

# Report card Poland



# High income

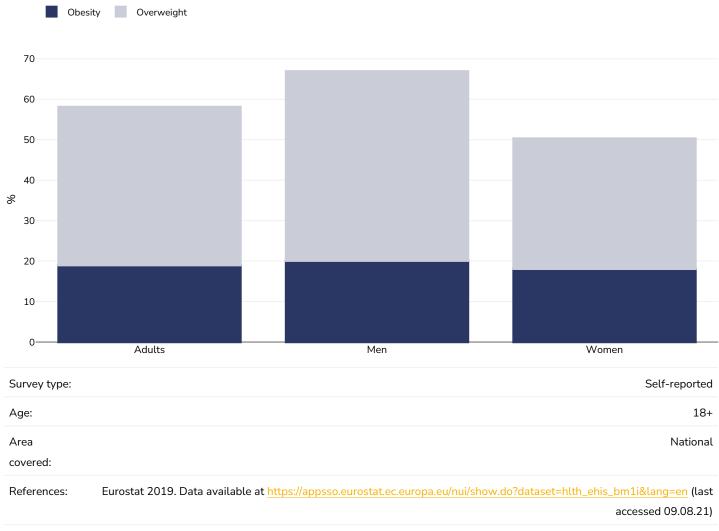
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Contextual factors	%%



# **Obesity prevalence**

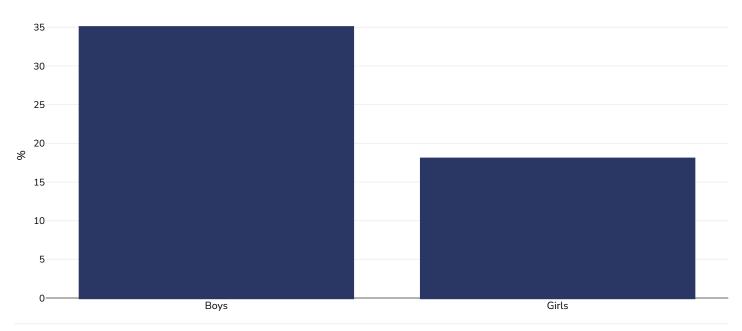
# Adults, 2019





### Children, 2021-2022

#### Overweight or obesity



Survey Self-reported type:

Age: Self-reported 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'

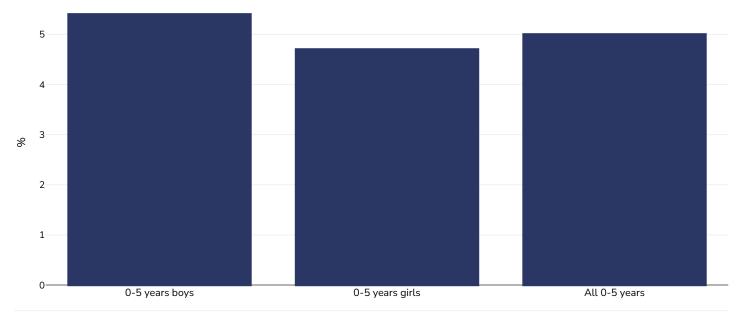
Notes: HBSC aims to survey approximately 1500 pupils per age group in each country or region (totaling around 4500)

Cutoffs: +2SD



### 0-5 years, 2010-2012

Overweight or obesity



Age: 0-5
Sample 3206
size:

References: Other: The prevalence of overweight and obesity among polish pre-school-aged children. Developmental Period

Medicine. 2016:XX.2

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 <a href="https://data.unicef.org/resources/jme-2023-country-consultations/">https://data.unicef.org/resources/jme-2023-country-consultations/</a> 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.

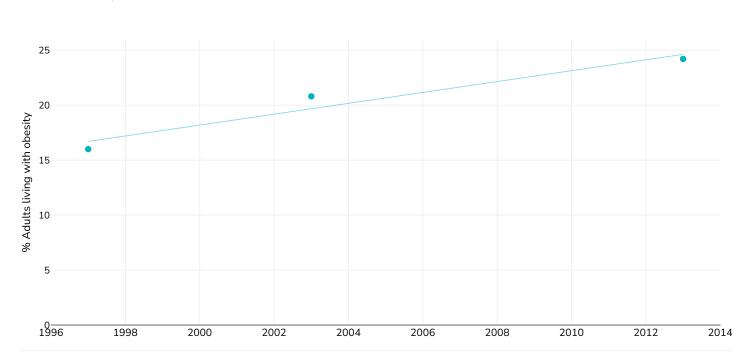
Definitions: =>+2SD



# % Adults living with obesity in Poland 1997-2013

#### Men





Survey Measured type:

References:

1997: Unpublished, provided by personal communication to World Obesity Federation'
2003: Polish Population Review; 27, 2005. Health Status of the Polish population aged over 19 years. Biblioteka
Kardiologiczna on 97 2008.

2013: Stepaniak, U. et al. (2016) 'Prevalence of general and abdominal obesity and overweight among adults in Poland. Results of the WOBASZ II study (2013-2014) and comparison with the WOBASZ study (2003-2005)', Pol Arch Med Wewn, 18; 126(9), pp. 662-671. doi: 10.20452/pamw.3499

Notes:

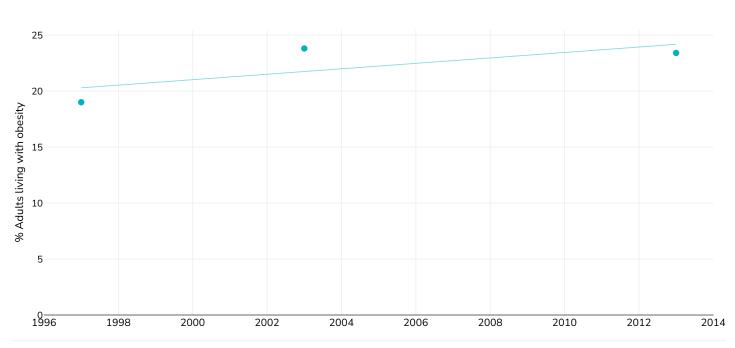
1997 data from unpublished source provided to World Obesity Federation

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



#### Women





Survey Measured

References:

type:

1997: Unpublished, provided by personal communication to World Obesity Federation' 2003: Polish Population Review; 27, 2005. Health Status of the Polish population aged over 19 years. Biblioteka Kardiologiczna on 97 2008.

2013: Stepaniak, U. et al. (2016) 'Prevalence of general and abdominal obesity and overweight among adults in Poland. Results of the WOBASZ II study (2013-2014) and comparison with the WOBASZ study (2003-2005)', Pol Arch Med Wewn, 18; 126(9), pp. 662-671. doi: 10.20452/pamw.3499

Notes:

1997 data from unpublished source provided to World Obesity Federation

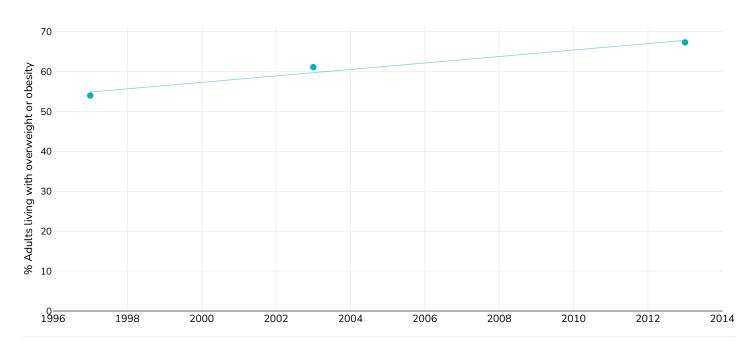
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².



# % Adults living with overweight or obesity in Poland 1997-2013

#### Men

Overweight or obesity



Survey Measured

type:

References:

1997: Unpublished, provided by personal communication to World Obesity Federation' 2003: Polish Population Review; 27, 2005. Health Status of the Polish population aged over 19 years. Biblioteka Kardiologiczna on 97 2008.

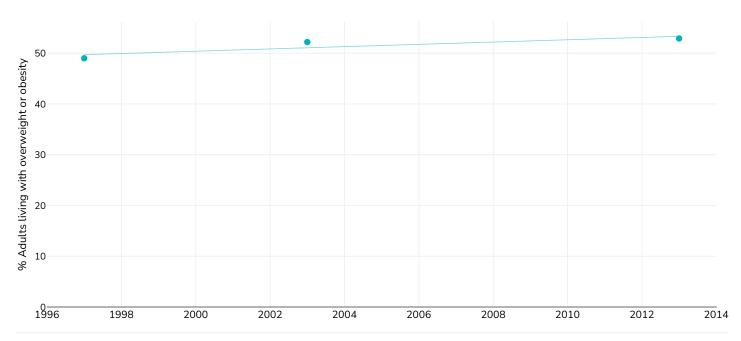
2013: Stepaniak, U. et al. (2016) 'Prevalence of general and abdominal obesity and overweight among adults in Poland. Results of the WOBASZ II study (2013-2014) and comparison with the WOBASZ study (2003-2005)', Pol Arch Med Wewn, 18; 126(9), pp. 662-671. doi: 10.20452/pamw.3499

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



#### Women

Overweight or obesity



Survey Measured

References:

type:

1997: Unpublished, provided by personal communication to World Obesity Federation' 2003: Polish Population Review; 27, 2005. Health Status of the Polish population aged over 19 years. Biblioteka Kardiologiczna on 97 2008.

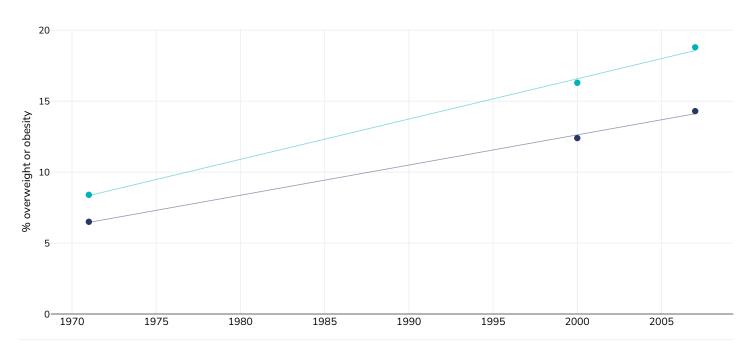
2013: Stepaniak, U. et al. (2016) 'Prevalence of general and abdominal obesity and overweight among adults in Poland. Results of the WOBASZ II study (2013-2014) and comparison with the WOBASZ study (2003-2005)', Pol Arch Med Wewn, 18; 126(9), pp. 662-671. doi: 10.20452/pamw.3499

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



# % Children living with overweight or obesity in Poland 1971-2007





Survey Measured

type:

References: 1971, 2000: Chrzanowska M, Koziel S and Ulijaszek SJ. (2007). Changes in BMI and the prevalence of overweight and obesity in children and adolescents in Cracow, Poland, 1971 - 2000. Economics and Human Biology 5:370 - 378.

2007: Kułaga Z, Grajda A, Gurzkowska B, Wojtyło MA, Góźdź M, Litwin MS.The prevalence of overweight and obesity among Polish school- aged children and adolescents [Article in English, Polish]Przegl Epidemiol.

2016;70(4):641-651.

