

Australia



Country report card - adults

This report card contains the latest data available on the Global Obesity Observatory on overweight and obesity for adults. Where available, data on common and relevant obesity drivers and comorbidities are also presented.

View the latest version of this report on the Global Obesity Observatory at https://data.worldobesity.org/country/australia-10/



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Obesity prevalence

Adults, 2022-2023

Obesity Overweight



were imputed using a range of information including their self-reported height and weight



% Adults living with obesity in Australia 2007-2022



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



Women





% Adults living with overweight or obesity in Australia 2007-2022

Men

Survey type:

Overweight or obesity



Measured

References: 2007: Australian Bureau of Statistics (ABS). National Health Survey: Summary of results. Canberra, Australia, ABS, 2009. WHO Global InfoBase reference:102910

2011: Australian Institute of Health and Welfare 2015. Cardiovascular disease, diabetes and chronic kidney diseaseÃ?â??Australian facts: Risk factors. Cardiovascular, diabetes and chronic kidney disease series no. 4. Cat. no. CDK 4. Canberra: AIHW. ABS 2013a.

Australian Health Survey: biomedical results for chronic diseases, 2011–12. ABS. cat. no. 4364.0.55.005. Canberra: ABS. Australian

Health Survey 2011-12. http://www.aihw.gov.au/publication-detail/?id=60129550538

2014: Australian National Health Survey, 2014-15 First Results. Australian Bureau of Statistics.

http://www.abs.gov.au/ausstats/abs@.nsf/Latestproducts/4364.0.55.001Appendix22014-

15?opendocument&tabname=Notes&prodno=4364.0.55.001&issue=2014-15&num=&view= (last accessed 27th September 2017)

2017: Australian National Health Survey 2017-18 (provisional results).

http://abs.gov.au/ausstats/abs@.nsf/Lookup/by%20Subject/4364.0.55.001~2017-

<u>18~Main%20Features~About%20the%20National%20Health%20Survey~5</u> (accessed 12.12.18)

2022: Australian National Health Survey 2022-2023. https://www.abs.gov.au/statistics/health/health-conditions-and-risks/waist-

circumference-and-bmi/2022#body-mass-index-bmi- (Accessed 03.01.2024)

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





% Adults living with obesity in selected countries in the Asia/Oceania Region 1975-2019, selected countries



Men



References: 1976, 1981, 1986: Yoshiike N, Seino F, Tajima S, Arai Y, Kawano M, Furuhata T, Inoue S. Twenty-year changes in the prevalence of overweight in Japanese adults: The National Nutrition Survey 1976-95. Obesity Reviews 2002;3:183-190

> 1993, 2005, 2013: Chang HC, Yang HC, Chang HY, et al. Morbid obesity in Taiwan: Prevalence, trends, associated social demographics, and lifestyle factors. PLoS One. 2017;12(2):e0169577. Published 2017 Feb 2. doi:10.1371/journal.pone.0169577

> 1995, 1996: Martorell R, Khan LK, Hughes ML, Grummer Strawn LM. Obesity in women from developing countries. EJCN (2000) 54;247-252

1998: Colaguir S, Colagiuri R, Na'ati S, Muimuiheata S, Hussain Z and Palau T. (2002). The prevalence of diabetes in the Kingdom of Tonga. Diabetes care, 25: 1378 - 1383.

2000: Asia Pacific Cohort Studies Collaboration. The burden of overweight and obesity in the Asia-Pacific region. Obesity Reviews 2007;8:191-196.

2001: SCN (2004). 5th Report on the World Nutrition Situation. Nutrition for Improved Development Outcomes. Appendix 11 2002: Report of the 2002 China National Nutrition and Health Survey. 2004. (In Chinese). Chinese Ministry of Public Health (CMPH).

2003: http://www.fnri.dost.gov.ph/files/fnri%20files/nns/factsandfigures2003/anthropometric.pdf (last accessed June 14th 2011) 2004: Tonga STEPS Survey 2004

2006: Gerritsen S, Stefanogiannis N, Galloway Y, Devlin M, Templaton R and Yeh L. A portrait of health: key results of the 2006/07 New Zealand Health Survey.

