

Report card Kenya

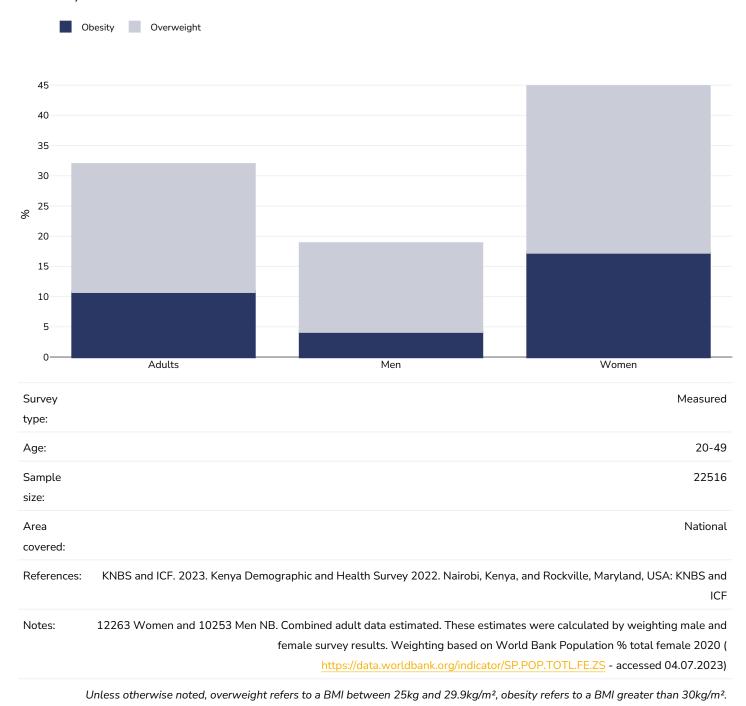


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Obesity prevalence

Adults, 2022

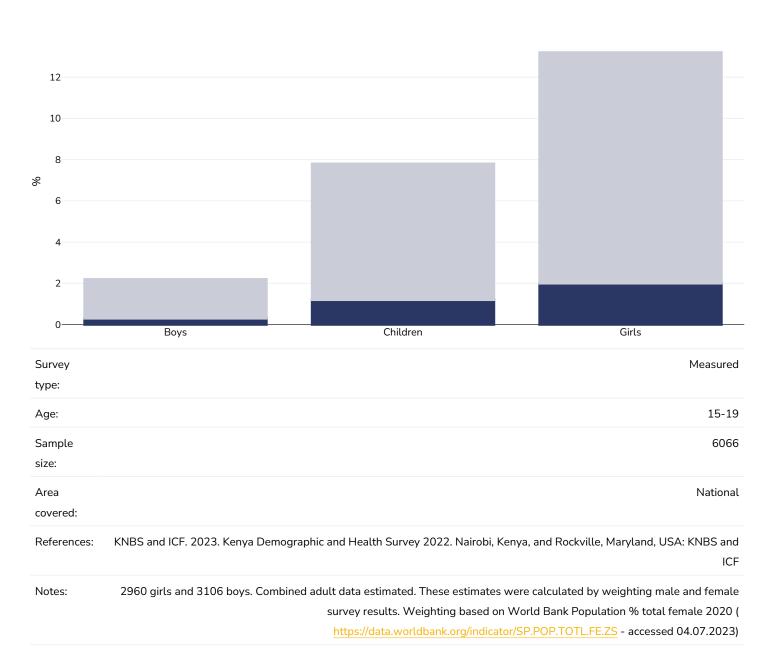




Children, 2022

Cutoffs:



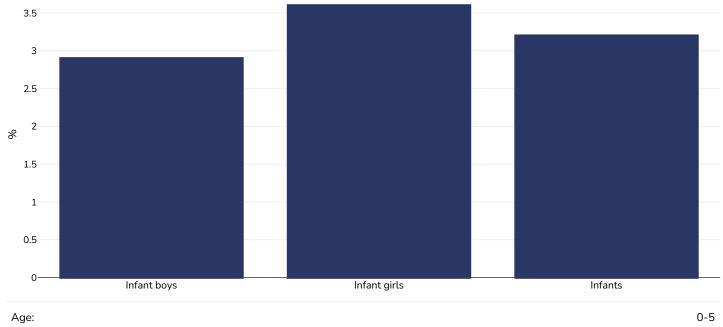


WHO 2007



Infants, 2022

Overweight or obesity



Sample 17238 size:

References:

DHS: Kenya Demographic and Health Survey 2022

Notes:

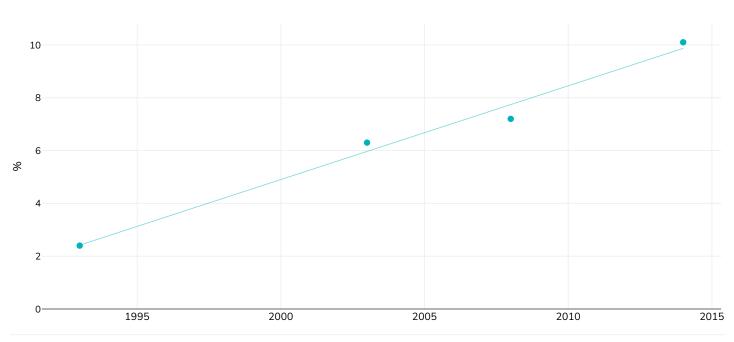
UNICEF/WHO/World Bank Joint Child Malnutrition Estimates Expanded Database: Overweight (Survey Estimates), May 2023, New York. For more information about the methodology, please consult https://data.unicef.org/resources/jme-2023-country-consultations/ Percentage of children under 5 years of age falling above 2 standard deviations (moderate and severe) from the median weight-for-height of the reference population.

Definitions: =>+2SD



% Adults living with obesity in Kenya 1993-2014

Obesity, Women



Survey Measured type:

References:

1993: Martorell R, Khan LK, Hughes ML, Grummer Strawn LM. Obesity in women from developing countries. EJCN (2000) 54:247-252

2003: Central Bureau of Statistics - CBS/Kenya, Ministry of Health - MOH/Kenya, and ORC Macro. 2004. Kenya Demographic and Health Survey 2003. Calverton, Maryland: CBS, MOH, and ORC Macro.

2008: Kenya National Bureau of Statistics - KNBS - and ICF Macro. 2010. Kenya Demographic and Health Survey 2008-09.

Calverton, Maryland: KNBS and ICF Macro.

2014: Kenya National Bureau of Statistics, Ministry of Health/Kenya, National AIDS Control Council/Kenya, Kenya Medical Research Institute, National Council for Population and Development/Kenya, and ICF International. 2015. Kenya Demographic and Health Survey 2014. Rockville, MD, USA: Kenya National Bureau of Statistics, Ministry of Health/Kenya, National AIDS Control Council/Kenya, Kenya Medical Research Institute, National Council for Population and Development/Kenya, and ICF International.

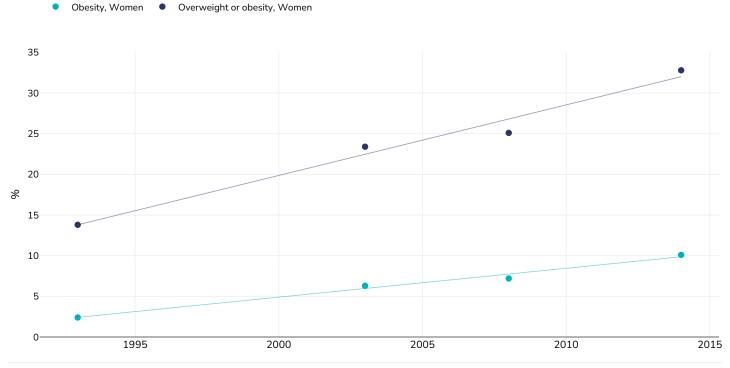
Notes: Adults 15-49

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

Different methodologies may have been used to collect this data and so data from different surveys may not be strictly comparable. Please check with original data sources for methodologies used.



% Adults living with overweight or obesity in Kenya 1993-2014



Survey Measured type:

References:

1993: Martorell R, Khan LK, Hughes ML, Grummer Strawn LM. Obesity in women from developing countries. EJCN (2000) 54:247-252

2003: Central Bureau of Statistics - CBS/Kenya, Ministry of Health - MOH/Kenya, and ORC Macro. 2004. Kenya Demographic and Health Survey 2003. Calverton, Maryland: CBS, MOH, and ORC Macro.

2008: Kenya National Bureau of Statistics - KNBS - and ICF Macro. 2010. Kenya Demographic and Health Survey 2008-09.

Calverton, Maryland: KNBS and ICF Macro.

