

# Report card Malta



# High income

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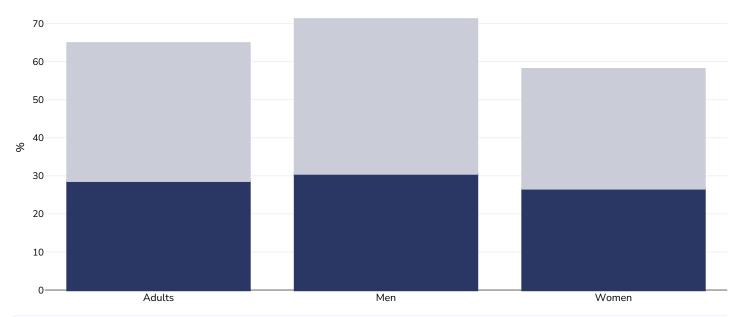
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# **Obesity prevalence**

# Adults, 2019





Survey type:

Age:

Area

Covered:

References:

Eurostat 2019. Data available at https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en (last

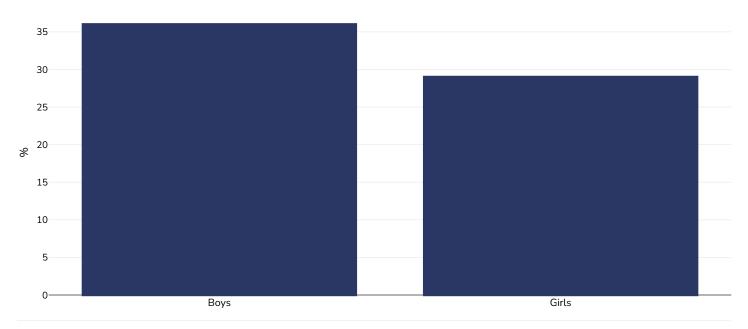
accessed 09.08.21)

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



#### Children, 2021-2022

#### Overweight or obesity



Survey Self-reported type:

Age: 13

References: Rakic JG, Hamrik Z, Dzielska A, Felder-Puig R, Oja L, Bakalár P et al. A focus on adolescent physical activity, eating behaviours, weight status and body image in Europe, central Asia and Canada. Health Behaviour in School-aged Children (HBSC) international report from the 2021/2022 survey. Volume 4. Copenhagen: WHO Regional Office for Europe; 2024. 'Any translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition'

Notes: HBSC aims to survey approximately 1500 pupils per age group in each country or region (totaling around 4500)

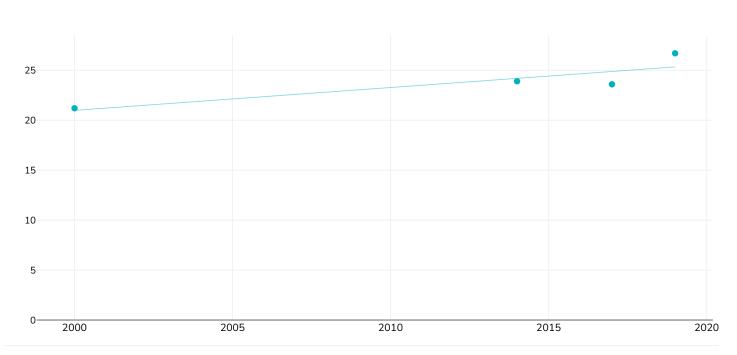
Cutoffs: +2SD



# Malta trends obesity 2000 2019

#### Women

Obesity



Survey Self-reported

type:

References:

2000: Eurostat Yearbook 2006/07. A goldmine of statistical information. Available at

 $\frac{\text{https://ec.europa.eu/eurostat/documents/2995521/5059290/1-20022007-BP-EN.PDF.pdf/edab8c31-b9f3-4c8e-b4db-4137bd045efa?t=1414683510000} \text{(last accessed 04.11.21)}$ 

2014: 2014 Eurostat Database: <a href="http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en">http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en</a> (last accessed 25.08.20)

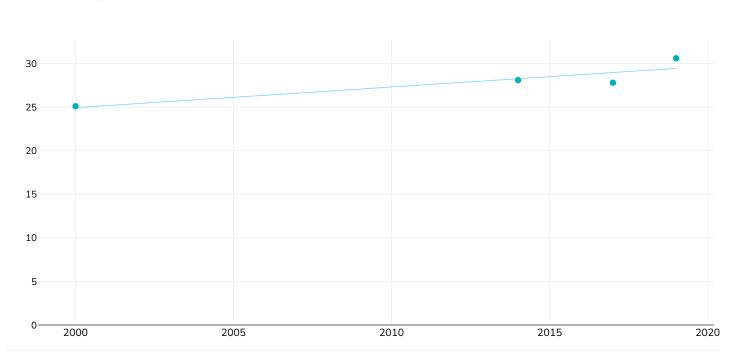
2017: 2017 - EUROSTAT Database <a href="http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=ilc\_hch10&lang=en">http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=ilc\_hch10&lang=en</a> (last accessed 25.08.20)

2019: Eurostat 2019. Data available at <a href="https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en">https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en</a> (last accessed 09.08.21)



#### Men





Survey Self-reported

type: References:

2000: Eurostat Yearbook 2006/07. A goldmine of statistical information. Available at

(last accessed 09.08.21)

https://ec.europa.eu/eurostat/documents/2995521/5059290/1-20022007-BP-EN.PDF.pdf/edab8c31-b9f3-4c8e-b4db-4137bd045efa?t=1414683510000 (last accessed 04.11.21)

2014: 2014 Eurostat Database: <a href="http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en">http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en</a> (last accessed 25.08.20)

2017: 2017 - EUROSTAT Database <a href="http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=ilc\_hch10&lang=en">http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=ilc\_hch10&lang=en</a> (last accessed 25.08.20)

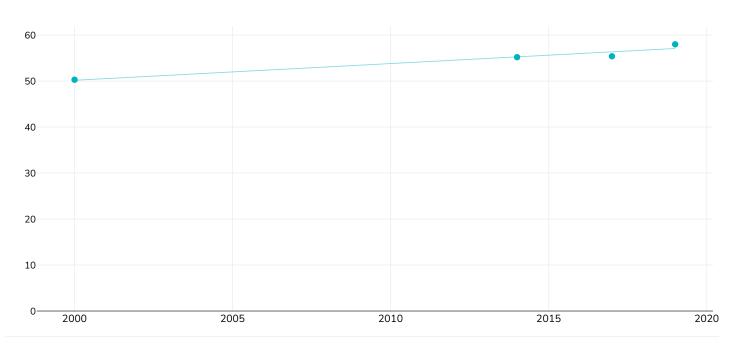
2019: Eurostat 2019. Data available at <a href="https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en/nui/show.do?dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do?dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do?dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do?dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do?dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do?dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do?dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do?dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do.dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do.dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do.dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do.dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do.dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do.dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do.dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do.dataset=hlth\_e



### Malta trends overweight obesity 2000 2019

#### Women

Overweight or obesity



Survey Self-reported

type:

References:

2000: Eurostat Yearbook 2006/07. A goldmine of statistical information. Available at

 $\frac{\text{https://ec.europa.eu/eurostat/documents/2995521/5059290/1-20022007-BP-EN.PDF.pdf/edab8c31-b9f3-4c8e-b4db-4137bd045efa?t=1414683510000} {\text{(last accessed 04.11.21)}}$ 

2014: 2014 Eurostat Database: <a href="http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en">http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en</a> (last accessed 25.08.20)

 $2017: 2017 - EUROSTAT\ Database\ \underline{\text{http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=ilc\_hch10\&lang=en}\ (last to be a substitution of the properties of the propert$ 

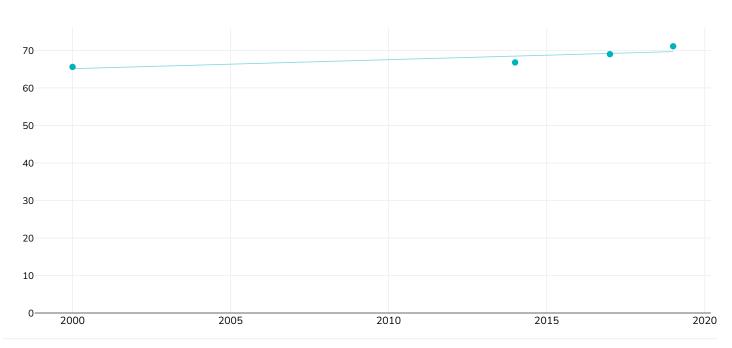
accessed 25.08.20) 2019: Eurostat 2019. Data available at <a href="https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en">https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en</a>

(last accessed 09.08.21)



#### Men

Overweight or obesity



Survey Self-reported

References:

type:

2000: Eurostat Yearbook 2006/07. A goldmine of statistical information. Available at

(last accessed 09.08.21)

https://ec.europa.eu/eurostat/documents/2995521/5059290/1-20022007-BP-EN.PDF.pdf/edab8c31-b9f3-4c8e-b4db-4137bd045efa?t=1414683510000 (last accessed 04.11.21)

2014: 2014 Eurostat Database: <a href="http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en">http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en</a> (last accessed 25.08.20)

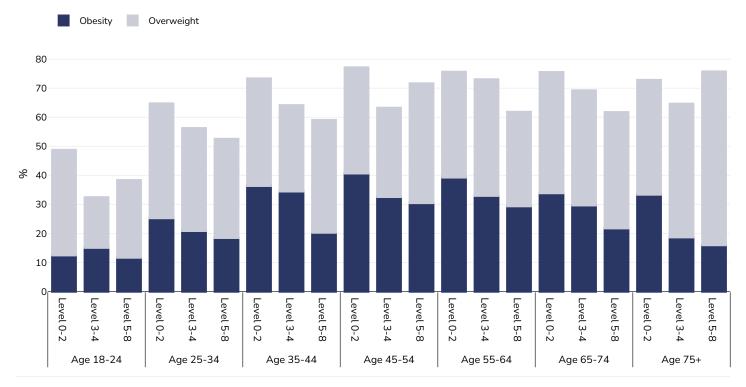
2017: 2017 - EUROSTAT Database <a href="http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=ilc\_hch10&lang=en">http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=ilc\_hch10&lang=en</a> (last accessed 25.08.20)

2019: Eurostat 2019. Data available at <a href="https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en/nui/show.do?dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do?dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do?dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do?dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do?dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do?dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do?dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do?dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do.dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do.dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do.dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do.dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do.dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do.dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do.dataset=hlth\_ehis\_bm2i&lang=en/nui/show.do.dataset=hlth\_e



# Overweight/obesity by age and education

#### Adults, 2019



Survey type: Self-reported

Area National

covered:

References: Eurostat 2019. Available at <a href="https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en">https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en</a> (last

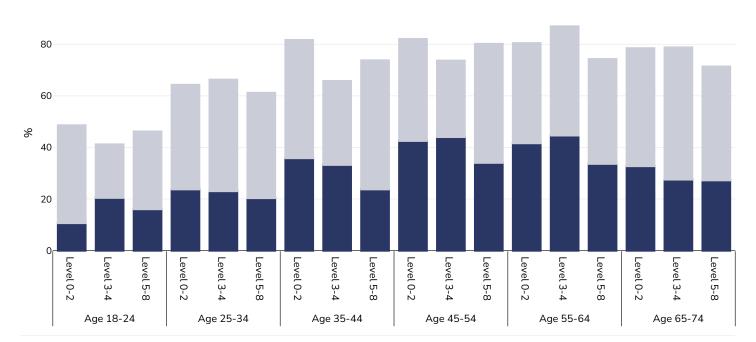
accessed 09.08.21).