2007: Australian Bureau of Statistics (ABS). National Health Survey: Summary of results. Canberra, Australia, ABS, 2009. WHO Global InfoBase reference:102910

2008: Food and Nutrition Research Institute-Department of Science and Technology (FNRI-DOST). 2010. Philippine Nutrition Facts and Figures 2008. DOST Complex, FNRI Bldg., Bicutan, Taguig City, Metro Manila, Philippines.

2009: Yan, S., Li, J., Li, S., Zhang, B., Du, S., Gordon-Larsen, P., Adair, L. and Popkin, B. (2012), The expanding burden of cardiometabolic risk in China: the China Health and Nutrition Survey. Obesity Reviews. doi: 10.1111/j.1467-789X.2012.01016.x

2011: National Institute of Population Research and Training - NIPORT/Bangladesh, Mitra and Associates/Bangladesh, and ICF International. 2013. Bangladesh Demographic and Health Survey 2011. Dhaka, Bangladesh: NIPORT, Mitra and Associates, and ICF International.

2012: New Zealand Health Survey. <u>https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey</u> (last accessed 14.07.20)

2014: National Institute of Population Research and Training - NIPORT/Bangladesh, Mitra and Associates, and ICF International. 2016. Bangladesh Demographic and Health Survey 2014. Dhaka, Bangladesh: NIPORT, Mitra and Associates, and ICF International.. <u>http://www.dhsprogram.com/publications/publication-FR311-DHS-Final-Reports.cfm</u> (last accessed 11th April 2016)

2015: Institute for Public Health (IPH) 2015. National Health and Morbidity Survey 2015 (NHMS 2015). Vol. II: Non-Communicable Diseases, Risk Factors & Other Health Problems; 2015.

2016: Ministry of Health - MOH/Nepal, New ERA/Nepal, and ICF. 2017. Nepal Demographic and Health Survey 2016. Kathmandu, Nepal: MOH/Nepal, New ERA/Nepal, and ICF.





Women



References: 1976, 1981, 1986: Yoshiike N, Seino F, Tajima S, Arai Y, Kawano M, Furuhata T, Inoue S. Twenty-year changes in the prevalence of overweight in Japanese adults: The National Nutrition Survey 1976-95. Obesity Reviews 2002;3:183-190

1993, 2005, 2013: Chang HC, Yang HC, Chang HY, et al. Morbid obesity in Taiwan: Prevalence, trends, associated social demographics, and lifestyle factors. PLoS One. 2017;12(2):e0169577. Published 2017 Feb 2. doi:10.1371/journal.pone.0169577

1995, 1996: Martorell R, Khan LK, Hughes ML, Grummer Strawn LM. Obesity in women from developing countries. EJCN (2000) 54;247-252

1998: Colaguir S, Colagiuri R, Na'ati S, Muimuiheata S, Hussain Z and Palau T. (2002). The prevalence of diabetes in the Kingdom of Tonga. Diabetes care, 25: 1378 - 1383.

2000: Asia Pacific Cohort Studies Collaboration. The burden of overweight and obesity in the Asia-Pacific region. Obesity Reviews 2007;8:191-196.

2001: SCN (2004). 5th Report on the World Nutrition Situation. Nutrition for Improved Development Outcomes. Appendix 11 2002: Report of the 2002 China National Nutrition and Health Survey. 2004. (In Chinese). Chinese Ministry of Public Health (CMPH).

2003: http://www.fnri.dost.gov.ph/files/fnri%20files/nns/factsandfigures2003/anthropometric.pdf (last accessed June 14th 2011) 2004: Tonga STEPS Survey 2004

2006: Gerritsen S, Stefanogiannis N, Galloway Y, Devlin M, Templaton R and Yeh L. A portrait of health: key results of the 2006/07 New Zealand Health Survey.