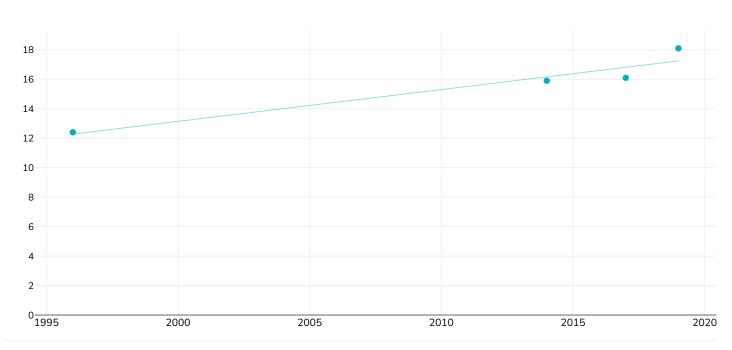
Definitions:



# Trend Poland Adult Obesity 1996 2019

#### Women

Obesity



Survey Self-reported

type:

References:

1996: 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: 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

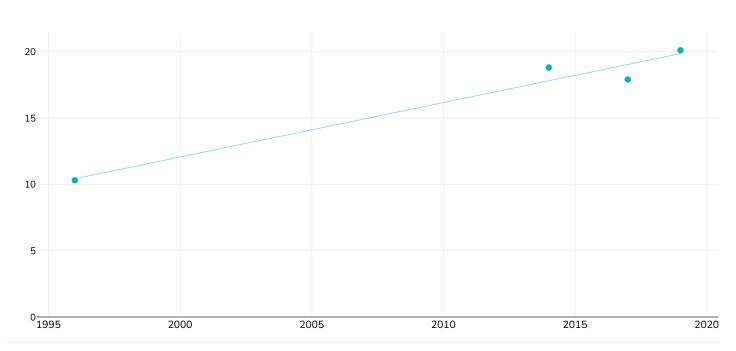
2019: Eurostat 2019. Data available at <a href="https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en">https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en</a>

(last accessed 09.08.21)



#### Men





Survey Self-reported

type:

References:

1996: Eurostat Yearbook 2006/07. A goldmine of statistical information. Available at

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: 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>

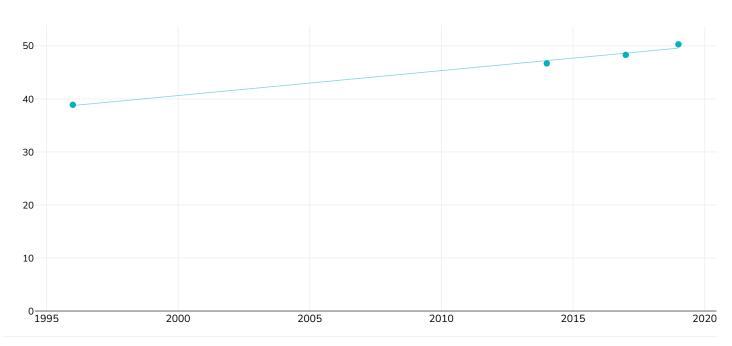
(last accessed 09.08.21)



# Trend Poland overweight obesity 1996 2019

#### Women

Overweight or obesity



Survey Self-reported

type:

References:

1996: 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: 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

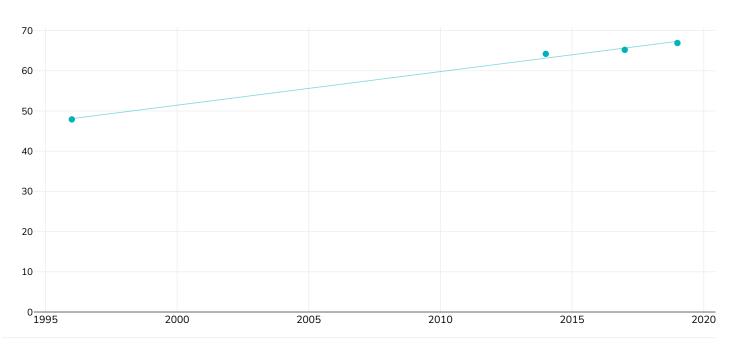
2019: Eurostat 2019. Data available at <a href="https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en">https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en</a>

(last accessed 09.08.21)



#### Men

Overweight or obesity



Survey Self-reported

type:

References:

1996: 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: 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)

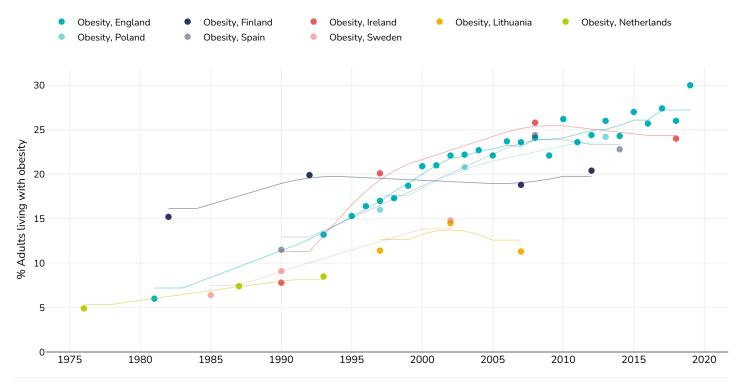
 $2019: Eurostat\ 2019.\ Data\ available\ at\ \underline{https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i\&lang=ender available\ at\ \underline{https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i\&lang=ender available\ at\ \underline{https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=ender available\ at\ \underline{https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth_ehis\_bm1i&lang=ender available\ at\ \underline{https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth_ehis\_bm1i&lang=ender available\ at\ \underline{https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth_ehis\_bm1i&lang=ender available\ at\ \underline{https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth_ehis\_bm1i&lang=ender available\ at\ \underline{https://appsso.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show.do?dataset=hlth.europa.eu/nui/show$ 



% Adults living with obesity in Europe 1976-2018, selected countries



#### Men



References: 1976, 1987, 1993: Visscher TLS, Kromhout D, Seidell J. Long term and recent time trends in the prevalence of obesity among

Dutch men and women. IJO 2002;26:1218-24

1981: Royal College of Physicians (1983). Obesity. Reprinted from the Journal of the Royal College of Physicians of London

Vol 17 (No 1) January 1983

1982: Lahti-Koski M, Vartiainen E, Mannisto S, Pietinen P. Age, education and occupation as determinants of trends in body mass index in Finland from 1982 to 1997. International Journal of Obesity (2000);24:1669-1676

1985: Berg C, Rosengren A, Aires N, :appas G, Toren K, Thelle D, Lissner L. Trends in overweight and obesity from 1985 to 2002 in Goteborg, West Sweden. IJO 2005 Aug;29(8):916-24

1990: Aranceta J, Perex Rodrigo C, Serra Majem LI et al. Prevalence od Obesity in Spain: SEEDO'97 study. Spanish

Collaborative Group for the Study of Obesity. Med Clin (Barc). 1998;117:441-5

1992: Lahti-Koski M, Pietinen P, Munnisto S, Vartiainen E. Trends in waist to hip ratio and its determinants in adults in Finland from 1987 to 1997. American Journal of Clinical Nutrition 2000;72:1436-1444

1995: Health Survey for England 1995.

1996: Health Survey for England 1996.

1997: Pomerleau J, Pudule I, Grinberga D, Kadziauskiene K, Abaravicius A, Bartkeviciute R, Vaask S, Robertson A, McKee M.

Patterns of body weight in the Baltic Republics. Public Health Nutrition. 2000;3:3-10

1998: Health Survey for England 1998.

1999: Health Survey for England 1999.

2000: Health Survey for England 2000.

2001: Health Survey for England 2001.

2002, 2007: Barzda A, Bartkevičiūtė R, Stukas R, Šatkutė R, Abaravičius JA. Lietuvos gyventojų kūno masės indekso pokyčiai 1997-2007 metais. Sveikatos mokslai 2009;3:2406-2410.

(no English translation)

2003: Health Survey for England 2003.

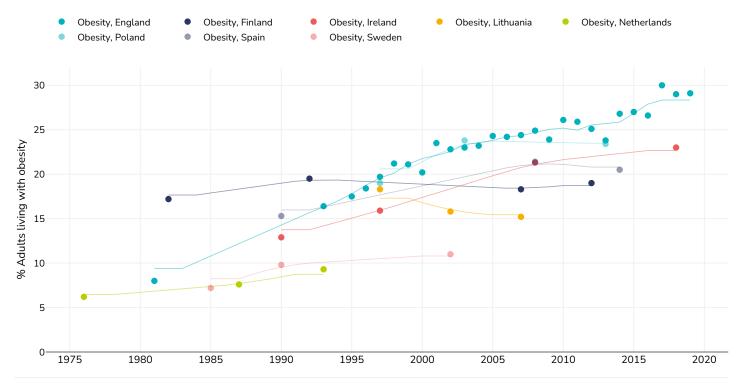
2004: Health Survey for England 2004.

2005. Hoalth Curvey for England 2005





#### Women



References: 1976, 1987, 1993: Visscher TLS, Kromhout D, Seidell J. Long term and recent time trends in the prevalence of obesity among

Dutch men and women. IJO 2002;26:1218-24

1981: Royal College of Physicians (1983). Obesity. Reprinted from the Journal of the Royal College of Physicians of London

Vol 17 (No 1) January 1983

1982: Lahti-Koski M, Vartiainen E, Mannisto S, Pietinen P. Age, education and occupation as determinants of trends in body mass index in Finland from 1982 to 1997. International Journal of Obesity (2000);24:1669-1676

1985: Berg C, Rosengren A, Aires N, :appas G, Toren K, Thelle D, Lissner L. Trends in overweight and obesity from 1985 to 2002 in Goteborg, West Sweden. IJO 2005 Aug;29(8):916-24

1990: Aranceta J, Perex Rodrigo C, Serra Majem LI et al. Prevalence od Obesity in Spain: SEEDO'97 study. Spanish

Collaborative Group for the Study of Obesity. Med Clin (Barc). 1998;117:441-5

1992: Lahti-Koski M, Pietinen P, Munnisto S, Vartiainen E. Trends in waist to hip ratio and its determinants in adults in Finland from 1987 to 1997. American Journal of Clinical Nutrition 2000;72:1436-1444

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1996: Health Survey for England 1996.

1997: Pomerleau J, Pudule I, Grinberga D, Kadziauskiene K, Abaravicius A, Bartkeviciute R, Vaask S, Robertson A, McKee M.

Patterns of body weight in the Baltic Republics. Public Health Nutrition. 2000;3:3-10

1998: Health Survey for England 1998.

1999: Health Survey for England 1999.

2000: Health Survey for England 2000.

2001: Health Survey for England 2001.

2002, 2007: Barzda A, Bartkevičiūtė R, Stukas R, Šatkutė R, Abaravičius JA. Lietuvos gyventojų kūno masės indekso pokyčiai 1997-2007 metais. Sveikatos mokslai 2009;3:2406-2410.

(no English translation)

2003: Health Survey for England 2003.

2004: Health Survey for England 2004.

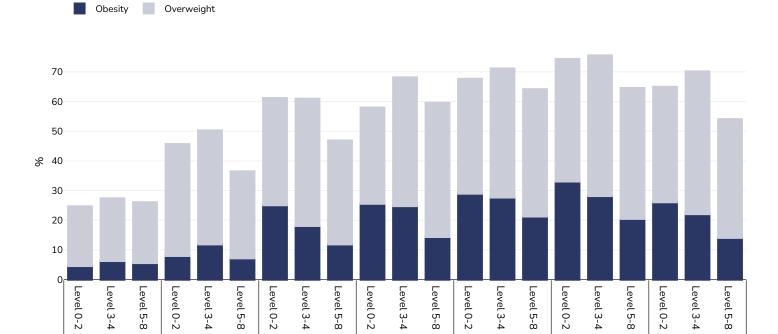
2005: Health Curvey for England 2005





# Overweight/obesity by age and education

## Adults, 2019



Survey type: Self-reported

Age 45-54

Age 35-44

Area National covered:

References:

Age 18-24

Age 25-34

 $Eurostat\ 2019.\ Available\ at\ \underline{https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e\&lang=en}\ (last)$ 

Age 55-64

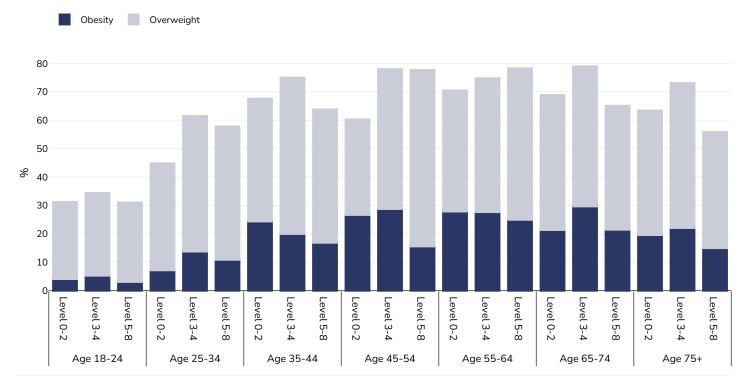
Age 65-74

accessed 09.08.21).

Age 75+



# Men, 2019



Survey type: Self-reported

Area National

covered:

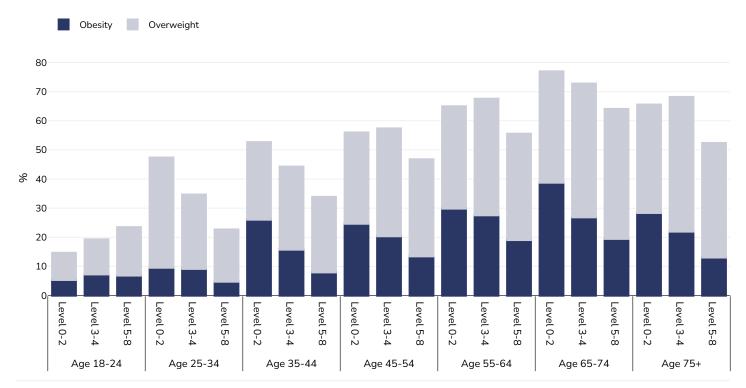
 $References: Eurostat\ 2019.\ Available\ at\ \underline{https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e\&lang=en}\ (last below at all the proposed for the propos$ 

accessed 09.08.21).

