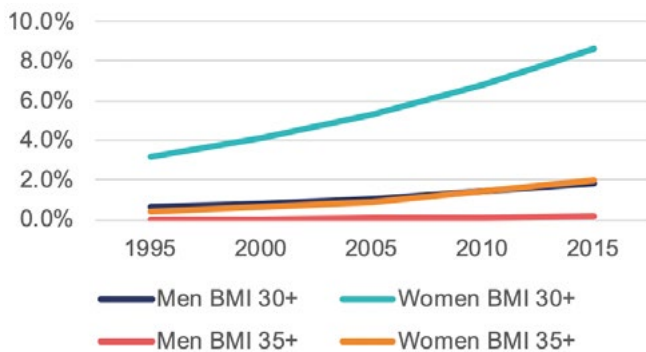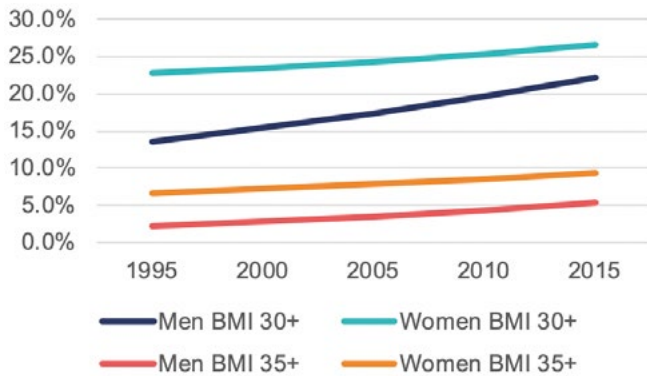**WORLD OBESITY**

Ukraine

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	19.7	28.4	4225.6
Women	25.4	29.2	5317.3
Children 5-19	5.2	9.8	689

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	15.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.5% - rapid growth
Women	0.7% - moderate growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	1171.4
Hypertension	2712.3
Ischaemic heart disease	394.1

Health coverage indicator

Diabetes deaths per 1000 cases	14.8 - poor availability

Health care costs attributed to obesity 2016

$US millions	727.3

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

United Arab Emirates

Prevalence (%) of adults with obesity and severe obesity 1995-2015
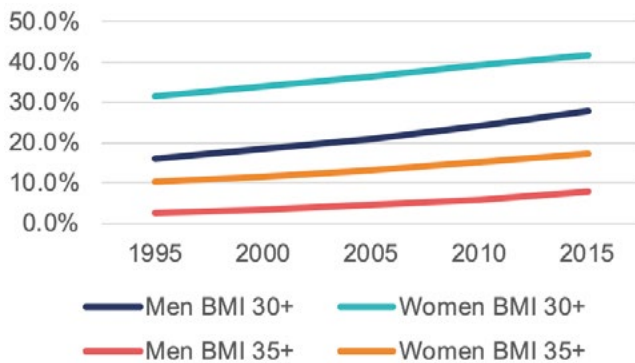
Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	24.3	36.3	2284.3
Women	39.2	47.8	1057.8
Children 5-19	14.2	20.7	369.6

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	1.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.7% - rapid growth
Women	1.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	574.9
Hypertension	451.1
Ischaemic heart disease	3.8

Health coverage indicator

Diabetes deaths per 1000 cases	1.7 - good availability

Health care costs attributed to obesity 2016

$US millions	1823.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

United Kingdom

Prevalence (%) of adults with obesity and severe obesity 1995-2015

- Men BMI 30+
- Women BMI 30+
- Men BMI 35+
- Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	23.9	35.4	9037.2
Women	26.4	35.6	9467.4
Children 5-19	10.0	10.6	1263.8

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.9% - rapid growth
Women	2.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	1259.8
Hypertension	2163.9
Ischaemic heart disease	180.9

Health coverage indicator

Diabetes deaths per 1000 cases	5.2 - moderate availability

Health care costs attributed to obesity 2016

$US millions	36132.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
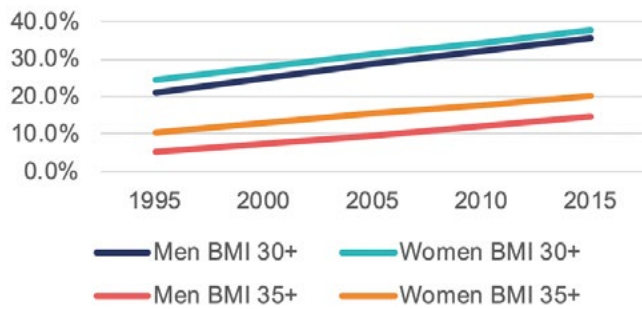Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