2014: Kenya National Bureau of Statistics, Ministry of Health/Kenya, National AIDS Control Council/Kenya, Kenya Medical Research Institute, National Council for Population and Development/Kenya, and ICF International. 2015. Kenya Demographic and Health Survey 2014. Rockville, MD, USA: Kenya National Bureau of Statistics, Ministry of Health/Kenya, National AIDS Control Council/Kenya, Kenya Medical Research Institute, National Council for Population and Development/Kenya, and ICF International.

Notes: Adults 15-49

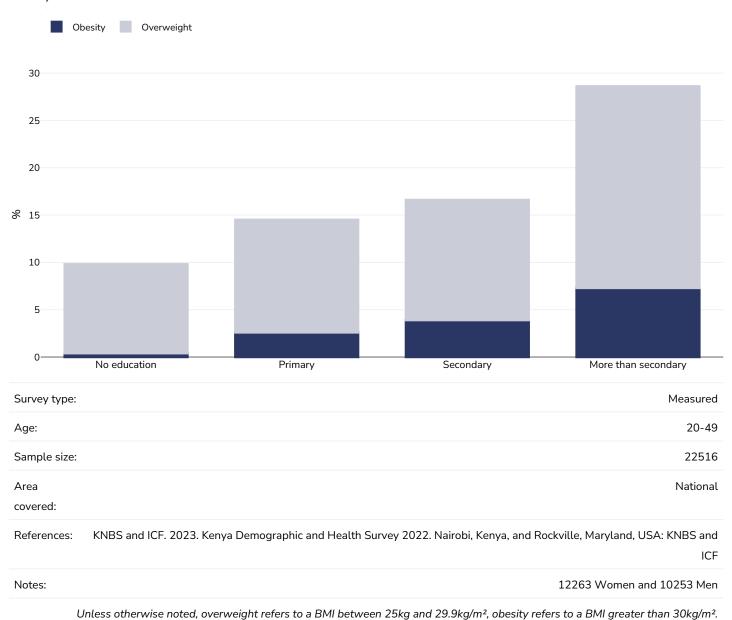
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Different methodologies may have been used to collect this data and so data from different surveys may not be strictly comparable. Please check with original data sources for methodologies used.



Overweight/obesity by education

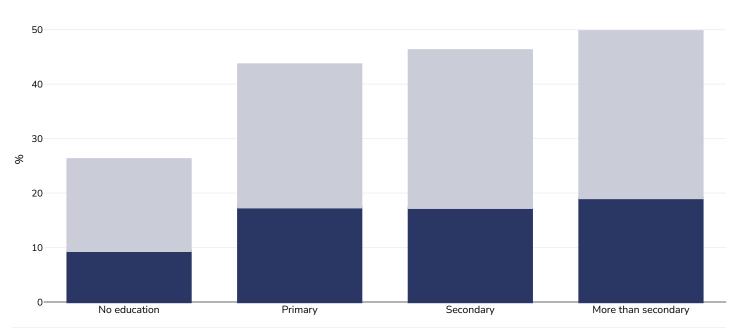
Men, 2022





Women, 2022



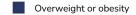


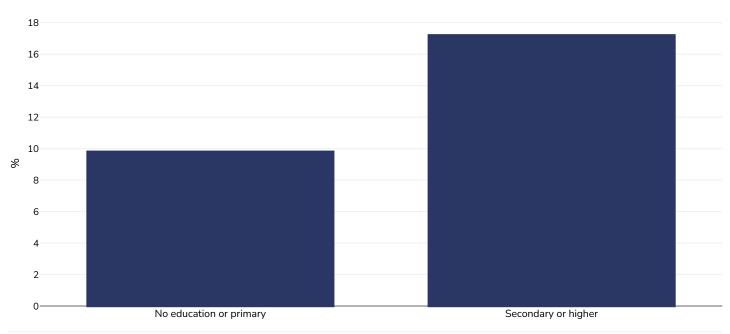
Survey type:	Measured
Age:	20-49
Sample size:	22516
Area covered:	National
References:	KNBS and ICF. 2023. Kenya Demographic and Health Survey 2022. Nairobi, Kenya, and Rockville, Maryland, USA: KNBS and ICF
Notes:	12263 Women and 10253 Men

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



Girls, 2014





Survey	Measured
type:	
Age:	15-19
Sample size:	2051
Area covered:	National

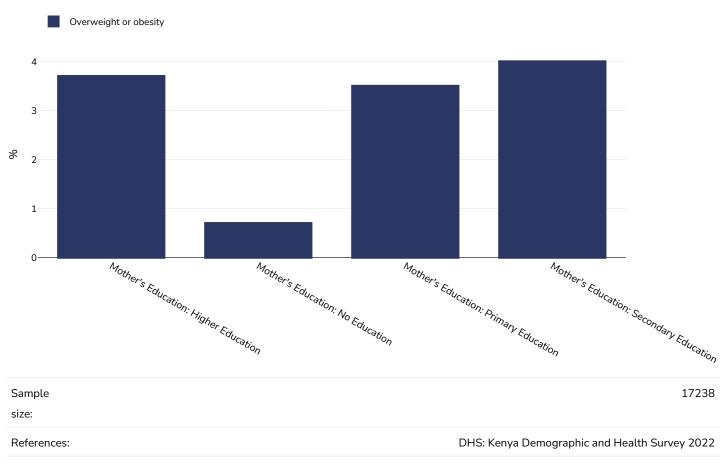
References:

Benedict, Rukundo K., Allison Schmale, and Sorrel Namaste. 2018. Adolescent Nutrition 2000-2017: DHS Data on Adolescents Age 15-19. DHS Comparative Report No. 47. Rockville, Maryland, USA: ICF. Kenya National Bureau of Statistics, Ministry of Health/Kenya, National AIDS Control Council/Kenya, Kenya Medical Research Institute, National Council for Population and Development/Kenya, and ICF International. 2015. Kenya Demographic and Health Survey 2014. Rockville, MD, USA: Kenya National Bureau of Statistics, Ministry of Health/Kenya, National AIDS Control Council/Kenya, Kenya Medical Research Institute, National Council for Population and Development/Kenya, and ICF International.

Definitions:	BMI for age: between +1 SD and +2 SD is overweight and greater than +2 SD is obesity
Cutoffs:	WHO 2007



Infants, 2022



Notes:

UNICEF/WHO/World Bank Joint Child Malnutrition Estimates Expanded Database: Overweight (Survey Estimates), May 2023, New York. For more information about the methodology, please consult https://data.unicef.org/resources/jme-2023-country-consultations/ Percentage of children under 5 years of age falling above 2 standard deviations (moderate and severe) from the median weight-for-height of the reference population.

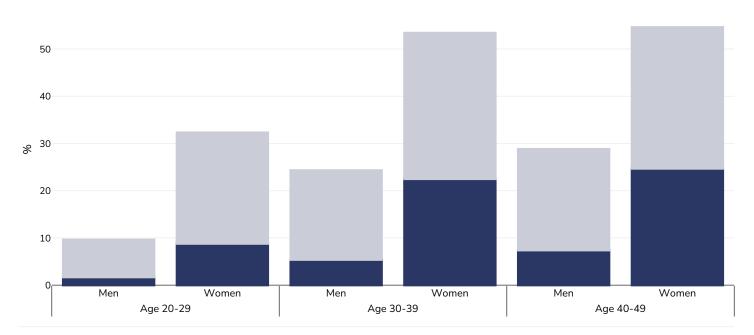
Definitions: =>+2SD



Overweight/obesity by age

Adults, 2022





Survey type:	Measured
Sample size:	22516
Area covered:	National
References:	KNBS and ICF. 2023. Kenya Demographic and Health Survey 2022. Nairobi, Kenya, and Rockville, Maryland, USA: KNBS and

Notes: 12263 Women and 10253 Men

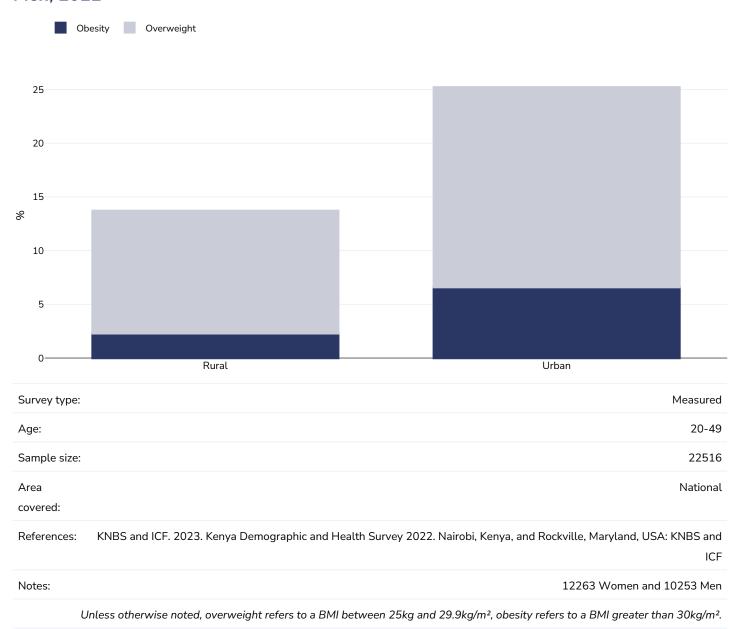
 $Unless \ otherwise \ noted, overweight \ refers \ to \ a \ BMI \ between \ 25kg \ and \ 29.9kg/m^2, obesity \ refers \ to \ a \ BMI \ greater \ than \ 30kg/m^2.$