Notes: NB. Some age ranges missing due to insufficient data to display by age & educational status



### Men, 2019





Survey type: Self-reported

Area National

covered:

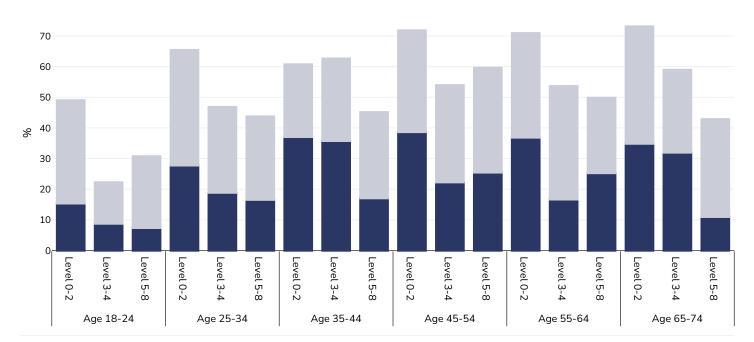
References: Eurostat 2019. Available at <a href="https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en">https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en</a> (last

accessed 09.08.21).

Notes: NB. Some age ranges missing due to insufficient data to display by age & educational status







Survey type: Self-reported

Area National

covered:

References: Eurostat 2019. Available at <a href="https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en">https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en</a> (last

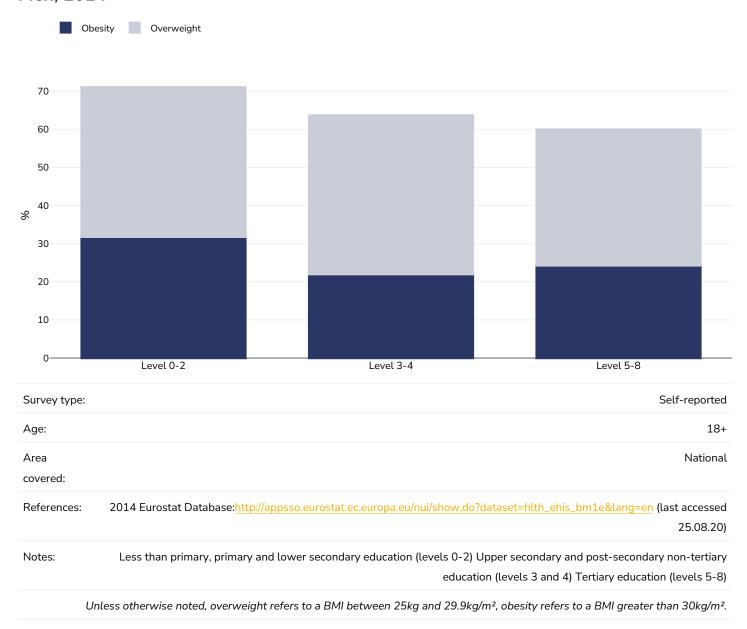
accessed 09.08.21).

Notes: NB. Some age ranges missing due to insufficient data to display by age & educational status

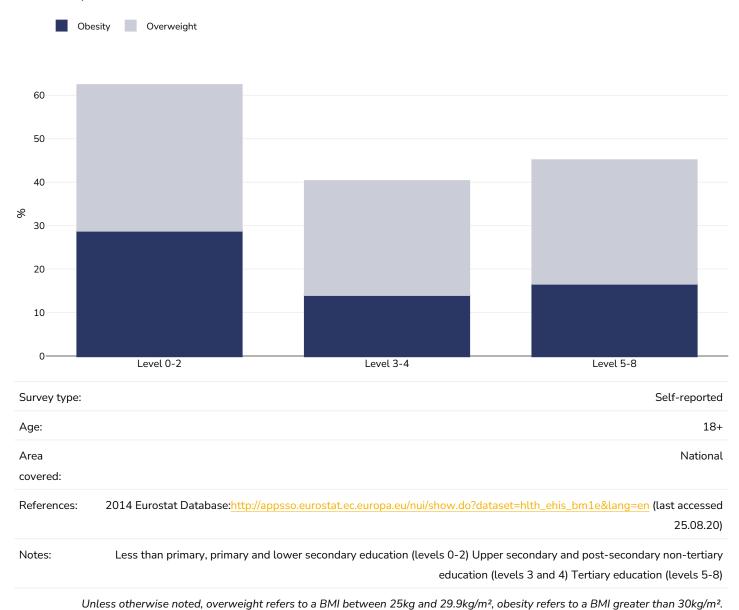


# Overweight/obesity by education

### Men, 2014

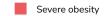


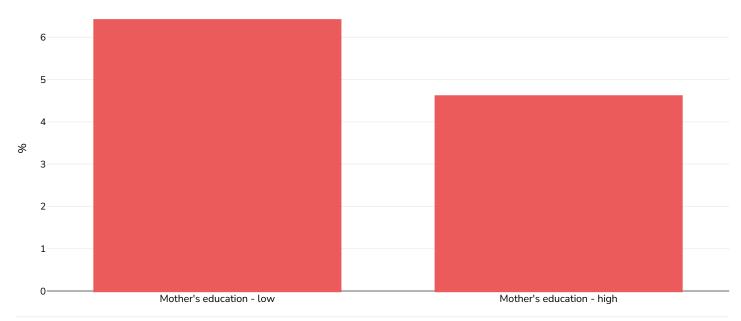






# Children, 2007-2013



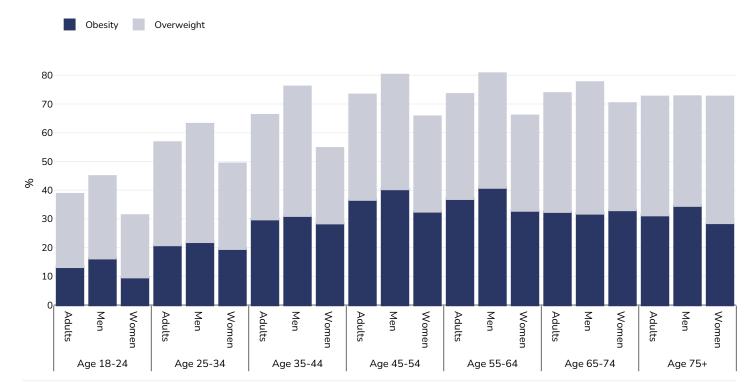


Survey type:	Measured
Age:	6-7
Sample size:	1499
Area covered:	National
References:	Spinelli et al (2019). 'Childhood Severe Obesity in Europe', Obes Facts.12, pp. 244–258. (Data from COSI round 1-3)
Notes:	WHO cut-offs used. Based on Mother's education level.
Cutoffs:	WHO



# Overweight/obesity by age

### Adults, 2019



Survey type: Self-reported

Area National covered:

References:

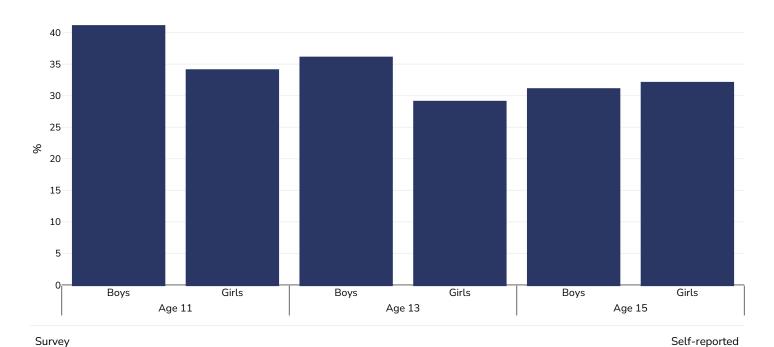
Eurostat 2019. Available at <a href="https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en">https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en</a> (last

accessed 09.08.21).



#### Children, 2021-2022

Overweight or obesity



type:
Area See Report

covered:

References:

RakiÃ?â?¡ JG, Hamrik Z, Dzielska A, Felder-Puig R, Oja L, Bakalár P et al. A focus on adolescent physical activity, eating behaviours, weight status and body image in Europe, central Asia and Canada. Health Behaviour in School-aged Children (HBSC) international report from the 2021/2022 survey. Volume 4. Copenhagen: WHO Regional Office for Europe; 2024. 'Any translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition'

Notes: HBSC aims to survey approximately 1500 pupils per age group in each country or region (totaling around 4500)

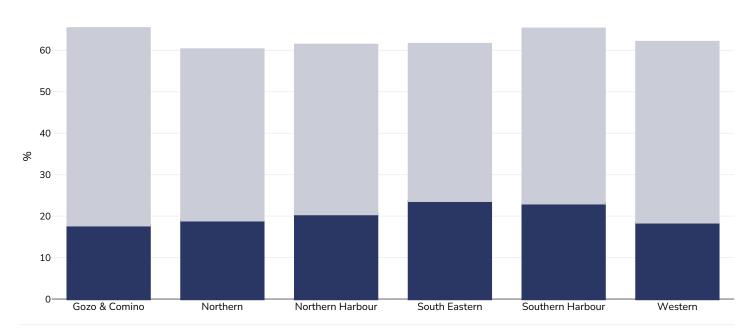
Cutoffs: +2SD



# Overweight/obesity by region

### Adults, 2006-2007





Survey	Self-reported
type:	
Age:	18+
Sample size:	1369
size:	
Area	National
covered:	

References: 2007 Lifestyle Survey.

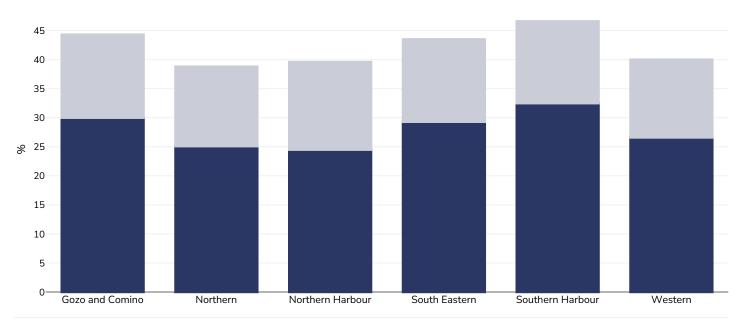
 $http://nso.gov.mt/en/publications/Publications_by\_Unit/Documents/01\_Methodology\_and\_Research/LifeStyle\_Survey\_2007.pdf$ 

(last accessed 8.6.15)



### Boys, 2015-2016





Survey	Measured
type:	
Age:	5-10
Sample	41,343
size:	
Area	National
covered:	

References: Aquilina, Samuel, et al. "Regional Differences in Childhood BMI Data - the Malta Childhood National Body Mass Index Study."

Malta Medical Journal, vol. 31, no. 3, 6 Dec. 2019, pp. 24–29, www.mmsjournals.org/index.php/mmj/article/view/196.

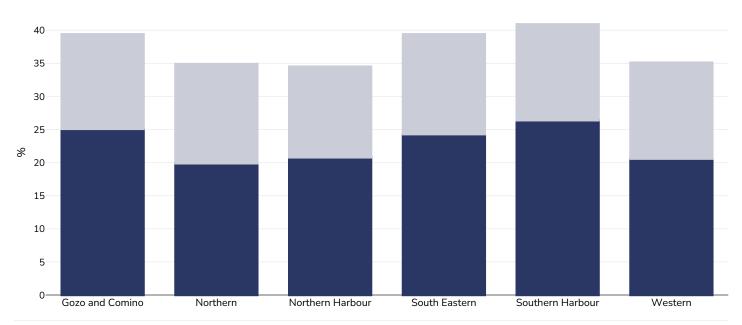
Accessed 19 May 2021.