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



## Women, 2019



Survey type: Self-reported

Area National

covered:

 $References: Eurostat\ 2019.\ Available\ at\ \underline{https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1e\&lang=en}\ (last below the following and the following properties of the follow$ 

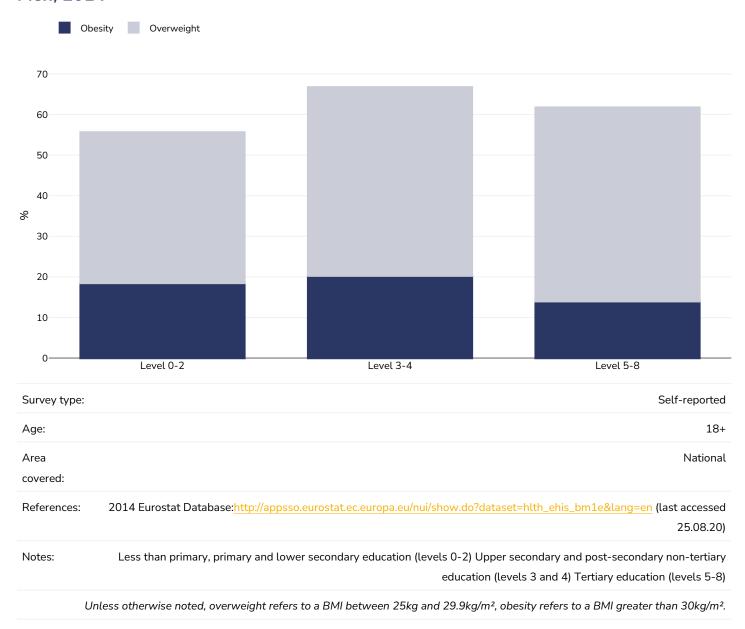
accessed 09.08.21).

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



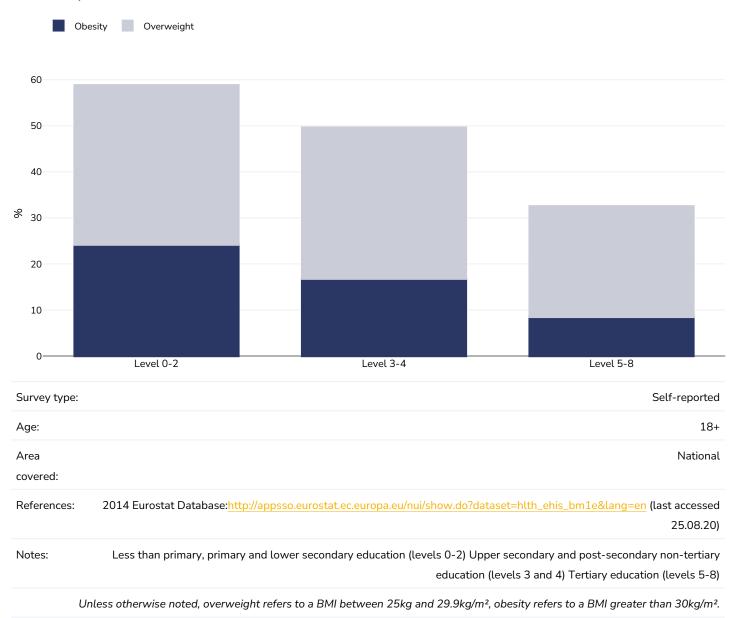
# Overweight/obesity by education

## Men, 2014



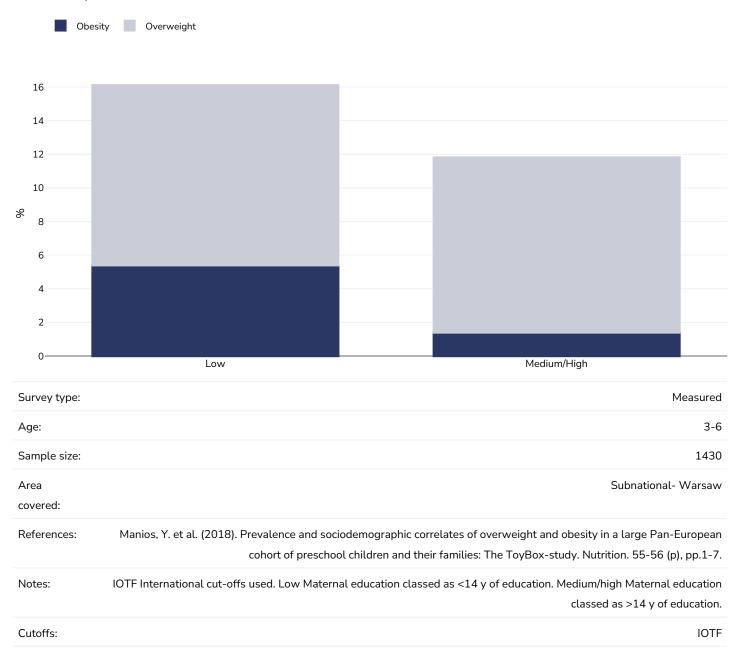


## Women, 2014





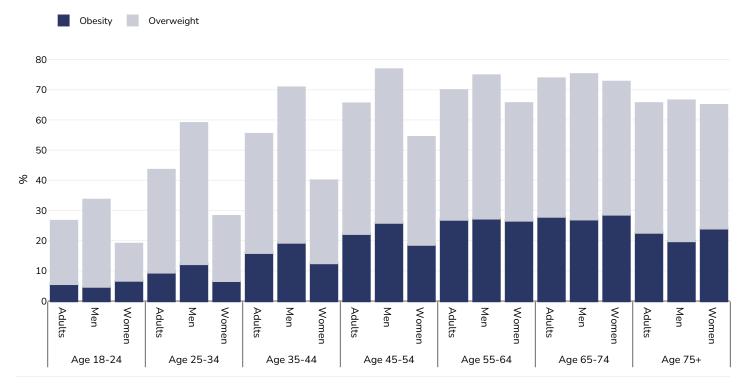
## Children, 2012





# Overweight/obesity by age

# Adults, 2019



Survey type: Self-reported

Area National covered:

References:

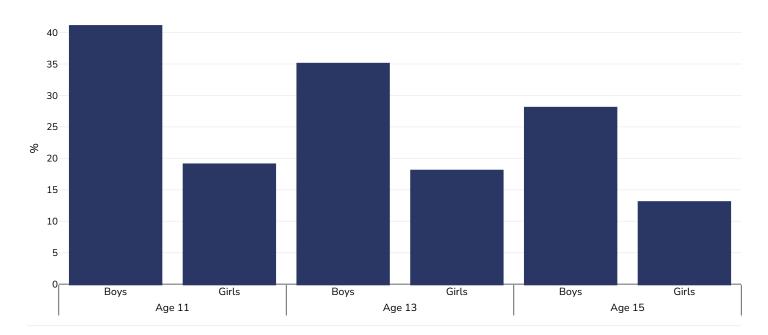
Eurostat 2019. Available at <a href="https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en">https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=hlth\_ehis\_bm1i&lang=en</a> (last

accessed 09.08.21).



### Children, 2021-2022





Survey Self-reported type:

Area See Report

References:

covered:

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)

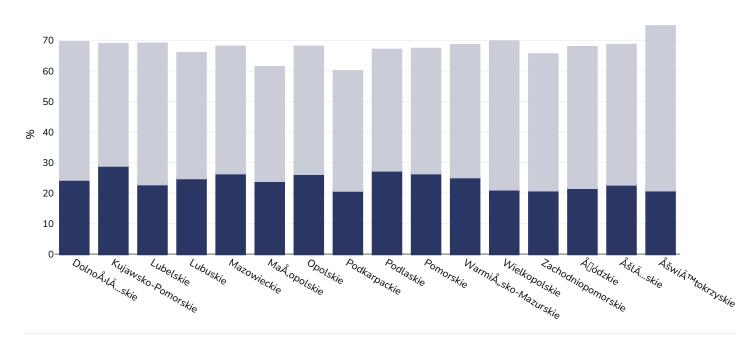
Cutoffs: +2SD



# Overweight/obesity by region

#### Men, 2013-2014





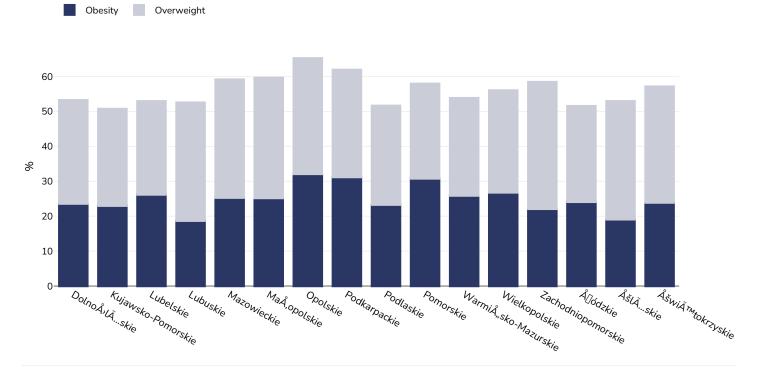
Survey	Measured
type:	
Age:	20+
Sample size:	6164
size:	
Area	National
covered:	

References:

Stepaniak, Urszula, et al. "Prevalence of General and Abdominal Obesity and Overweight among Adults in Poland. Results of the WOBASZ II Study (2013–2014) and Comparison with the WOBASZ Study (2003–2005)." Polish Archives of Internal Medicine, vol. 126, no. 9, 18 Aug. 2016, pubmed.ncbi.nlm.nih.gov/27535012/, 10.20452/pamw.3499. Accessed 1 June 2021.



### Women, 2013-2014



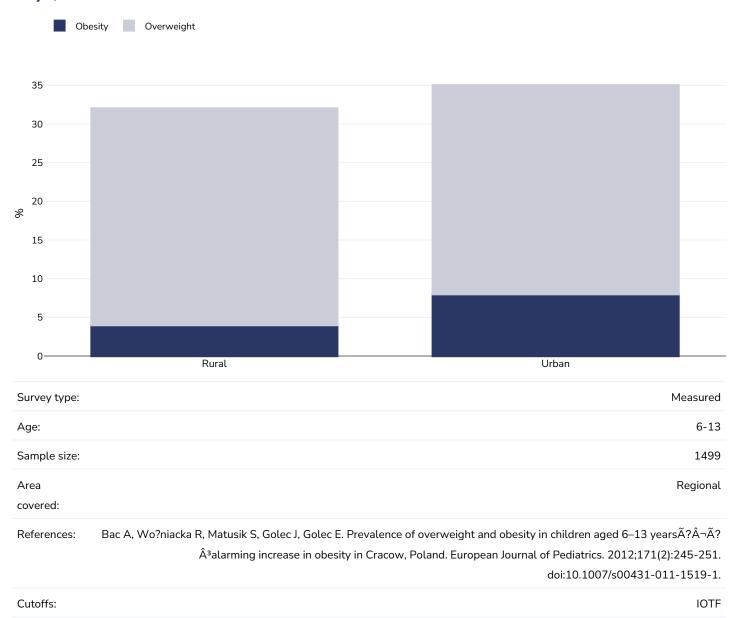
Survey	Measured
type:	
Age:	20+
Sample	6164
size:	
Area	National
covered:	

References:

Stepaniak, Urszula, et al. "Prevalence of General and Abdominal Obesity and Overweight among Adults in Poland. Results of the WOBASZ II Study (2013–2014) and Comparison with the WOBASZ Study (2003–2005)." Polish Archives of Internal Medicine, vol. 126, no. 9, 18 Aug. 2016, pubmed.ncbi.nlm.nih.gov/27535012/, 10.20452/pamw.3499. Accessed 1 June 2021.

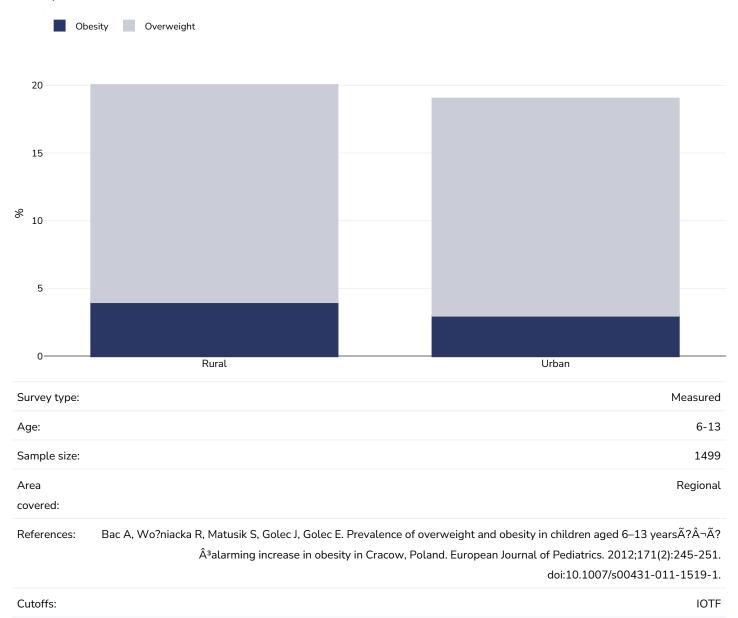


## Boys, 2008-2009





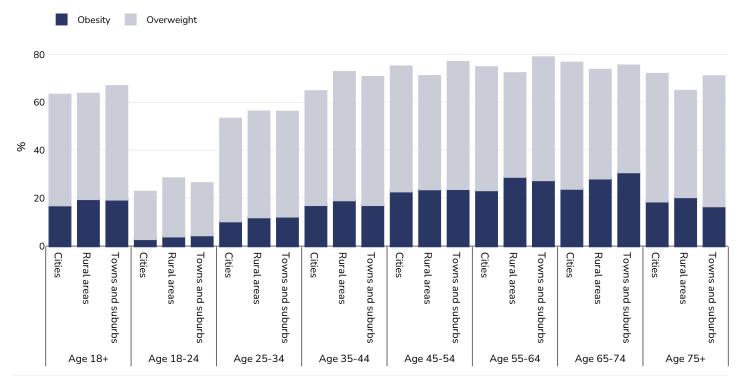
## Girls, 2008-2009





# Overweight/obesity by age and region

## Men, 2014



Survey type: Self-reported

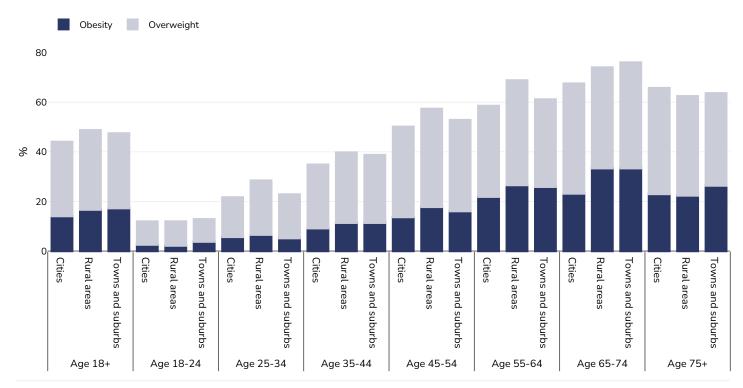
Area National

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)