2007: Australian Bureau of Statistics (ABS). National Health Survey: Summary of results. Canberra, Australia, ABS, 2009. WHO Global InfoBase reference:102910

2008: Food and Nutrition Research Institute-Department of Science and Technology (FNRI-DOST). 2010. Philippine Nutrition Facts and Figures 2008. DOST Complex, FNRI Bldg., Bicutan, Taguig City, Metro Manila, Philippines.

2009: Yan, S., Li, J., Li, S., Zhang, B., Du, S., Gordon-Larsen, P., Adair, L. and Popkin, B. (2012), The expanding burden of cardiometabolic risk in China: the China Health and Nutrition Survey. Obesity Reviews. doi: 10.1111/j.1467-789X.2012.01016.x

2011: National Institute of Population Research and Training - NIPORT/Bangladesh, Mitra and Associates/Bangladesh, and ICF International. 2013. Bangladesh Demographic and Health Survey 2011. Dhaka, Bangladesh: NIPORT, Mitra and Associates, and ICF International.

2012: New Zealand Health Survey. <u>https://www.health.govt.nz/publication/annual-update-key-results-2018-19-new-zealand-health-survey</u> (last accessed 14.07.20)

2014: National Institute of Population Research and Training - NIPORT/Bangladesh, Mitra and Associates, and ICF International. 2016. Bangladesh Demographic and Health Survey 2014. Dhaka, Bangladesh: NIPORT, Mitra and Associates, and ICF International.. <u>http://www.dhsprogram.com/publications/publication-FR311-DHS-Final-Reports.cfm</u> (last accessed 11th April 2016)

2015: Institute for Public Health (IPH) 2015. National Health and Morbidity Survey 2015 (NHMS 2015). Vol. II: Non-Communicable Diseases, Risk Factors & Other Health Problems; 2015.

2016: Ministry of Health - MOH/Nepal, New ERA/Nepal, and ICF. 2017. Nepal Demographic and Health Survey 2016. Kathmandu, Nepal: MOH/Nepal, New ERA/Nepal, and ICF.





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



Men





1975: Monteiro CA, Conde WL, Popking BM. Is obesity replacing or adding to undernutrition? Evidence from different social classes in Brazil. 2002. Public Health Nutrition:51(1A), 105-112

1981, 1986: Yoshiike N, Seino F, Tajima S, Arai Y, Kawano M, Furuhata T, Inoue S. Twenty-year changes in the prevalence of overweight in Japanese adults: The National Nutrition Survey 1976-95. Obesity Reviews 2002;3:183-190

1982, 1993: Rodriguez-Ojea A, Jimenez S, Berdasco A, Esquivel M. The nutrition transition in Cuba in the nineties:an overview. Public health Nutrition 2002:5(1A), 129-133

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: 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 online published ahead of print.

1992: Uauy R, Albal C, Kain J. Obesity Trends in Latin America: Transiting from Under-to Overweight. Journal of Nutrition 2001;131:S893-S899

1995: Health Survey for England 1995.

1996: Health Survey for England 1996.

1997: Filozof C, Gonzales C, Sereday M, Mazza C, Braguinsky J. Obesity prevalence and trends in Latin American countries. Obesity Reviews, 2001;2:99-196

1998: Scottish Health Survey 1998

1999: Health Survey for England 1999.

2000: Ogden CL, Carroll MD, Curtin LR, McDowell MA, Tabak CJ, Flegal KM. Prevalence of Overweight and Obesity in the United States,

1999-2004. JAMA 2006;295(13):1549-1555

2001: Health Survey for England 2001.

2002: Monteiro CA, Conde WL and Popkin BA. (2007). Income-specific trends in obesity in Brazil: 1975 - 2003. American Journal of Public Health, 97 (10): 1808 - 1812.

2003: 2003 ENS Report. Final results on the National Health Survey. <u>Http://epi.minsal.cl/epi/html/invest/ENS/informeFinalENS.pdf.</u>

2004: Health Survey for England 2004.

2005: Health Survey for England 2005.

2006: Health Survey for England 2006.