Cutoffs: WHO



### Girls, 2015-2016





Survey	Measured
type:	
Age:	5-10
Sample	41,343
size:	
Area	National
covered:	

References: Aquilina, Samuel, et al. "Regional Differences in Childhood BMI Data - the Malta Childhood National Body Mass Index Study."

Malta Medical Journal, vol. 31, no. 3, 6 Dec. 2019, pp. 24–29, www.mmsjournals.org/index.php/mmj/article/view/196.

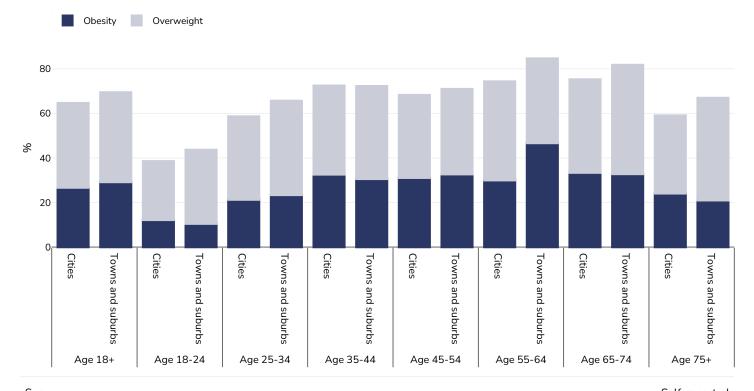
Accessed 19 May 2021.

Cutoffs: WHO



# Overweight/obesity by age and region

### Men, 2014



Survey Self-reported

type:

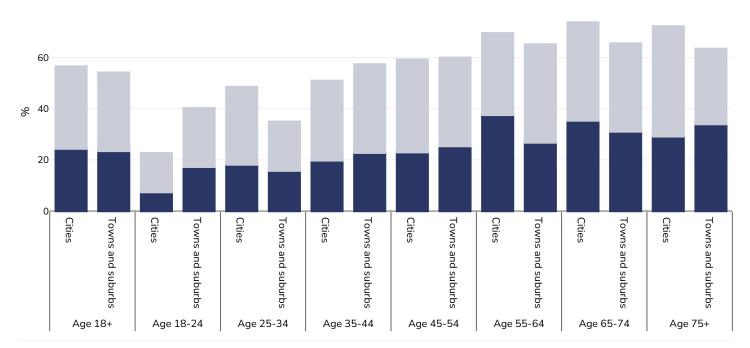
References: 2014 Eurostat Database: <a href="http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en">http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en</a> (last accessed

25.08.20)

Notes: NB. Rural areas were considered to have low reliability and have been excluded.







Survey Self-reported

type:

References: 2014 Eurostat Database: <a href="http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en">http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en</a> (last accessed

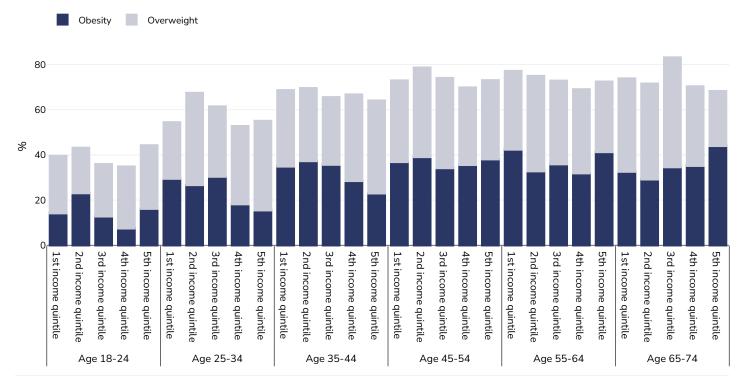
25.08.20)

Notes: NB. Rural areas were considered to have low reliability and have been excluded.



### Overweight/obesity by age and socio-economic group

#### Adults, 2019



Survey type: Self-reported

Area National

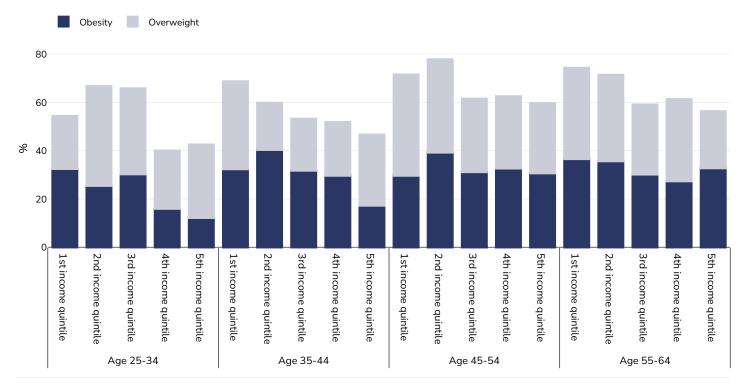
covered:

References: Eurostat 2019. Available at <a href="https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en">https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en</a> (last

accessed 09.08.21).

Notes: NB. Some age ranges missing due to insufficient data to display by age & income quintile





Survey type: Self-reported

Area National

covered:

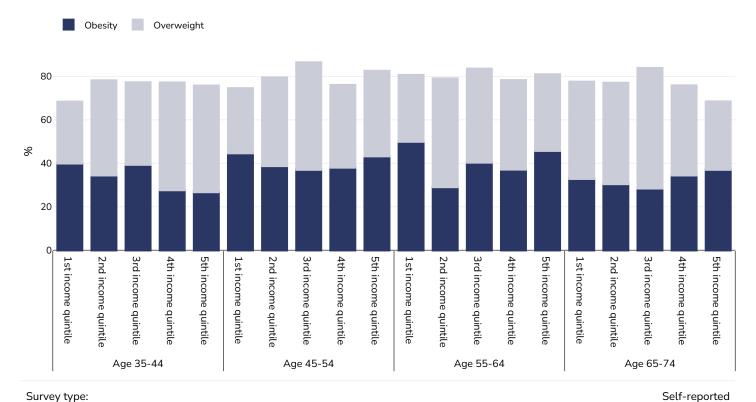
 $References: Eurostat\ 2019.\ Available\ at\ \underline{\ https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i\&lang=en}\ (last below)$ 

accessed 09.08.21).

Notes: NB. Some age ranges missing due to insufficient data to display by age & income quintile



#### Men, 2019



Area Sett-reported
National

covered:

References: Eurostat 2019. Available at <a href="https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en">https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en</a> (last accessed 09.08.21).

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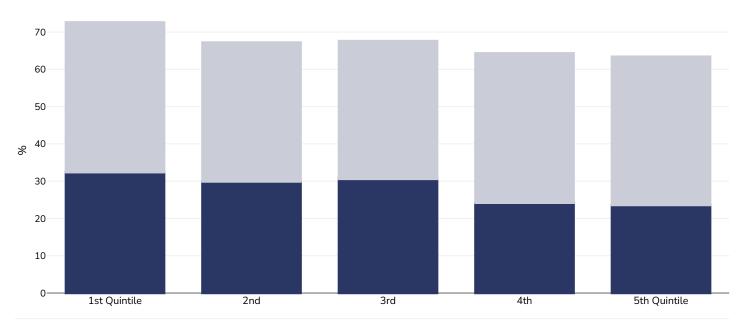
Notes: NB. Some age ranges missing due to insufficient data to display by age & income quintile



# Overweight/obesity by socio-economic group

### Men, 2014





Survey type:

Age:

Area

covered:

References:

2014 Eurostat Database: <a href="http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en">http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en</a> (last accessed

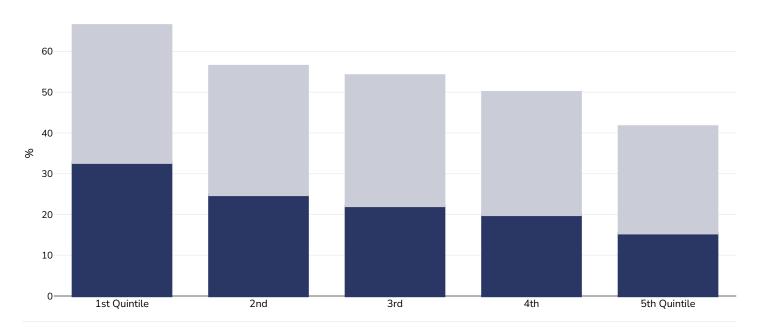
Notes: 1st Quintile (lowest income), 5th Quintile (highest income) Please note where data = zero, there were insufficient data.

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

25.08.20)







Survey type: Self-reported
Age: 18+

Area National

covered:

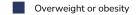
References: 2014 Eurostat Database: <a href="http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en">http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e&lang=en</a> (last accessed 25.08.20)

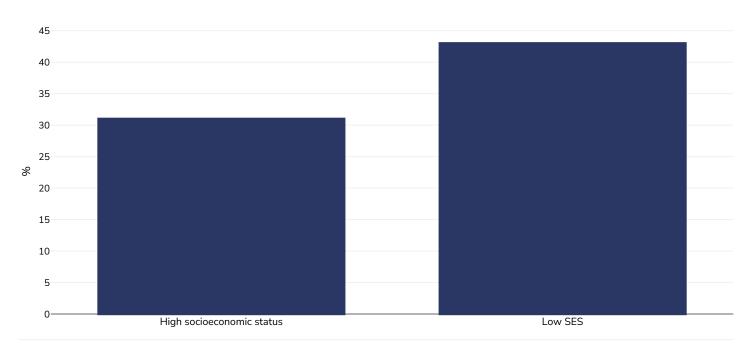
Notes: 1st Quintile (lowest income), 5th Quintile (highest income) Please note where data = zero, there were insufficient data.

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



#### Boys, 2021-2022





Surv	/ey	Self-reported
type	:	
Age	:	11-15

References: Raki? JG, Hamrik Z, Dzielska A, Felder-Puig R, Oja L, Bakalár P et al. A focus on adolescent physical activity, eating behaviours, weight status and body image in Europe, central Asia and Canada. Health Behaviour in School-aged Children (HBSC) international report from the 2021/2022 survey. Volume 4. Copenhagen: WHO Regional Office for Europe; 2024. 'Any translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition'

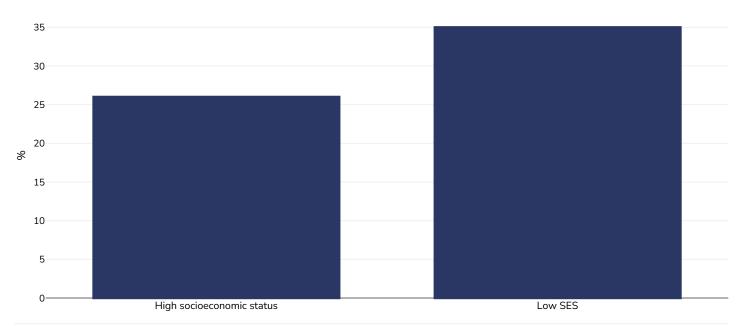
Notes: Family affluence scaleHBSC aims to survey approximately 1500 pupils per age group in each country or region (totaling around 4500)

Cutoffs: +2SD



#### Girls, 2021-2022

#### Overweight or obesity



Survey	Self-reported
type:	
Age:	11-15

References: Raki? JG, Hamrik Z, Dzielska A, Felder-Puig R, Oja L, Bakalár P et al. A focus on adolescent physical activity, eating behaviours, weight status and body image in Europe, central Asia and Canada. Health Behaviour in School-aged Children (HBSC) international report from the 2021/2022 survey. Volume 4. Copenhagen: WHO Regional Office for Europe; 2024. 'Any translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition'