United States of America

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	32.2	44.2	56479.2
Women	34.5	44.4	58802.4
Children 5-19	20.0	23.6	15690.3

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.6% - rapid growth
Women	2.1% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	14564.3
Hypertension	8677.2
Ischaemic heart disease	664.1

Health coverage indicator

Diabetes deaths per 1000 cases	6 - moderate availability

Health care costs attributed to obesity 2016

$US millions	595545.4

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

WORLD OBESITY

Uruguay

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Men BMI 30+ Women BMI 30+
Men BMI 35+ Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	22.5	32.0	**395.8**
Women	29.1	36.5	**497.8**
Children 5-19	11.9	17.1	**122.3**

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.5% - rapid growth
Women	1.6% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**92.1**
Hypertension	**142.1**
Ischaemic heart disease	**3.5**

Health coverage indicator

Diabetes deaths per 1000 cases	7.5 - moderate availability

Health care costs attributed to obesity 2016

$US millions	650.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

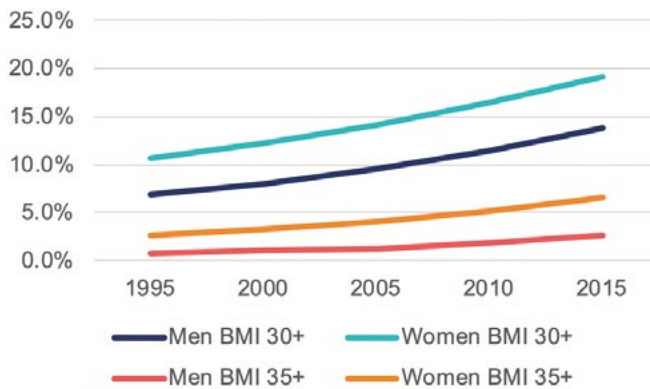**WORLD OBESITY**

Uzbekistan

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	11.4	20.5	**2129.7**
Women	16.4	26.3	**2933.2**
Children 5-19	2.5	7.1	**609.6**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.6% - very rapid growth
Women	3.0% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**527.1**
Hypertension	**1419.2**
Ischaemic heart disease	**63.1**

Health coverage indicator

Diabetes deaths per 1000 cases	10.2 - poor availability

Health care costs attributed to obesity 2016

$US millions	377.5

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

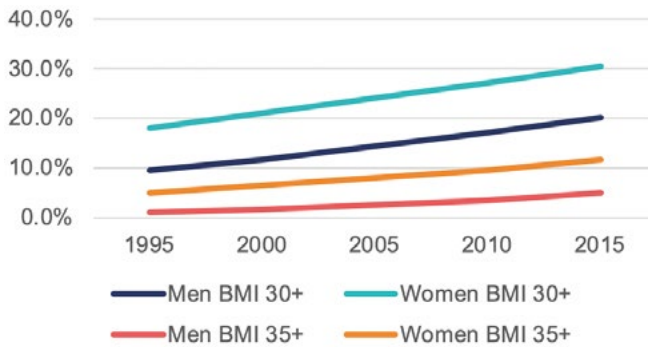**WORLD OBESITY**

Vanuatu

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	17.1	29.0	**26.6**
Women	27.3	38.2	**35.9**
Children 5-19	5.6	13.0	**13**

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	3.7% - very rapid growth
Women	2.6% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**7.9**
Hypertension	**9.7**
Ischaemic heart disease	**0.1**

Health coverage indicator

Diabetes deaths per 1000 cases	7.5 - moderate availability

Health care costs attributed to obesity 2016

$US millions	3.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

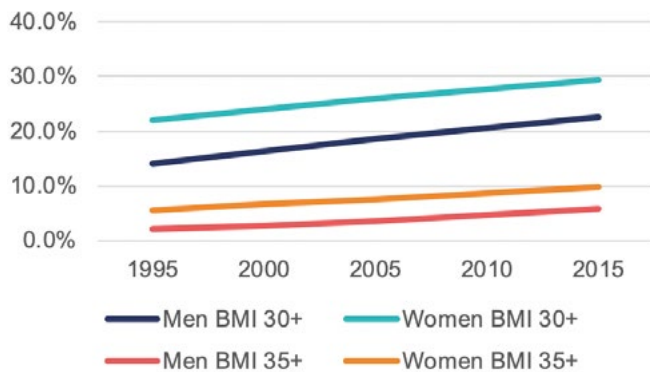**WORLD OBESITY**

Venezuela

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	20.6	28.2	3210.8
Women	27.6	33.5	3997.5
Children 5-19	12.3	16.8	1480.4

