



# Thailand



## Country report card - adults

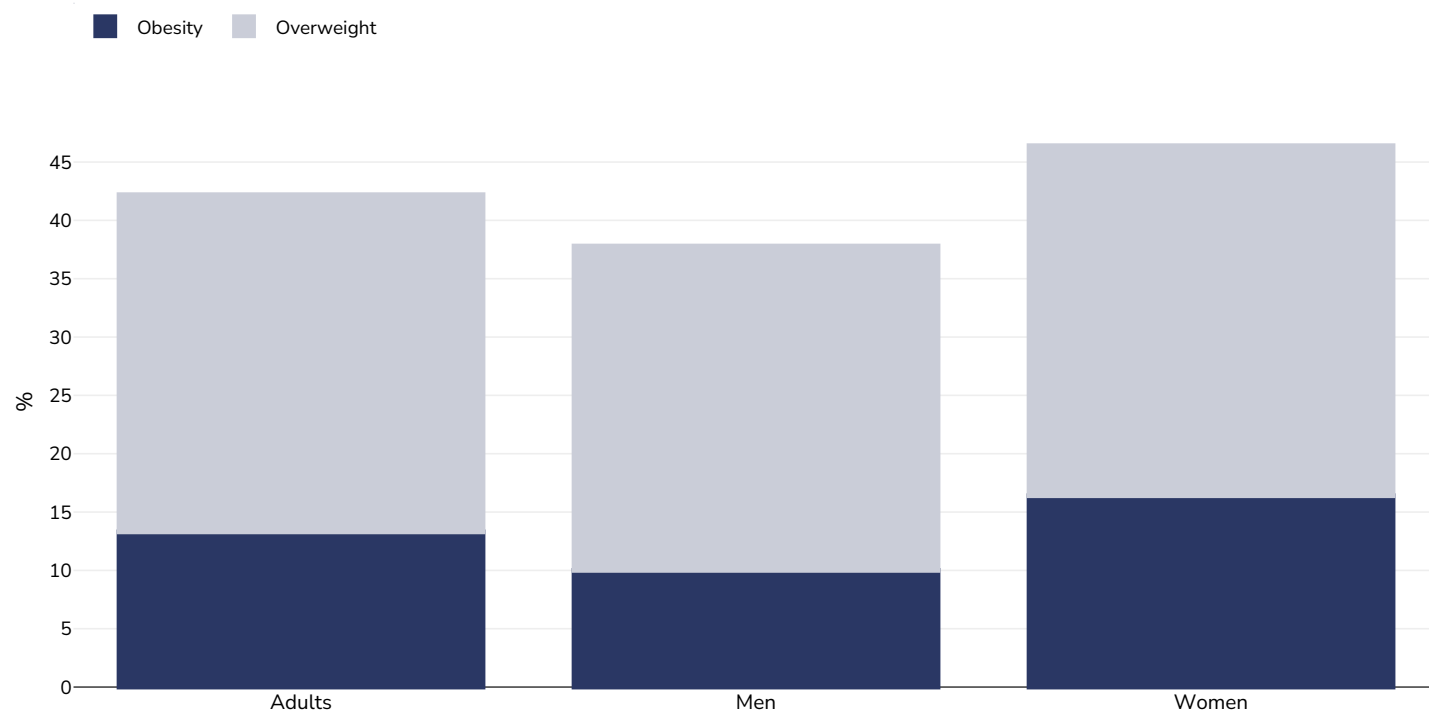
*This report card contains the latest data available on the Global Obesity Observatory on overweight and obesity for adults. Where available, data on common and relevant obesity drivers and comorbidities are also presented.*

*View the latest version of this report on the Global Obesity Observatory at <https://data.worldobesity.org/country/thailand-214/>.*

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## Obesity prevalence

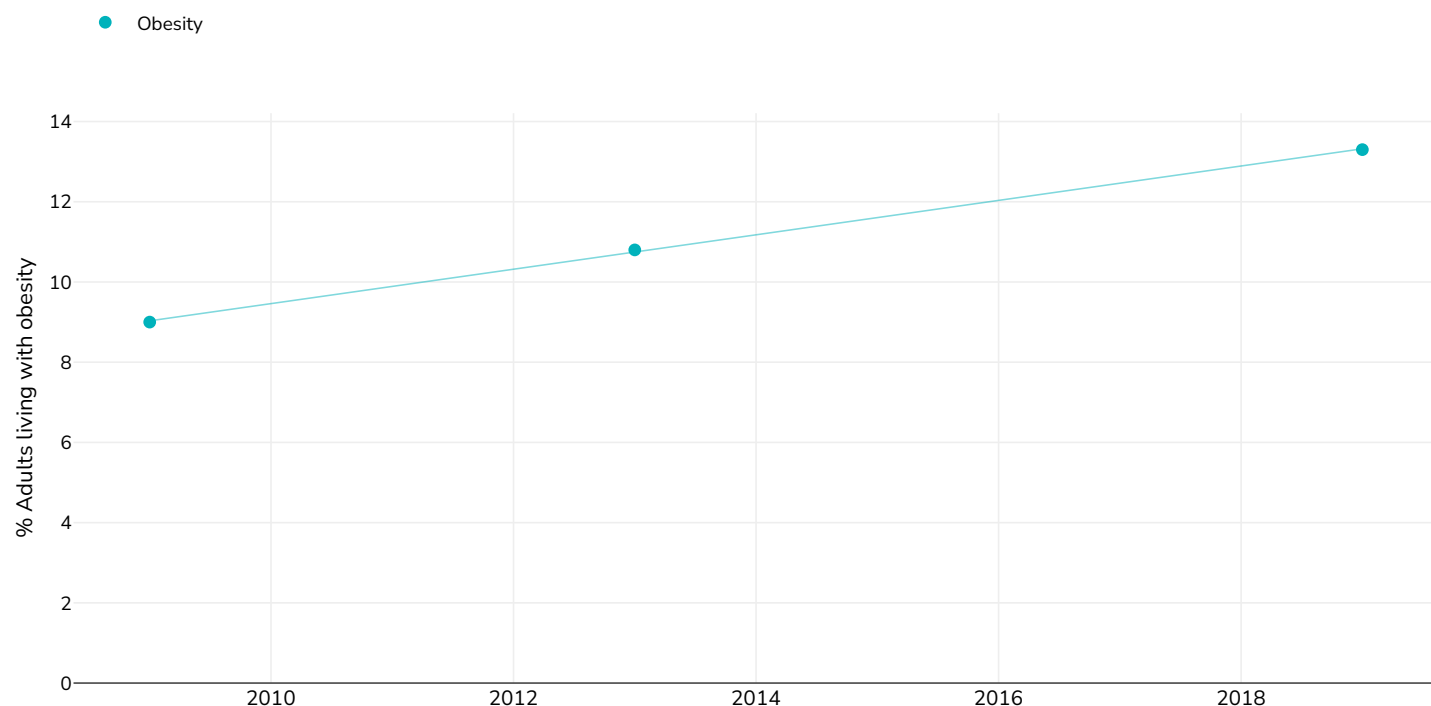
### Adults, 2019-2020



|               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Survey type:  | Measured                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Age:          | 15+                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Sample size:  | 22,459                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Area covered: | National                                                                                                                                                                                                                                                                                                                                                                                                                 |
| References:   | Aekplakorn, W., Puckcharern, H., and Satheannoppakao. (2021). The 6th National Health Examination Survey 2019-2020.                                                                                                                                                                                                                                                                                                      |
| Notes:        | 9,390 men, 13,069 women. NB. Combined adult data estimated. These estimates were calculated by weighting male and female survey results. Weighting based on World Bank Population % total female in Thailand 2020 ( <a href="https://data.worldbank.org/indicator/SP.POP.TOTL.FE.ZS?end=2020&amp;locations=TH">https://data.worldbank.org/indicator/SP.POP.TOTL.FE.ZS?end=2020&amp;locations=TH</a> - accessed 11.07.25) |
| Definitions:  | WHO standard cutoffs shown to allow comparison with non-Asian countries<br><i>Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.</i>                                                                                                                                                                                     |

## % Adults living with obesity in Thailand 1997-2019

### Men and women



Survey type:

Measured

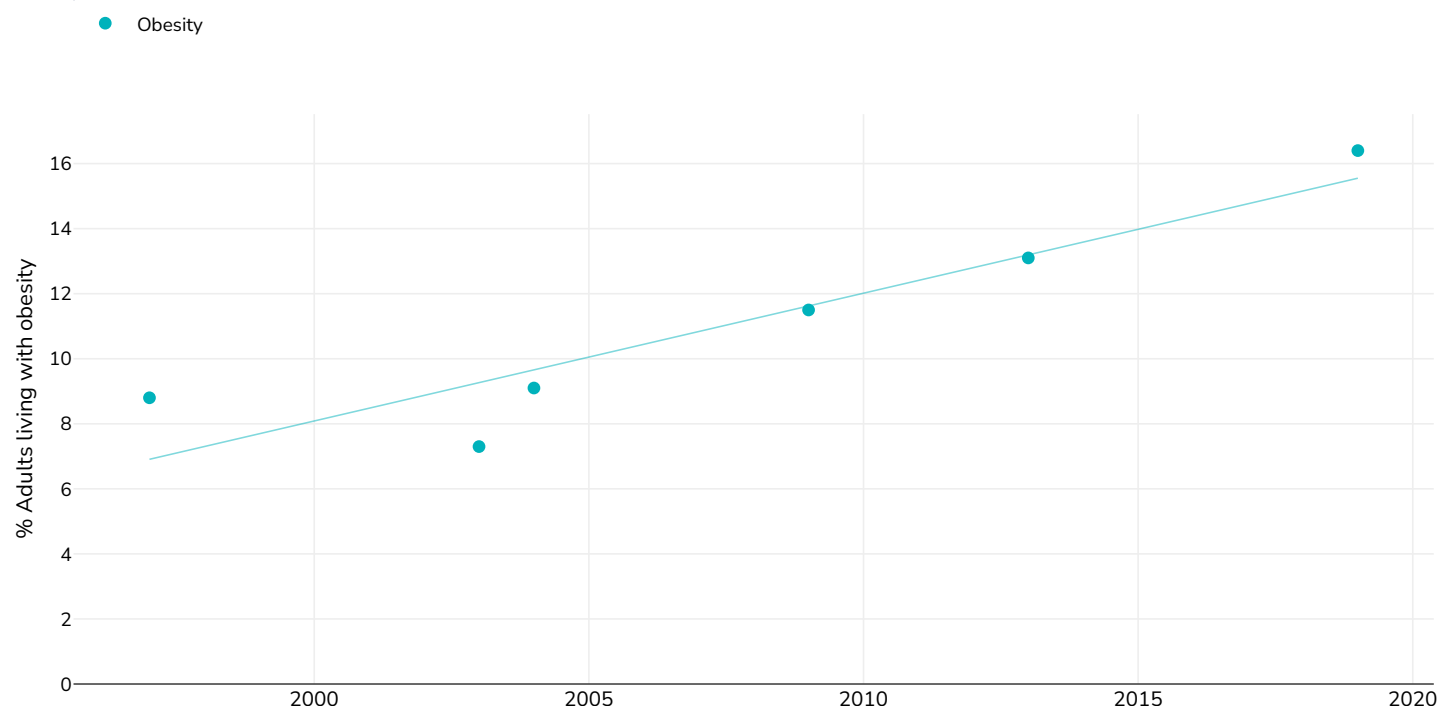
#### References:

- 1997: Aekplakorn W, Chaipayong Y, Neal B, Chariyalertsak W, Kunanusont C, Phoolcharoen W, Suriyawongpaisal P. Prevalence and Determinants of Overweight and Obesity in Thai Adults: Results of the Second National Health Examination Survey. *J Med Assoc Thai* 2004;87(6):685-93
- 2003: Jitnarin N, Kosulwat V, Rojroongwasinkul N et al. Prevalence of overweight and obesity in Thai population: Results of the National Thai Food Consumption Survey. 2011;16:e242-e249
- 2004: Aekplakorn W and Mo-Suwan L. (2009). National prevalence of obesity. *Prevalence of obesity in Thailand. Obesity Reviews*, 10: 589 - 592.
- 2009: Wichai Aekplakorn, Rungkarn Inthawong, Pattapong Kessomboon, et al., "Prevalence and Trends of Obesity and Association with Socioeconomic Status in Thai Adults: National Health Examination Surveys, 1991–2009," *Journal of Obesity*, vol. 2014, Article ID 410259, 8 pages, 2014. doi:10.1155/2014/410259
- 2013: Report of the 5th National Health Examination Survey 2014. Office of Policy and Strategy, Ministry of Public Health, Health Promotion Fund, Health Systems Research Institute (HSRI). <https://www.hiso.or.th/thaihealthstat/report/sreport.php?y=2014&l=sreport5> (Accessed 11.07.25)
- 2019: Aekplakorn, W., Puckcharern, H., and Satheannoppakao. (2021). The 6th National Health Examination Survey 2019-2020.

*Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.*

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

## Women



Survey type:

Measured

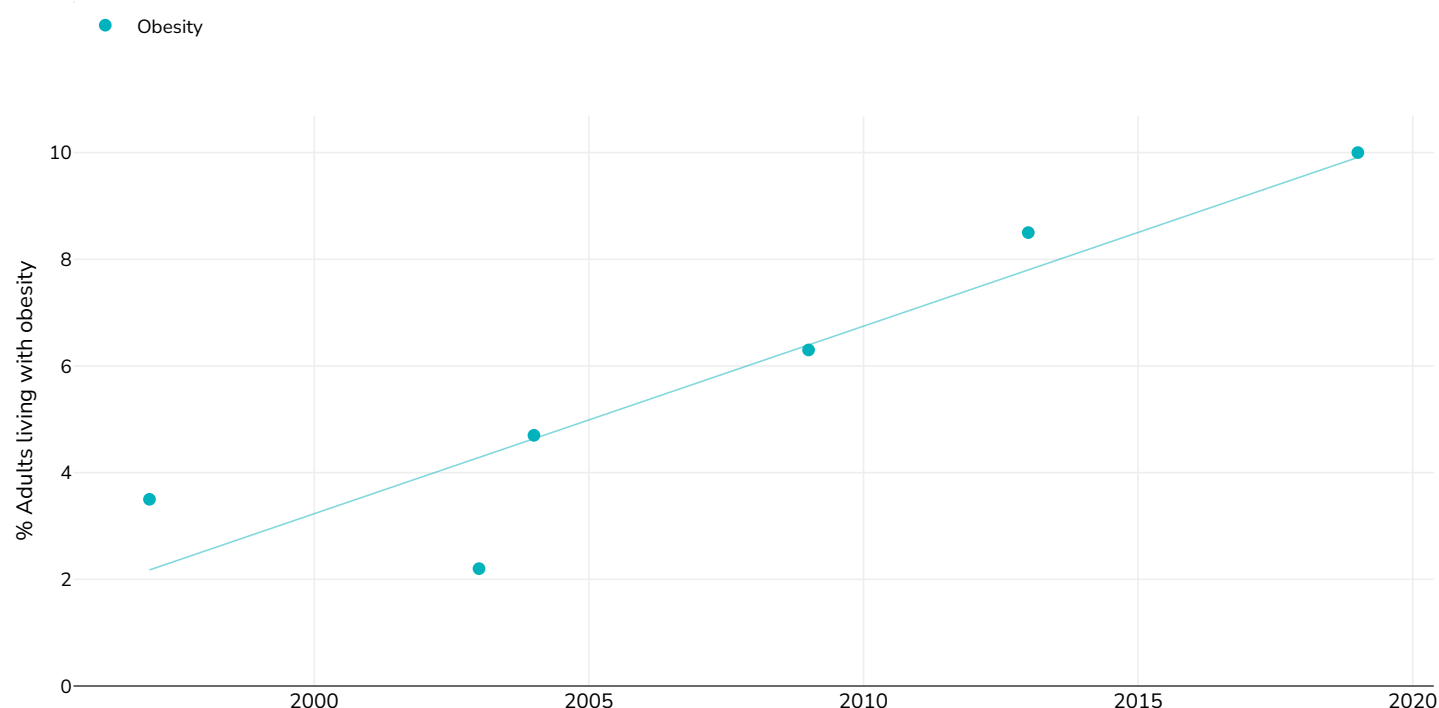
### References:

- 1997: Aekplakorn W, Chaiyapong Y, Neal B, Chariyalertsak W, Kunanusont C, Phoolcharoen W, Suriyawongpaisal P. Prevalence and Determinants of Overweight and Obesity in Thai Adults: Results of the Second National Health Examination Survey. *J Med Assoc Thai* 2004;87(6):685-93
- 2003: Jitnarin N, Kosulwat V, Rojroongwasinkul N et al. Prevalence of overweight and obesity in Thai population: Results of the National Thai Food Consumption Survey. 2011;16:e242-e249
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- 2009: Wichai Aekplakorn, Rungkarn Inthawong, Pattapong Kessomboon, et al., "Prevalence and Trends of Obesity and Association with Socioeconomic Status in Thai Adults: National Health Examination Surveys, 1991–2009," *Journal of Obesity*, vol. 2014, Article ID 410259, 8 pages, 2014. doi:10.1155/2014/410259
- 2013: Report of the 5th National Health Examination Survey 2014. Office of Policy and Strategy, Ministry of Public Health, Health Promotion Fund, Health Systems Research Institute (HSRI). <https://www.hiso.or.th/thaihealthstat/report/sreport.php?y=2014&l=sreport5> (Accessed 11.07.25)
- 2019: Aekplakorn, W., Puckcharern, H., and Satheannoppakao. (2021). The 6th National Health Examination Survey 2019-2020.

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## Men



Survey type:

Measured

### References:

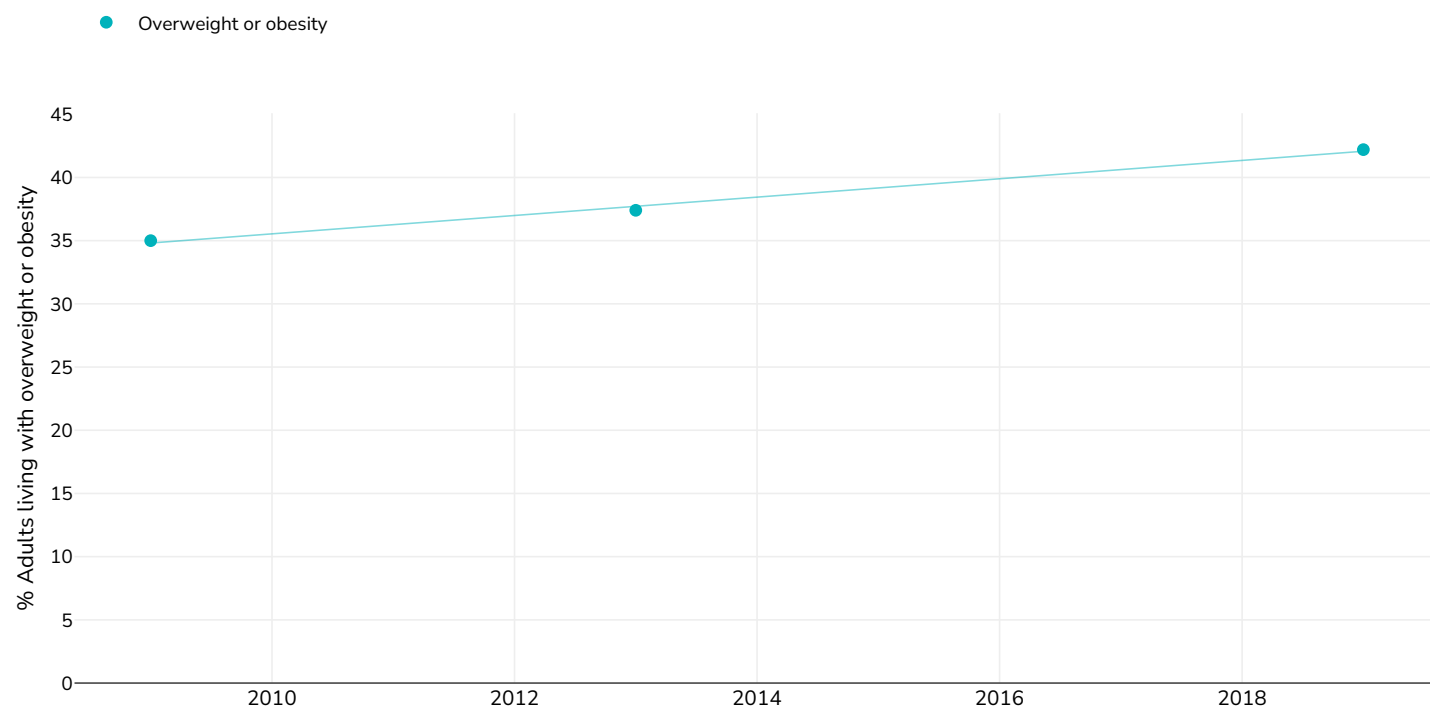
- 1997: Aekplakorn W, Chaiyapong Y, Neal B, Chariyalertsak W, Kunanusont C, Phoolcharoen W, Suriyawongpaisal P. Prevalence and Determinants of Overweight and Obesity in Thai Adults: Results of the Second National Health Examination Survey. *J Med Assoc Thai* 2004;87(6):685-93
- 2003: Jitnarin N, Kosulwat V, Rojroongwasinkul N et al. Prevalence of overweight and obesity in Thai population: Results of the National Thai Food Consumption Survey. 2011;16:e242-e249
- 2004: Aekplakorn W and Mo-Suwan L. (2009). National prevalence of obesity. *Prevalence of obesity in Thailand. Obesity Reviews*, 10: 589 - 592.
- 2009: Wichai Aekplakorn, Rungkarn Inthawong, Pattapong Kessomboon, et al., "Prevalence and Trends of Obesity and Association with Socioeconomic Status in Thai Adults: National Health Examination Surveys, 1991–2009," *Journal of Obesity*, vol. 2014, Article ID 410259, 8 pages, 2014. doi:10.1155/2014/410259
- 2013: Report of the 5th National Health Examination Survey 2014. Office of Policy and Strategy, Ministry of Public Health, Health Promotion Fund, Health Systems Research Institute (HSRI). <https://www.hiso.or.th/thaihealthstat/report/sreport.php?y=2014&l=sreport5> (Accessed 11.07.25)
- 2019: Aekplakorn, W., Puckcharern, H., and Satheannoppakao. (2021). The 6th National Health Examination Survey 2019-2020.

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

## % Adults living with overweight or obesity in Thailand 2003-2019

### Men and women



Survey type:

Measured

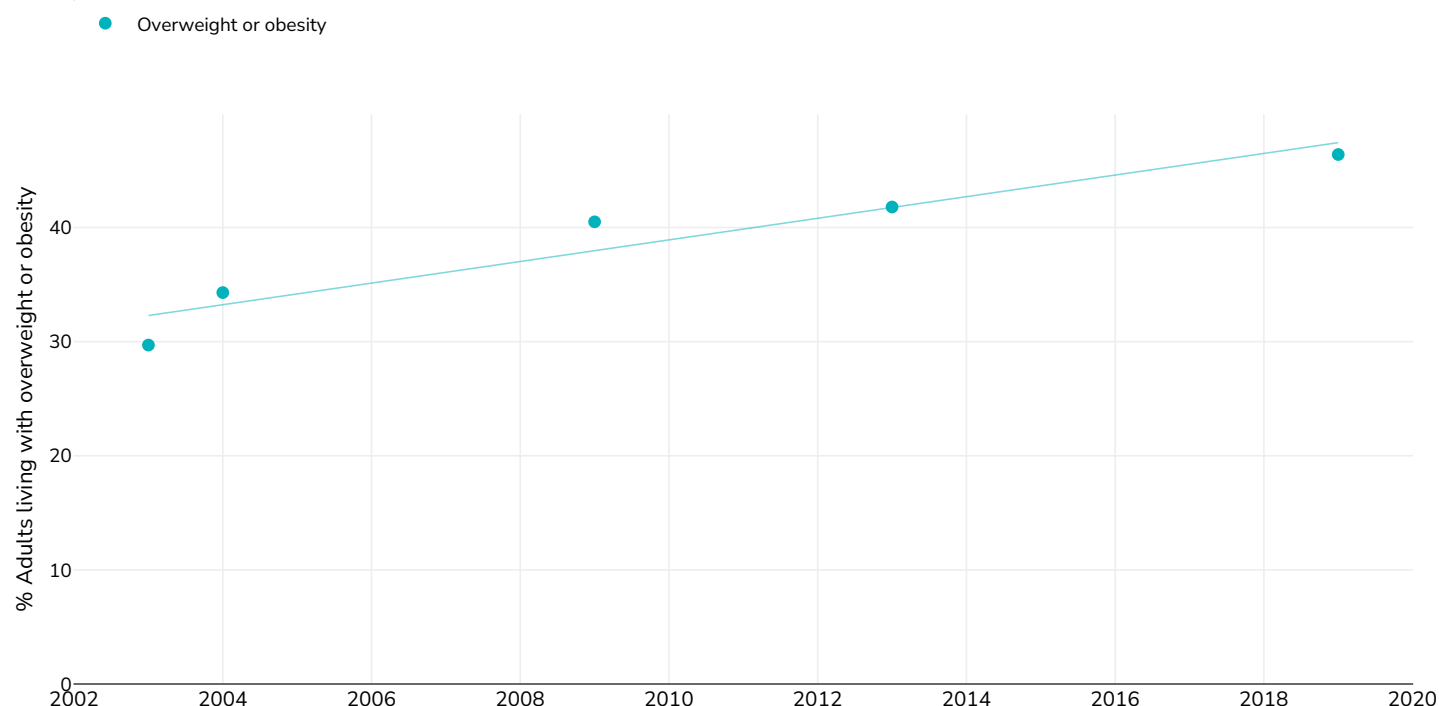
References:

- 2003: Jitnarin N, Kosulwat V, Rojroongwasinkul N et al. Prevalence of overweight and obesity in Thai population: Results of the National Thai Food Consumption Survey. 2011;16:e242-e249
- 2004: Aekplakorn W and Mo-Suwan L. (2009). National prevalence of obesity. Prevalence of obesity in Thailand. Obesity Reviews, 10: 589 - 592.
- 2009: Wichai Aekplakorn, Rungkarn Inthawong, Pattapong Kessomboon, et al., "Prevalence and Trends of Obesity and Association with Socioeconomic Status in Thai Adults: National Health Examination Surveys, 1991–2009," Journal of Obesity, vol. 2014, Article ID 410259, 8 pages, 2014. doi:10.1155/2014/410259
- 2013: Report of the 5th National Health Examination Survey 2014. Office of Policy and Strategy, Ministry of Public Health, Health Promotion Fund, Health Systems Research Institute (HSRI). <https://www.hiso.or.th/thaihealthstat/report/sreport.php?y=2014&l=sreport5> (Accessed 11.07.25)
- 2019: Aekplakorn, W., Puckcharern, H., and Satheannoppakao. (2021). The 6th National Health Examination Survey 2019-2020.

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## Women



Survey type: Measured

**References:**

2003: Jitnarin N, Kosulwat V, Rojroongwasinkul N et al. Prevalence of overweight and obesity in Thai population: Results of the National Thai Food Consumption Survey. 2011;16:e242-e249

2004: Aekplakorn W and Mo-Suwan L. (2009). National prevalence of obesity. Prevalence of obesity in Thailand. Obesity Reviews, 10: 589 - 592.