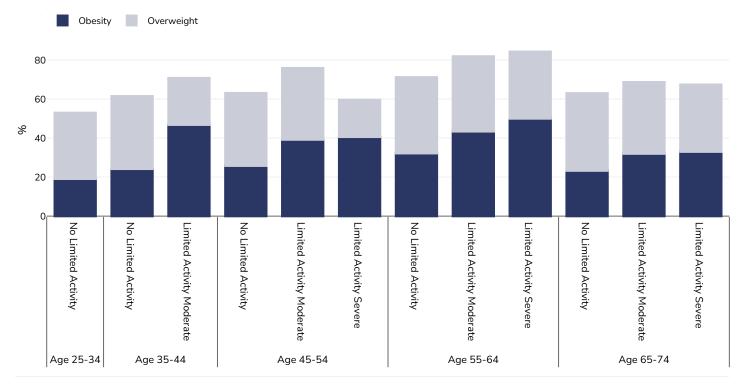
Notes: Family affluence scaleHBSC aims to survey approximately 1500 pupils per age group in each country or region (totaling around 4500)

Cutoffs: +2SD



# Overweight/obesity by age and limited activity

#### Adults, 2014



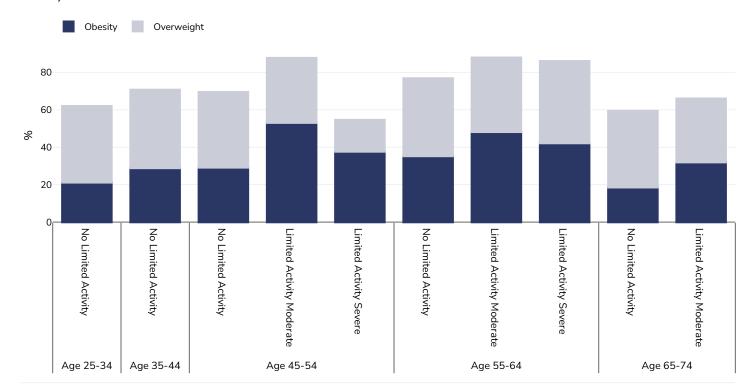
Survey type: Self-reported

Area covered: National

References: Eurostat 2014 available at https://appsso.eurostat.ec.europa.eu/nui/submitViewTableAction.do (last accessed 06.10.21)



### Men, 2014



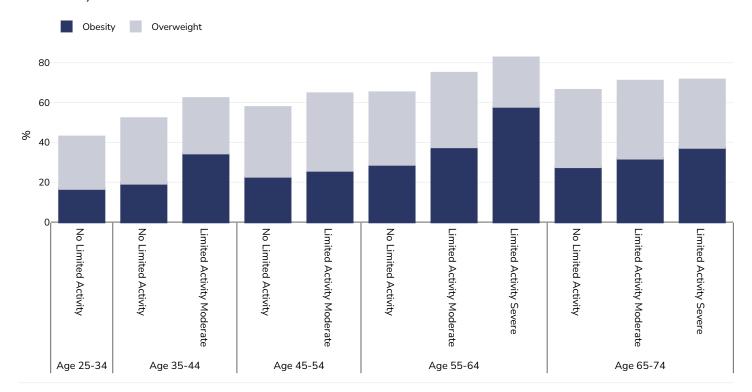
Survey type: Self-reported

Area covered: National

References:

Eurostat 2014 available at <a href="https://appsso.eurostat.ec.europa.eu/nui/submitViewTableAction.do">https://appsso.eurostat.ec.europa.eu/nui/submitViewTableAction.do</a> (last accessed 06.10.21)





Survey type: Self-reported

Area covered: National

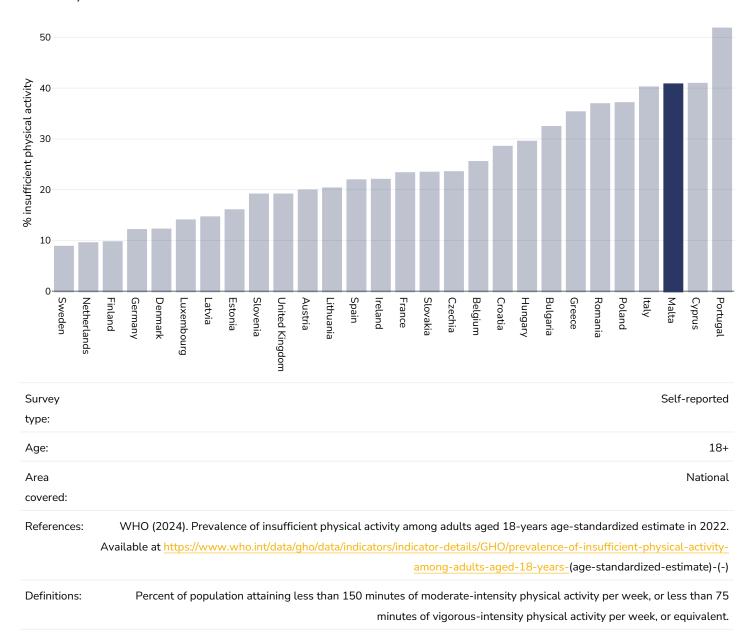
References:

Eurostat 2014 available at <a href="https://appsso.eurostat.ec.europa.eu/nui/submitViewTableAction.do">https://appsso.eurostat.ec.europa.eu/nui/submitViewTableAction.do</a> (last accessed 06.10.21)



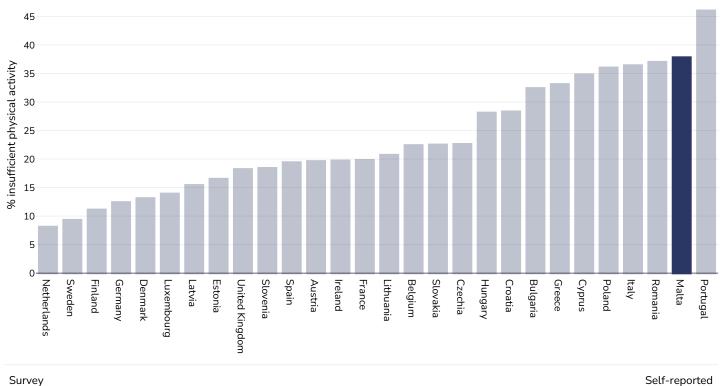
# Insufficient physical activity

#### Adults, 2022





#### Men, 2022



Survey	Self-reported
type:	
Age:	18+
Area	National
covered:	

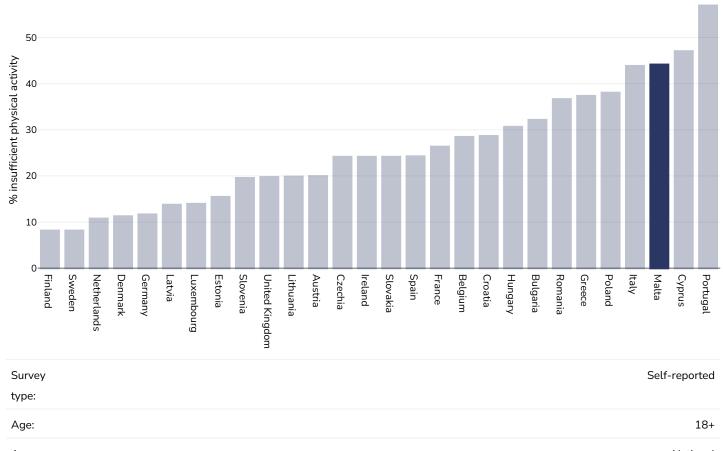
References: WHO (2024). Prevalence of insufficient physical activity among adults aged 18-years age-standardized estimate in 2022.

 $\textbf{Available at} \ \underline{\textbf{https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-ph$ 

among-adults-aged-18-years-(age-standardized-estimate)-(-)

Definitions: Percent of population attaining less than 150 minutes of moderate-intensity physical activity per week, or less than 75 minutes of vigorous-intensity physical activity per week, or equivalent.





National Area covered:

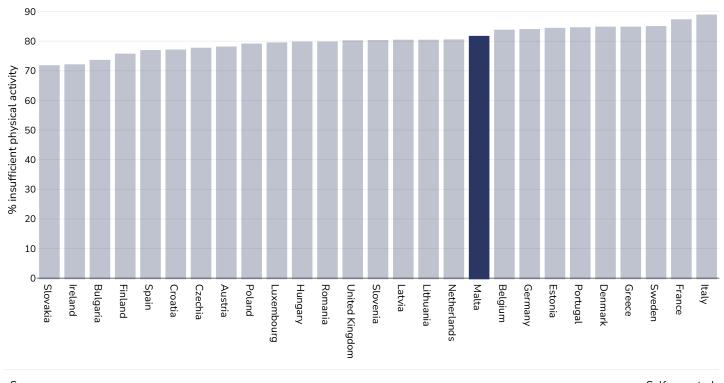
WHO (2024). Prevalence of insufficient physical activity among adults aged 18-years age-standardized estimate in 2022. References: Available at https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activityamong-adults-aged-18-years-(age-standardized-estimate)-(-)

Definitions: Percent of population attaining less than 150 minutes of moderate-intensity physical activity per week, or less than 75 minutes of vigorous-intensity physical activity per week, or equivalent.



### Children, 2016

Definitions:



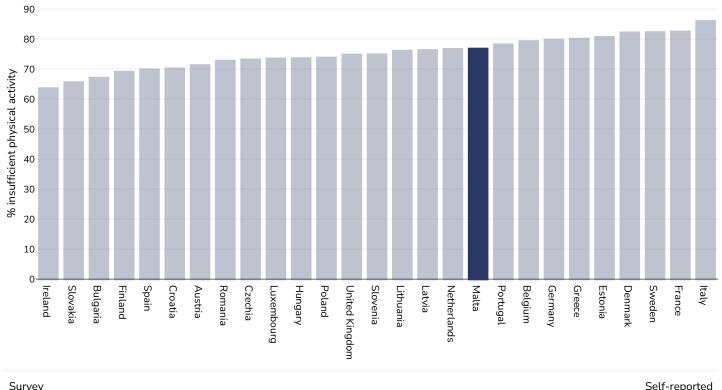
Survey	Self-reported Self-reported
type:	
Age:	11-17
References:	Global Health Observatory data repository, World Health Organisation, <a href="https://apps.who.int/gho/data/node.main.A893ADO?lang=en">https://apps.who.int/gho/data/node.main.A893ADO?lang=en</a> (last accessed 16.03.21)
Notes:	% of school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

% Adolescents insufficiently active (age standardised estimate)



### Boys, 2016

Notes:



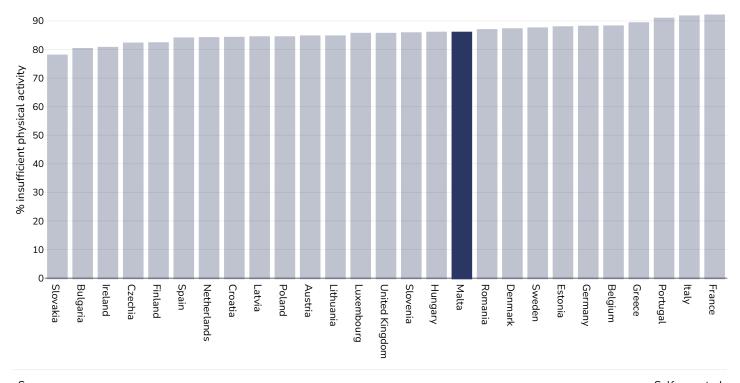
Survey	Sett reported
type:	
Age:	11-17
References:	Global Health Observatory data repository, World Health Organisation,
	https://apps.who.int/gho/data/node.main.A893ADO?lang=en (last accessed 16.03.21)