Chance of meeting UN adult obesity targets for 2025

Men	2.0% - very poor chance
Women	5.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	2.4% - rapid growth
Women	1.4% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	659.6
Hypertension	980.2
Ischaemic heart disease	36.8

Health coverage indicator

Diabetes deaths per 1000 cases	7.5 - moderate availability

Health care costs attributed to obesity 2016

$US millions	na

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

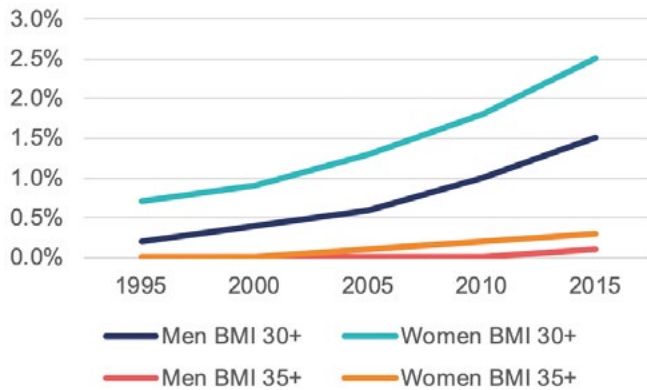**WORLD OBESITY**

Vietnam

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	1.0	3.9	1369.4
Women	1.8	5.0	1874.3
Children 5-19	1.0	6.8	1388.8

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	9.4% - very rapid growth
Women	6.8% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	1776.4
Hypertension	4283.9
Ischaemic heart disease	112.2

Health coverage indicator

Diabetes deaths per 1000 cases	7.9 - moderate availability

Health care costs attributed to obesity 2016

$US millions	262

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

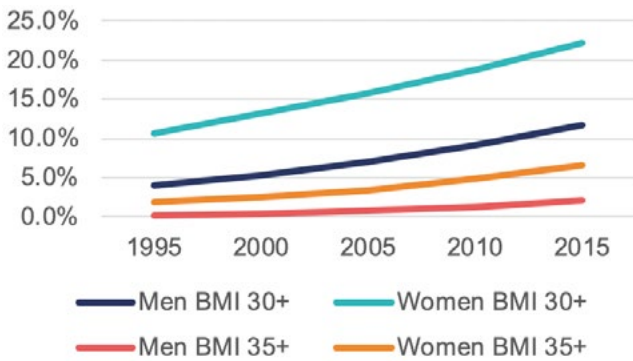WORLD OBESITY

Yemen

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	9.1	20.2	1777.1
Women	18.8	31.0	2739.1
Children 5-19	4.5	12.0	1257.1

Chance of meeting UN adult obesity targets for 2025

Men	0.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	5.4% - very rapid growth
Women	3.7% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	269.1
Hypertension	1134.3
Ischaemic heart disease	16.1

Health coverage indicator

Diabetes deaths per 1000 cases	10 - poor availability

Health care costs attributed to obesity 2016

$US millions	na

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

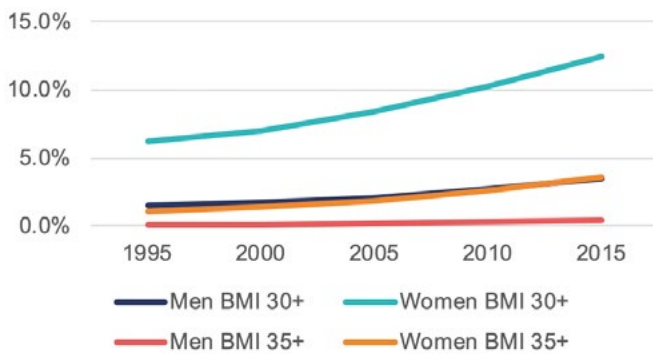# WORLD OBESITY

Zambia

Prevalence (%) of adults with obesity and severe obesity 1995-2015

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	2.7	6.3	308.5
Women	10.3	18.6	936.1
Children 5-19	1.7	5.3	454.3

Chance of meeting UN adult obesity targets for 2025

Men	1.0% - very poor chance
Women	0.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.5% - very rapid growth
Women	3.6% - very rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	128686
Hypertension	533.0
Ischaemic heart disease	8083.4