2009: Wichai Aekplakorn, Rungkarn Inthawong, Pattapong Kessomboon, et al., "Prevalence and Trends of Obesity and Association with Socioeconomic Status in Thai Adults: National Health Examination Surveys, 1991–2009," Journal of Obesity, vol. 2014, Article ID 410259, 8 pages, 2014. doi:10.1155/2014/410259

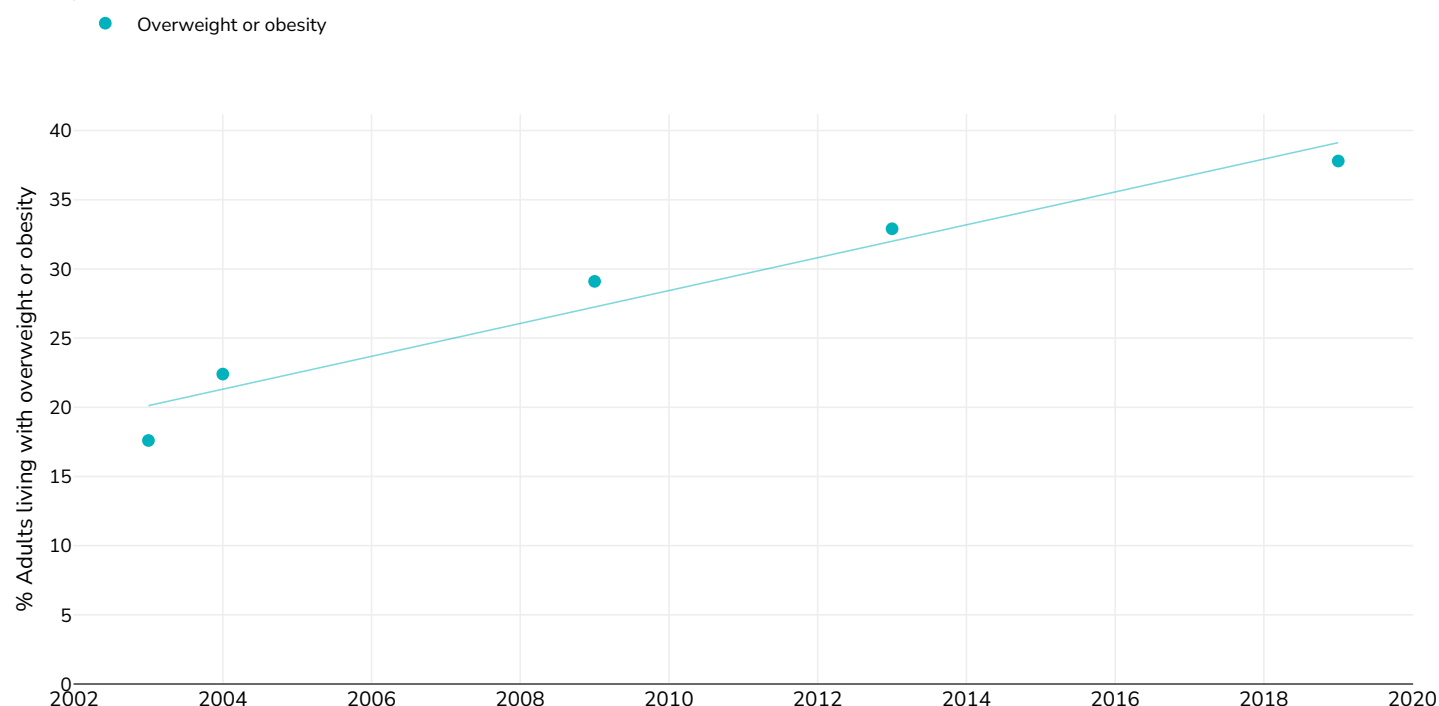
2013: Report of the 5th National Health Examination Survey 2014. Office of Policy and Strategy, Ministry of Public Health, Health Promotion Fund, Health Systems Research Institute (HSRI). <https://www.hiso.or.th/thaihealthstat/report/sreport.php?y=2014&l=sreport5> (Accessed 11.07.25)

2019: Aekplakorn, W., Puckcharern, H., and Satheannoppakao. (2021). The 6th National Health Examination Survey 2019-2020.

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

## Men



Survey type: Measured

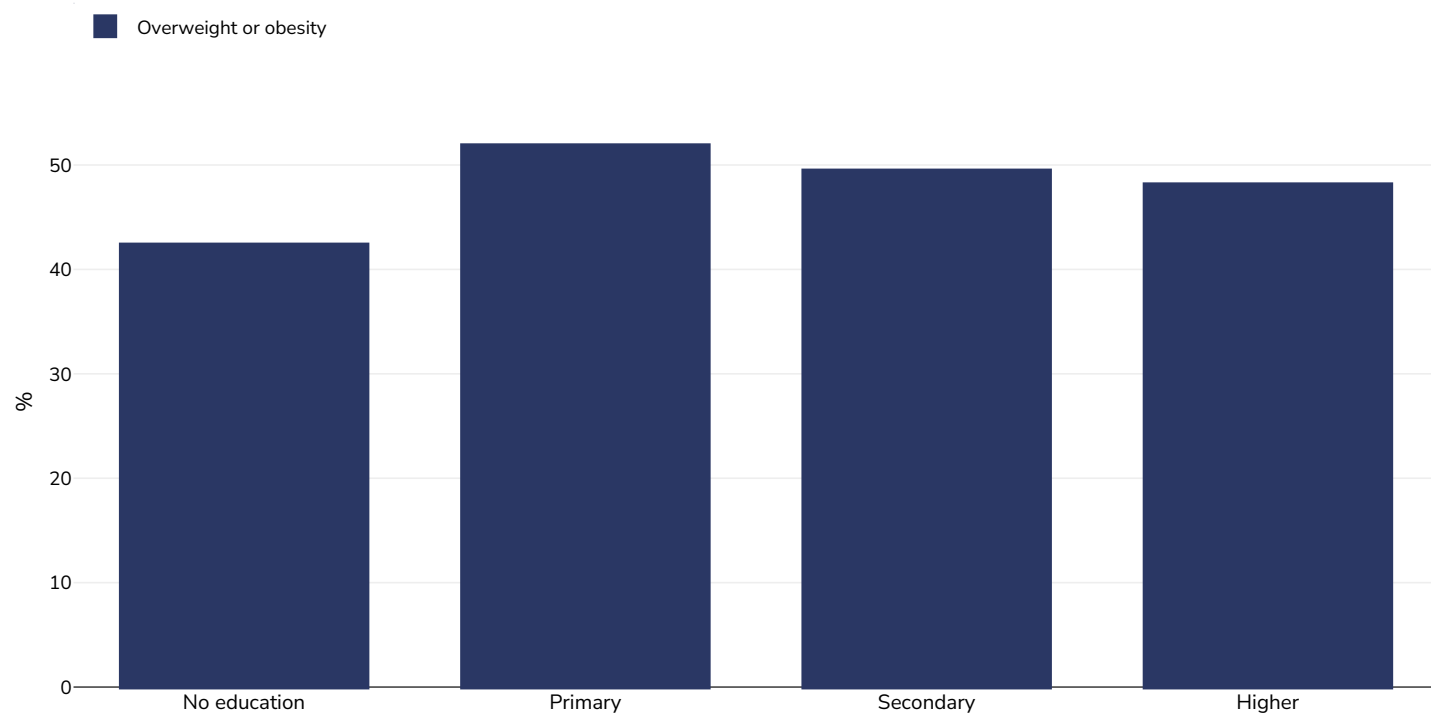
- References:**
- 2003: Jitnarin N, Kosulwat V, Rojroongwasinkul N et al. Prevalence of overweight and obesity in Thai population: Results of the National Thai Food Consumption Survey. 2011;16:e242-e249
  - 2004: Aekplakorn W and Mo-Suwan L. (2009). National prevalence of obesity. Prevalence of obesity in Thailand. Obesity Reviews, 10: 589 - 592.
  - 2009: Wichai Aekplakorn, Rungkarn Inthawong, Pattapong Kessomboon, et al., "Prevalence and Trends of Obesity and Association with Socioeconomic Status in Thai Adults: National Health Examination Surveys, 1991–2009," Journal of Obesity, vol. 2014, Article ID 410259, 8 pages, 2014. doi:10.1155/2014/410259
  - 2013: Report of the 5th National Health Examination Survey 2014. Office of Policy and Strategy, Ministry of Public Health, Health Promotion Fund, Health Systems Research Institute (HSRI). <https://www.hiso.or.th/thaihealthstat/report/sreport.php?y=2014&l=sreport5> (Accessed 11.07.25)
  - 2019: Aekplakorn, W., Puckcharern, H., and Satheannoppakao. (2021). The 6th National Health Examination Survey 2019-2020.

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

## Overweight/obesity by education

Adults, 2021



Survey type: Self-reported

Age: 15+

Sample size: 207,191

Area covered: National

References: Polathep Vichitkunakorn, Warintorn Bunyanukul, Kanarit Apiwan, Detphop Tanasanchonnakul & Monsicha Sittisombut (2025) Prevalence of non-communicable disease risk factors and their association with economic status: findings from the 2021 health behaviour of population survey in Thailand, Global Health Action, 18:1, 2485689, DOI: 10.1080/16549716.2025.2485689 [Accessed 11.07.25]

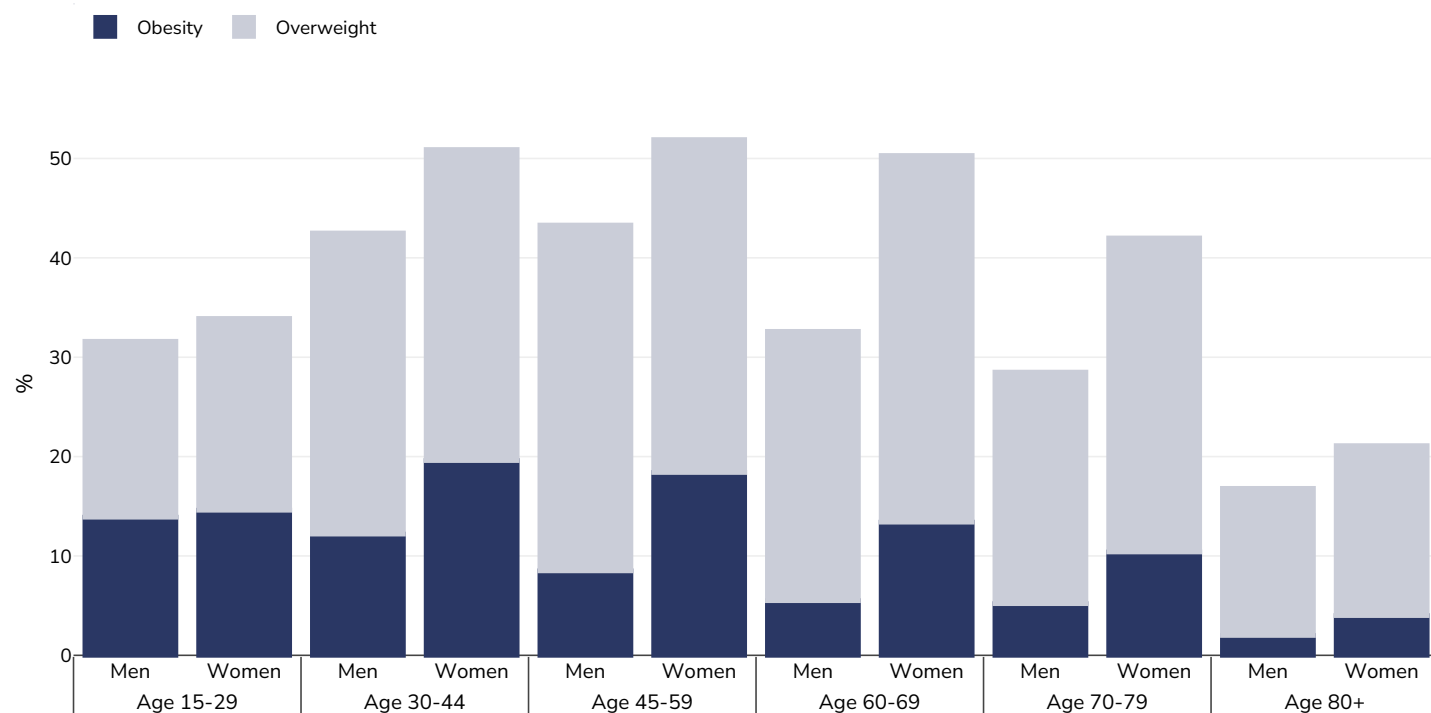
Definitions: BMI  $\geq$  23 kg/m<sup>2</sup>

Cutoffs: WHO Asia

Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.

## Overweight/obesity by age

### Adults, 2019-2020



Survey type: Measured

Sample size: 22,459

Area covered: National

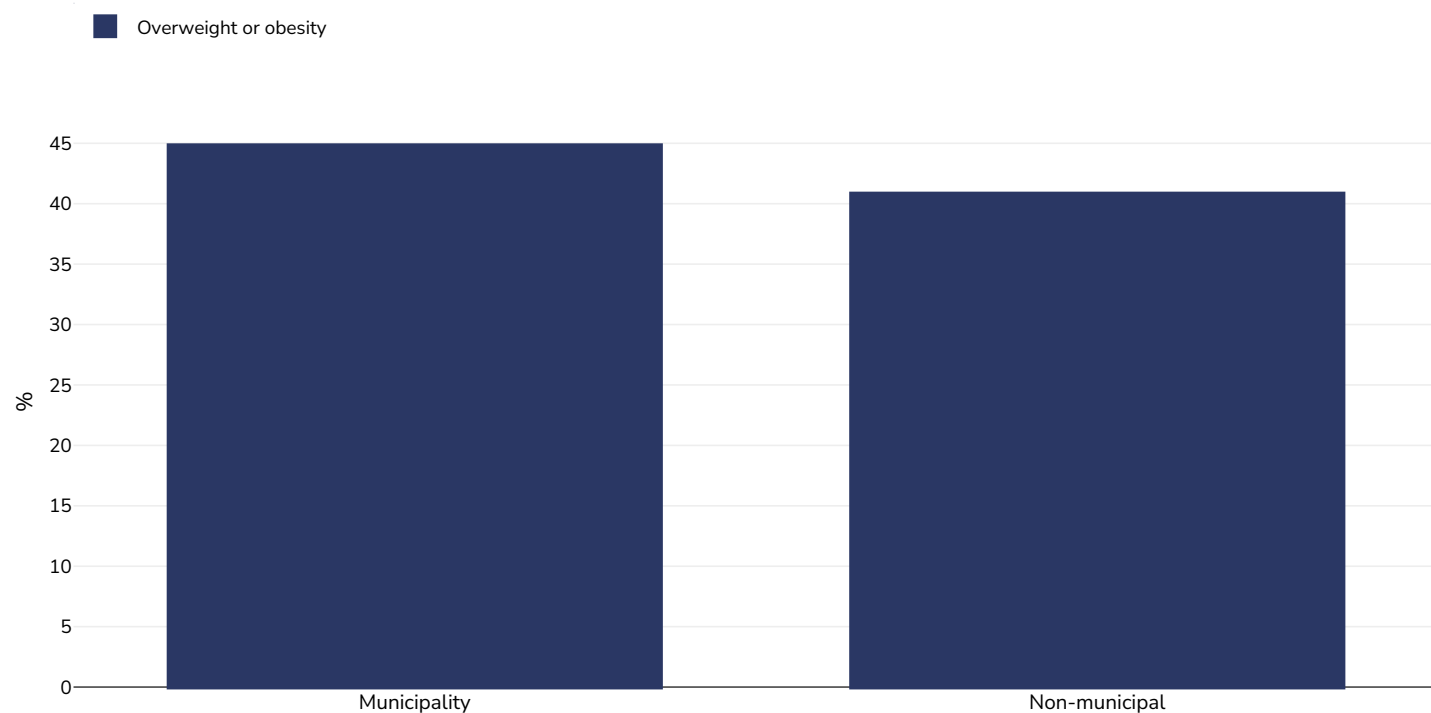
References: Aekplakorn, W., Puckcharern, H., and Satheannoppakao. (2021). The 6th National Health Examination Survey 2019-2020. <https://www.hiso.or.th/thaihealthstat/report/sreport.php?y=2019&l=sreport6> [Accessed 11.07.25]

Notes: WHO standard cutoffs shown to allow comparison with non-Asian countries, data using WHO Asia cutoffs also available

Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.