% 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

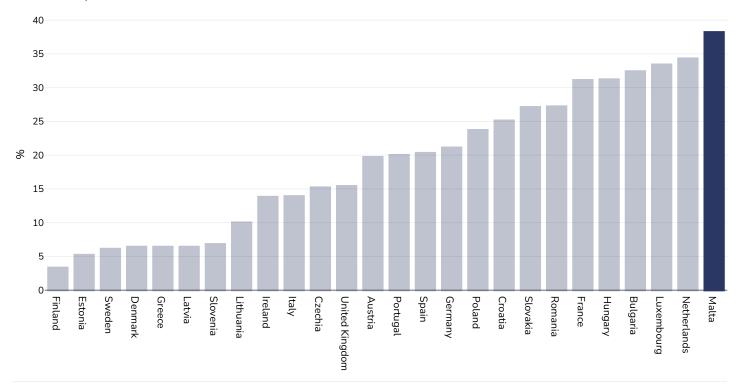


Survey	Self-reported Self-reported
type:	
Age:	11-17
References:	Global Health Observatory data repository, World Health Organisation, <a href="https://apps.who.int/gho/data/node.main.A893ADO?lang=en">https://apps.who.int/gho/data/node.main.A893ADO?lang=en</a> (last accessed 16.03.21)
Notes:	% of school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



#### Prevalence of at least daily carbonated soft drink consumption

#### Children, 2014



Survey Measured type:

References:

World Health Organization. (2017). Adolescent obesity and related behaviours: Trends and inequalities in the who european region, 2002-2014: observations from the Health Behavior in School-aged Children (HBSC) WHO collaborative crossnational study (J. Inchley, D. Currie, J. Jewel, J. Breda, & V. Barnekow, Eds.). World Health Organization. Sourced from Food Systems Dashboard http://www.foodsystemsdashboard.org

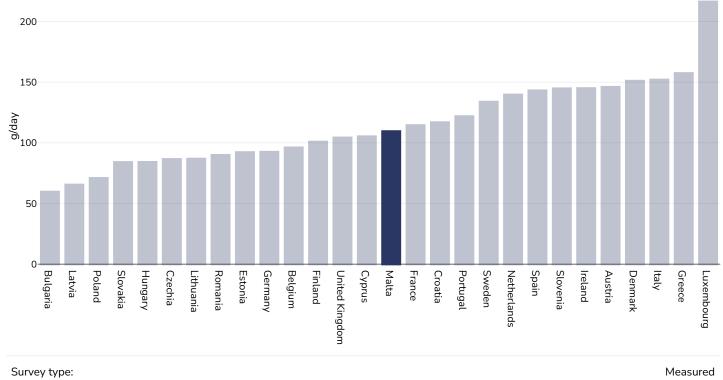
Notes: 15-year-old adolescents

Definitions: Prevalence of at least daily carbonated soft drink consumption (% of at least daily carbonated soft drink consumption)



## Estimated per capita fruit intake

#### Adults, 2017



Survey type:

Age:

Clobal Burden of Disease, the Institute for Health Metrics and Evaluation <a href="http://ghdx.healthdata.org/">http://ghdx.healthdata.org/</a>

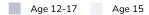
Definitions:

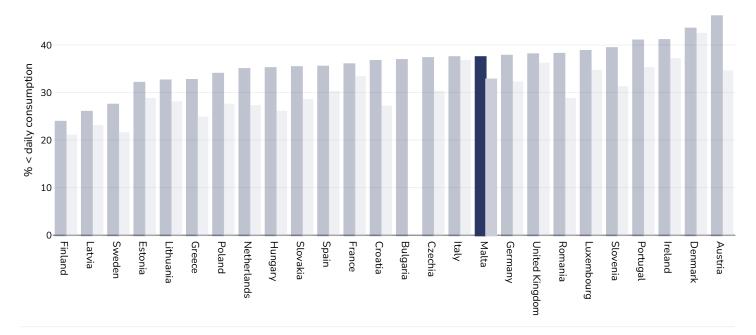
Estimated per-capita fruit intake (g/day)



## Prevalence of less than daily fruit consumption

#### Children, 2014





Survey Measured type:

References:

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

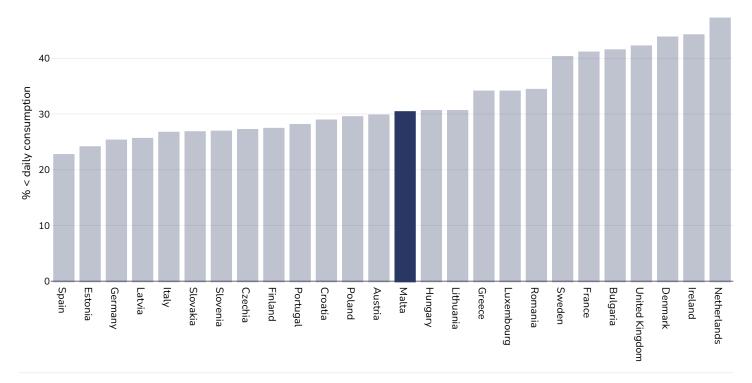
http://www.foodsystemsdashboard.org/food-system

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



## Prevalence of less than daily vegetable consumption

#### Children, 2014



Survey Measured

type:

Age: 12-17

References:

Beal et al. (2019). Global Patterns of Adolescent Fruit, Vegetable, Carbonated Soft Drink, and Fast-food consumption: A meta-analysis of global school-based student health surveys. Food and Nutrition Bulletin.

https://doi.org/10.1177/0379572119848287 sourced from Food Systems Dashboard

http://www.foodsystemsdashboard.org/food-system

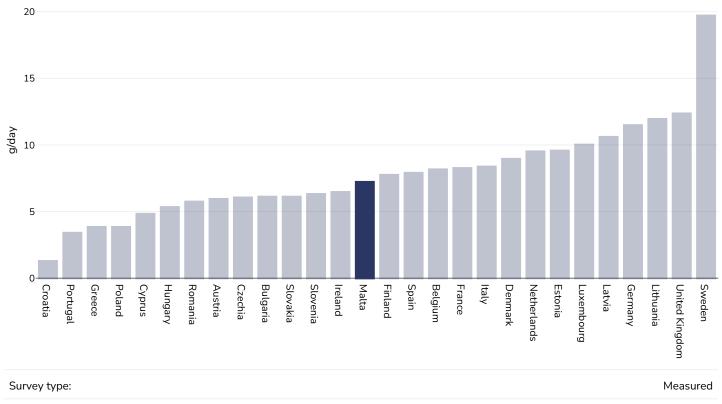
Definitions:

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



## Estimated per-capita processed meat intake

## Adults, 2017

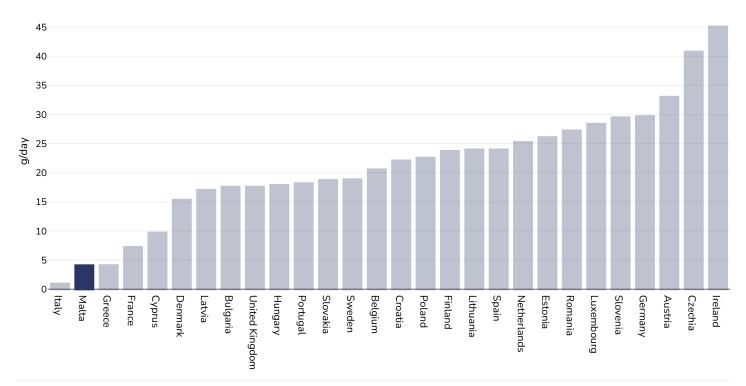


Survey type:	Measured
Age:	25+
References:	Global Burden of Disease, the Institute for Health Metrics and Evaluation <a href="http://ghdx.healthdata.org/">http://ghdx.healthdata.org/</a>
Definitions:	Estimated per-capita processed meat intake (g per day)



## Estimated per capita whole grains intake

## Adults, 2017

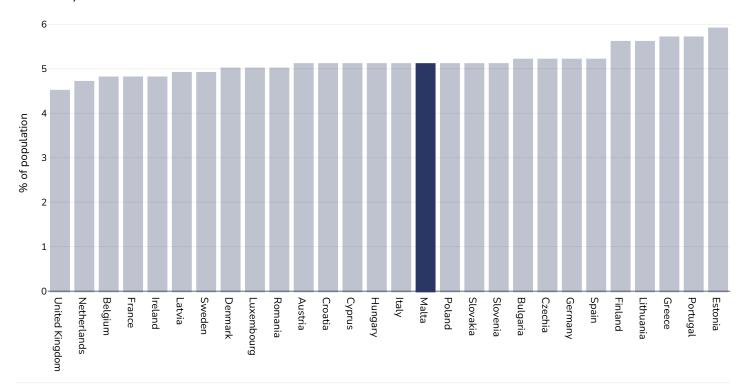


Survey type:	Measured
Age:	25+
References:	Global Burden of Disease, the Institute for Health Metrics and Evaluation <a href="http://ghdx.healthdata.org/">http://ghdx.healthdata.org/</a>
Definitions:	Estimated per-capita whole grains intake (g/day)



## Mental health - depression disorders

#### Adults, 2015



References:

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

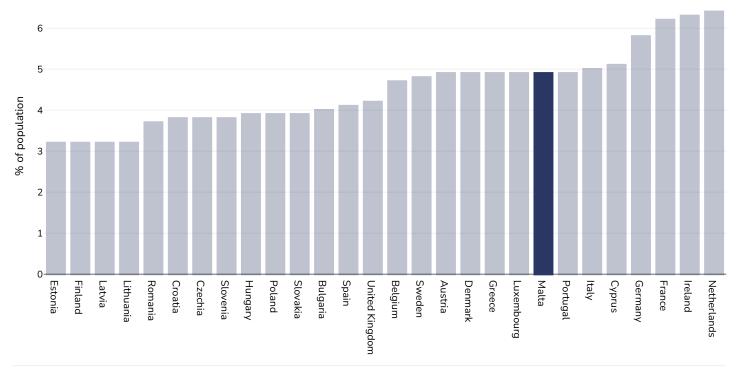
Definitions:

% of population with depression disorders



## Mental health - anxiety disorders

## Adults, 2015



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

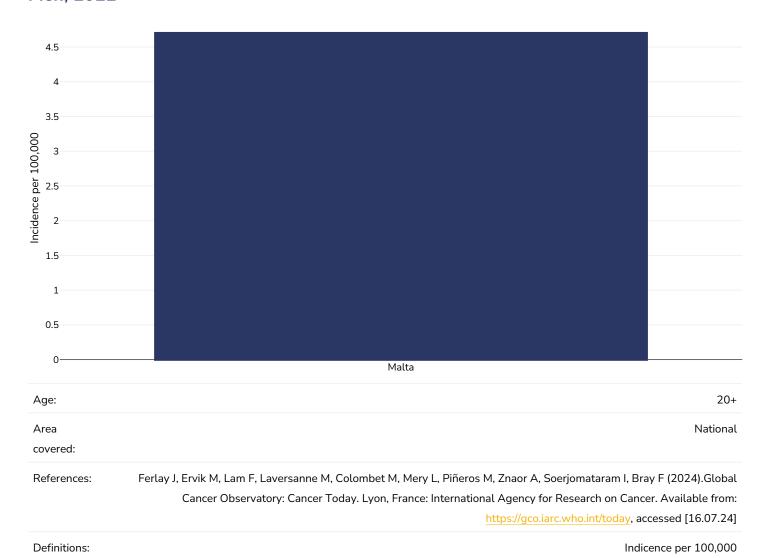
IGO.