Health coverage indicator

Diabetes deaths per 1000 cases	29.2 - poor availability

Health care costs attributed to obesity 2016

$US millions	45.7

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

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Zimbabwe

Prevalence (%) of adults with obesity and severe obesity 1995-2015
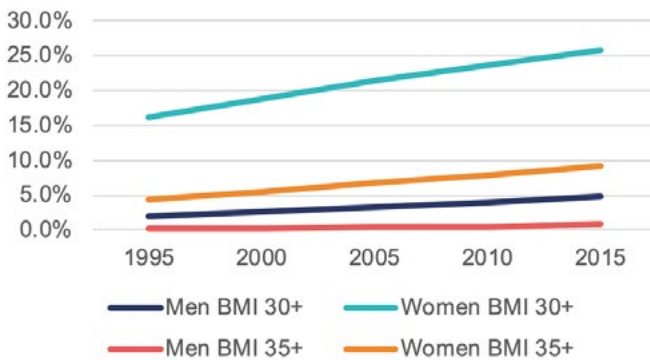
Men BMI 30+   Women BMI 30+
Men BMI 35+   Women BMI 35+

Obesity: 2010 target and 2025 predicted prevalence and number of cases

	2010 %	2025 %	2025 cases (thousands)
Men	3.9	7.3	**346.6**
Women	23.6	31.2	**1570.2**
Children 5-19	2.3	7.7	**490.3**

Chance of meeting UN adult obesity targets for 2025

Men	2.0% - very poor chance
Women	2.0% - very poor chance

Rate of increase in adult obesity in two decades 1995-2015

Men	4.7% - very rapid growth
Women	2.3% - rapid growth

Cases attributed to overweight and obesity 2016

	Number (thousands)
Diabetes	**48504**
Hypertension	**515.4**
Ischaemic heart disease	**4811.8**

Health coverage indicator

Diabetes deaths per 1000 cases	25.4 - poor availability

Health care costs attributed to obesity 2016

$US millions	126.6

na = data not available
Obesity prevalence data are from the NCD-RisC database www.ncdrisc.org
Diabetes data are from the International Diabetes Federation https://idf.org/
Hypertension, breastfeeding and health expenditure data are from WHO http://apps.who.int/gho/data/
Heart disease data from https://www.sciencedirect.com/science/article/pii/S0735109717372443
For colour coding criteria and further sources see the World Obesity Federation report www.worldobesity.org

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7. Figures for 2025 courtesy of James Bentham, of the NCD-RisC consortium, personal communication.

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22. World Obesity Federation (2017) *The Costs of the Consequences.* Available online at: https://www.worldobesity.org/resources/resource-library/calculating-the-costs-of-the-consequences-of-obesity.

23. OECD (2019) *The Heavy Burden of Obesity: The Economics of Prevention.* OECD Health Policy Studies, OECD Publishing: Paris. https://doi.org/10.1787/888934007202.

The report sits alongside World Obesity Federation's Global Obesity Observatory which provides a wide range of interactive maps and downloadable graphics based on measured surveys and information on obesity related to risk factors, comorbidities and actions. Visit https://www.worldobesitydata.org/ World Obesity Federation has also gathered intelligence on national healthcare systems and practices for obesity policy, prevention and treatment, as well as hosting a repository of information on polices and case studies relevant to obesity.

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Annexes

Data Sources

1	Numbers of adults living with obesity and severe obesity	NCD Risk Factor Collaboration. Worldwide trends in bodymass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128.9 million children, adolescents, and adults. *Lancet* 2017, 390:2627–2642. Database at www.ncdrisc.org.

Global trends in obesity

2	Proportion of male adults living with obesity	NCD Risk Factor Collaboration (2017) op cit. Available at World Health Organization: Global Health Observatory (http://apps.who.int/gho/data/).
3	Proportion of female adults living with obesity	
4	Number of adults living with obesity	
5	Obesity prevalence 1995-2015	
6	Chance of meeting the 2025 target for obesity	NCD Risk Factor Collaboration online estimates (www.ncdrisc.org).

Regional data for obesity

7-12	Regional data, highest and lowest	NCD Risk Factor Collaboration (2017) op cit. Available at World Health Organization: Global Health Observatory (http://apps.who.int/gho/data/).