ICF



Overweight/obesity by region

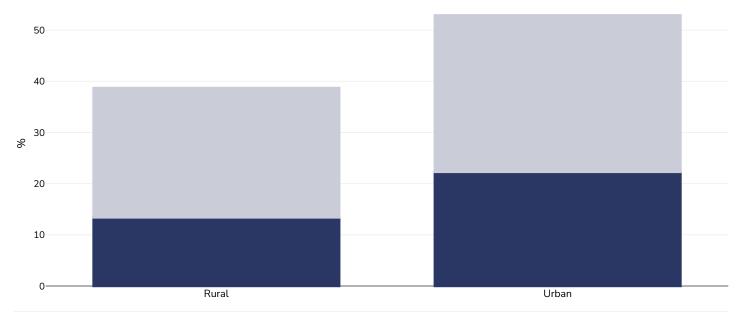
Men, 2022





Women, 2022





Survey type:	Measured
Age:	20-49
Sample size:	22516
Area covered:	National
References:	KNBS and ICF. 2023. Kenya Demographic and Health Survey 2022. Nairobi, Kenya, and Rockville, Maryland, USA: KNBS and

ICF

Notes: 12263 Women and 10253 Men

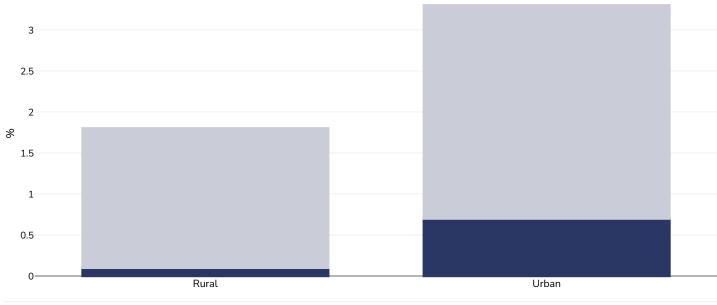
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



Boys, 2022

Cutoffs:



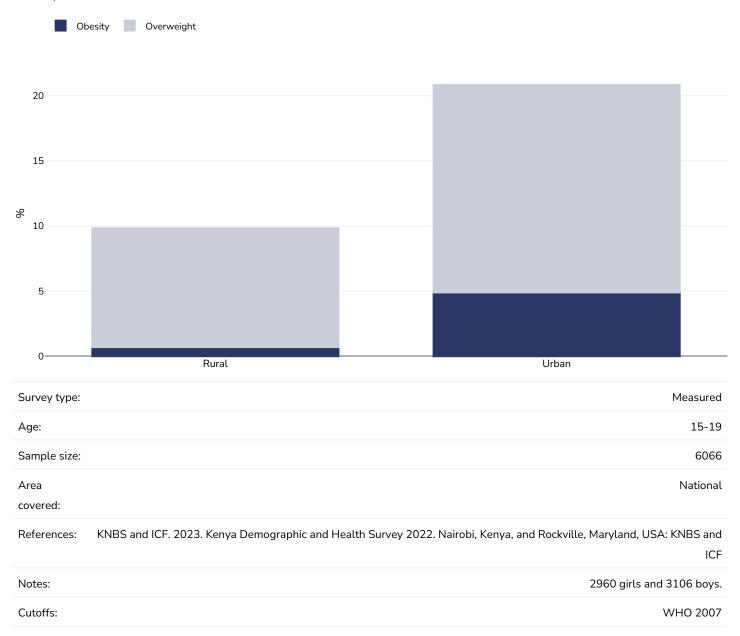


Survey type:	Measured
Age:	15-19
Sample size:	6066
Area covered:	National
References:	KNBS and ICF. 2023. Kenya Demographic and Health Survey 2022. Nairobi, Kenya, and Rockville, Maryland, USA: KNBS and ICF
Notes:	2960 girls and 3106 boys.

WHO 2007

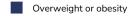


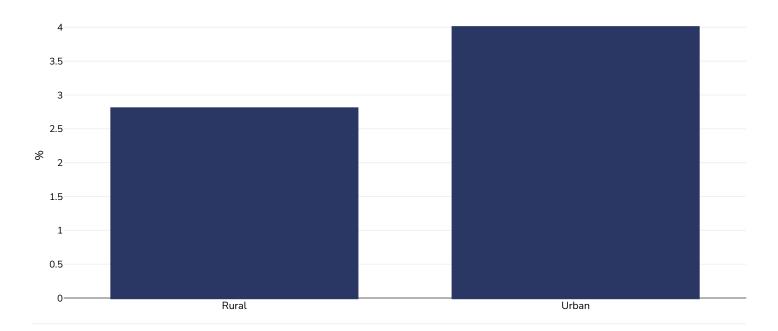
Girls, 2022





Infants, 2022





size:

References:

DHS: Kenya Demographic and Health Survey 2022

17238

Notes:

Sample

UNICEF/WHO/World Bank Joint Child Malnutrition Estimates Expanded Database: Overweight (Survey Estimates), May 2023, New York. For more information about the methodology, please consult https://data.unicef.org/resources/jme-2023-country-consultations/ Percentage of children under 5 years of age falling above 2 standard deviations (moderate and severe) from the median weight-for-height of the reference population.

Definitions: =>+2SD



Overweight/obesity by socio-economic group

2nd

Men, 2022

Lowest quintile

Notes:



Survey type:	Measured
Age:	20-49
Sample size:	22516
Area covered:	National
References:	KNBS and ICF. 2023. Kenya Demographic and Health Survey 2022. Nairobi, Kenya, and Rockville, Maryland, USA: KNBS and ICF

Middle

Highest quintile

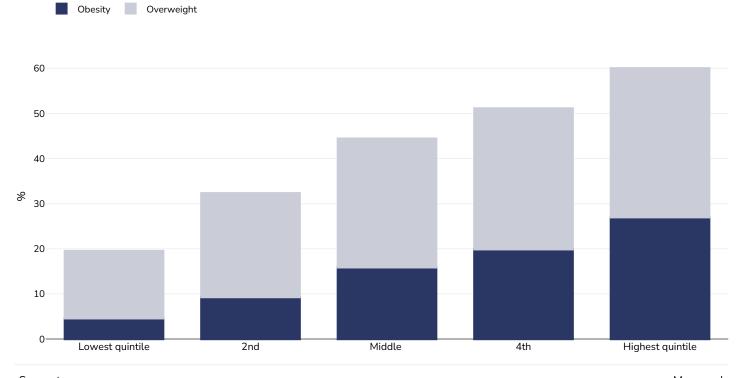
12263 Women and 10253 Men

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



Women, 2022

Notes:



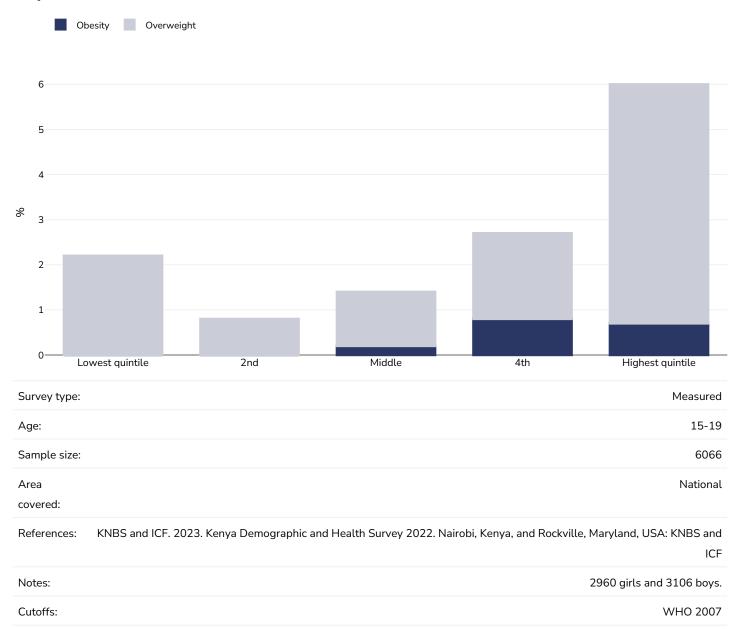
Survey type:	Measured
Age:	20-49
Sample size:	22516
Area covered:	National
References:	KNBS and ICF. 2023. Kenya Demographic and Health Survey 2022. Nairobi, Kenya, and Rockville, Maryland, USA: KNBS and ICF