## Women, 2014



Survey type:

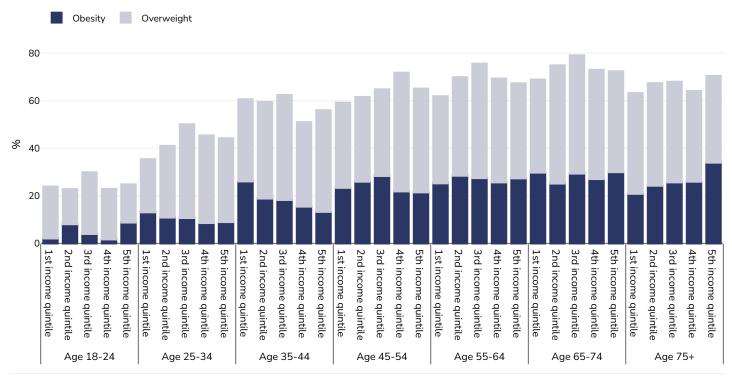
Area
Covered:

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 25.08.20)



# Overweight/obesity by age and socio-economic group

### Adults, 2019



Survey type: Self-reported

Area National

covered:

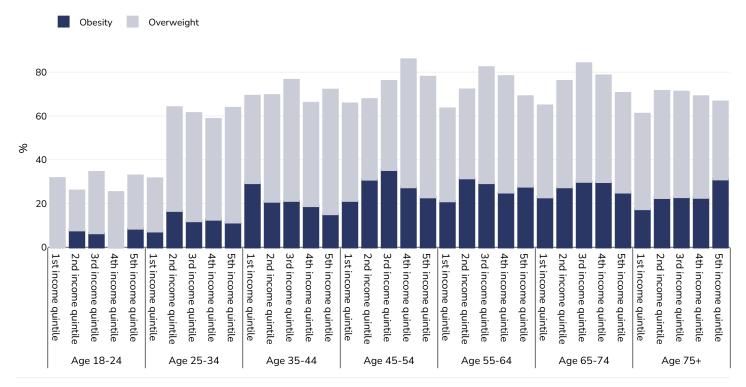
References:

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).



### Men, 2019



Survey type: Self-reported

Area National

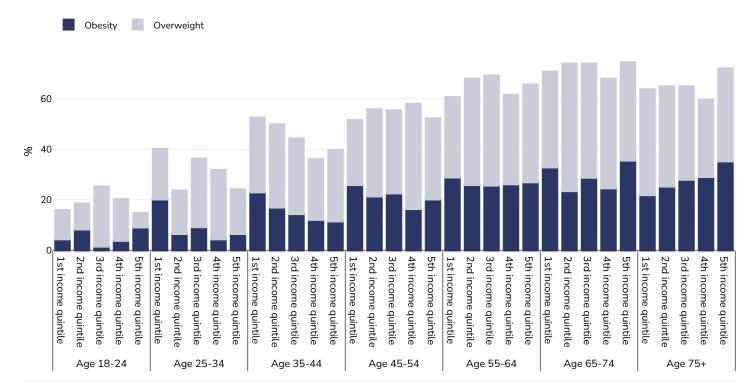
covered:

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

accessed 09.08.21).



## Women, 2019



Survey type: Self-reported

Area 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).

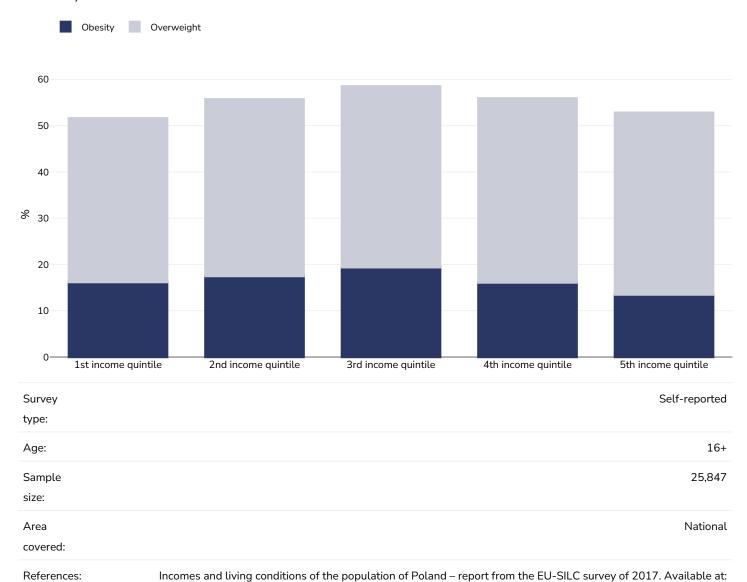
National

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



# Overweight/obesity by socio-economic group

### Adults, 2017



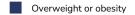
Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m², obesity refers to a BMI greater than 30kg/m².

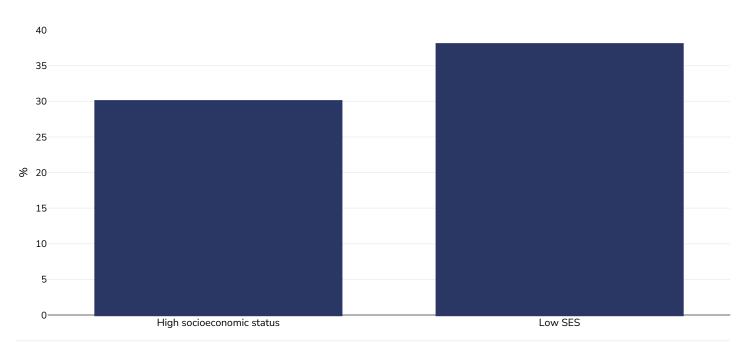
 $https://stat.gov.pl/files/gfx/portal informacyjny/en/defaultaktualnosci/3305/1/10/1/incomes\_and\_living\_conditions\_eu-living\_eu-li$ 

silc\_2017.pdf. Last accessed: 03.06.21.



#### Boys, 2021-2022





Survey	Self-reported
type:	
Age:	11-15

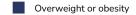
References: Raki? JG, Hamrik Z, Dzielska A, Felder-Puig R, Oja L, Bakalár P et al. A focus on adolescent physical activity, eating behaviours, weight status and body image in Europe, central Asia and Canada. Health Behaviour in School-aged Children (HBSC) international report from the 2021/2022 survey. 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'

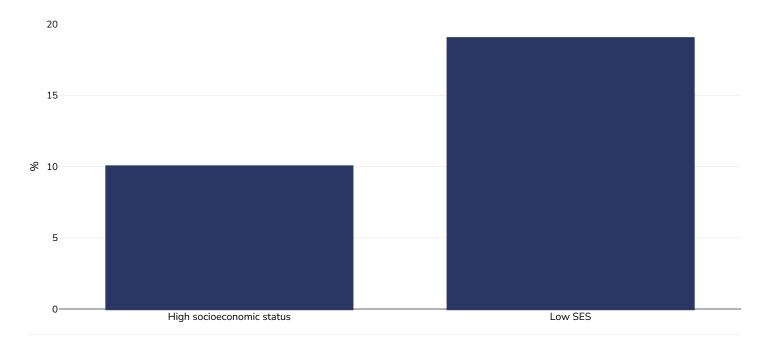
Notes: Family affluence scaleHBSC aims to survey approximately 1500 pupils per age group in each country or region (totaling around 4500)

Cutoffs: +2SD



#### Girls, 2021-2022





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)

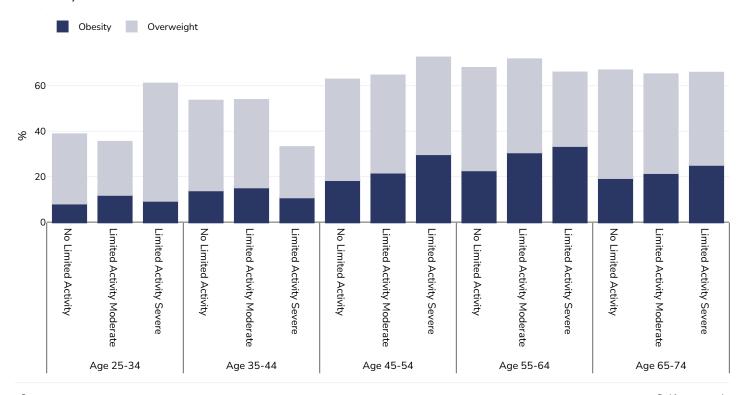
Cutoffs: +2SD



# Overweight/obesity by age and limited activity

#### Adults, 2014

Area covered:



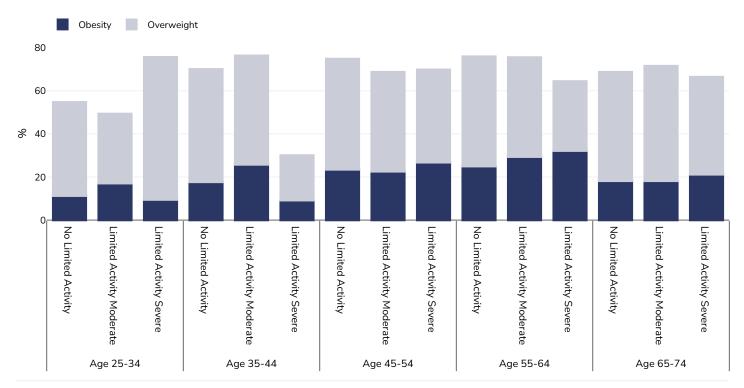
Survey type: Self-reported National

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

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



### Men, 2014



Survey type: Self-reported

Area covered: National

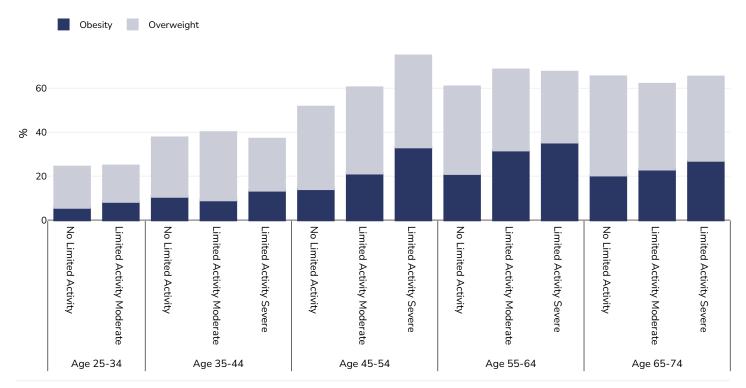
References:

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)

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



### Women, 2014



Survey type: Self-reported

Area covered: National

References:

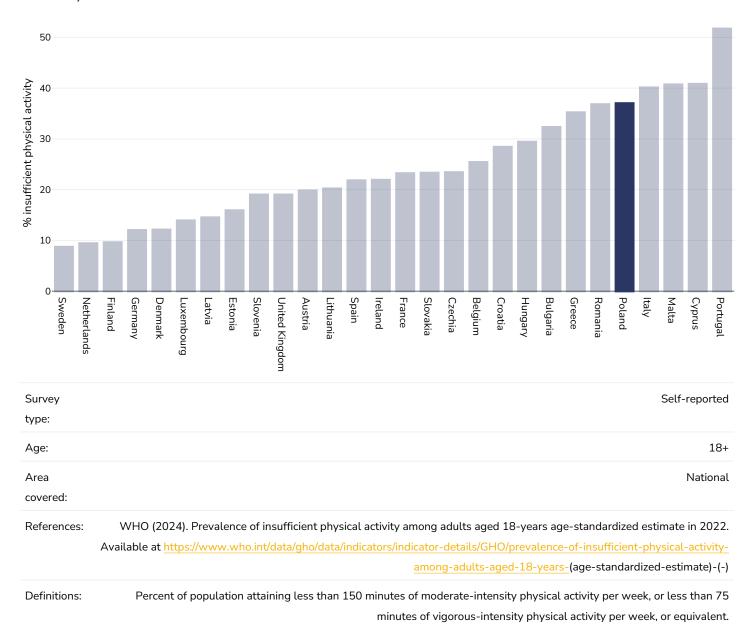
Eurostat 2014 available at <a href="https://appsso.eurostat.ec.europa.eu/nui/submitViewTableAction.do">https://appsso.eurostat.ec.europa.eu/nui/submitViewTableAction.do</a> (last accessed 06.10.21)

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



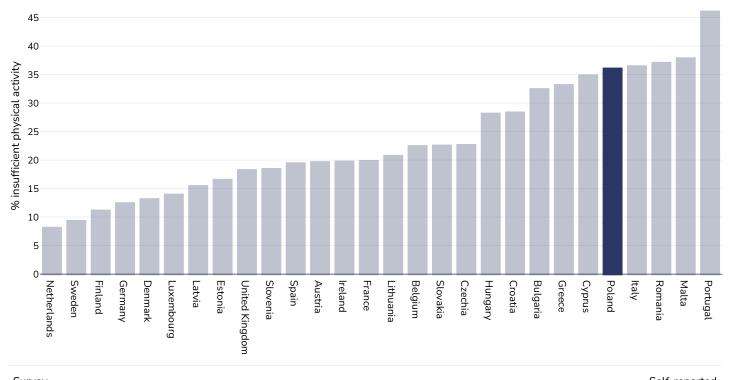
# Insufficient physical activity

#### Adults, 2022





#### Men, 2022



Survey	Setr-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.