Definitions: % of population with anxiety disorders

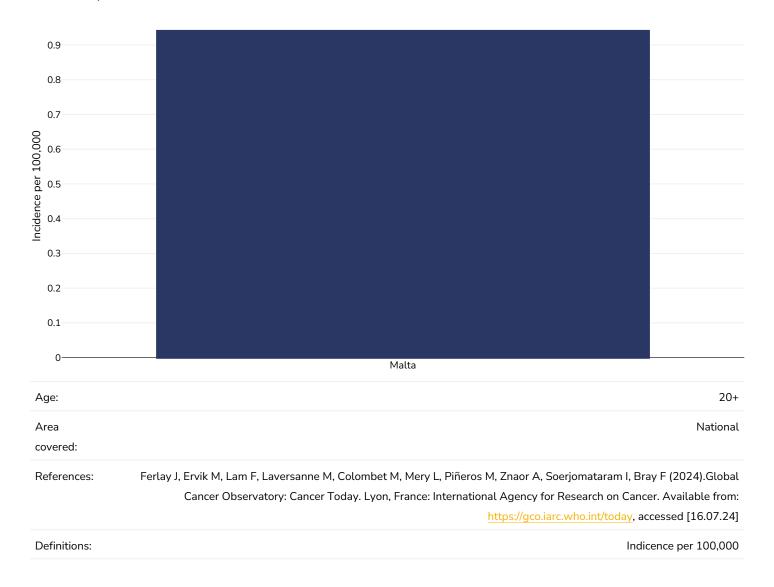


## Oesophageal cancer

#### Men, 2022





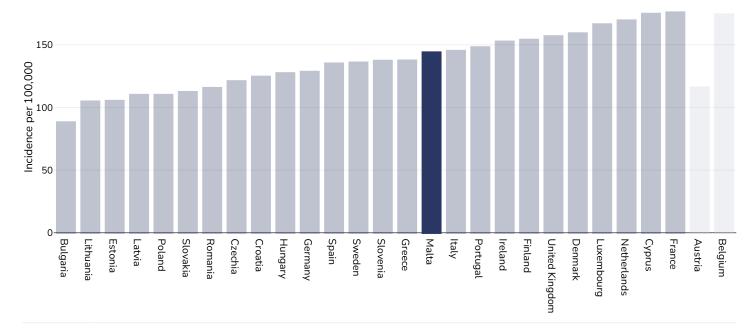




#### **Breast cancer**

#### 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:

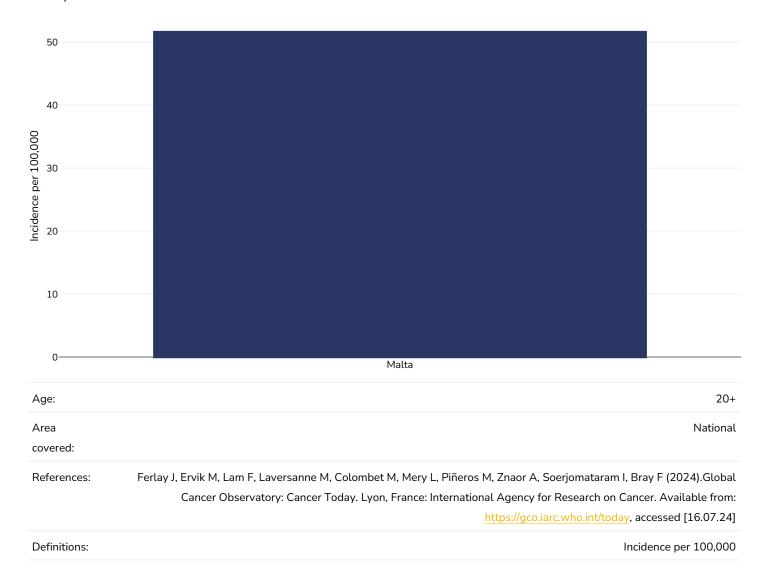
https://gco.iarc.who.int/today, accessed [16.07.24]