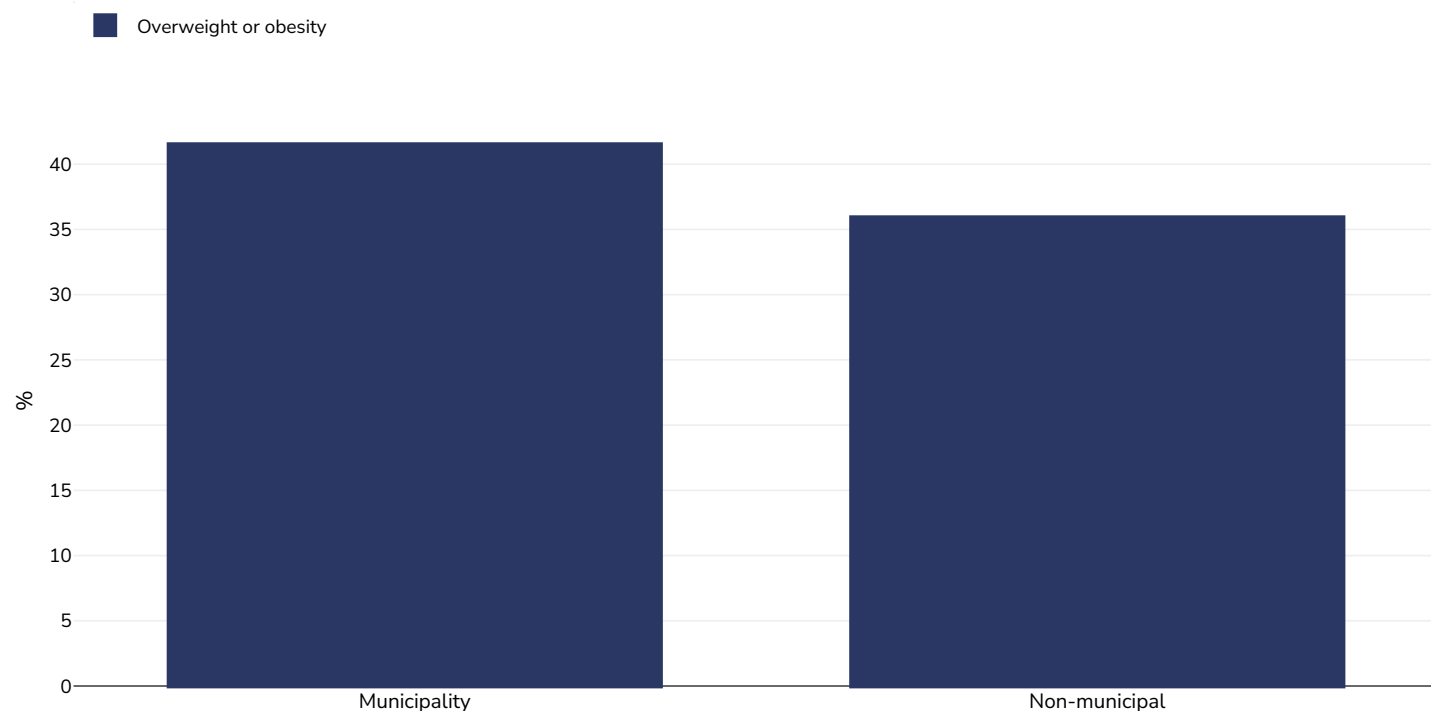
## Overweight/obesity by region

### Adults, 2019-2020



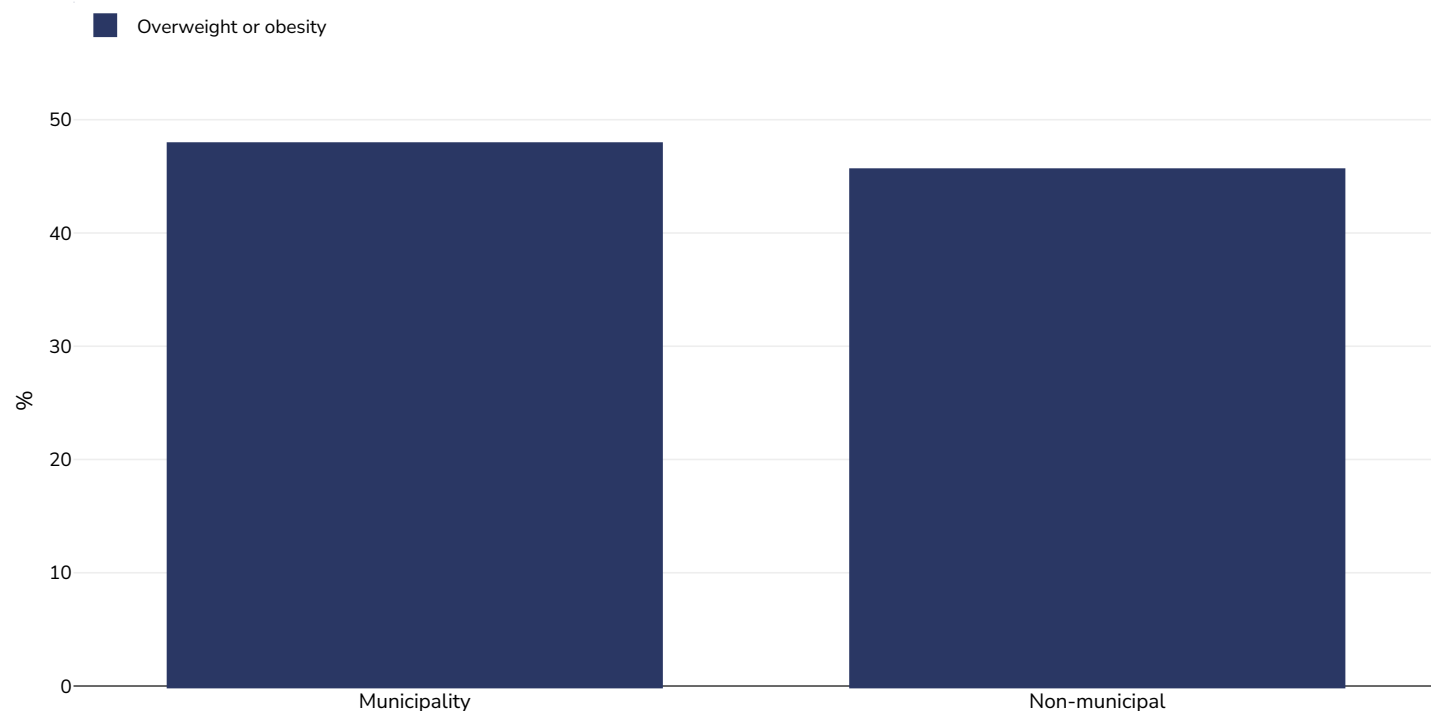
|               |                                                                                                                                                                                                                                                                                                                     |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Survey type:  | Measured                                                                                                                                                                                                                                                                                                            |
| Age:          | 15+                                                                                                                                                                                                                                                                                                                 |
| Sample size:  | 22,459                                                                                                                                                                                                                                                                                                              |
| Area covered: | National                                                                                                                                                                                                                                                                                                            |
| References:   | Aekplakorn, W., Puckcharern, H., and Satheannoppakao. (2021). The 6th National Health Examination Survey 2019-2020. <a href="https://www.hiso.or.th/thaihealthstat/report/sreport.php?y=2019&amp;l=sreport6">https://www.hiso.or.th/thaihealthstat/report/sreport.php?y=2019&amp;l=sreport6</a> [Accessed 11.07.25] |
| Notes:        | WHO standard cutoffs shown to allow comparison with non-Asian countries, data using WHO Asia cutoffs also available<br><i>Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.</i>                                    |

## Men, 2019-2020



|               |                                                                                                                                                                                                                                                                                                                     |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Survey type:  | Measured                                                                                                                                                                                                                                                                                                            |
| Age:          | 15+                                                                                                                                                                                                                                                                                                                 |
| Sample size:  | 22,459                                                                                                                                                                                                                                                                                                              |
| Area covered: | National                                                                                                                                                                                                                                                                                                            |
| References:   | Aekplakorn, W., Puckcharern, H., and Satheannoppakao. (2021). The 6th National Health Examination Survey 2019-2020. <a href="https://www.hiso.or.th/thaihealthstat/report/sreport.php?y=2019&amp;l=sreport6">https://www.hiso.or.th/thaihealthstat/report/sreport.php?y=2019&amp;l=sreport6</a> [Accessed 11.07.25] |
| Notes:        | WHO standard cutoffs shown to allow comparison with non-Asian countries, data using WHO Asia cutoffs also available<br><i>Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.</i>                                    |

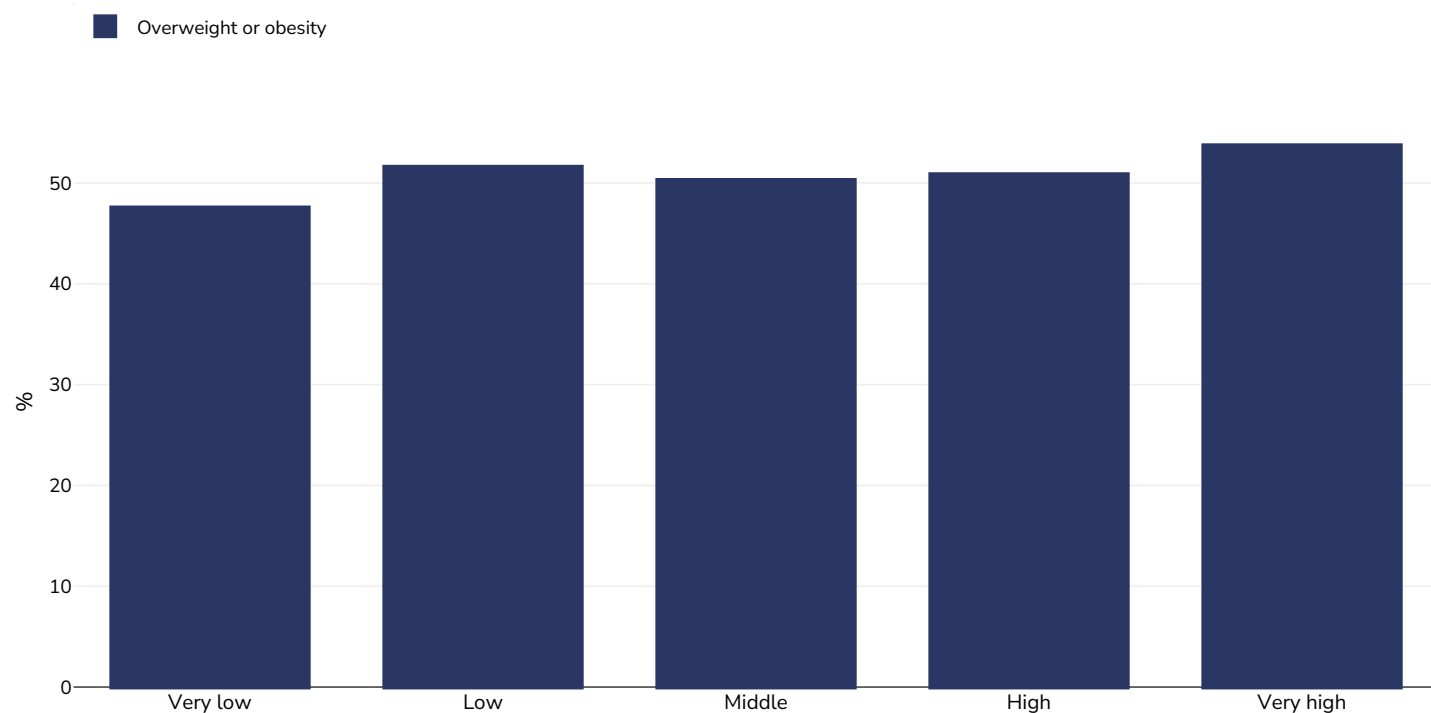
## Women, 2019-2020



|               |                                                                                                                                                                                                                                                                                                                     |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Survey type:  | Measured                                                                                                                                                                                                                                                                                                            |
| Age:          | 15+                                                                                                                                                                                                                                                                                                                 |
| Sample size:  | 22,459                                                                                                                                                                                                                                                                                                              |
| Area covered: | National                                                                                                                                                                                                                                                                                                            |
| References:   | Aekplakorn, W., Puckcharern, H., and Satheannoppakao. (2021). The 6th National Health Examination Survey 2019-2020. <a href="https://www.hiso.or.th/thaihealthstat/report/sreport.php?y=2019&amp;l=sreport6">https://www.hiso.or.th/thaihealthstat/report/sreport.php?y=2019&amp;l=sreport6</a> [Accessed 11.07.25] |
| Notes:        | WHO standard cutoffs shown to allow comparison with non-Asian countries, data using WHO Asia cutoffs also available<br><i>Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.</i>                                    |