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

12263 Women and 10253 Men

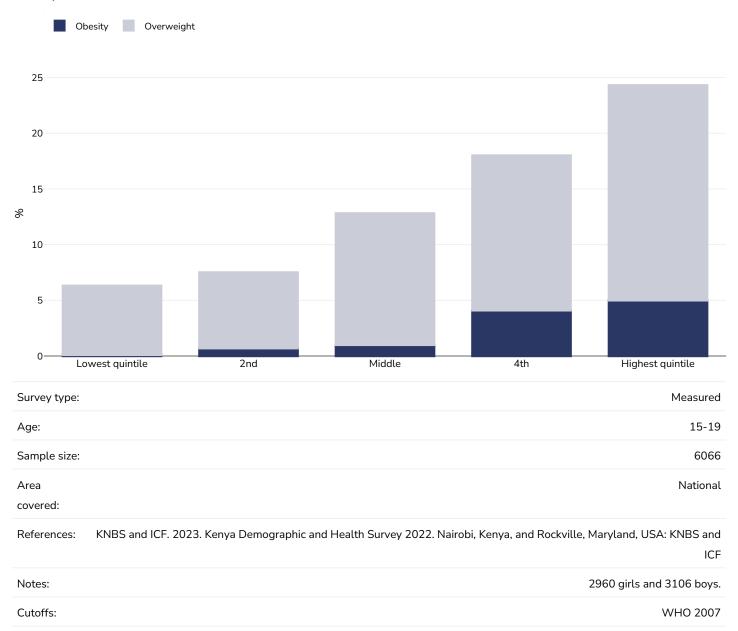


Boys, 2022





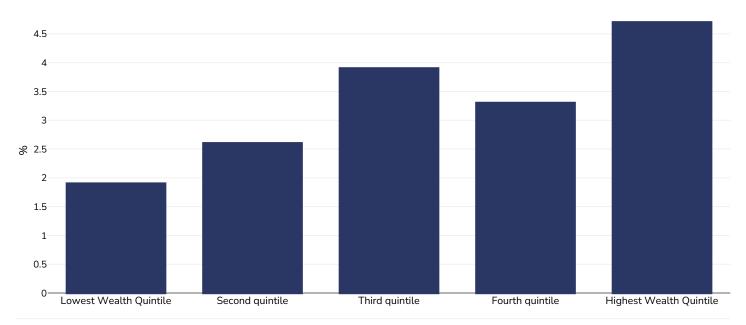
Girls, 2022





Infants, 2022

Overweight or obesity



Sample 17238

References:

DHS: Kenya Demographic and Health Survey 2022

Notes:

size:

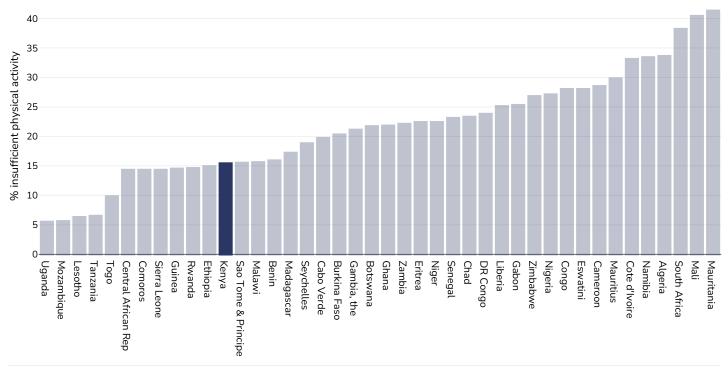
UNICEF/WHO/World Bank Joint Child Malnutrition Estimates Expanded Database: Overweight (Survey Estimates), May 2023, New York. For more information about the methodology, please consult https://data.unicef.org/resources/jme-2023-country-consultations/ Percentage of children under 5 years of age falling above 2 standard deviations (moderate and severe) from the median weight-for-height of the reference population.

Definitions: =>+2SD



Insufficient physical activity

Adults, 2016

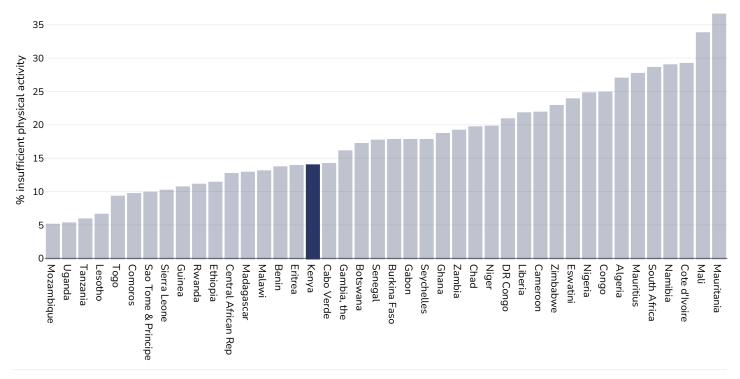


References: Guthold R, Stevens GA, Riley LM, Bull FC. Worldwide trends in insufficient physical activity from 2001 to 2016: a pooled analysis of 358 population-based surveys with 1.9 million participants. Lancet 2018 http://dx.doi.org/10.1016/S2214-109X

(18)30357-7



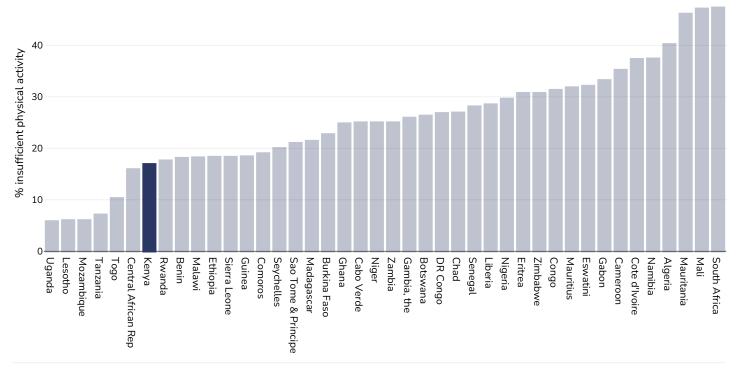
Men, 2016



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



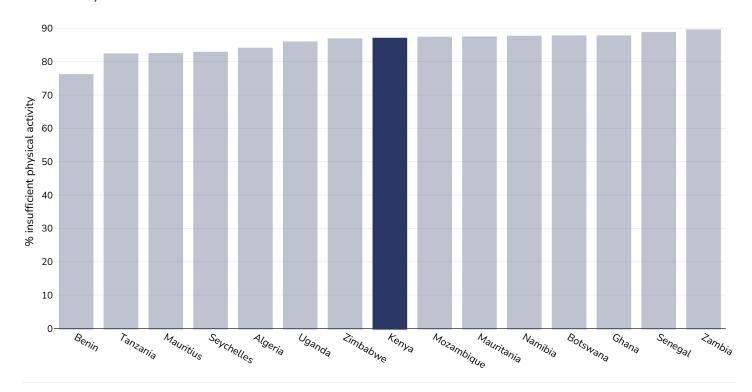
Women, 2016



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



Children, 2016



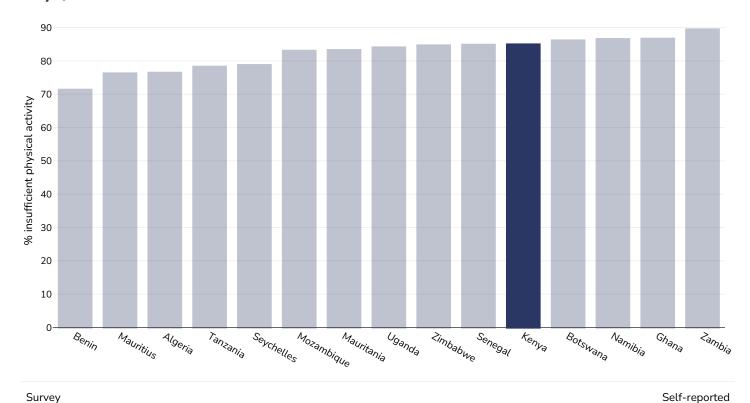
Survey	Self-reported
type:	
Age:	11-17
References: Global Health Observatory data repository, World Health Organi https://apps.who.int/gho/data/node.main.A893ADO?lang=en (last accessed 16.	
Notes:	% of school going adolescents not meeting WHO recommendations on Physical Activity for Health, i.e. doing less than 60