Definitions: Incidence per 100,000

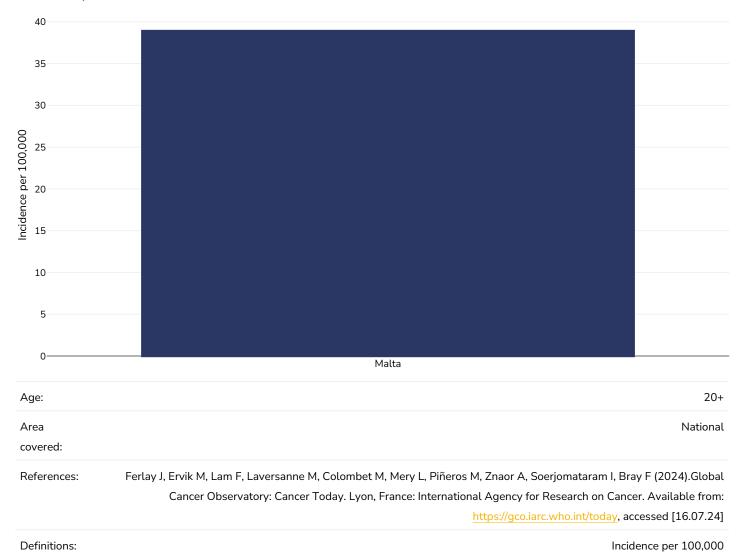


#### **Colorectal cancer**

#### Men, 2022



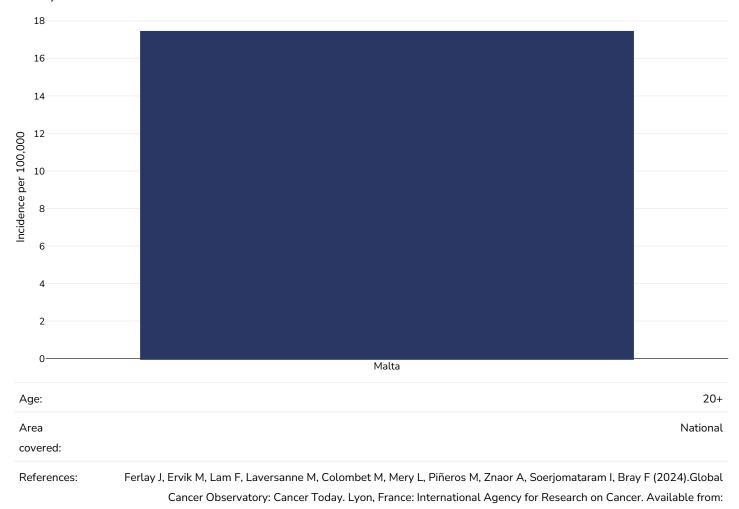






#### Pancreatic cancer

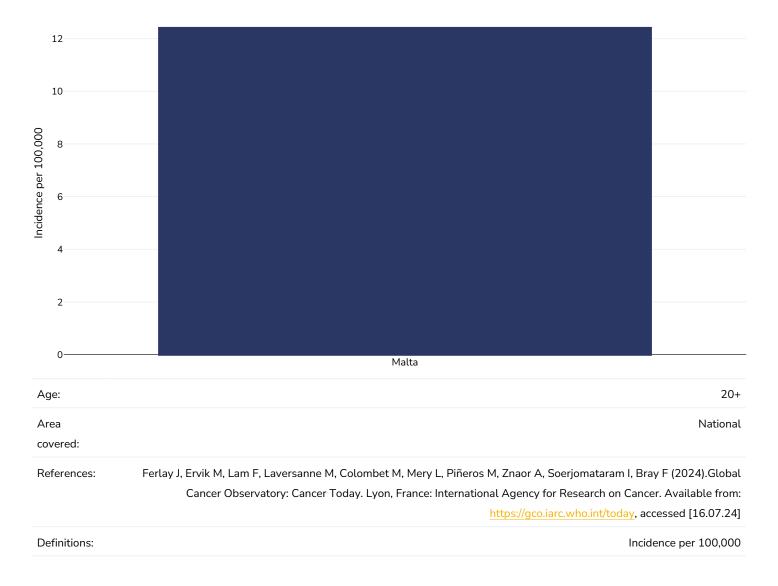
#### Men, 2022



Definitions: Incidence per 100,000

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

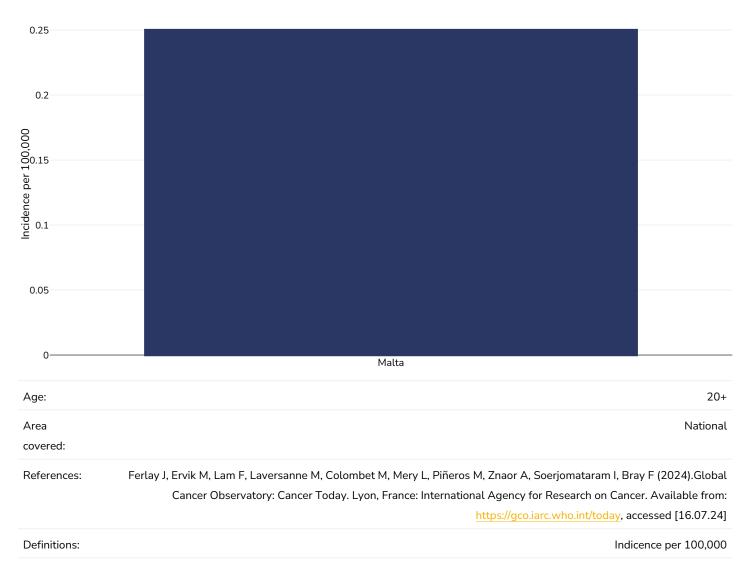




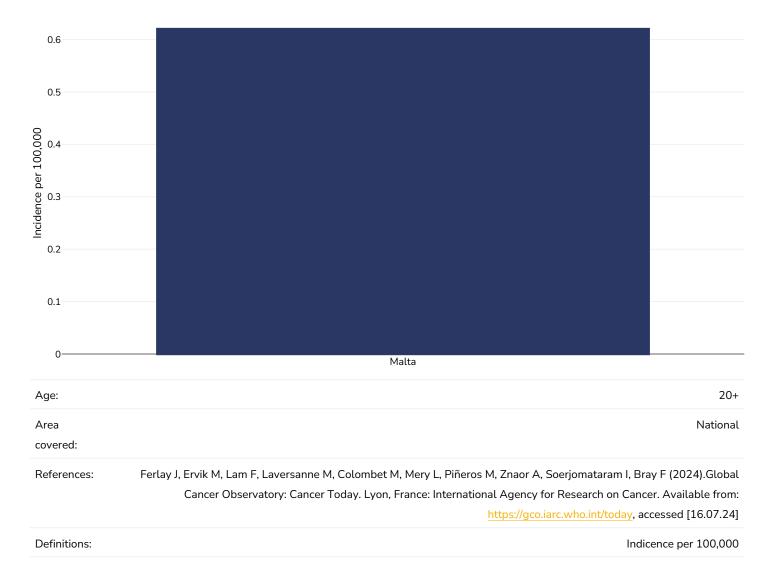


#### Gallbladder cancer

#### Men, 2022







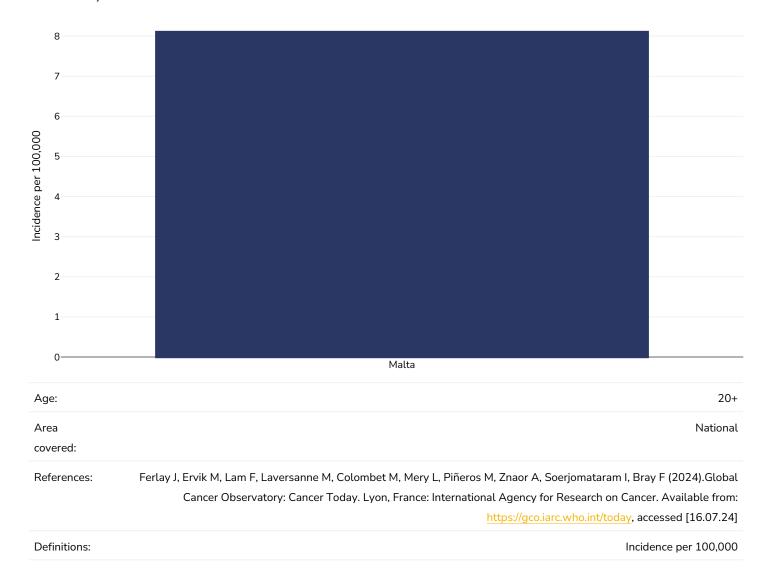


#### Kidney cancer

#### Men, 2022



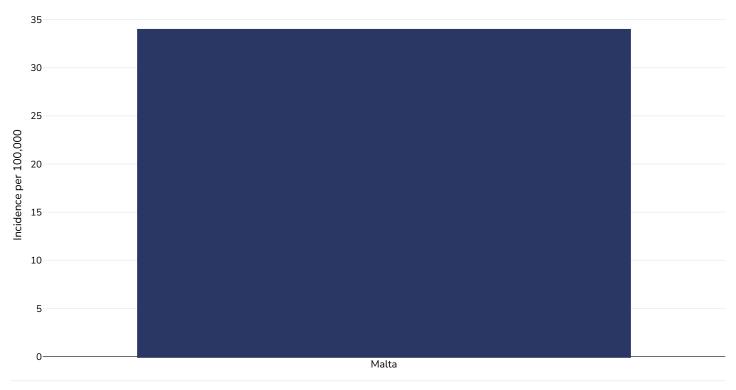






#### Cancer of the uterus

#### 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:

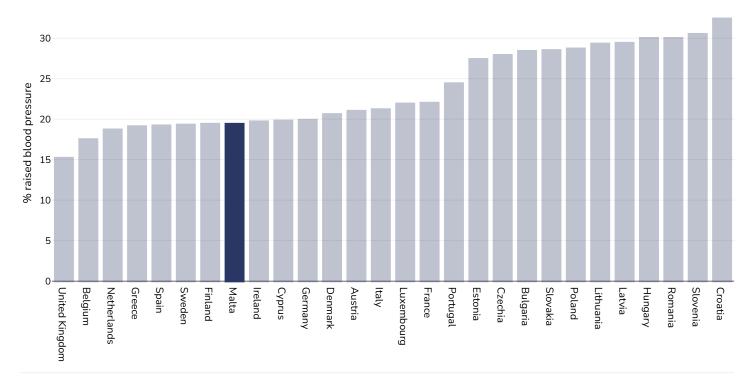
https://gco.iarc.who.int/today, accessed [16.07.24]

Definitions: Incidence per 100,000



## Raised blood pressure

#### Adults, 2015



References:

Global Health Observatory data repository, World Health Organisation,

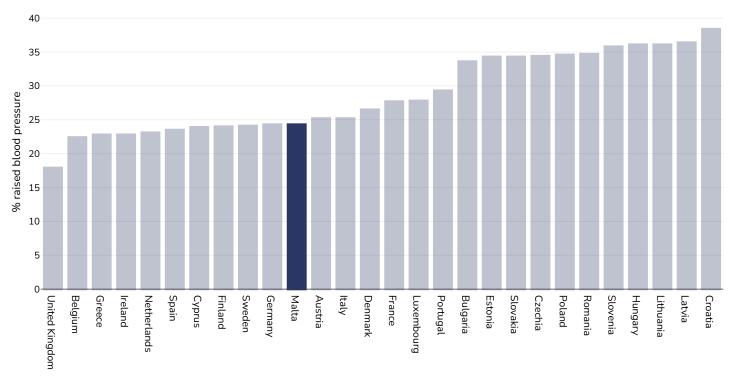
http://apps.who.int/gho/data/node.main.A875?lang=en

Definitions:

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



#### Men, 2015



References:

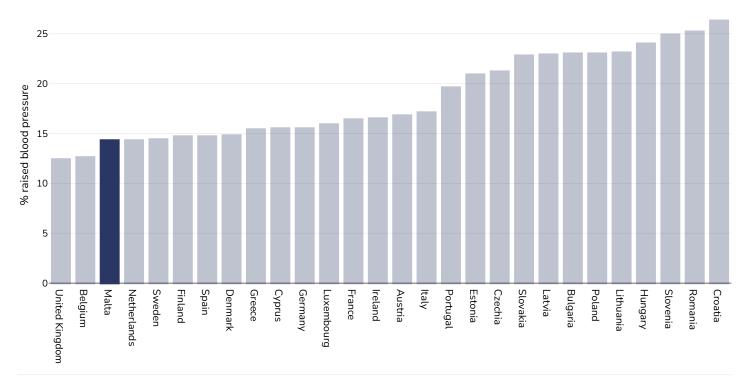
Global Health Observatory data repository, World Health Organisation,

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

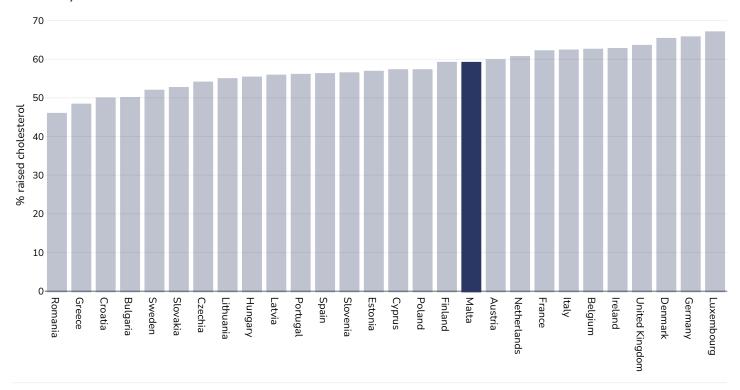
Definitions:

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



#### Raised cholesterol

#### Adults, 2008



References:

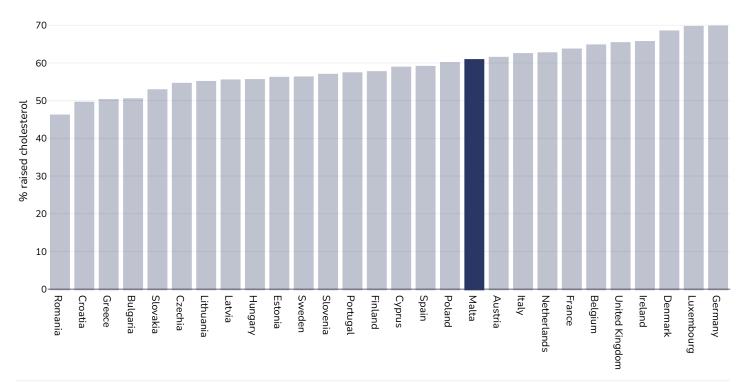
Global Health Observatory data repository, World Health Organisation, <a href="http://apps.who.int/gho/data/node.main.A885">http://apps.who.int/gho/data/node.main.A885</a>

Definitions:

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



#### Men, 2008

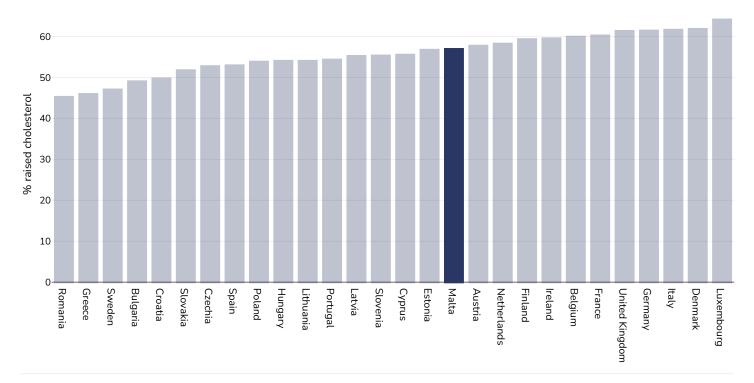


References: Global Health Observatory data repository, World Health Organisation, <a href="http://apps.who.int/gho/data/node.main.A885">http://apps.who.int/gho/data/node.main.A885</a>

Definitions:

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





References: Global Health Observatory data repository, World Health Organisation, <a href="http://apps.who.int/gho/data/node.main.A885">http://apps.who.int/gho/data/node.main.A885</a>

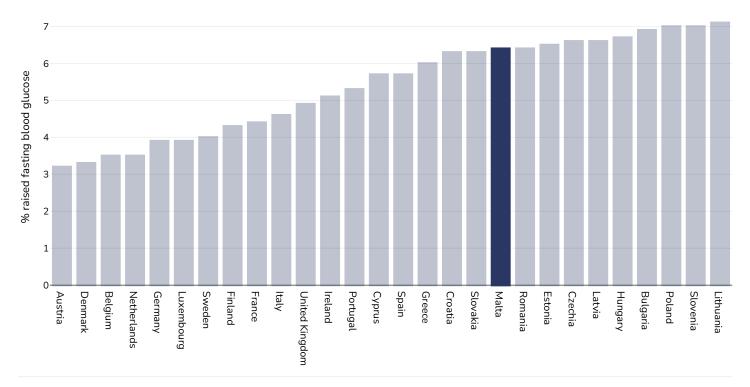
Definitions:

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



## Raised fasting blood glucose

#### Men, 2014



References:

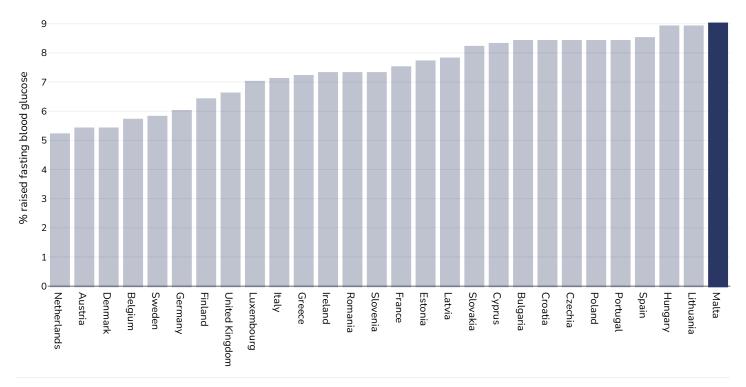
Global Health Observatory data repository, World Health Organisation,

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

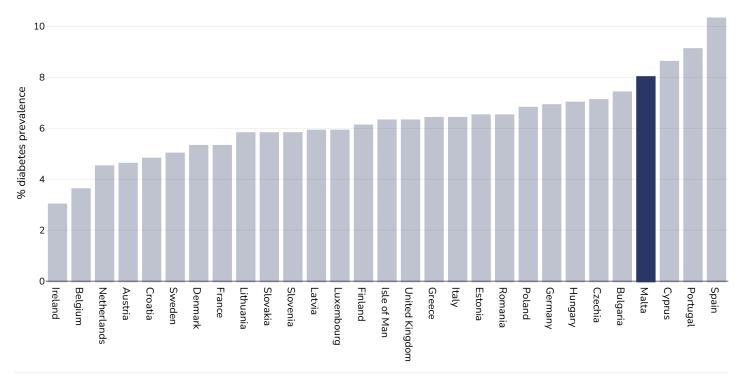
Definitions:

Age Standardised % raised fasting blood glucose ( $\geq$  7.0 mmol/L or on medication).