Risks for the next generation

13	Children living with obesity	NCD Risk Factor Collaboration (2017) op cit. Figures for 2025 courtesy of James Bentham, personal communication, projected from the NCD Risk Factor Collaboration database.
14	Women of reproductive age living with obesity	NCD Risk Factor Collaboration (2017) op cit.
15	Pregnant women living with hyperglycaemia	Diabetes Atlas ninth edition, 2019, International Diabetes Federation.
16	Infants with stunting	UNICEF (2019) Joint malnutrition estimates. Available at: https://www.unicef.org/media/60626/file/Joint-malnutrition-estimates-2019.pdf
17	Exclusive breast-feeding	World Health Organization (2019) Global Health Observatory. Available at: http://apps.who.int/gho/data/node.imr.NUTRITION_570

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Consequences of obesity

18	Diabetes cases and deaths	International Diabetes Federation (2019) Diabetes Atlas ninth edition. 2019. Available at: https://www.diabetesatlas.org/en/
19	Raised blood pressure prevalence	World Health Organization (2019) Global Health Observatory. Available at: http://apps.who.int/gho/data/node.imr.NUTRITION_570
20	Ischaemic heart disease prevalence	Roth GA, Johnson C, Abajobir A et al. Global, Regional, and National Burden of Cardiovascular Diseases for 10 Causes, 1990 to 2015. J Am Coll Cardiol. 2017;70:1-25.,
21	New cancer cases attributable to obesity	Pearson-Stuttard J, Zhou B, Kontis V, Bentham J, Gunter MJ, Ezzati M. Worldwide burden of cancer attributable to diabetes and high body-mass index: a comparative risk assessment. *Lancet Diabetes Endocrinol.* 2018;6:e6-e15.

Costs of obesity

22	National health care expenditure	WHO (2019). World Health Statistics 2019. https://www.who.int/gho/publications/world_health_statistics/2019/EN_WHS_2019_Main.pdf Attributable costs to obesity: see https://www.worldobesity.org/resources/resource-library/calculating-the-costs-of-the-consequences-of-obesity.
23	Diabetes cases and deaths	International Diabetes Federation (2019) Diabetes Atlas ninth edition. 2019. Available at: https://www.diabetesatlas.org/en/
24	OECD countries with highest and lowest %GDP lossas a result of obesity	OECD, T*he Heavy Burden of Obesity: The Economics of Prevention.* 2019, OECD Health Policy Studies, OECD Publishing: Paris. https://doi.org/10.1787/888934007202.

* The figures for obesity prevalence are interpolated estimates calculated by the NCD Risk Factor Collaboration www.ncdrisc.org. For data based on measured surveys the World Obesity Federation provides interactive maps and downloadable graphics at our Global Obesity Observatory https://www.worldobesitydata.org/.

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Colour-coding of key data

Country reports have data shown with colour coding to indicate how the score compares with other countries on a standard rating scale.

The colour coded ratings are for:

1. A composite 'obesity risk' score (out of 10, the highest risk) based on obesity prevalence, rate of increase, likelihood of meeting the 2025 target, treatment indicator and childhood stunting levels.

2. The chance of meeting the 2025 obesity targets, for men and for women.

3. The recent growth in obesity prevalence on a compound annualised basis for men and for women.

4. An indicator of the availability of relevant health coverage for obesity, based on diabetes deaths per 1000 cases.

How the colour codes are applied.

Obesity risk score Maximum score 10 (highest risk).

Score	0	0.5	1.0
Adult male obesity prevalence in 2016	<10%	10-24.9%	>24.9%
Adult female obesity prevalence in 2016	<10%	10-24.9%	>24.9%
Child obesity prevalence in 2016	<5%	5-9.9%	>9.9%
CAGR for adult male and female obesity 1995-2015	<2.0%	2.0-4.9%	>4.9%
CAGR for adult female obesity 1995-2015	<2.0%	2.0-4.9%	>4.9%
Chance of meeting 2025 target for adult males	>60%	30-60%	<30%
Chance of meeting 2025 target for adult females	>60%	30-60%	<30%
Chance of meeting 2025 target for children	>60%	30-60%	<30%
Diabetes UHC target deaths/1000 cases	<5.0	5.0-9.9	>9.9
Infant stunting	<5.0%	5.0-9.9%	>9.9%

7.0-10.0 pale red = high risk
4.0-6.9 amber = moderate risk
0.0-3.9 green = low risk

Chance of meeting UN adult obesity targets for 2025	**<30%** **30%-70%** **>70%**	red = very poor chance amber = poor chance green = moderate chance
Annualised growth in adult obesity in two decades 1995-2015	**>3%** **1-3%** **<1%**	red = very rapid growth amber = rapid growth green = moderate growth
Health coverage indicator: diabetes deaths per 1000 cases	**>9.9** **5.0-9.9** **<5.0**	red = poor availability amber = moderate availability green = good availability

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