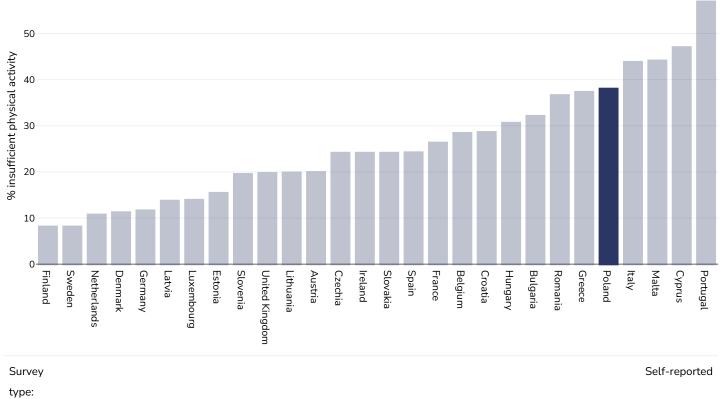
Available at https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-

<u>among-adults-aged-18-years-</u>(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.



#### Women, 2022



type:	
Age:	18+
Area	National
covered:	

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

 $A vailable\ at\ \underline{\text{https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-phys$ 

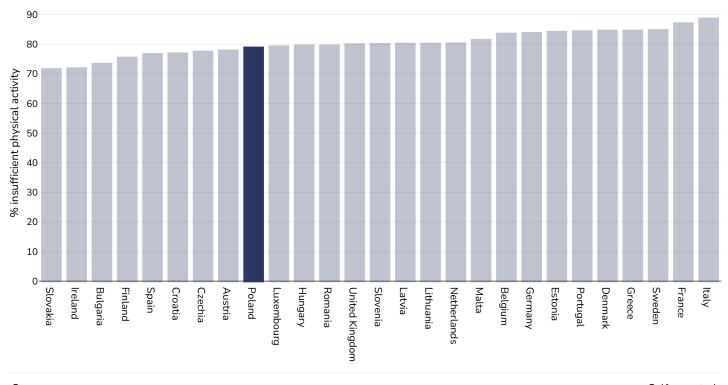
<u>among-adults-aged-18-years-</u>(age-standardized-estimate)-(-)

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:

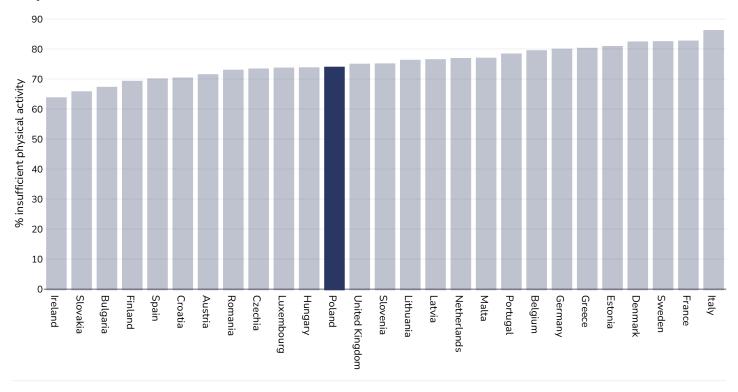


Survey	Self-reported Self-reported
type:	
Age:	11-17
References:	Global Health Observatory data repository, World Health Organisation, <a href="https://apps.who.int/gho/data/node.main.A893ADO?lang=en">https://apps.who.int/gho/data/node.main.A893ADO?lang=en</a> (last accessed 16.03.21)
Notes:	% of school 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



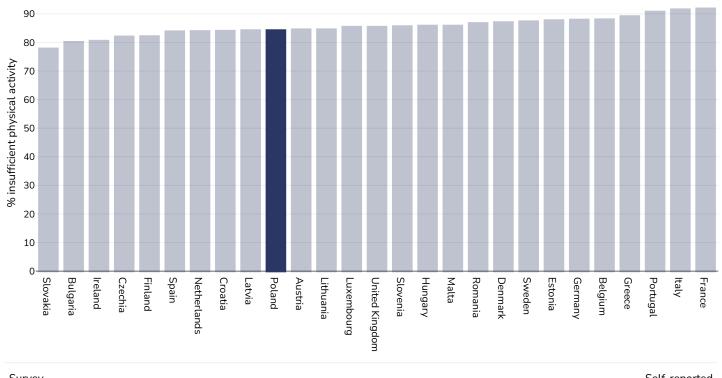
Survey	Self-reported
type:	
Age:	11-17
References:	Global Health Observatory data repository, World Health Organisation, <a href="https://apps.who.int/gho/data/node.main.A893ADO?lang=en">https://apps.who.int/gho/data/node.main.A893ADO?lang=en</a> (last accessed 16.03.21)

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)



# Girls, 2016

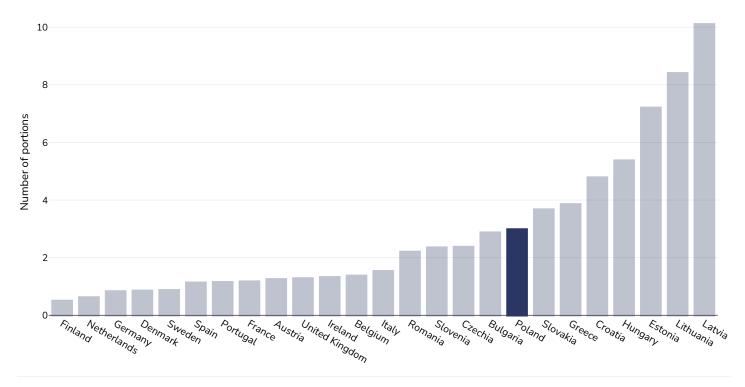


Survey	Self-reported
type:	
Age:	11-17
References:	Global Health Observatory data repository, World Health Organisation, <a href="https://apps.who.int/gho/data/node.main.A893ADO?lang=en">https://apps.who.int/gho/data/node.main.A893ADO?lang=en</a> (last accessed 16.03.21)
Notes:	% of school going adolescents 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)



# Sugar consumption

### Adults, 2016



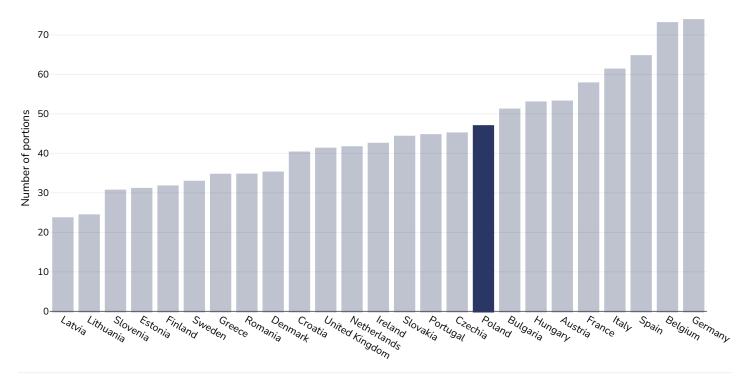
References: Source: Euromonitor International

Definitions: Sugar consumption (Number of 500g sugar portions/person/month)



# Estimated per capita sugar sweetened beverages intake

### Adults, 2016



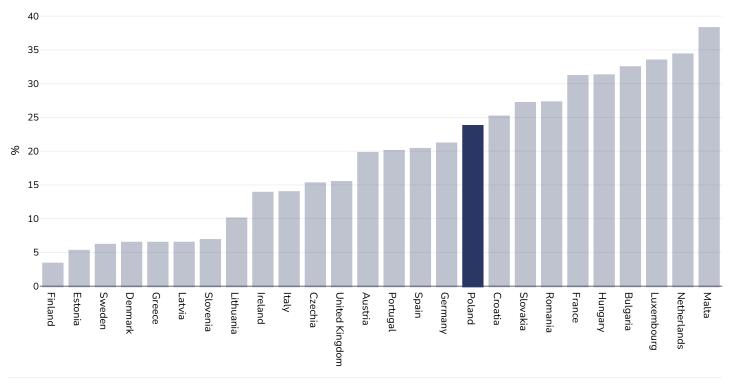
References:

Source: Euromonitor International



### 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 <a href="https://www.foodsystemsdashboard.org">http://www.foodsystemsdashboard.org</a>

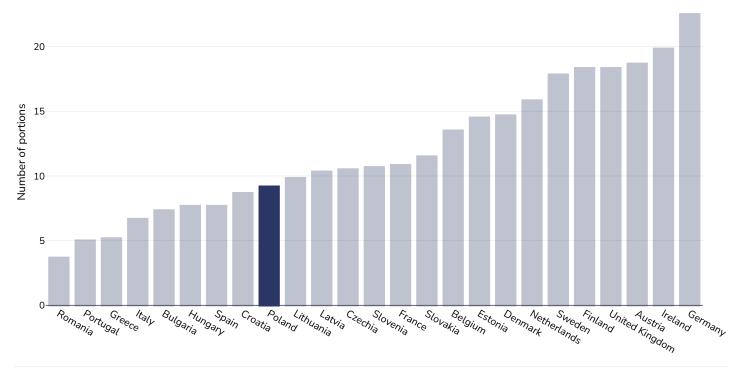
Notes: 15-year-old adolescents

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



# Prevalence of confectionery consumption

### Adults, 2016



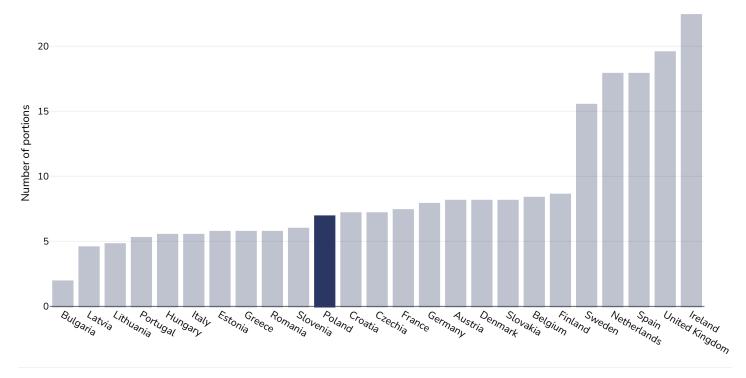
References: Source: Euromonitor International

Definitions: Prevalence of confectionery consumption (Number of 50g confectionery portions/person/month)



# Prevalence of sweet/savoury snack consumption

### Adults, 2016



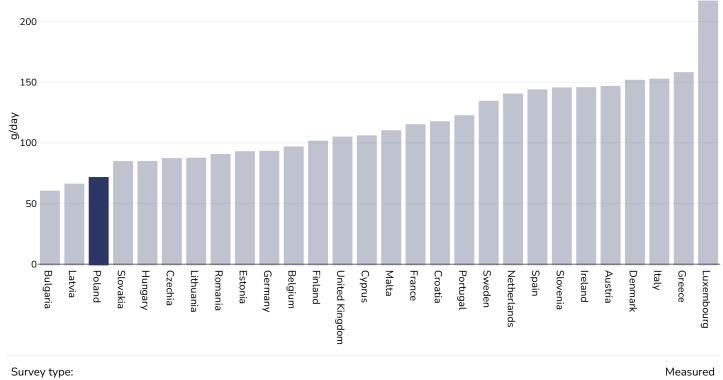
References: Source: Euromonitor International

Definitions: Prevalence of sweet/savoury snack consumption (Number of 35g sweet/savoury snack portions/person/month)