## Diabetes prevalence

#### Adults, 2021



Age: 20-79

Area National covered:

References: Reproduced with kind permission International Diabetes Federation. IDF Diabetes Atlas, 10th edn. Brussels,

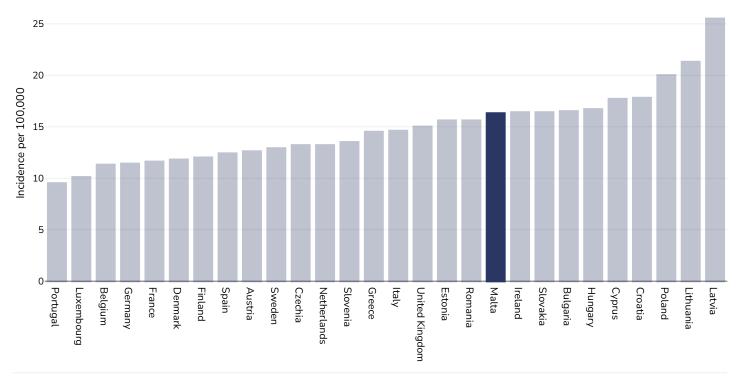
Belgium:International Diabetes Federation, 2021. http://www.diabetesatlas.org

Definitions: Age-adjusted comparative prevalence of diabetes, %



#### **Ovarian Cancer**

#### 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



## Leukemia

Men, 2022	<u>.</u>						
4							
3							
2							
1							
0							
<sup>-1</sup> _1	0	1	2	3	4	5	6
Age:							20+
Area covered:							National
References:			nne M, Colombet M, ncer Today. Lyon, Fr	ance: International		ch on Cancer. Availa	able from:
Definitions:						Incidence per	100,000
Unl	ess otherwise note	ed, overweight refer	rs to a BMI between	25kg and 29.9kg/r	m², obesity refers to	a BMI greater than	30kg/m².

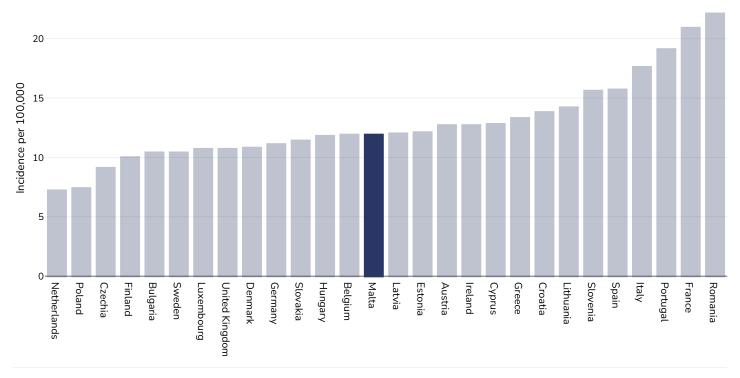


Wome	n, 2022						
4							
3							
2							
1							
0							
<sup>-1</sup> 1	0	1	2	3	4	5	6
Age:							20+
Area covered:							National
References	•			rance: International	Znaor A, Soerjomat Agency for Researc tps://gco.iarc.who.ir	ch on Cancer. Availa	able from:
Definitions	s:					Incidence per	r 100,000
	Unless otherwise note	ed, overweight refer	s to a BMI between	25kg and 29.9kg/i	m², obesity refers to	a BMI greater than	30kg/m².



## Liver and intrahepatic bile duct Cancer

#### Men, 2022



Age: 20+

Area National covered:

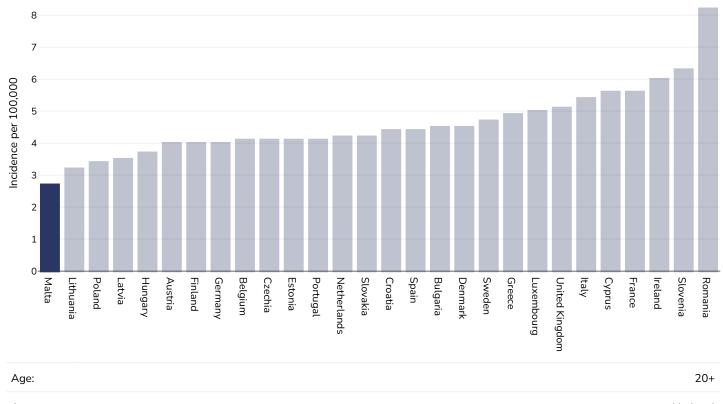
References:

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: Incidence per 100,000





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:

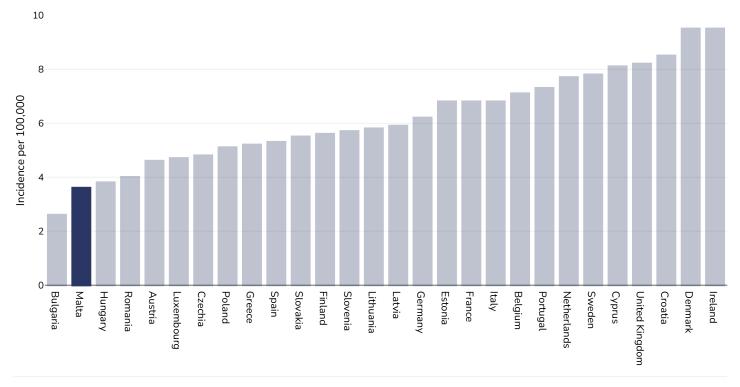
https://gco.iarc.who.int/today, accessed [16.07.24]

Definitions: Incidence per 100,000



#### Multiple Myeloma

#### Men, 2022



Age: 20+

Area National covered:

References:

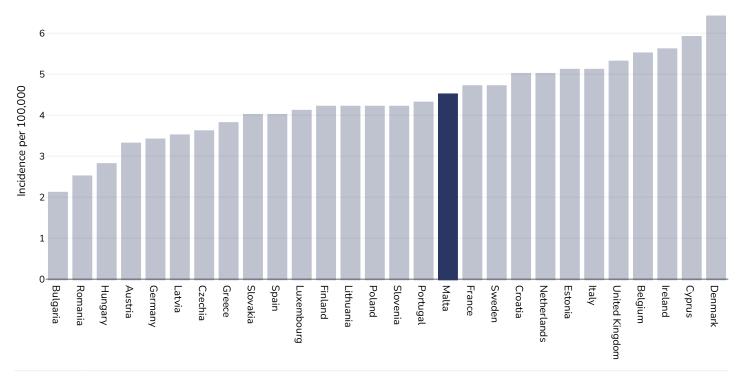
Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

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

Definitions: Indicence per 100,000

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





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]

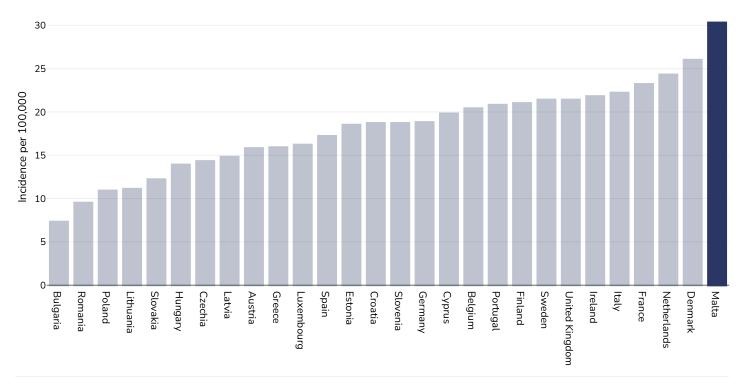
Definitions: Indicence per 100,000

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



#### Non Hodgkin Lymphoma

#### Men, 2022



Age: 20+

Area National covered:

References:

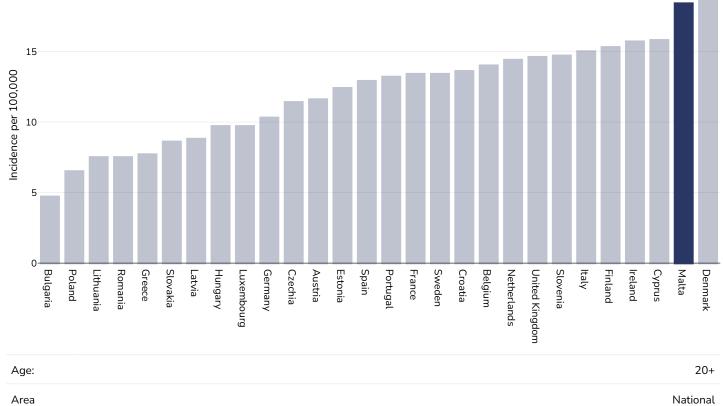
Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

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

Definitions: Incidence per 100,000

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





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]

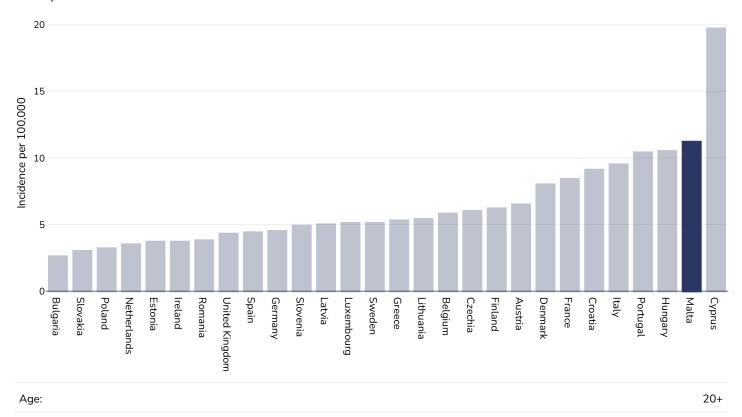
Definitions: Incidence per 100,000

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



#### **Thyroid Cancer**

#### Men, 2022



Area National

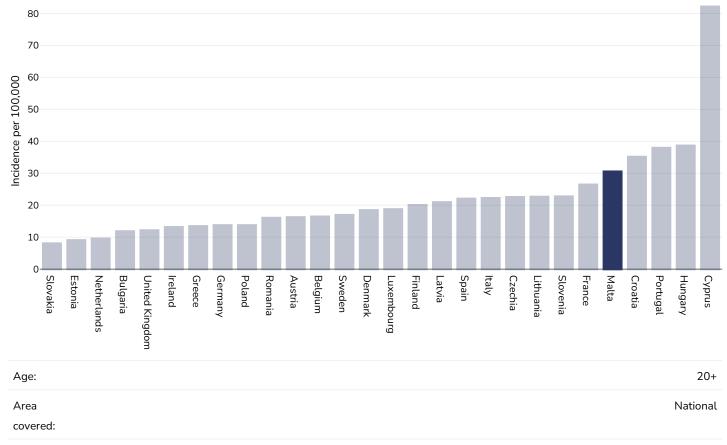
covered:

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





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



#### **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?	<b>✓</b>
Front-of-package labelling?	×
Back-of-pack nutrition declaration?	<b>✓</b>
Color coding?	×
Warning label?	×





# Regulation and marketing

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





# Political will and support

National obesity strategy or nutrition and physical activity national strategy?	<b>~</b>
National obesity strategy?	<b>~</b>
National childhood obesity strategy?	×
Comprehensive nutrition strategy?	<b>~</b>
Comprehensive physical activity strategy?	<b>~</b>
Evidence-based dietary guidelines and/or RDAs?	<b>~</b>
National target(s) on reducing obesity?	<b>~</b>
Guidelines/policy on obesity treatment?	×
Promotion of breastfeeding?	<b>~</b>
Monitoring and surveillance	
Monitoring of the prevalence and incidence for the main obesity-related NCDs and risk factors?	
Within 5 years?  Governance and resource	•
Multi-sectoral national co-ordination mechanism for obesity or nutrition (including obesity)?	X
Key	
Present Present Incoming Absent ? Unk	nown

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