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

Definitions: % Adolescents insufficiently active (age standardised estimate)



Boys, 2016



Age: 11-17	type:	
	Age:	11-17

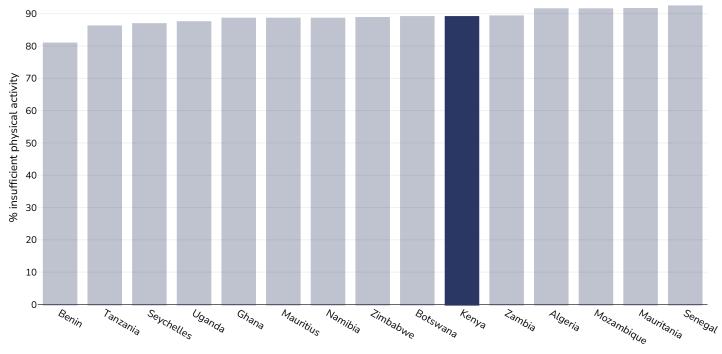
References: Global Health Observatory data repository, World Health Organisation, https://apps.who.int/gho/data/node.main.A893ADO?lang=en (last accessed 16.03.21)

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

Definitions: % Adolescents insufficiently active (age standardised estimate)



Girls, 2016



Survey type:	Self-reported	
Age:	11-17	
References:	rences: Global Health Observatory data repository, World Health Organisa https://apps.who.int/gho/data/node.main.A893ADO?lang=en (last accessed 16.03	
Notes:	% of school going adolescents not meeting WHO recommendations on Physical Activity for Health, i.e. doing less than 60	

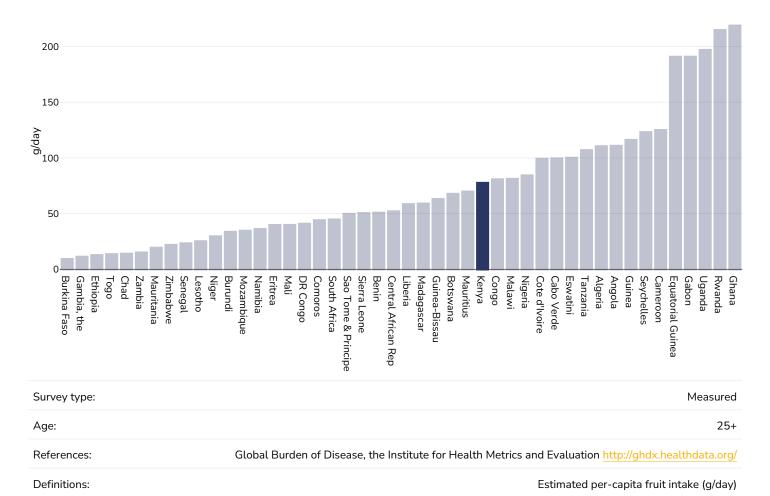
minutes of moderate- to vigorous-intensity physical activity daily.

Definitions: % Adolescents insufficiently active (age standardised estimate)



Estimated per capita fruit intake

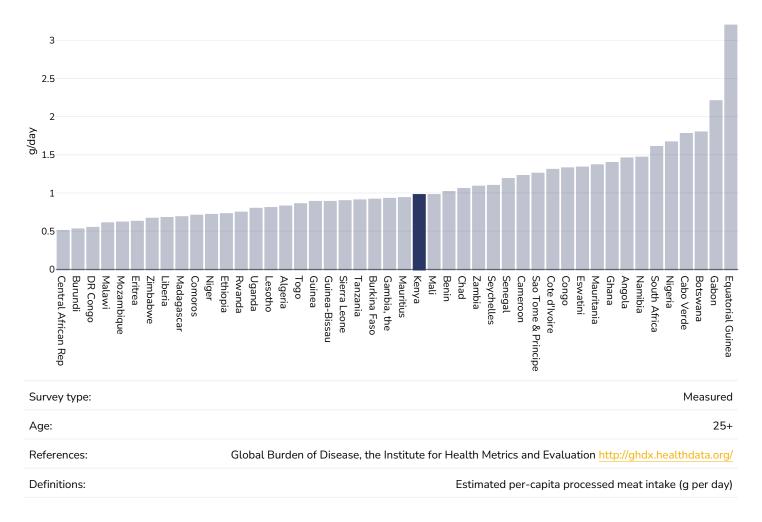
Adults, 2017





Estimated per-capita processed meat intake

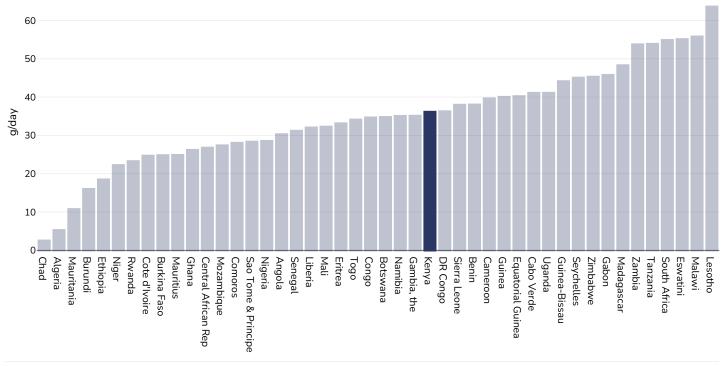
Adults, 2017





Estimated per capita whole grains intake

Adults, 2017

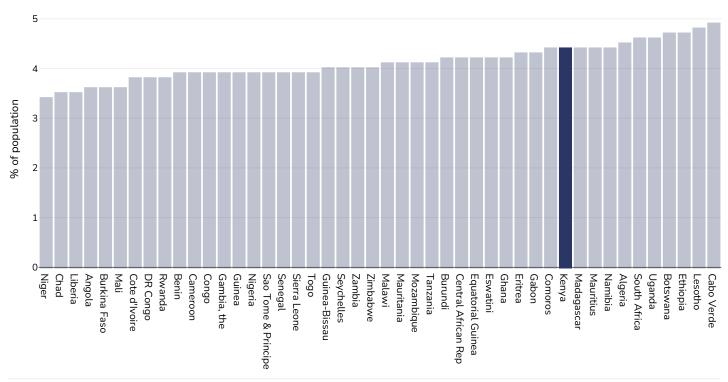


Survey type: Measured
Age: 25+
References: Global Burden of Disease, the Institute for Health Metrics and Evaluation http://ghdx.healthdata.org/
Definitions: Estimated per-capita whole grains intake (g/day)



Mental health - depression disorders

Adults, 2015



References: Prevalence data from Global Burden of Disease study 2015 (http://ghdx.healthdata.org) published in: Depression and Other Common Mental Disorders: Global Health Estimates. Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0

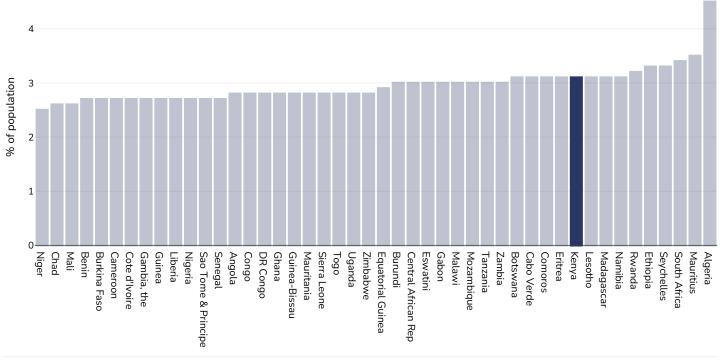
IGO.

Definitions: % of population with depression disorders



Mental health - anxiety disorders

Adults, 2015



References: Prevalence data from Global Burden of Disease study 2015 (http://ghdx.healthdata.org) published in: Depression and Other Common Mental Disorders: Global Health Estimates. Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0

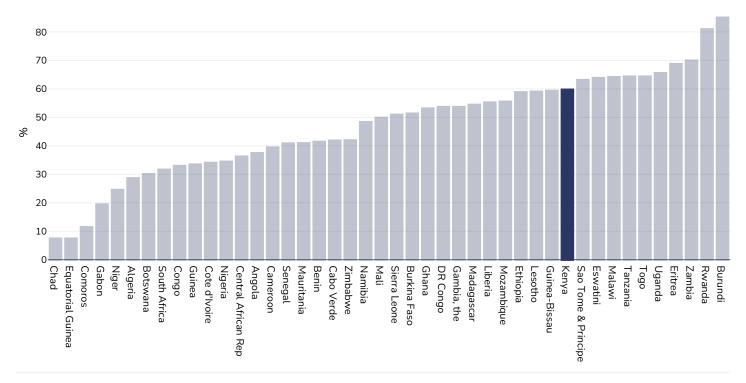
IGO.