## Overweight/obesity by socio-economic group

Adults, 2021



Survey type: Self-reported

Age: 15+

Sample size: 201,191

Area covered: National

References: Polathep Vichitkunakorn, Warintorn Bunyanukul, Kanarit Apiwan, Detphop Tanasanchonnakul & Monsicha Sittisombut (2025) Prevalence of non-communicable disease risk factors and their association with economic status: findings from the 2021 health behaviour of population survey in Thailand, Global Health Action, 18:1, 2485689, DOI: 10.1080/16549716.2025.2485689 [Accessed 11.07.25]

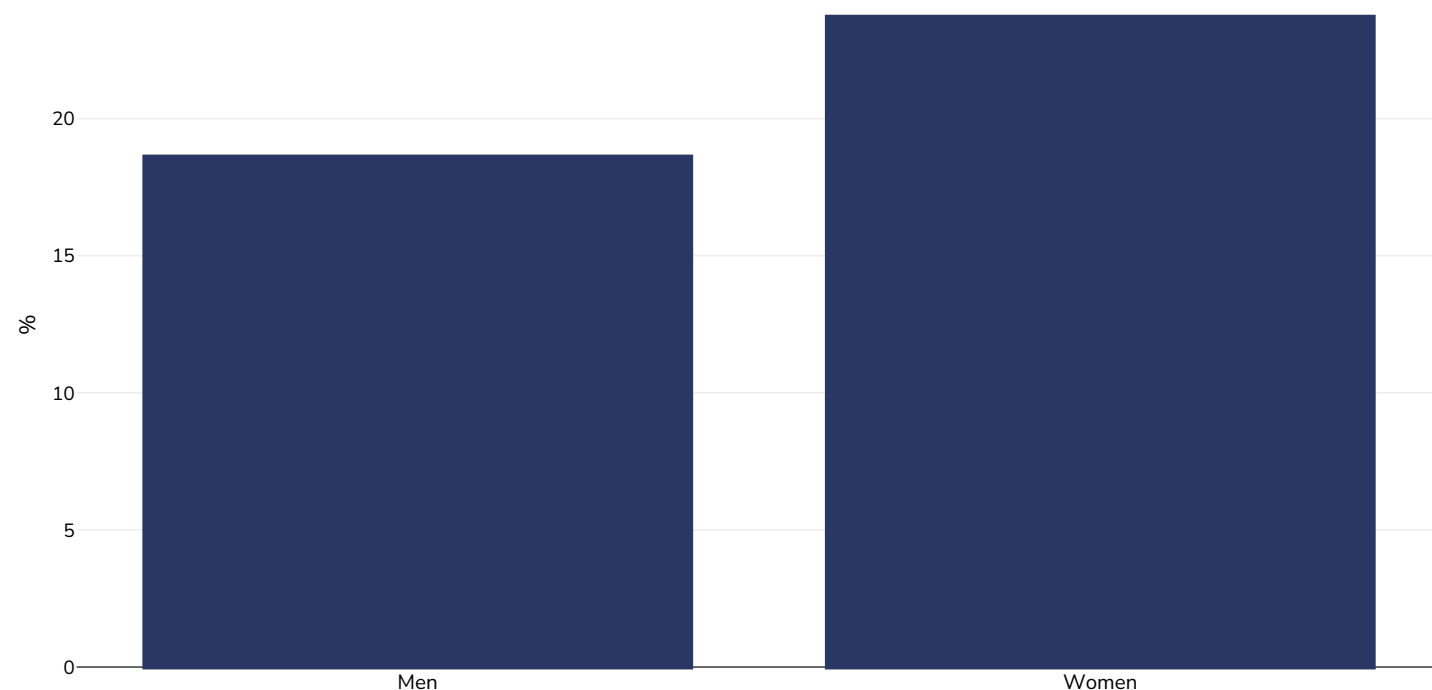
Definitions: BMI  $\geq 23$  kg/m<sup>2</sup>

Cutoffs: WHO Asia

Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.

## Double burden of underweight & overweight

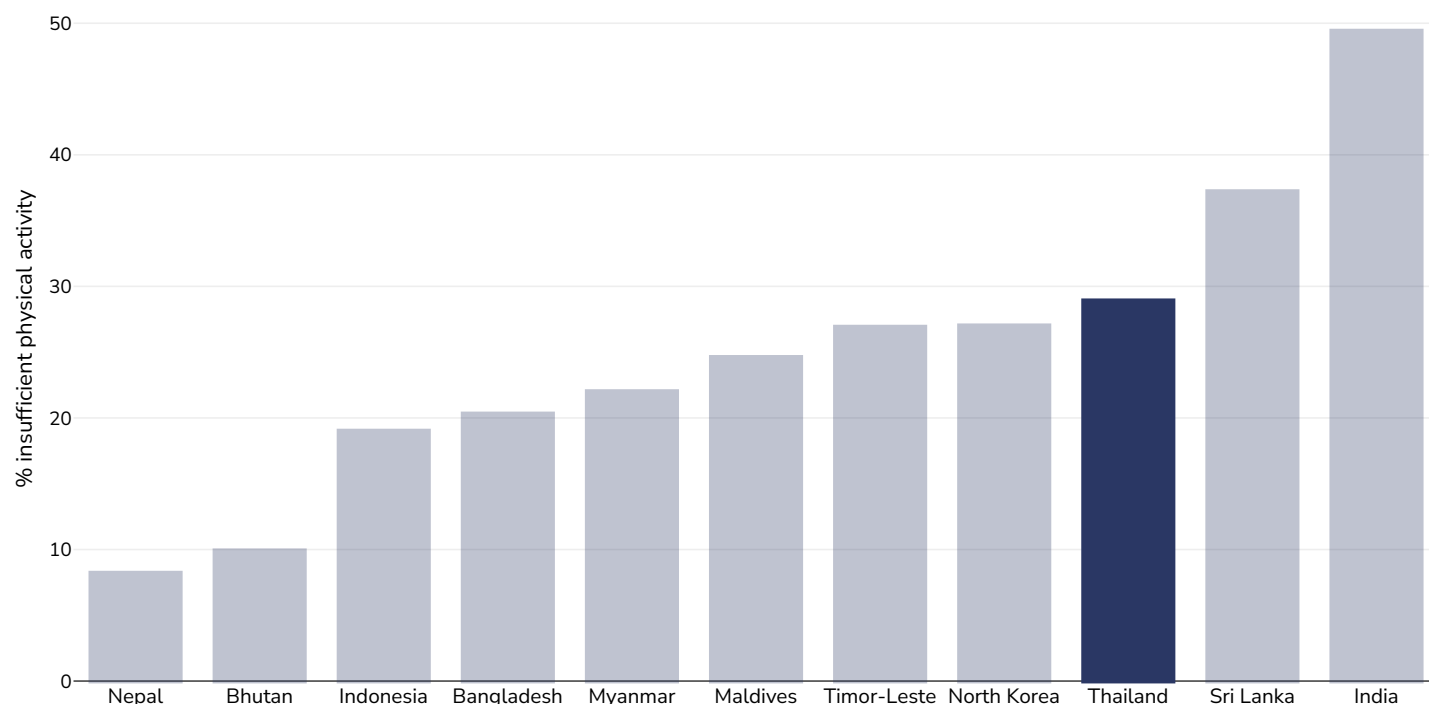
Adults, 2022



|              |                                                                                                                                                                                                                                                                                                                                                                            |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Survey type: | Measured                                                                                                                                                                                                                                                                                                                                                                   |
| Age:         | 20+                                                                                                                                                                                                                                                                                                                                                                        |
| References:  | NCD Risk Factor Collaboration (NCD-RisC). Worldwide trends in underweight and obesity from 1990 to 2022: a pooled analysis of 3663 population representative studies with 222 million children, adolescents, and adults. Lancet 2024; published online Feb 29. <a href="https://doi.org/10.1016/S0140-6736(23)02750-2">https://doi.org/10.1016/S0140-6736(23)02750-2</a> . |
| Notes:       | Age Standardised estimates                                                                                                                                                                                                                                                                                                                                                 |
| Definitions: | Combined prevalence of BMI<18.5 kg/m <sup>2</sup> and BMI≥30 kg/m <sup>2</sup> (double burden of underweight and obesity)                                                                                                                                                                                                                                                  |

## Insufficient physical activity

### Adults, 2022



Survey type: Self-reported

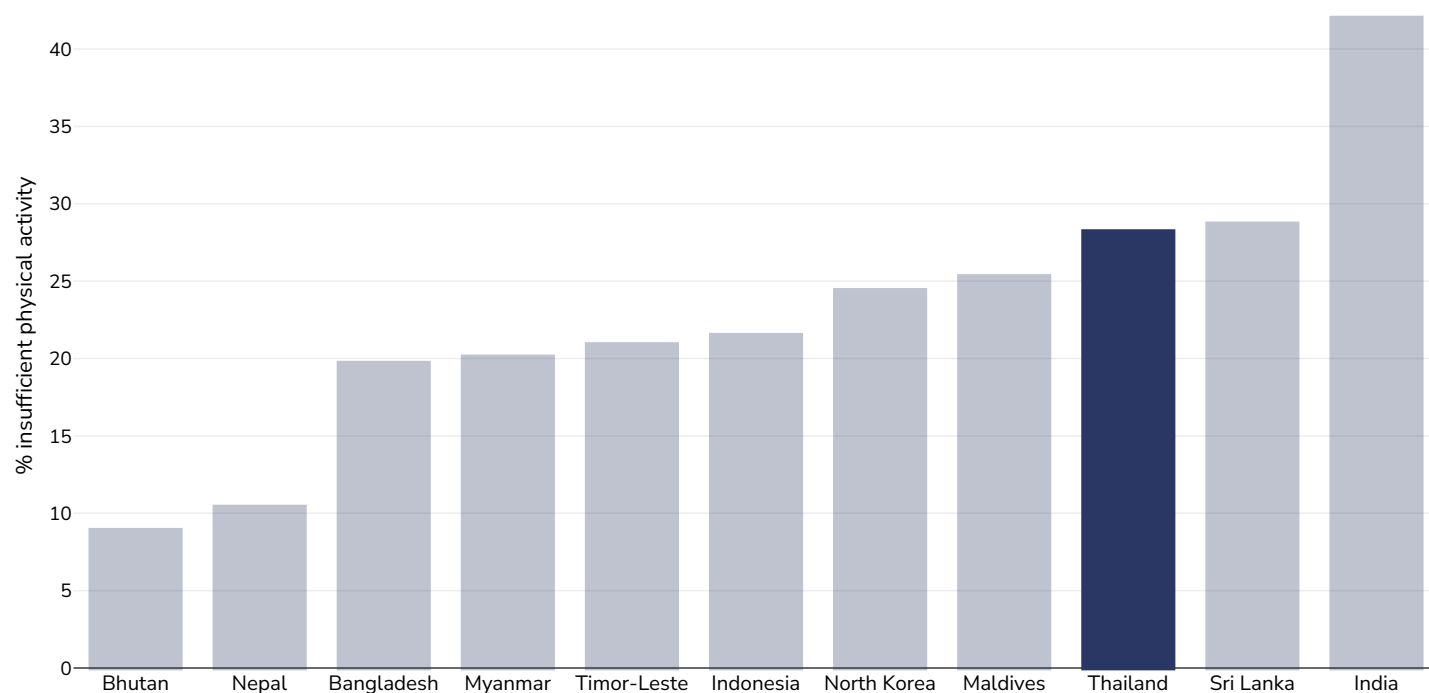
Age: 18+

Area covered: National

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-among-adults-aged-18-years-\(age-standardized-estimate\)-\(-\)](https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-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.

## Men, 2022



Survey type: Self-reported

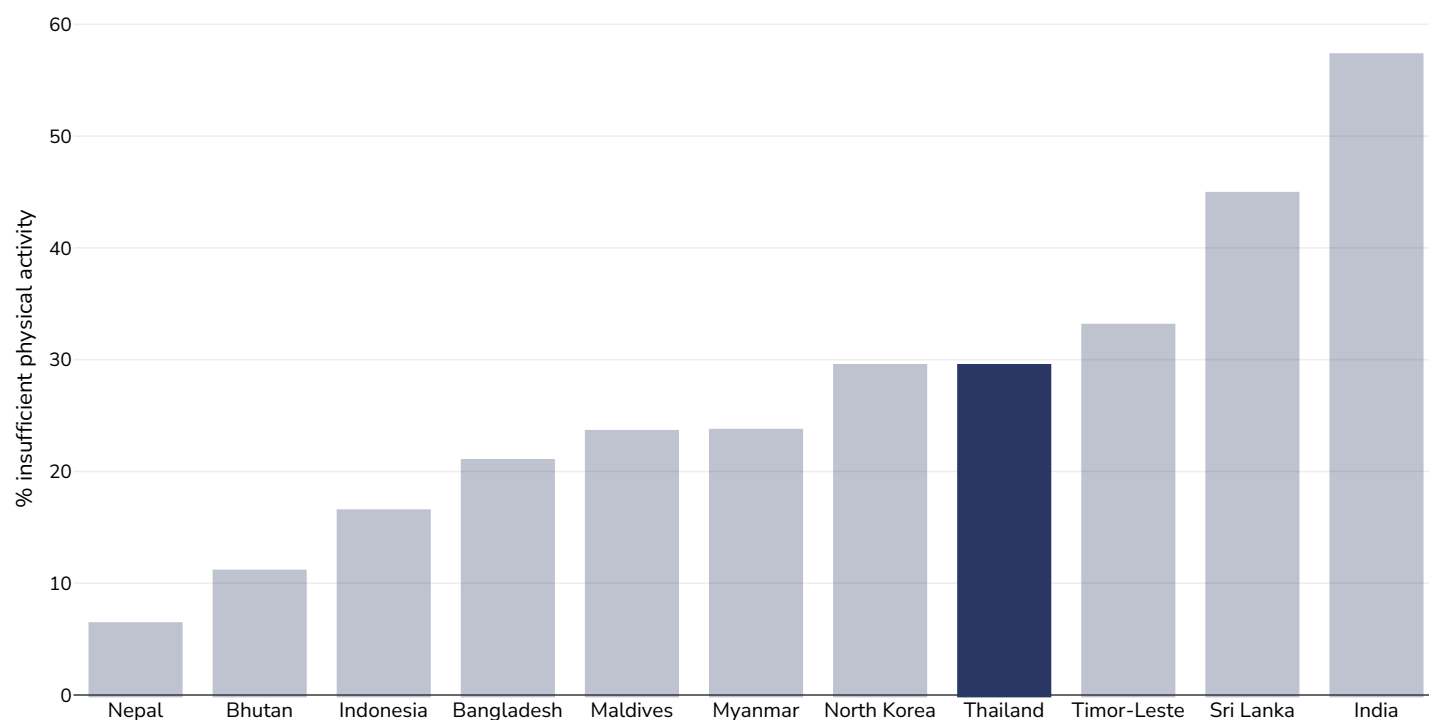
Age: 18+

Area covered: National

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-among-adults-aged-18-years-\(age-standardized-estimate\)-\(-\)](https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-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.