2007: Peltonen M, Harald K, Männistö S, Saarikoski L, Lund L, Sundvall J, Juolevi A, Laatikainen T, Aldén-Nieminen H, Luoto R, Jousilahti P, Salomaa V, Taimi M, Vartiainen E. Kansallinen FINRISKI 2007 –terveystutkimus, Tutkimuksen toteutus ja tulokset: Taulukkoliite.

Kansanterveyslaitos. Yliopistopaino, Helsinki 2008.

2008: Health Survey for England 2008.

2009: NHANES Survey - Published in Flegal KM, Carrolll MD, Kit BK, Ogden CL. Prevalence of Obesity and Trends in the Distribution of





Women





1975: Monteiro CA, Conde WL, Popking BM. Is obesity replacing or adding to undernutrition? Evidence from different social classes in Brazil. 2002. Public Health Nutrition:51(1A), 105-112

1981, 1986: Yoshiike N, Seino F, Tajima S, Arai Y, Kawano M, Furuhata T, Inoue S. Twenty-year changes in the prevalence of overweight in Japanese adults: The National Nutrition Survey 1976-95. Obesity Reviews 2002;3:183-190

1982, 1993: Rodriguez-Ojea A, Jimenez S, Berdasco A, Esquivel M. The nutrition transition in Cuba in the nineties:an overview. Public health Nutrition 2002:5(1A), 129-133

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: 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 online published ahead of print.

1992: Uauy R, Albal C, Kain J. Obesity Trends in Latin America: Transiting from Under-to Overweight. Journal of Nutrition 2001;131:S893-S899

1995: Health Survey for England 1995.

1996: Health Survey for England 1996.

1997: Filozof C, Gonzales C, Sereday M, Mazza C, Braguinsky J. Obesity prevalence and trends in Latin American countries. Obesity Reviews, 2001;2:99-196

Reviews, 2001,2.33-130

1998: Scottish Health Survey 1998

1999: Health Survey for England 1999.

2000: Ogden CL, Carroll MD, Curtin LR, McDowell MA, Tabak CJ, Flegal KM. Prevalence of Overweight and Obesity in the United States, 1999-2004. JAMA 2006;295(13):1549-1555

2001: Health Survey for England 2001.

2002: Monteiro CA, Conde WL and Popkin BA. (2007). Income-specific trends in obesity in Brazil: 1975 - 2003. American Journal of Public Health, 97 (10): 1808 - 1812.

2003: 2003 ENS Report. Final results on the National Health Survey. <u>Http://epi.minsal.cl/epi/html/invest/ENS/informeFinalENS.pdf.</u>

2004: Health Survey for England 2004.

2005: Health Survey for England 2005.

2006: Health Survey for England 2006.

2007: Peltonen M, Harald K, Männistö S, Saarikoski L, Lund L, Sundvall J, Juolevi A, Laatikainen T, Aldén-Nieminen H, Luoto R, Jousilahti P, Salomaa V, Taimi M, Vartiainen E. Kansallinen FINRISKI 2007 –terveystutkimus, Tutkimuksen toteutus ja tulokset: Taulukkoliite.

Kansanterveyslaitos. Yliopistopaino, Helsinki 2008.

2008: Health Survey for England 2008.

2009: NHANES Survey - Published in Flegal KM, Carrolll MD, Kit BK, Ogden CL. Prevalence of Obesity and Trends in the Distribution of





Overweight/obesity by education

Adults, 2022-2023

Overweight or obesity



Survey type:	Measured
Age:	18+
Sample size:	~12846
Area covered:	National
References:	Australian National Health Survey 2022-2023. <u>https://www.abs.gov.au/statistics/health/health-conditions-and-risks/waist-</u> <u>circumference-and-bmi/2022#body-mass-index-bmi-</u> (Accessed 03.01.2024)

Notes: Provision of height, weight and waist measurements were voluntary. Self-reported health status, height, and weight was collected for all participants. In 2022, 41.8% of adult respondents did not have their height and/or weight measured. For these people, height and weight were imputed using a range of information including their self-reported height and weight



Overweight/obesity by age

Adults, 2022-2023

Obesity Overweight





Overweight/obesity by region

Adults, 2022-2023







Overweight/obesity by socio-economic group

Adults, 2022-2023

Overweight or obesity





Overweight/obesity by ethnicity

Ethnic groups are as defined by publication of origin and are not as defined by WOF. In some instances ethnicity is conflated with nationality and/or race.