# Estimated per capita fruit intake

# Adults, 2017

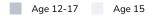


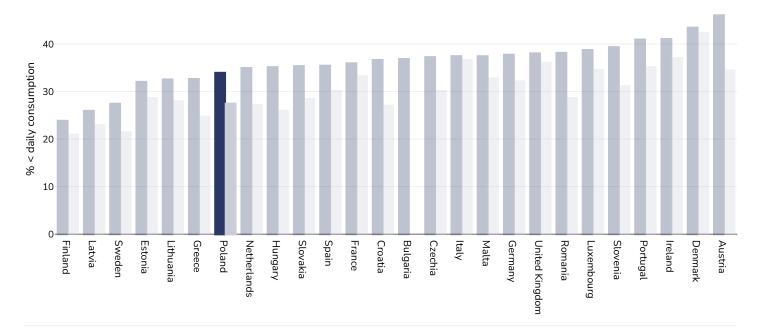
Survey type:	Measured
Age:	25+
References:	Global Burden of Disease, the Institute for Health Metrics and Evaluation <a href="http://ghdx.healthdata.org/">http://ghdx.healthdata.org/</a>
Definitions:	Estimated per-capita fruit intake (g/day)



# 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

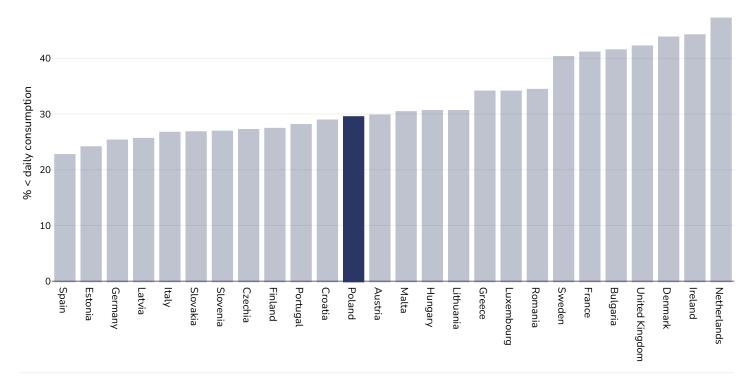
Definitions:

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

 $\underline{\text{http://www.foodsystemsdashboard.org/food-system}}$ 

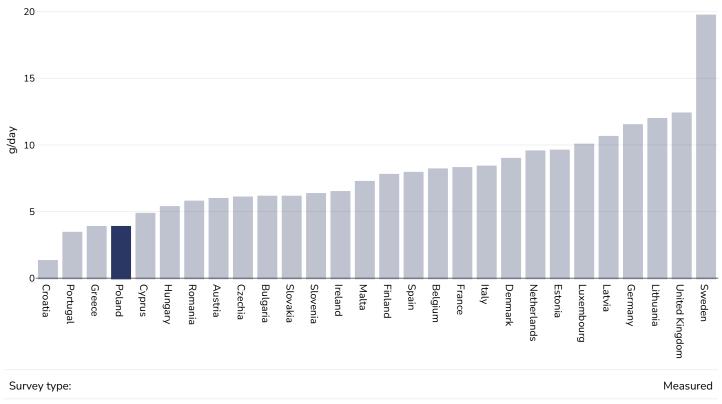
Definitions:

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



# Estimated per-capita processed meat intake

### Adults, 2017



Survey type:

Age:

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

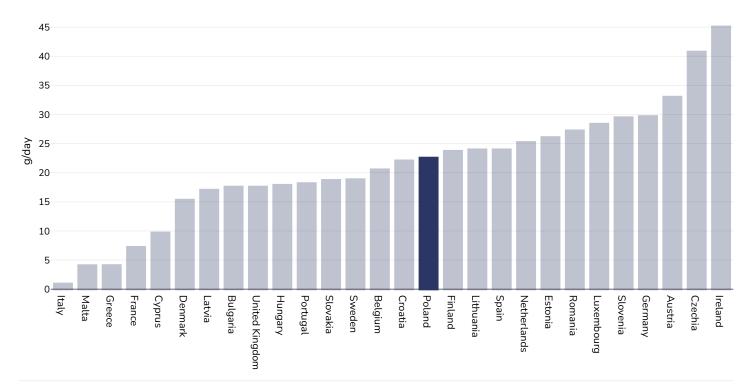
Definitions:

Estimated per-capita processed meat intake (g per day)



# Estimated per capita whole grains intake

# Adults, 2017

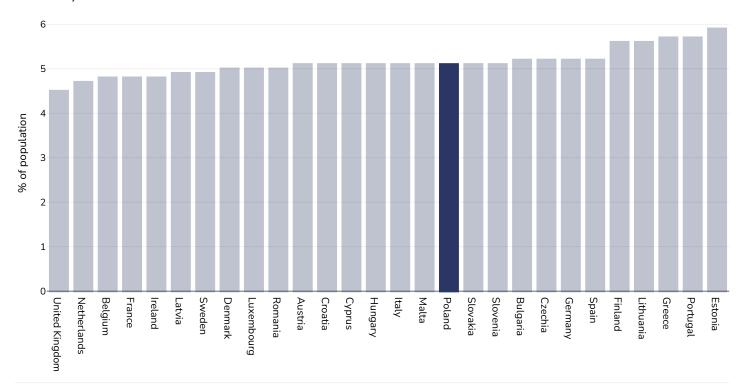


Survey type:	Measured
Age:	25+
References:	Global Burden of Disease, the Institute for Health Metrics and Evaluation <a href="http://ghdx.healthdata.org/">http://ghdx.healthdata.org/</a>
Definitions:	Estimated per-capita whole grains intake (g/day)



# 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.

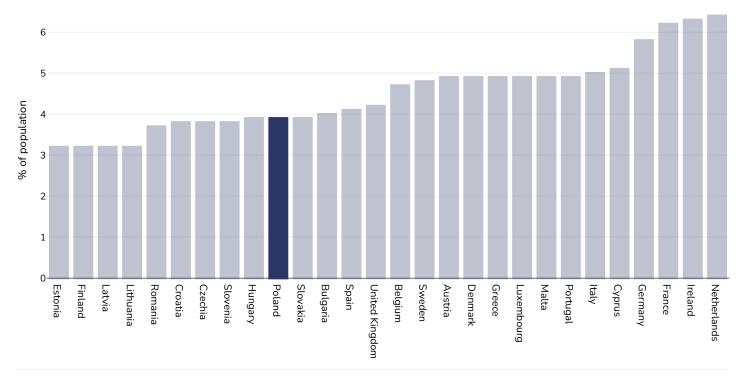
Definitions:

% of population with depression disorders



# Mental health - anxiety disorders

# Adults, 2015



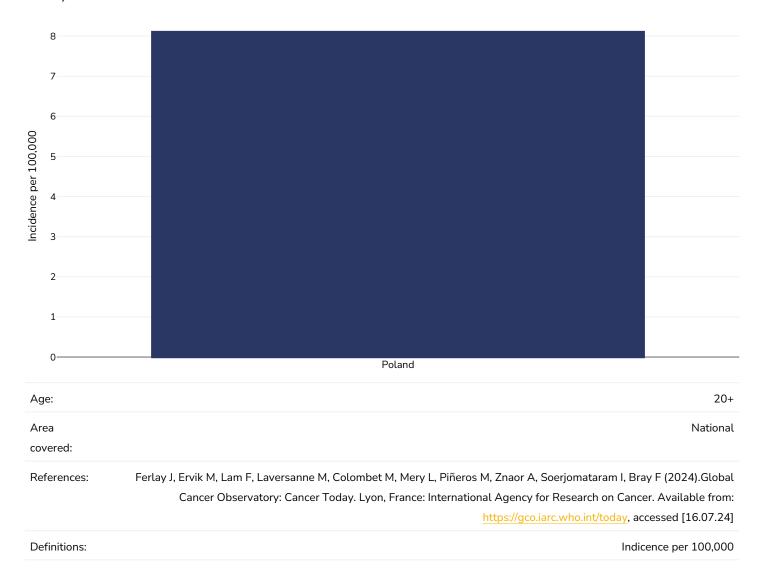
References: Prevalence data from Global Burden of Disease study 2015 (<a href="http://ghdx.healthdata.org">http://ghdx.healthdata.org</a>) published in: Depression and Other Common Mental Disorders: Global Health Estimates. Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO.

Definitions: % of population with anxiety disorders



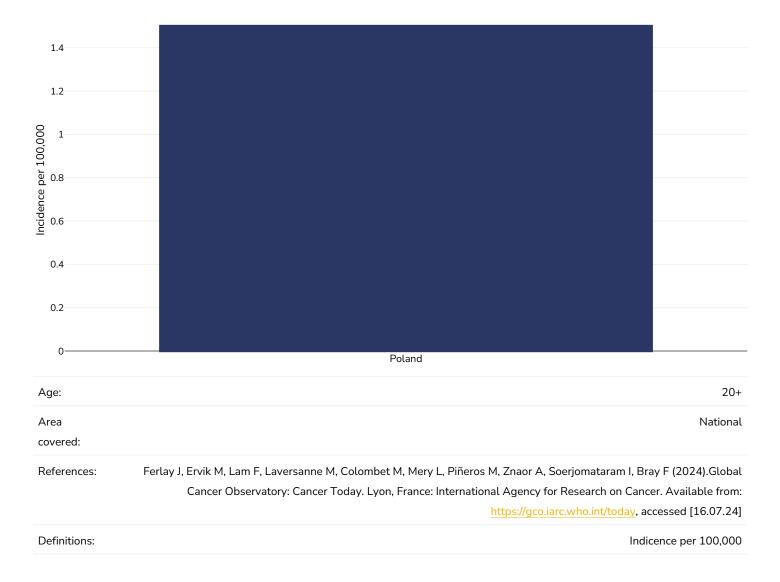
# Oesophageal cancer

### Men, 2022





### Women, 2022

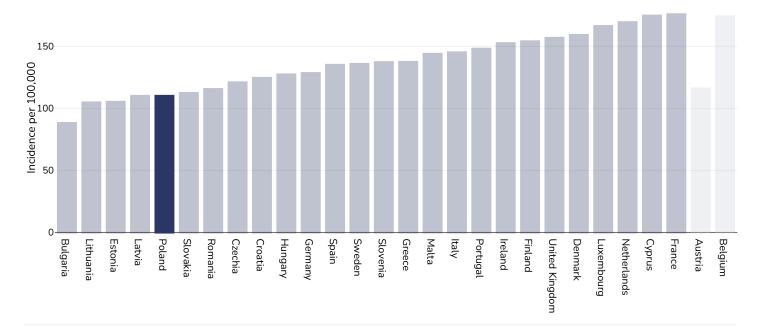




#### **Breast cancer**

#### 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



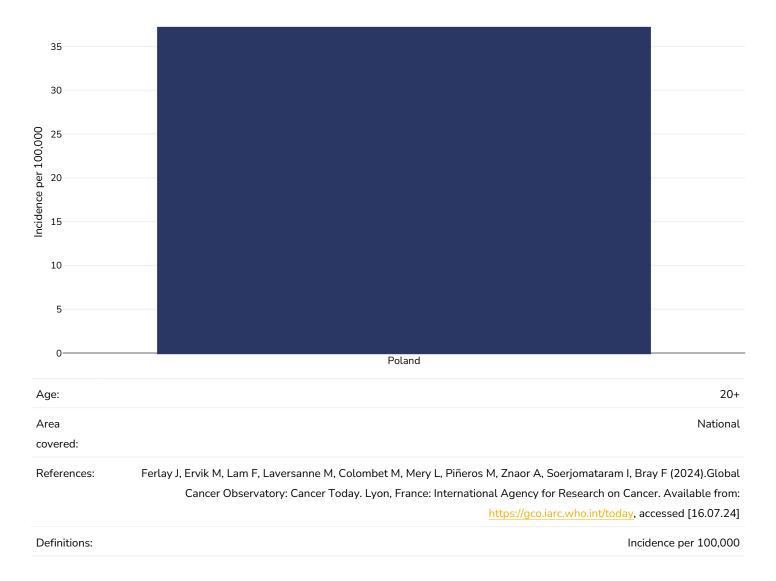
### **Colorectal cancer**

### Men, 2022





### Women, 2022

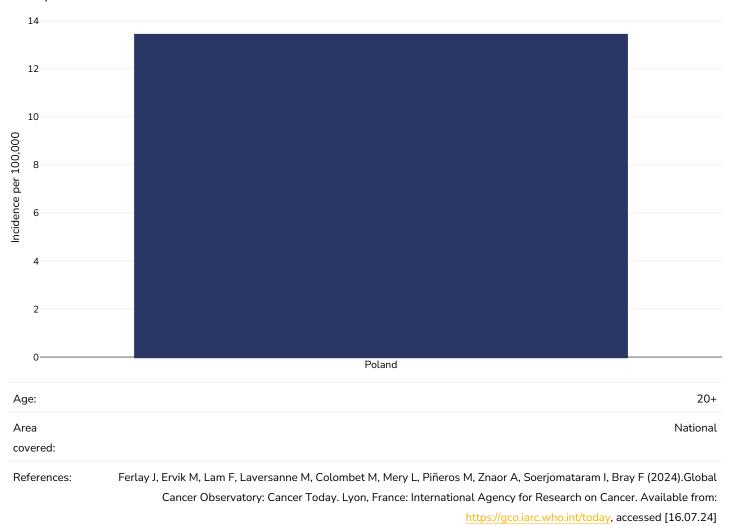




### Pancreatic cancer

### Men, 2022

Definitions:

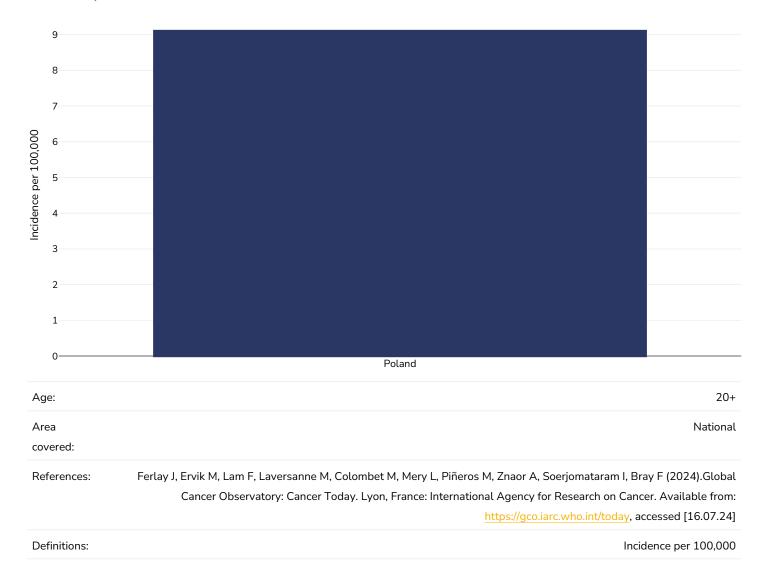


Incidence per 100,000

66



### Women, 2022





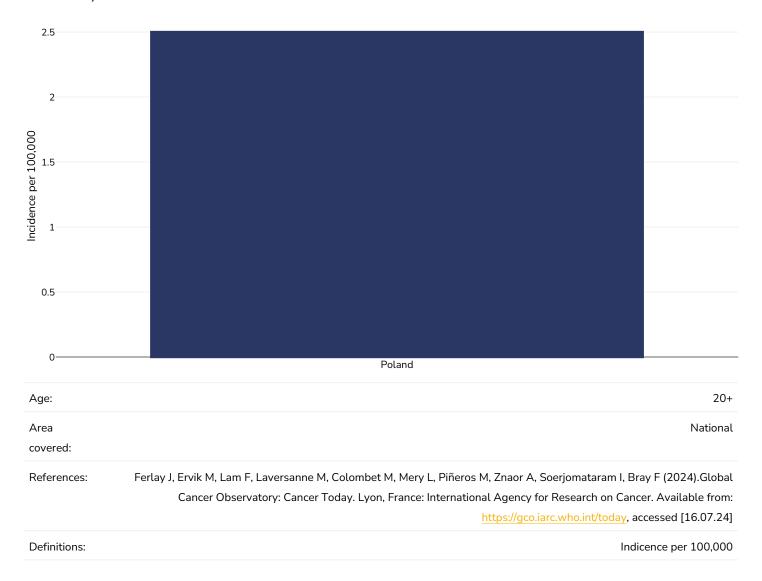
### Gallbladder cancer

### Men, 2022





### Women, 2022





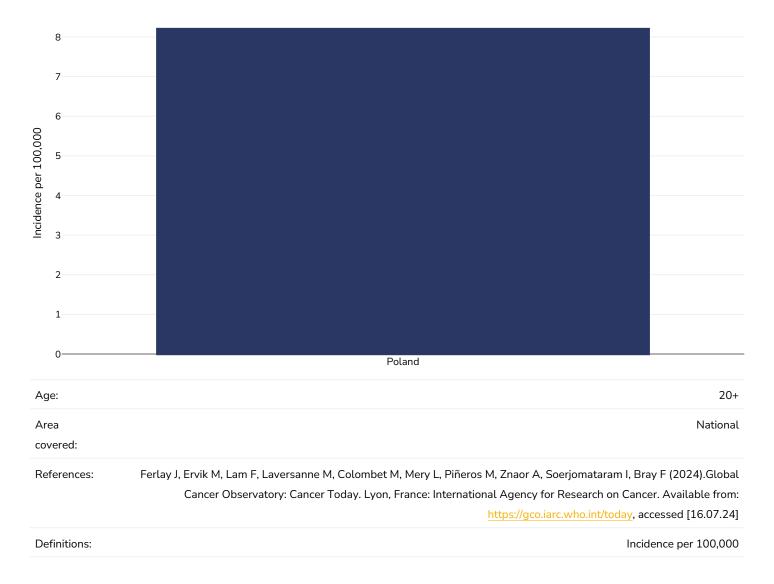
### Kidney cancer

### Men, 2022





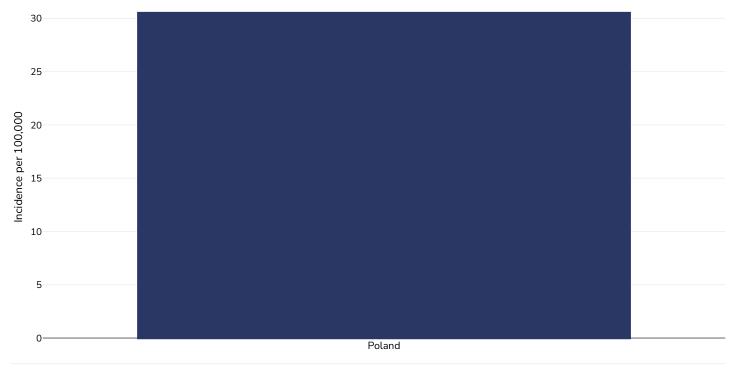
# Women, 2022





### 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:

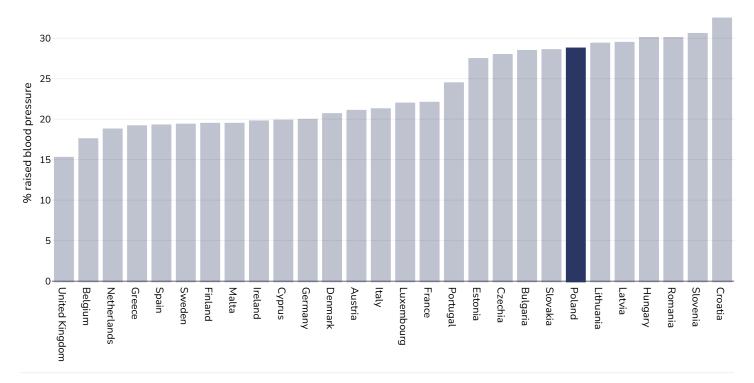
https://gco.iarc.who.int/today, accessed [16.07.24]

Definitions: Incidence per 100,000



# Raised blood pressure

#### Adults, 2015



References:

Global Health Observatory data repository, World Health Organisation,

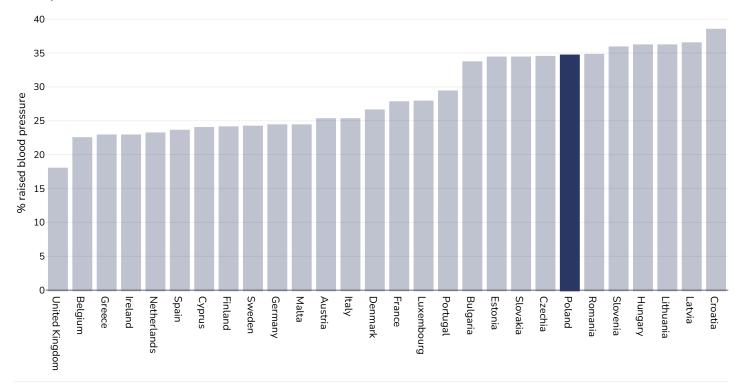
http://apps.who.int/gho/data/node.main.A875?lang=en

Definitions:

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



#### Men, 2015



References:

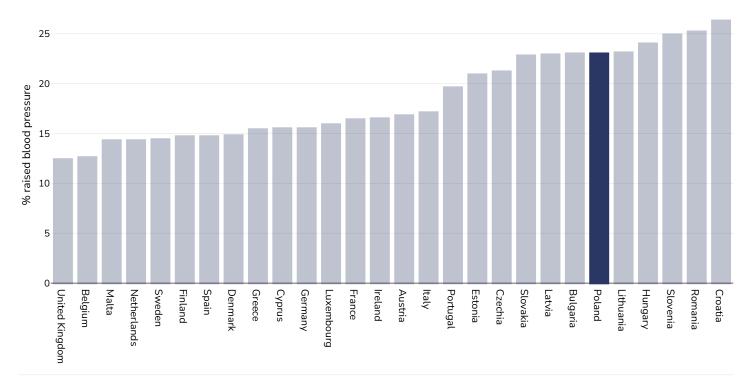
Global Health Observatory data repository, World Health Organisation,

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

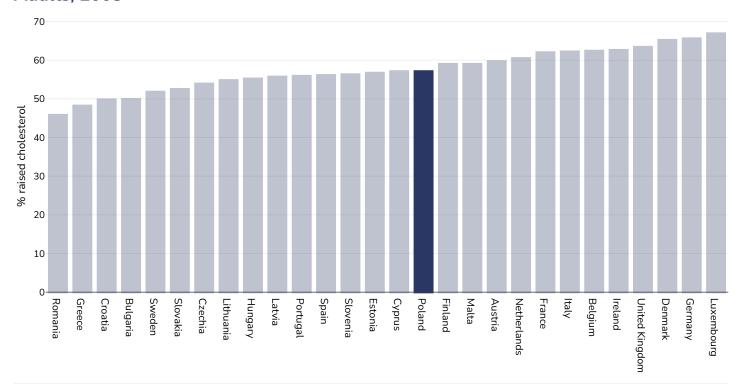
Definitions:

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



#### Raised cholesterol

#### Adults, 2008



References:

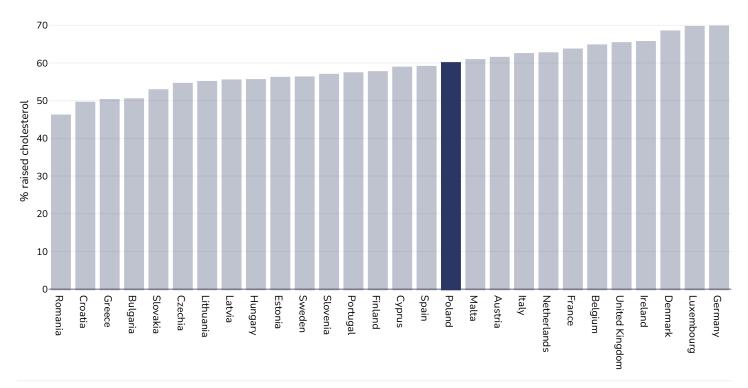
Global Health Observatory data repository, World Health Organisation, <a href="http://apps.who.int/gho/data/node.main.A885">http://apps.who.int/gho/data/node.main.A885</a>

Definitions:

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



#### Men, 2008

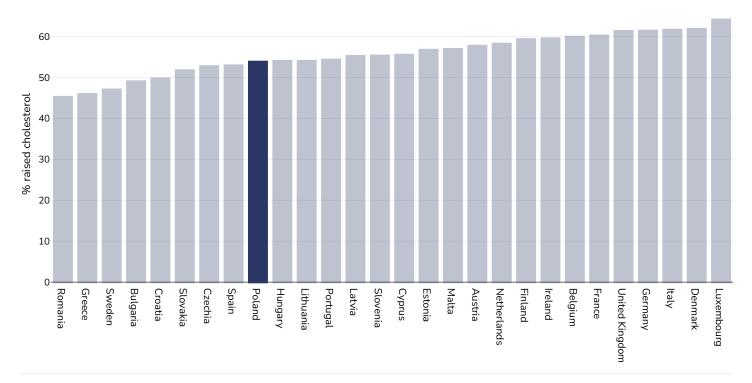


References: Global Health Observatory data repository, World Health Organisation, <a href="http://apps.who.int/gho/data/node.main.A885">http://apps.who.int/gho/data/node.main.A885</a>

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>

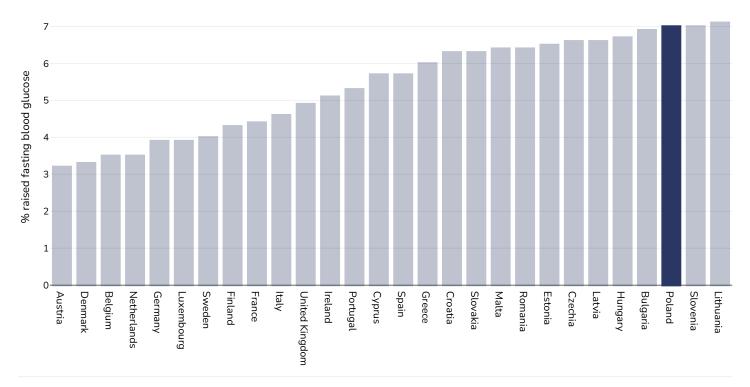
Definitions:

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



# Raised fasting blood glucose

#### Men, 2014



References:

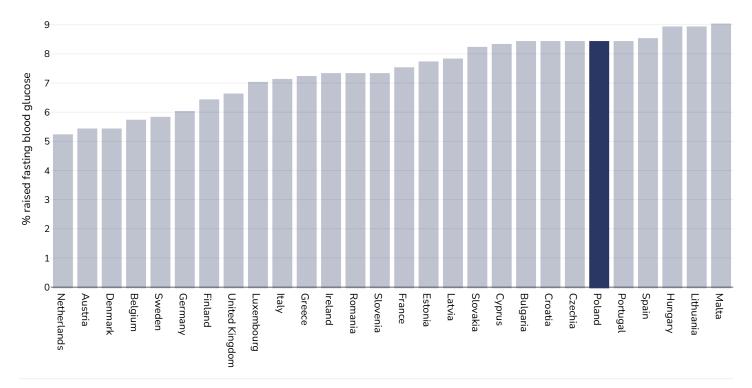
Global Health Observatory data repository, World Health Organisation,

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

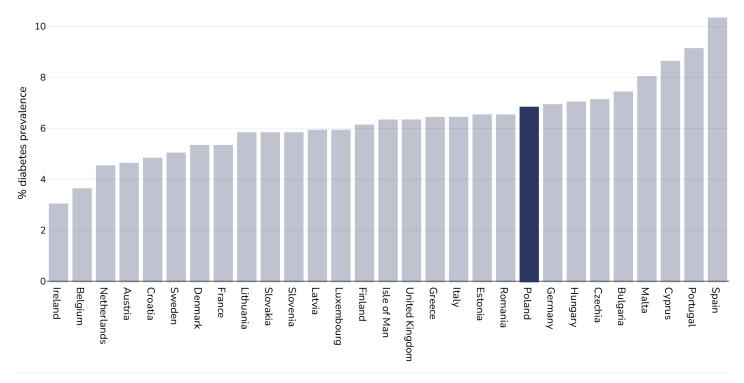
Definitions:

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



# Diabetes prevalence

#### Adults, 2021



Age: 20-79

Area National

covered:

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

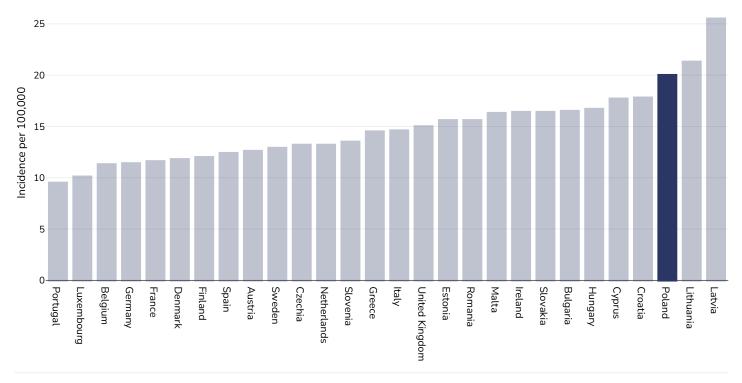
Belgium:International Diabetes Federation, 2021. http://www.diabetesatlas.org

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]



# Leukemia

Men, 2022							
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	Agency for Researc		able from:
Definitions:						Incidence pe	r 100,000
Unle	ss otherwise note	ed, overweight refe	rs to a BMI between	25kg and 29.9kg/n	n², obesity refers to	a BMI greater than	n 30kg/m².

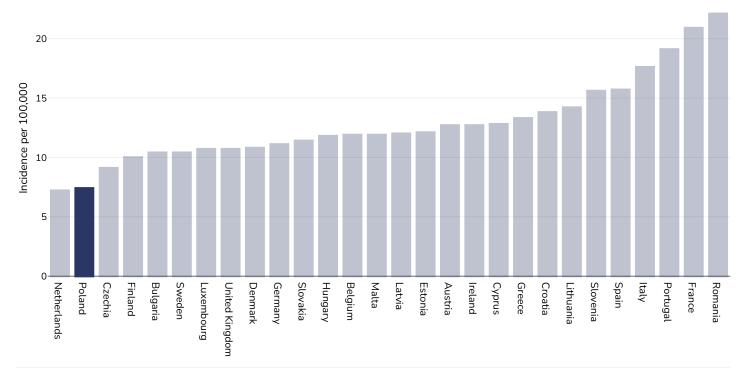


Women	, 2022						
4							
3							
2							
1							
0							
<sup>-1</sup> 1	0	1	2	3	4	5	6
Age:							20+
Area covered:							National
References:				rance: International	Znaor A, Soerjomat Agency for Researc tps://gco.iarc.who.in	h on Cancer. Availa	able from:
Definitions:						Incidence per	r 100,000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



# Liver and intrahepatic bile duct Cancer

#### Men, 2022



Age: 20+

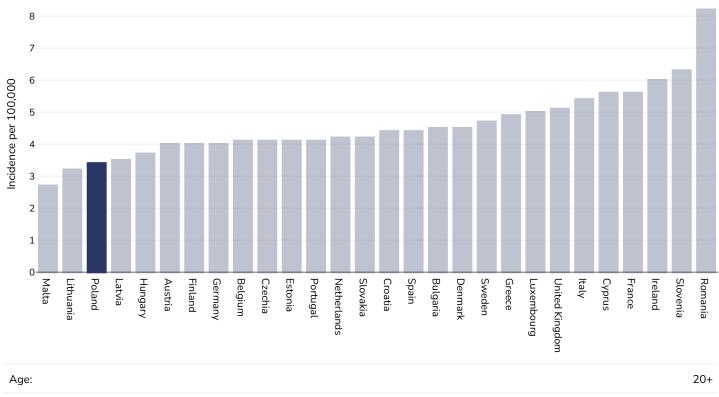
Area National covered:

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]





Area National

covered:

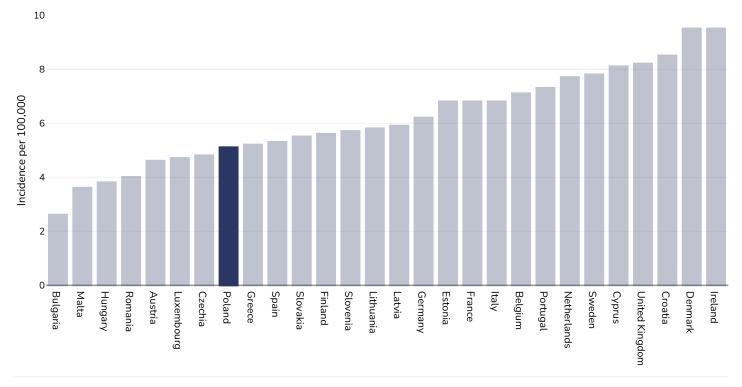
References: Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024).Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

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



### Multiple Myeloma

#### Men, 2022



Age: 20+

Area National covered:

References:

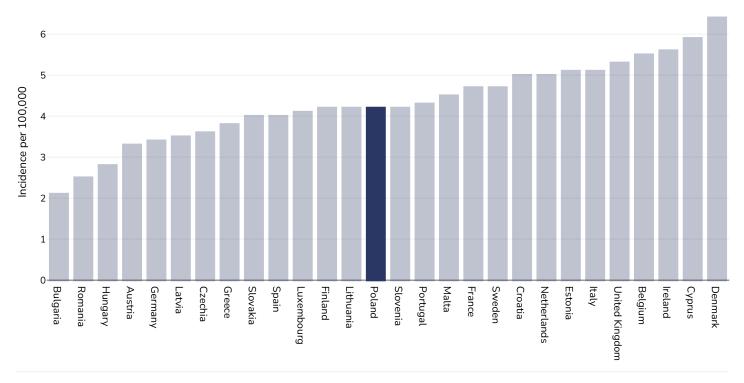
Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

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]

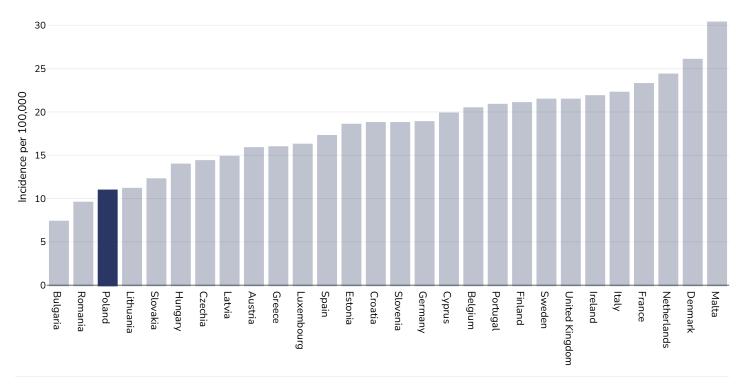
Definitions: Indicence per 100,000

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



### Non Hodgkin Lymphoma

#### Men, 2022



Age: 20+

Area National covered:

References:

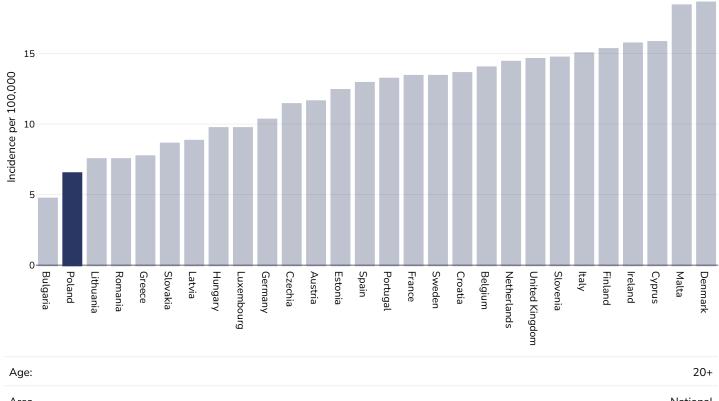
Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from:

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]

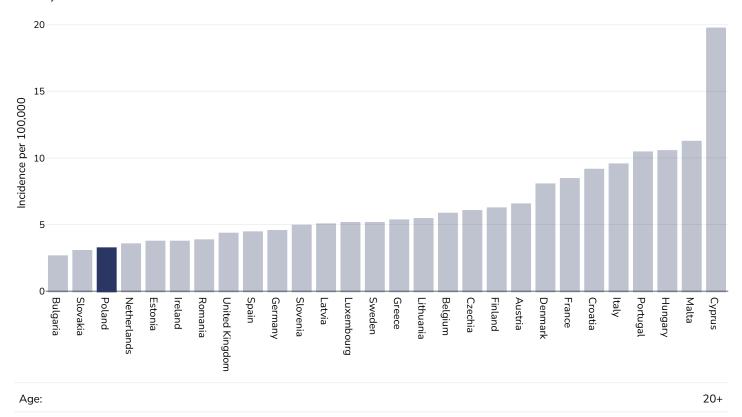
Definitions: Incidence per 100,000

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



### **Thyroid Cancer**

#### Men, 2022



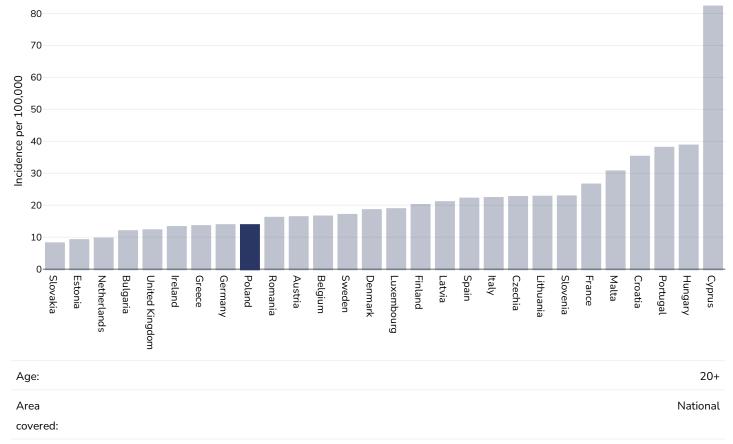
Area National

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]





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]



### **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?	<b>~</b>
Tax on unhealthy foods?	X
Tax on unhealthy drinks?	<b>~</b>
Are there fiscal policies on healthy products?	×
Subsidy on fruits?	X
Subsidy on vegetables?	×
Subsidy on other healthy products?	X
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?	×
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?	<b>~</b>
Are there mandatory standards for food in schools?	<b>~</b>
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?	^
National childhood obesity strategy?	X
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?	×
Guidelines/policy on obesity treatment?	X
Promotion of breastfeeding?	<b>~</b>
Monitoring and surveillance	
Monitoring of the prevalence and incidence for the main obesity-related NCDs and risk factors?	<b>~</b>
Within 5 years?	<b>~</b>
Governance and resource	
Multi-sectoral national co-ordination mechanism for obesity or nutrition (including obesity)?	×
Key	
Present Present Incoming Absent Unknown	
(voluntary)	

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