## Women, 2022



Survey type: Self-reported

Age: 18+

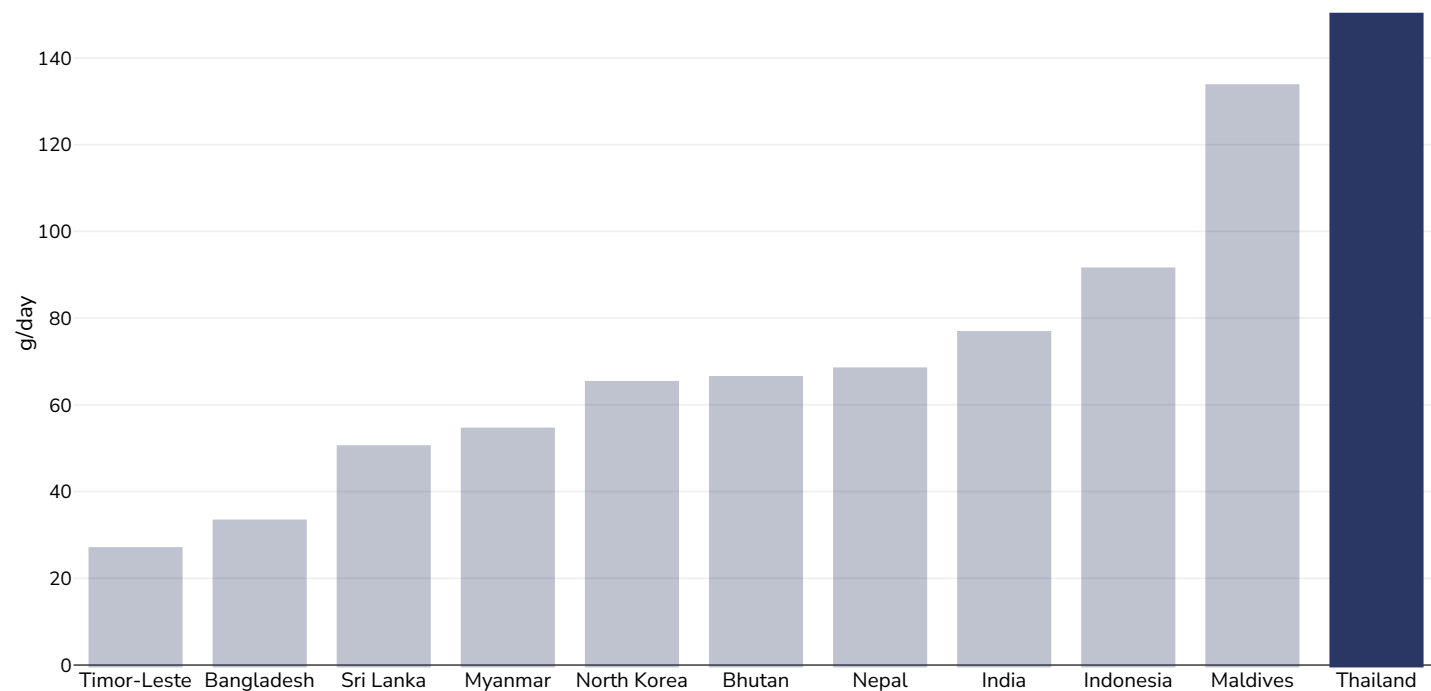
Area covered: National

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-among-adults-aged-18-years-\(age-standardized-estimate\)-\(-\)](https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-insufficient-physical-activity-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.

## Estimated per capita fruit intake

Adults, 2017



Survey type: Measured

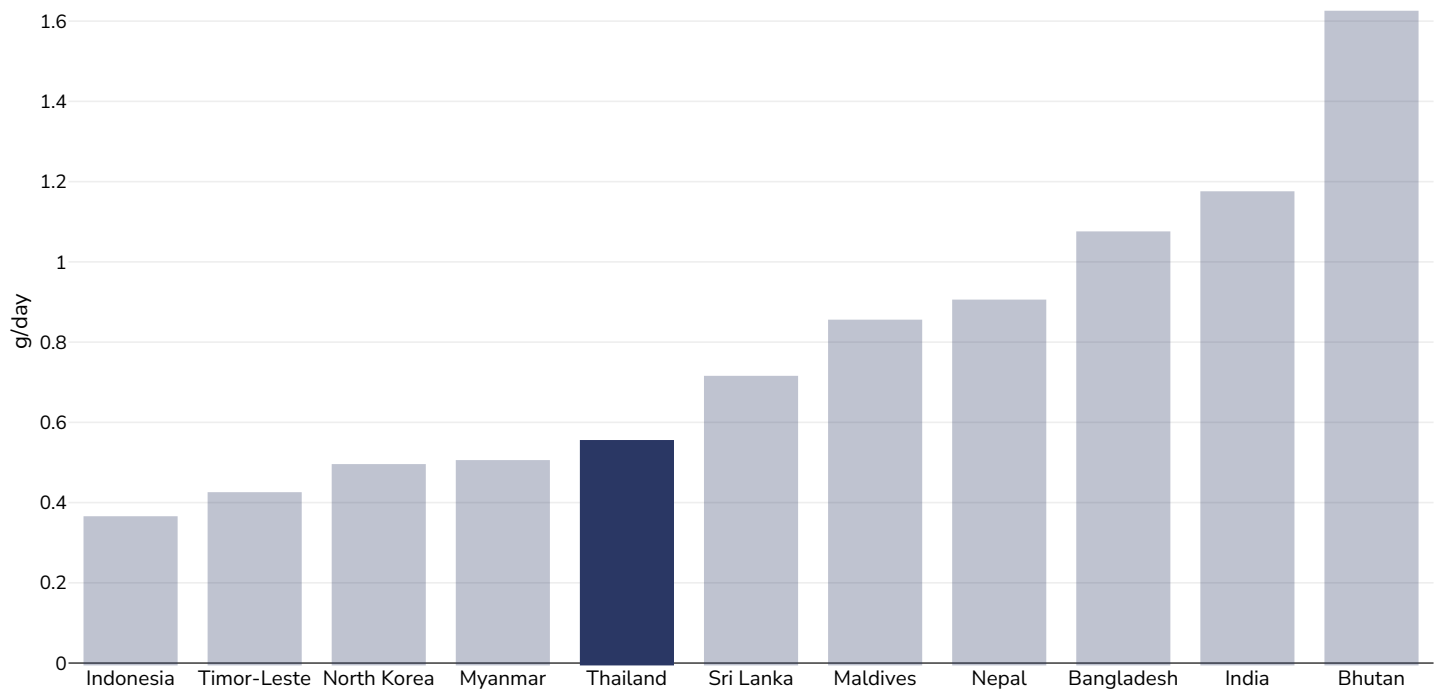
Age: 25+

References: Global Burden of Disease, the Institute for Health Metrics and Evaluation <http://ghdx.healthdata.org/>

Definitions: Estimated per-capita fruit intake (g/day)

## Estimated per-capita processed meat intake

Adults, 2017



Survey type: Measured

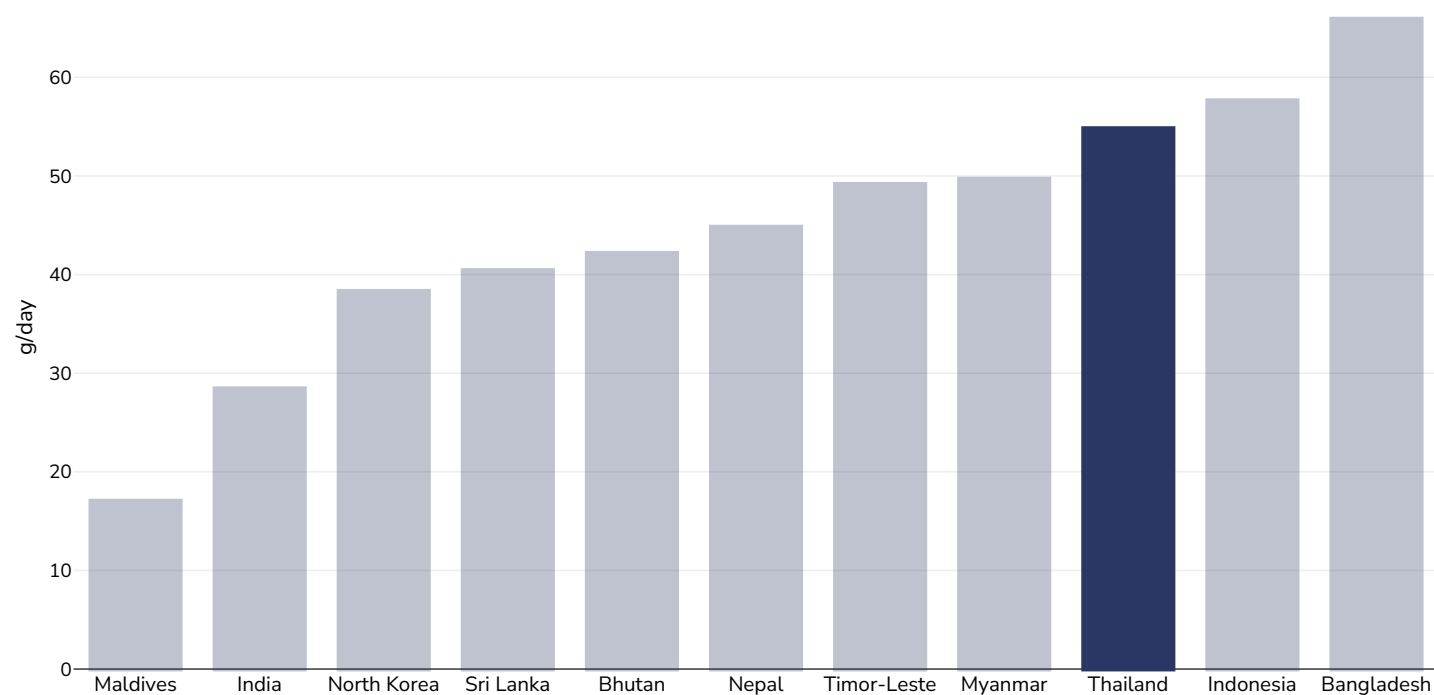
Age: 25+

References: Global Burden of Disease, the Institute for Health Metrics and Evaluation <http://ghdx.healthdata.org/>

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 <http://ghdx.healthdata.org/>

Definitions: Estimated per-capita whole grains intake (g/day)

## Mental health - depression disorders

### Adults, 2021



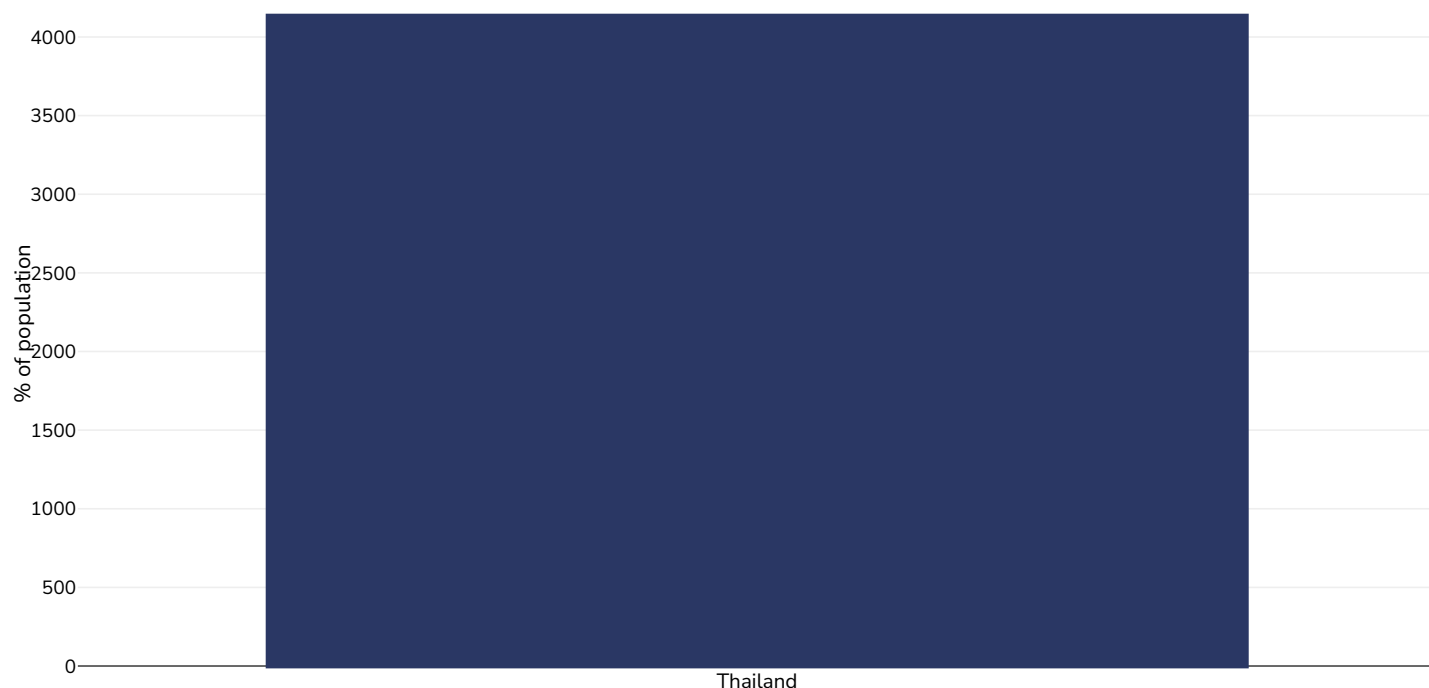
Age: 20+

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)