Definitions: % of population with anxiety disorders



% Infants exclusively breastfed 0-5 months

Infants, 2010-2023



References:

Kenya Demographic and Health Survey 2022

Notes:

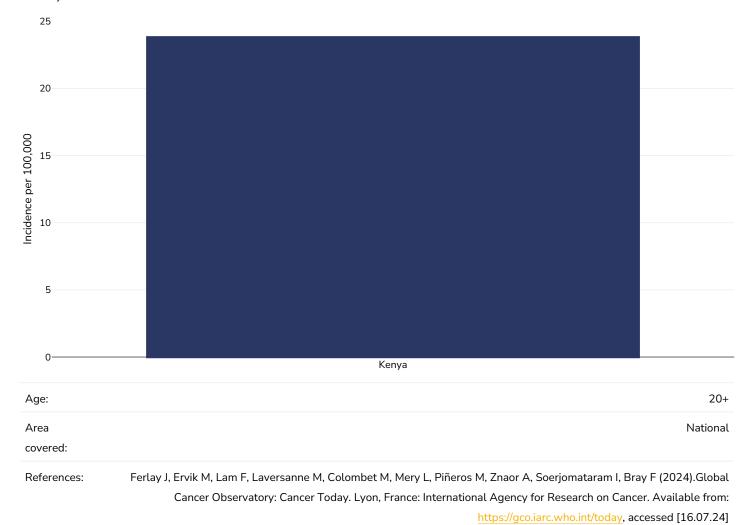
Full details are available. Original citation United Nations Children's Fund, Division of Data, Analysis, Planning and Monitoring (2023). Global UNICEF Global Databases: Infant and Young Child Feeding: Exclusive breastfeeding, New York, October 2023.



Oesophageal cancer

Men, 2022

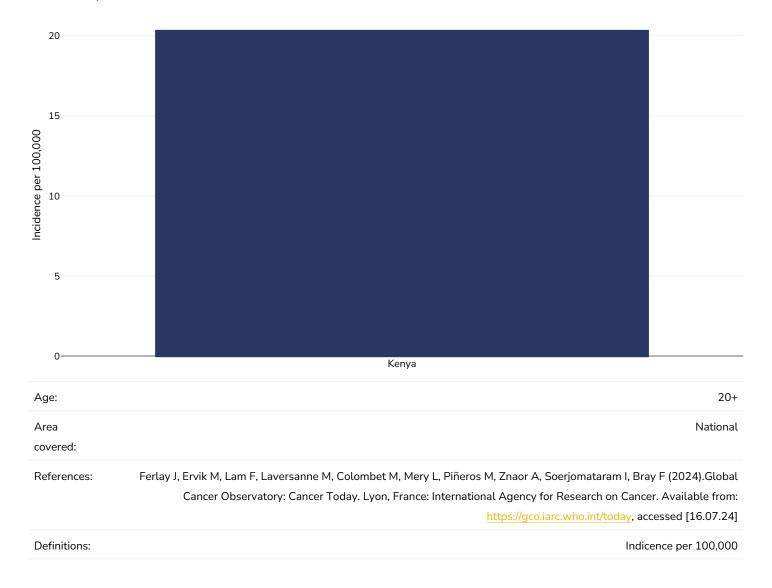
Definitions:



Indicence per 100,000



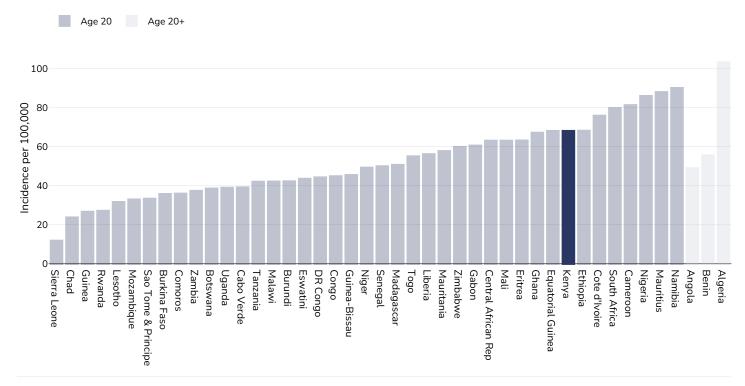
Women, 2022





Breast cancer

Women, 2022



Area National covered:

References:

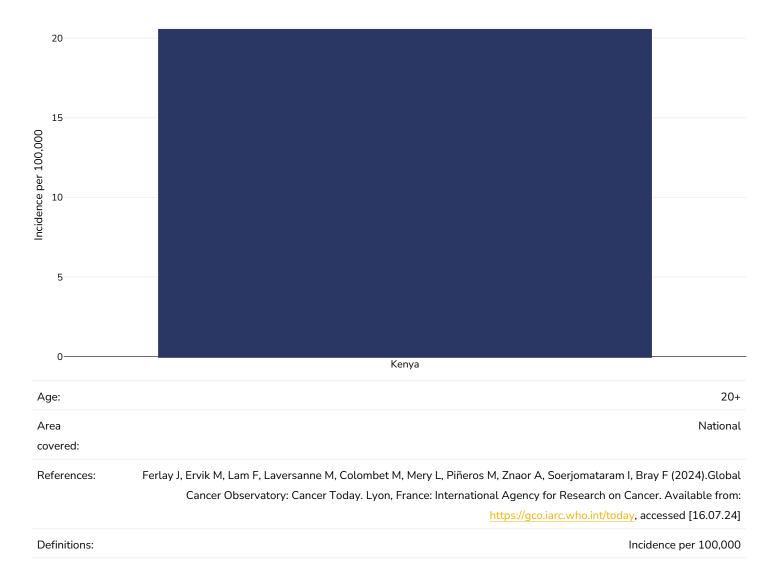
Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: https://gco.iarc.who.int/today, accessed [16.07.24]

Definitions: Incidence per 100,000

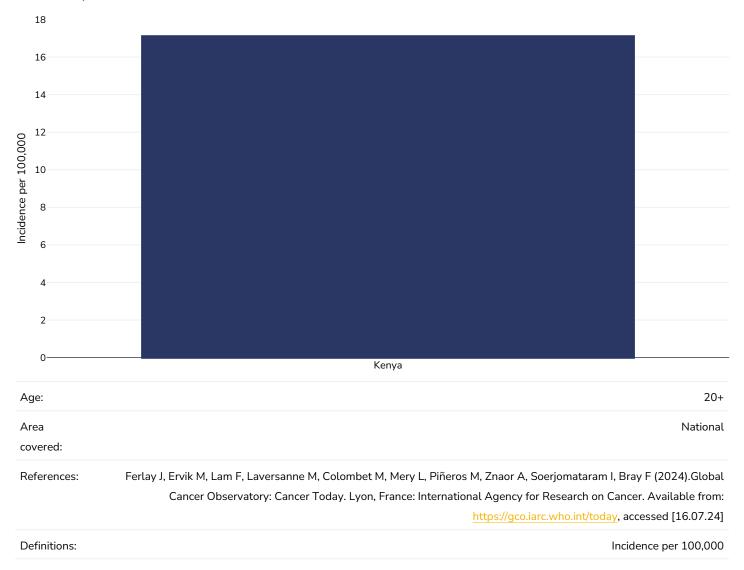


Colorectal cancer

Men, 2022







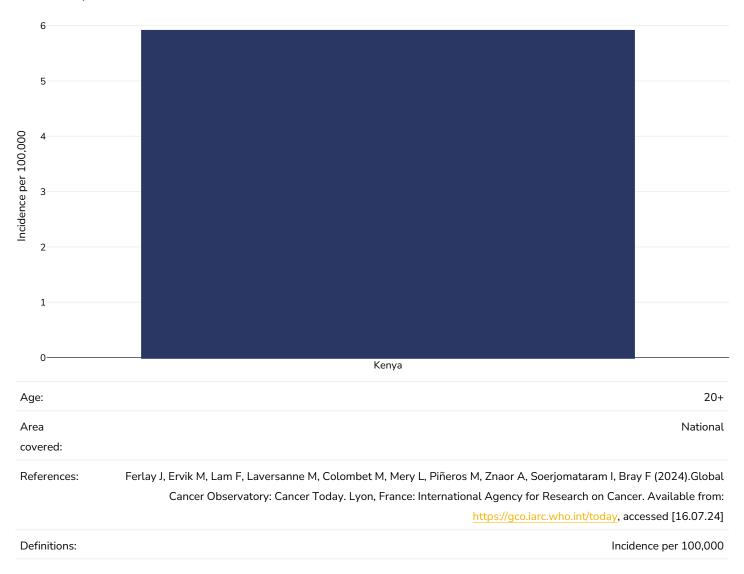


Pancreatic cancer

Men, 2022







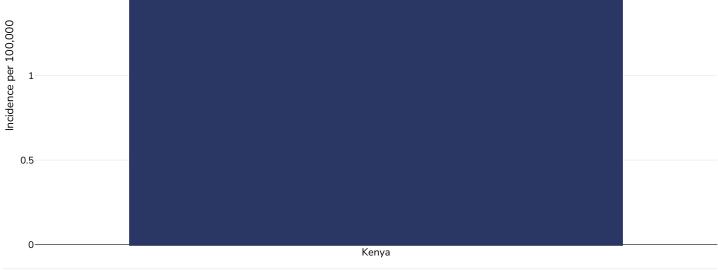


Gallbladder cancer

Men, 2022

2





Age: 20+

Area National covered:

References:

Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024).Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

https://gco.iarc.who.int/today, accessed [16.07.24]

Definitions: Indicence per 100,000

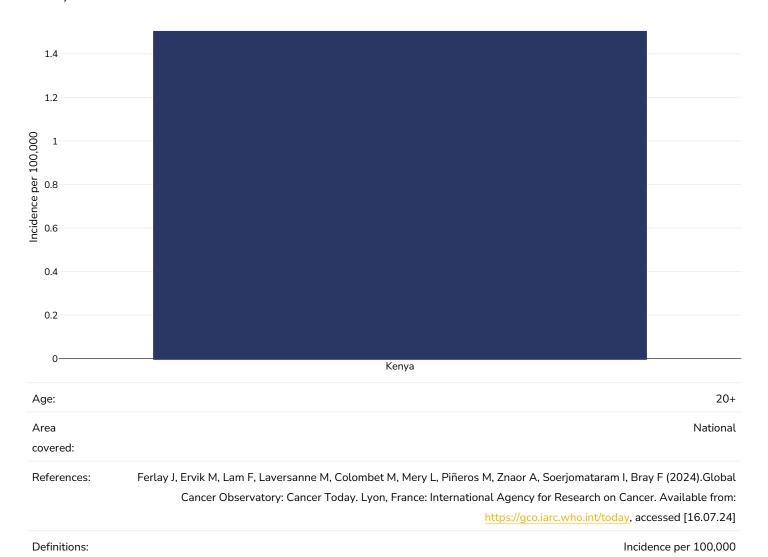




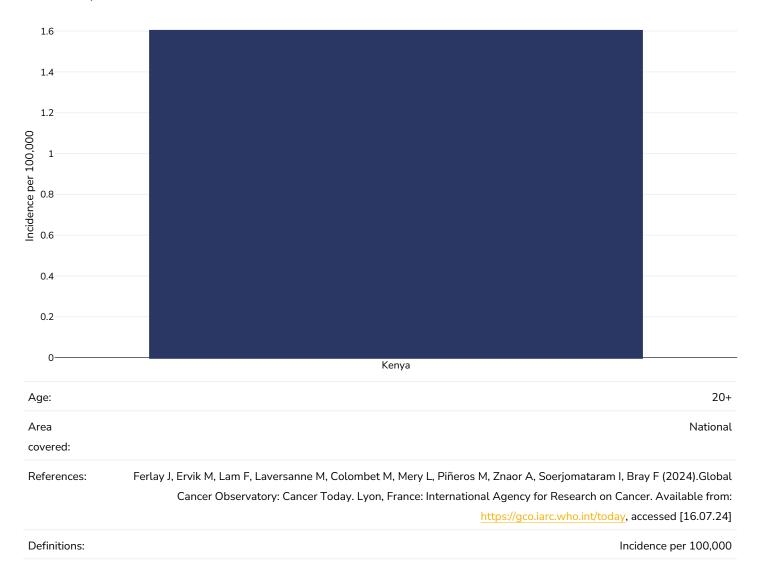


Kidney cancer

Men, 2022



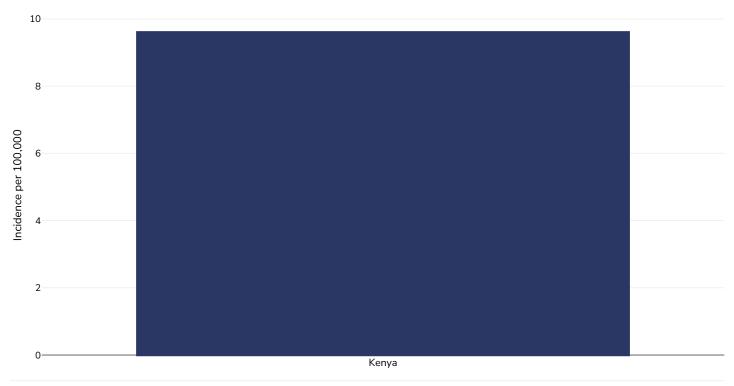






Cancer of the uterus

Women, 2022



Age: 20+

References:

Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

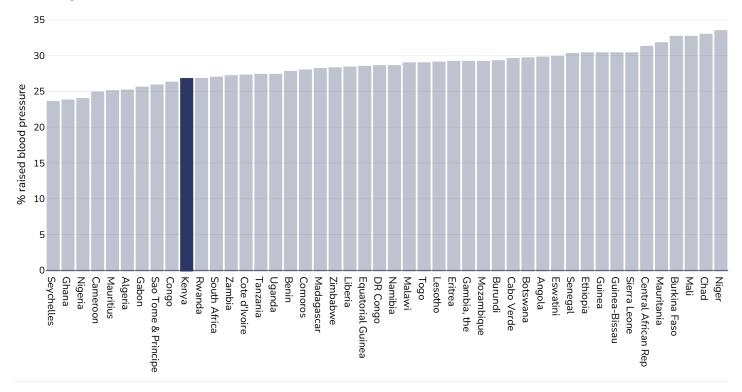
https://gco.iarc.who.int/today, accessed [16.07.24]

Definitions: Incidence per 100,000



Raised blood pressure

Adults, 2015



References:

Global Health Observatory data repository, World Health Organisation,

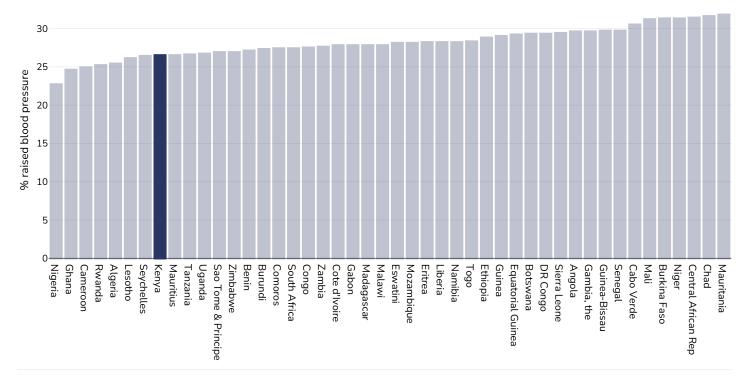
http://apps.who.int/gho/data/node.main.A875?lang=en

Definitions:

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



Men, 2015



References:

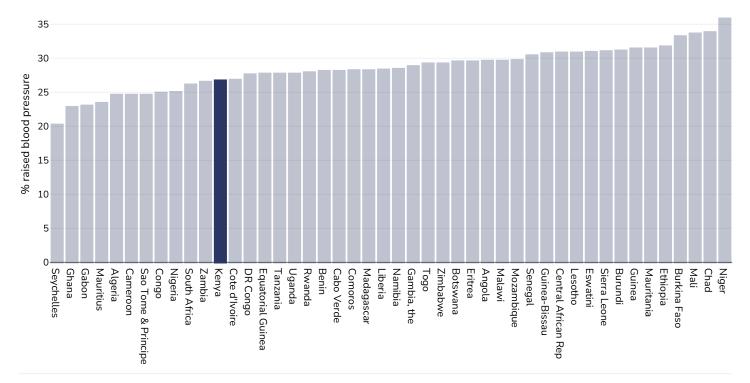
Global Health Observatory data repository, World Health Organisation,

http://apps.who.int/gho/data/node.main.A875?lang=en

Definitions:

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





References:

Global Health Observatory data repository, World Health Organisation,

http://apps.who.int/gho/data/node.main.A875?lang=en

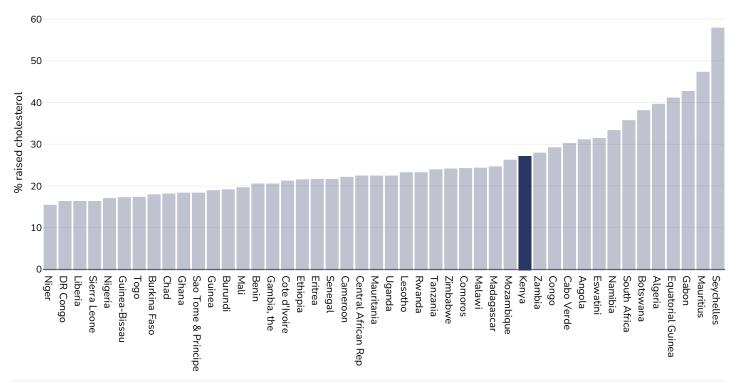
Definitions:

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



Raised cholesterol

Adults, 2008



References:

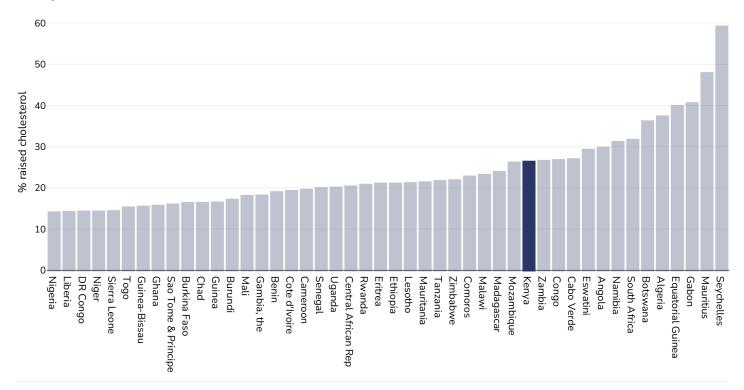
Global Health Observatory data repository, World Health Organisation, http://apps.who.int/gho/data/node.main.A885

Definitions:

% Raised total cholesterol (>= 5.0 mmol/L) (age-standardized estimate).



Men, 2008



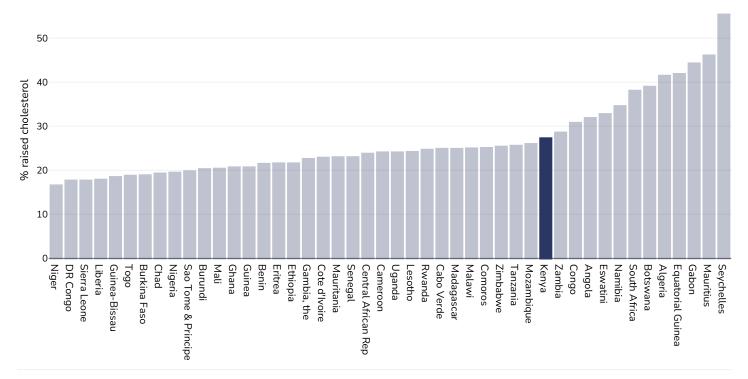
References:

 $Global\ Health\ Observatory\ data\ repository,\ World\ Health\ Organisation,\ \underline{http://apps.who.int/gho/data/node.main.A885}$

Definitions:

% Raised total cholesterol (>= 5.0 mmol/L) (age-standardized estimate).





References:

Global Health Observatory data repository, World Health Organisation, http://apps.who.int/gho/data/node.main.A885

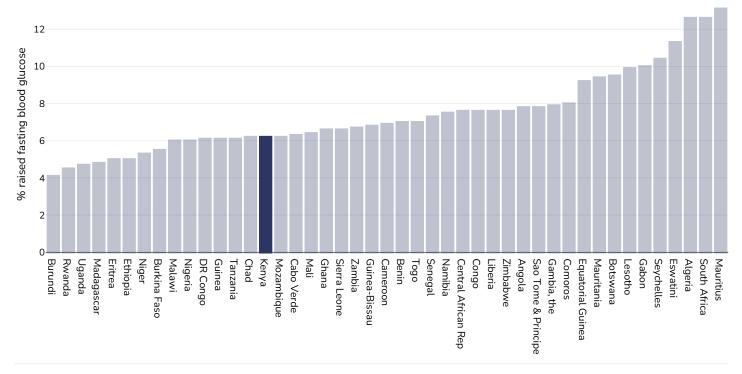
Definitions:

% Raised total cholesterol (>= 5.0 mmol/L) (age-standardized estimate).



Raised fasting blood glucose

Men, 2014



References:

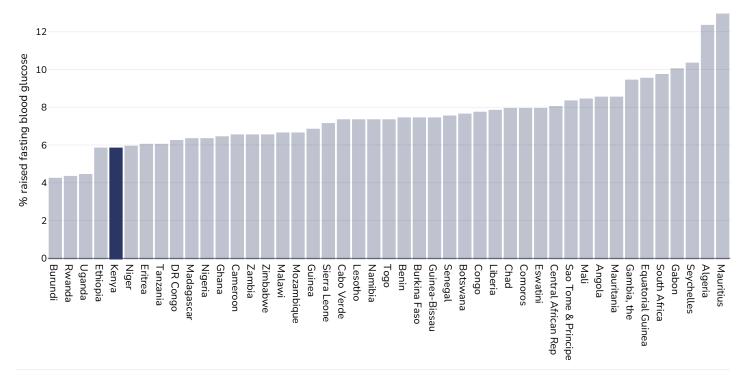
Global Health Observatory data repository, World Health Organisation,

http://apps.who.int/gho/data/node.main.A869?lang=en

Definitions:

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





References:

Global Health Observatory data repository, World Health Organisation,

http://apps.who.int/gho/data/node.main.A869?lang=en

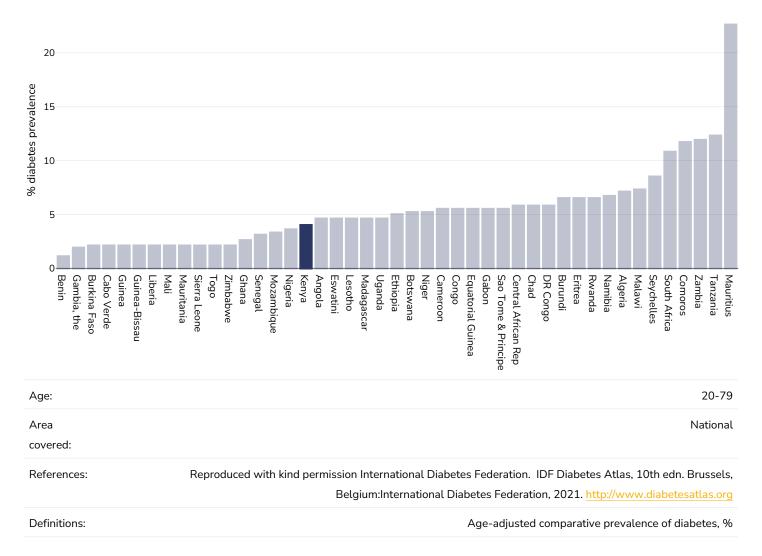
Definitions:

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



Diabetes prevalence

Adults, 2021





Contextual factors

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



Labelling

Is there mandatory nutrition labelling?	✓
Front-of-package labelling?	×
Back-of-pack nutrition declaration?	✓
Color coding?	×
Warning label?	×





Regulation and marketing

Are there fiscal policies on unhealthy products?	X
Tax on unhealthy foods?	X
Tax on unhealthy drinks?	X
Are there fiscal policies on healthy products?	X
Subsidy on fruits?	X
Subsidy on vegetables?	X
Subsidy on other healthy products?	X
Mandatory limit or ban of trans fat (all settings)?	~
Mandatory limit of trans fats in place (all settings)?	~
Ban on trans-fats or phos in place (all settings)?	×
Are there any mandatory policies/marketing restrictions on the promotion of unhealthy food/drinks to children?	X
Mandatory restriction on broadcast media?	X
Mandatory restriction on non-broadcast media?	X
Voluntary policies/marketing restrictions on the promotion of unhealthy food/drinks to children?	X
Are there mandatory standards for food in schools?	X
Are there any mandatory nutrient limits in any manufactured food products?	~
Nutrition standards for public sector procurement?	X





Political will and support

National obesity strateg	y or nutrition and phy	sical activity nationa	l strategy?		~
National obesity strategy?					X
National childhood obesity str	ategy?				X
Comprehensive nutrition strat	egy?				~
Comprehensive physical activi	ty strategy?				~
Evidence-based dietary	guidelines and/or RD/	As?			~
National target(s) on red	ducing obesity?				~
Guidelines/policy on obe	esity treatment?				X
Promotion of breastfeed	ling?				~
	nd surveillance				
Monitoring of the preval	ence and incidence fo	or the main obesity-ro	elated NCDs and ris	sk factors?	<u> </u>
Within 5 years? Governance	and resource				~
Multi-sectoral national o	co-ordination mechan	ism for obesity or nu	trition (including ob	pesity)?	~
Key Present	V Present	Incoming	Absent	? Unkn	own
	(voluntary)				

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