Men, 2011

Overweight or obesity



Country of birth





Women, 2011

Overweight or obesity





Double burden of underweight & overweight





Insufficient physical activity





Men, 2022





Women, 2022





Estimated per capita fruit intake





Estimated per-capita processed meat intake





Estimated per capita whole grains intake





Mental health - depression disorders





Men, 2021





Women, 2021

7000	
,	
6000	
5000	
n	
124000	
Idoc	
000 000 000 000	
×3000	
2000	
1000	
0	
	Australia
Age:	20+
Area covered:	National
References:	Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021.
	Seattle, WA: IHME, University of Washington, 2023. Available from http://vizhub.healthdata.org/gbd-compare . (Last accessed 23.04.25)
Definitions:	Number living with depression per 100,000 population (adults 20+ years)



Mental health - anxiety disorders





Men, 2021





Women, 2021

9000	
8000	
8000	
7000	
6000	
L L	
atio	
- <u>1</u> 5000	
od	
% of population 0000 %	
8	
3000	
2000	
2000	
1000	
0	
	Australia
Age:	20+
Age.	
References:	Institute for Health Metrics and Evaluation (IHME). GBD Compare Data Visualization. Global Burden of Disease (GBD) Study 2021.
	Seattle, WA: IHME, University of Washington, 2023. Available from http://vizhub.healthdata.org/gbd-compare . (Last accessed 23.04.25).
Definitions:	Number living with anxiety per 100,000 population


Percent of population who cannot afford a healthy diet

60 50 40 % 30 20 10 0 Malaysia South Korea Australia Japan Vietnam China Mongolia Philippines Laos Fiji Area covered: National The Food Systems Dashboard. The Global Alliance for Improved Nutrition (GAIN), The Columbia Climate School, and Cornell University References: College of Agriculture and Life Sciences. 2024. Geneva, Switzerland. https://www.foodsystemsdashboard.org. DOI: https://doi.org/10.36072/db.

Adults, 2022



Oesophageal cancer









Breast cancer

Age 20 Age 20+





Colorectal cancer









Pancreatic cancer









Gallbladder cancer









Kidney cancer









Cancer of the uterus





Raised blood pressure

Adults, 2015



Definitions:

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



Men, 2015



Definitions:

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





52



Raised cholesterol

Adults, 2008



Definitions:

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

WGRLD SITY

Men, 2008



Definitions:

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







Raised fasting blood glucose









Diabetes prevalence

Adults, 2024



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Ovarian Cancer





Leukemia

Men, 2022											
4											
3											
2											
1											
0											
⁻¹ _1	0	1	2	3	4	5	6				
Age: Area covered:							20+				
References:	National 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: <u>https://gco.iarc.who.int/today</u> , accessed [16.07.24]										
Definitions:						Incidence p	er 100,000				
	Unless ot	therwise noted. overw	eight refers to a BMI l	between 25kg and 29	.9ka/m². obesitv refer	s to a BMI areater tha	n 30ka/m².				



4							
2							
3							
2							
1							
0							
⁻¹ -1	0	1	2	3	4	5	6
Age:							20+
Area covered:							National
References:					Znaor A, Soerjomatarar n Cancer. Available fror	m: <u>https://gco.iarc.wh</u> g	
Definitions:						Incidence pe	er 100,000
	Unless othe	rwise noted, overw	eight refers to a BMI	between 25kg and 2	9.9kg/m², obesity refers	s to a BMI greater tha	n 30kg/m².



Leukemia





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







Liver and intrahepatic bile duct Cancer











Multiple Myeloma

Men, 2022



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









Non Hodgkin Lymphoma

Men, 2022



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

Australia Country report card - adults







Thyroid Cancer









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