## Men, 2021



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)

## Women, 2021



Age: 20+

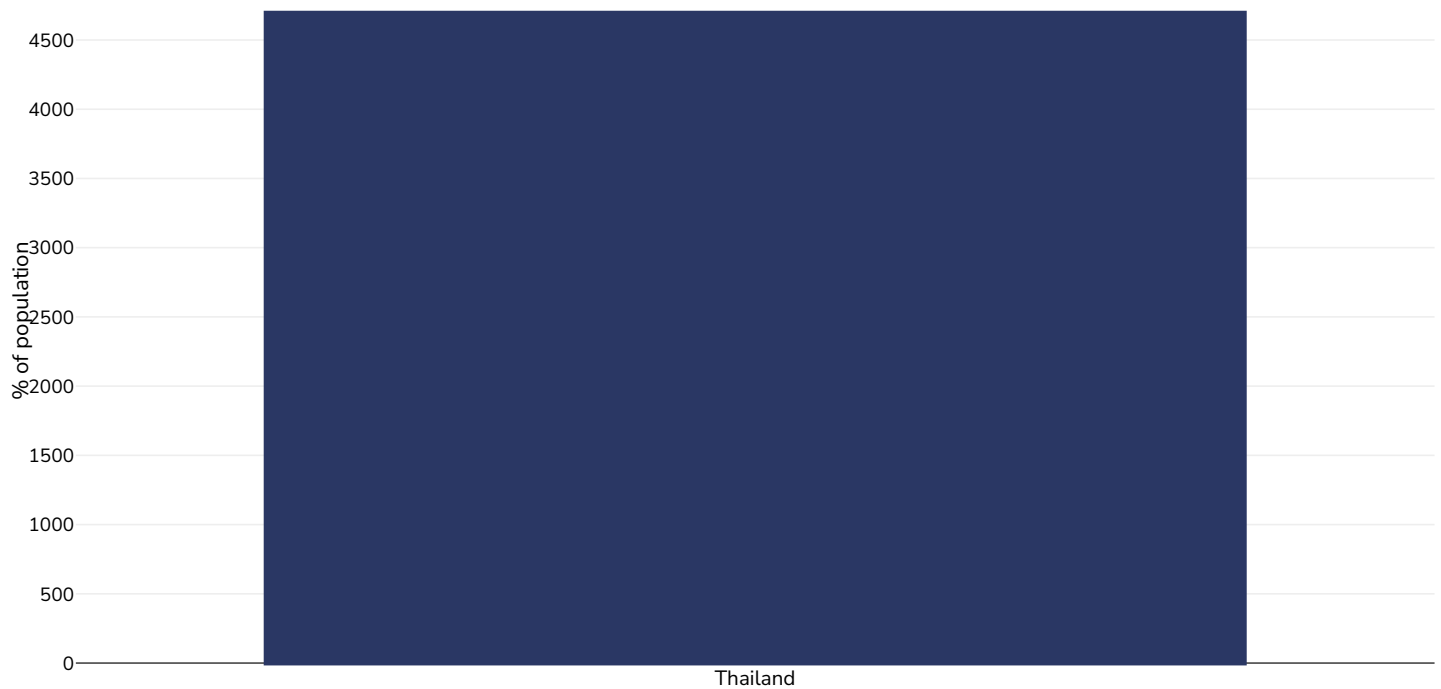
Area covered: National

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

### Adults, 2021

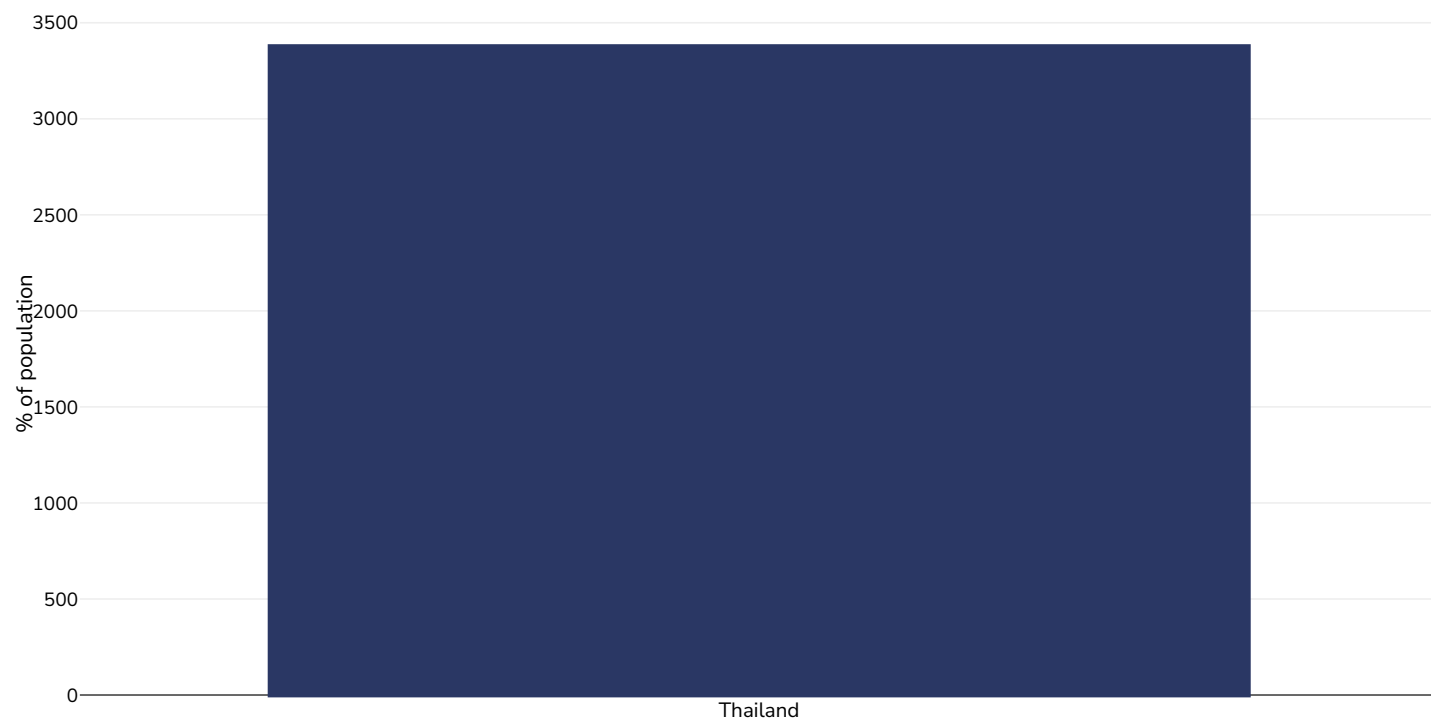


Age: 20+

**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

## Men, 2021

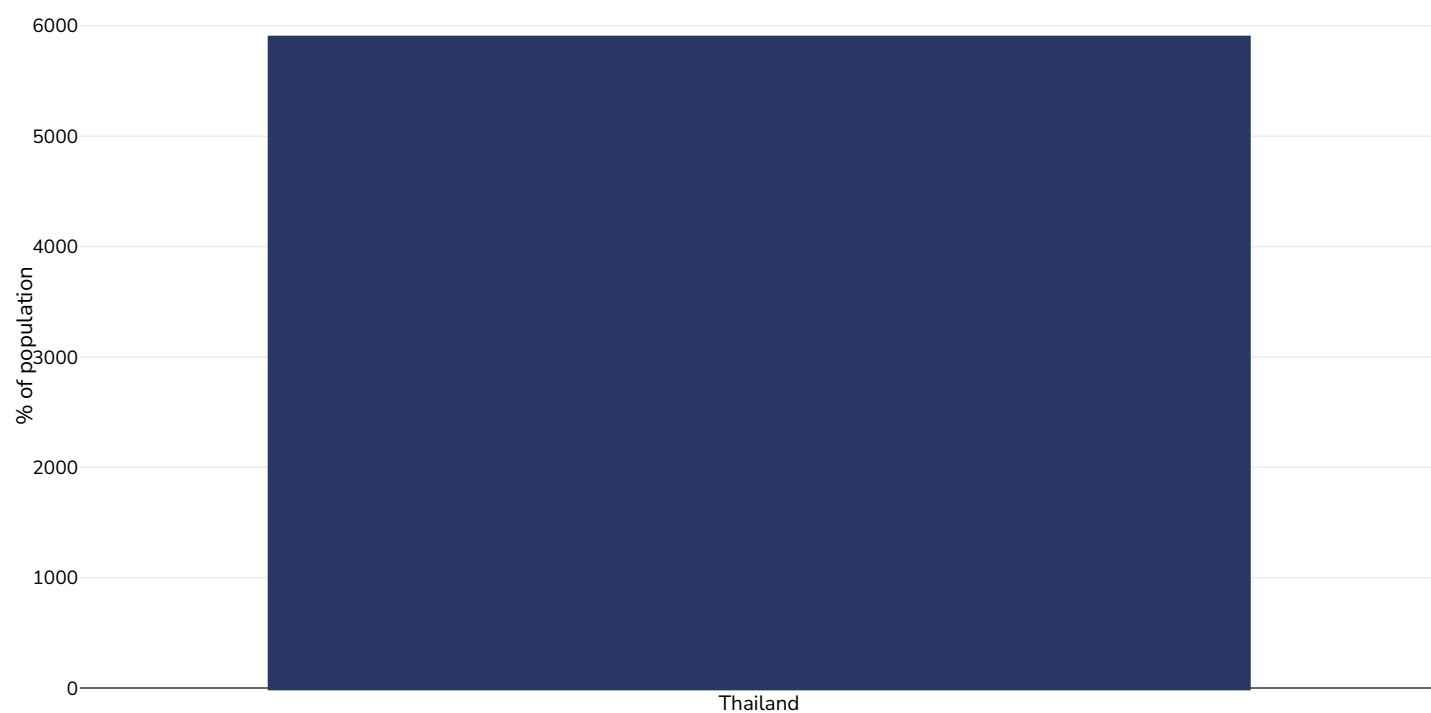


Age: 20+

**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

## Women, 2021



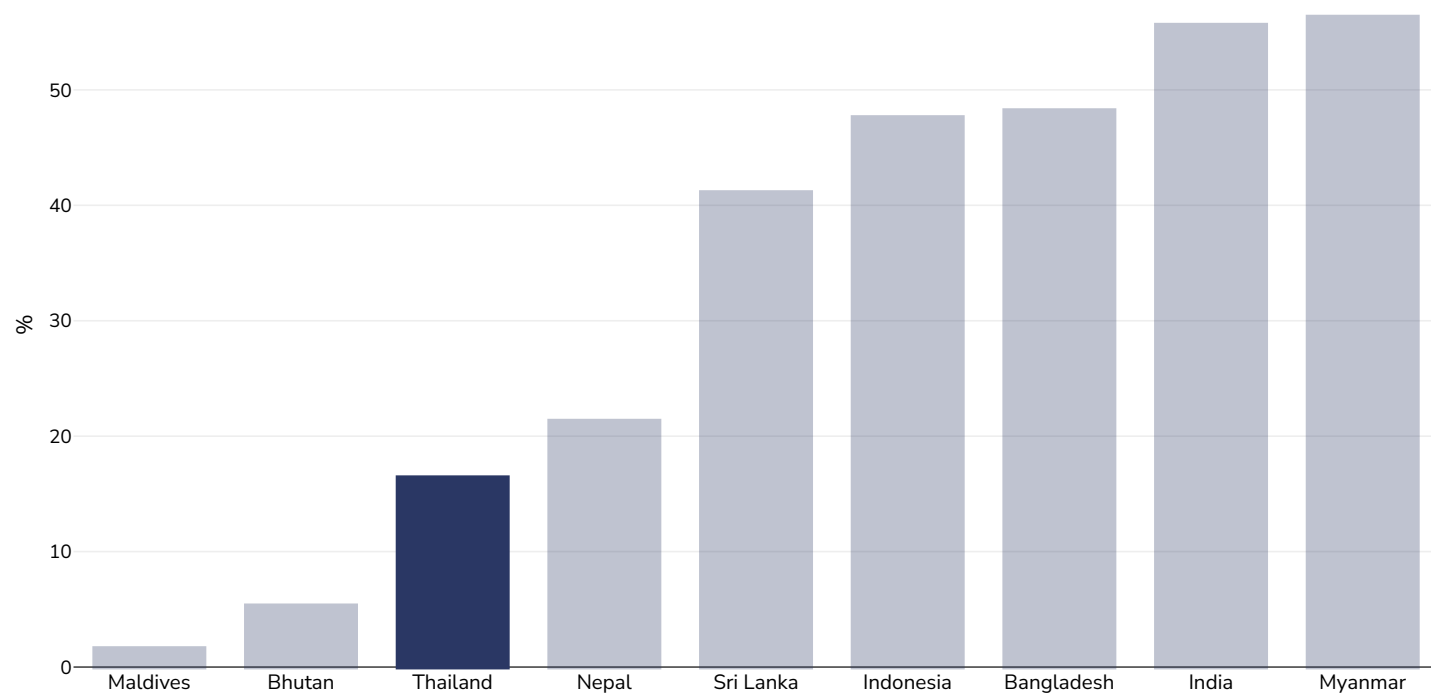
Age: 20+

**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

Adults, 2022



Area covered:

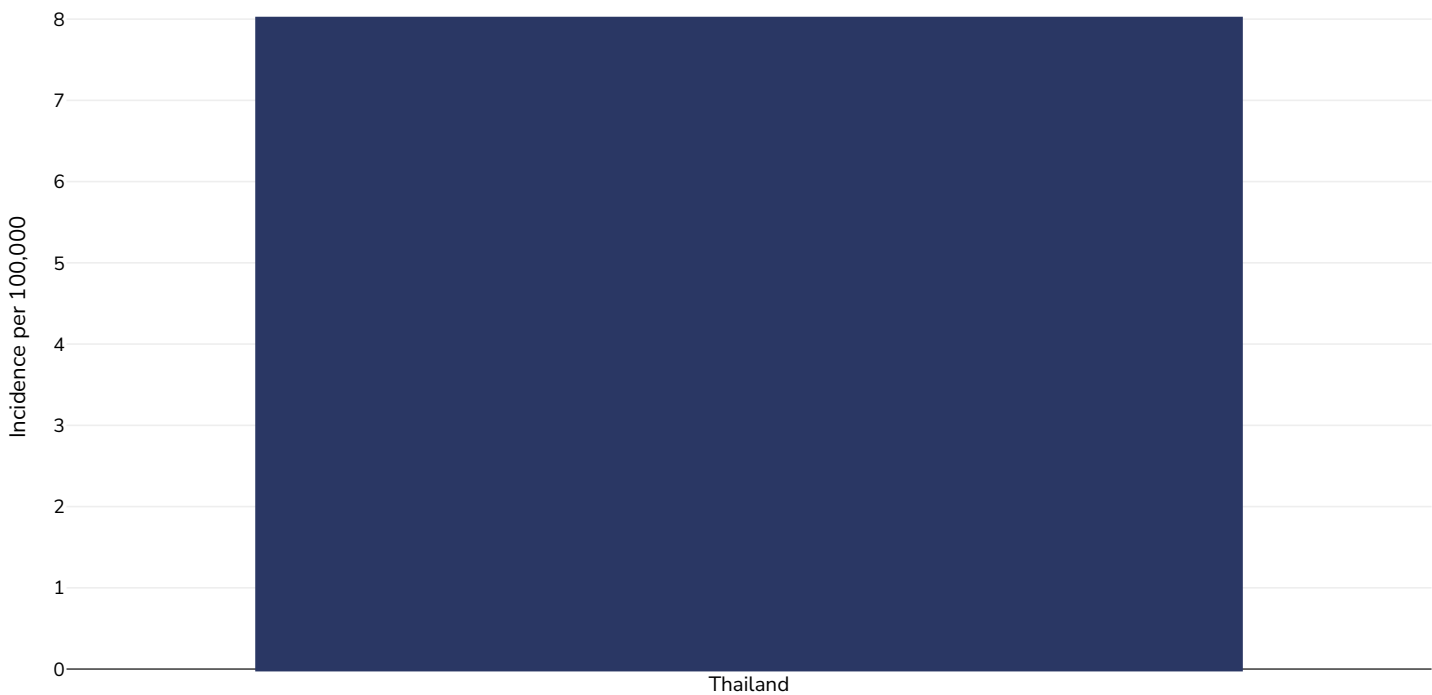
National

References:

The Food Systems Dashboard. The Global Alliance for Improved Nutrition (GAIN), The Columbia Climate School, and Cornell University College of Agriculture and Life Sciences. 2024. Geneva, Switzerland. <https://www.foodsystemsdashboard.org>. DOI: <https://doi.org/10.36072/db>.

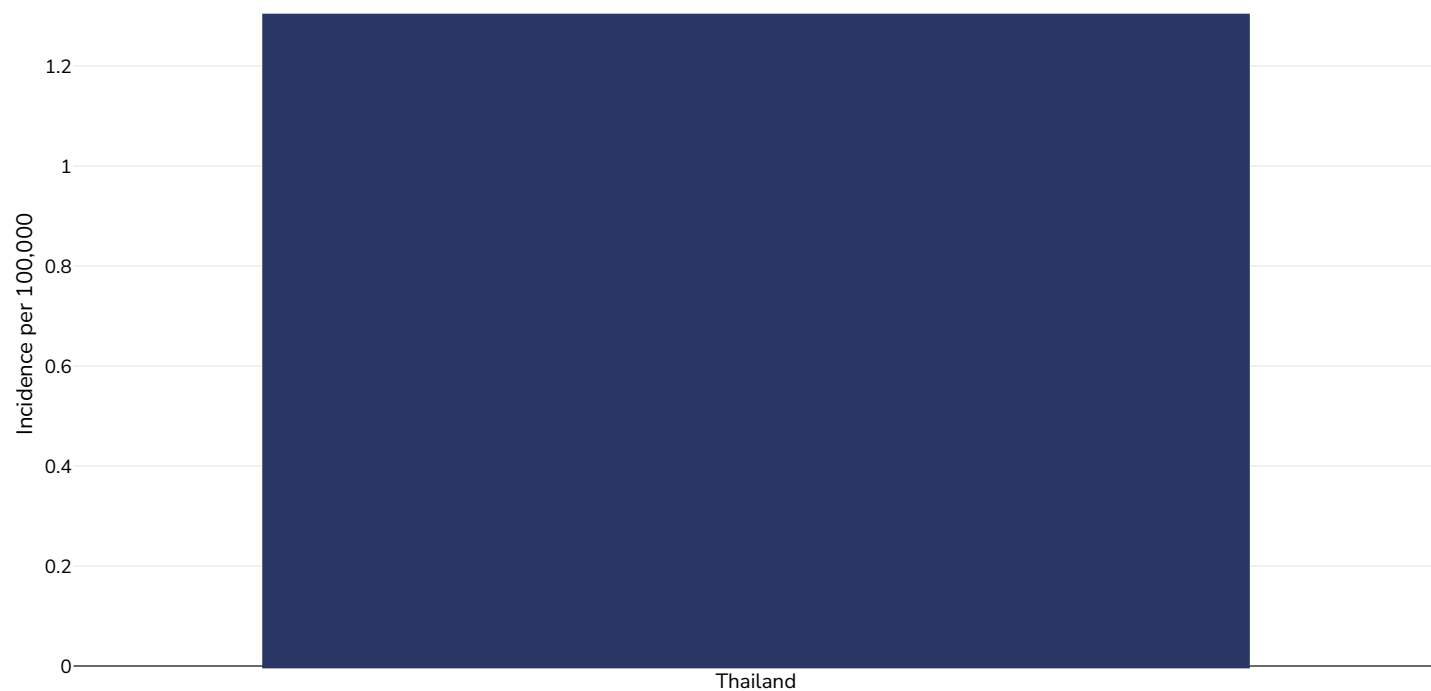
# Oesophageal cancer

Men, 2022



|               |                                                                                                                                                                                                                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Age:          | 20+                                                                                                                                                                                                                                                                                                                                  |
| Area covered: | National                                                                                                                                                                                                                                                                                                                             |
| 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: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24] |
| Definitions:  | Indicence per 100,000                                                                                                                                                                                                                                                                                                                |

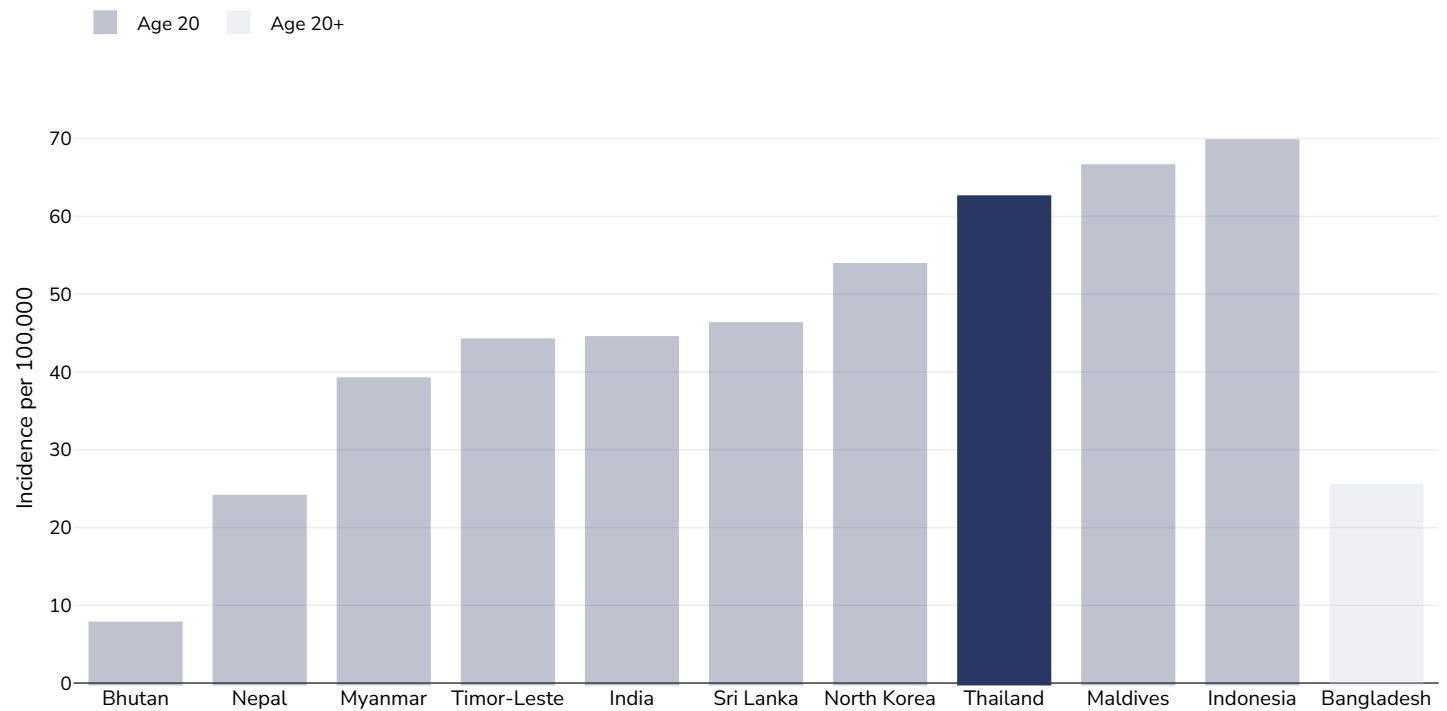
## Women, 2022



|               |                                                                                                                                                                                                                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Age:          | 20+                                                                                                                                                                                                                                                                                                                                  |
| Area covered: | National                                                                                                                                                                                                                                                                                                                             |
| 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: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24] |
| Definitions:  | Indicence per 100,000                                                                                                                                                                                                                                                                                                                |

## Breast cancer

### Women, 2022



Area covered:

National

References:

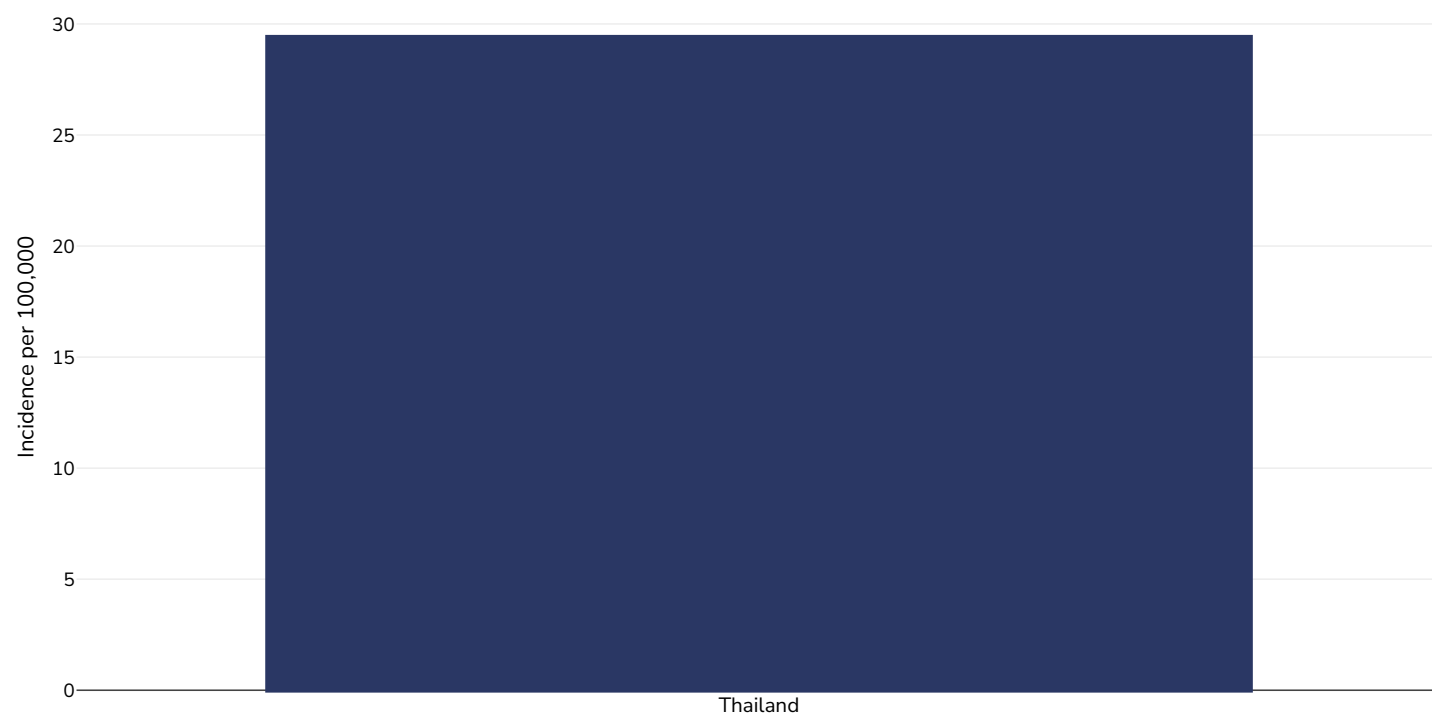
Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions:

Incidence per 100,000

## Colorectal cancer

### Men, 2022



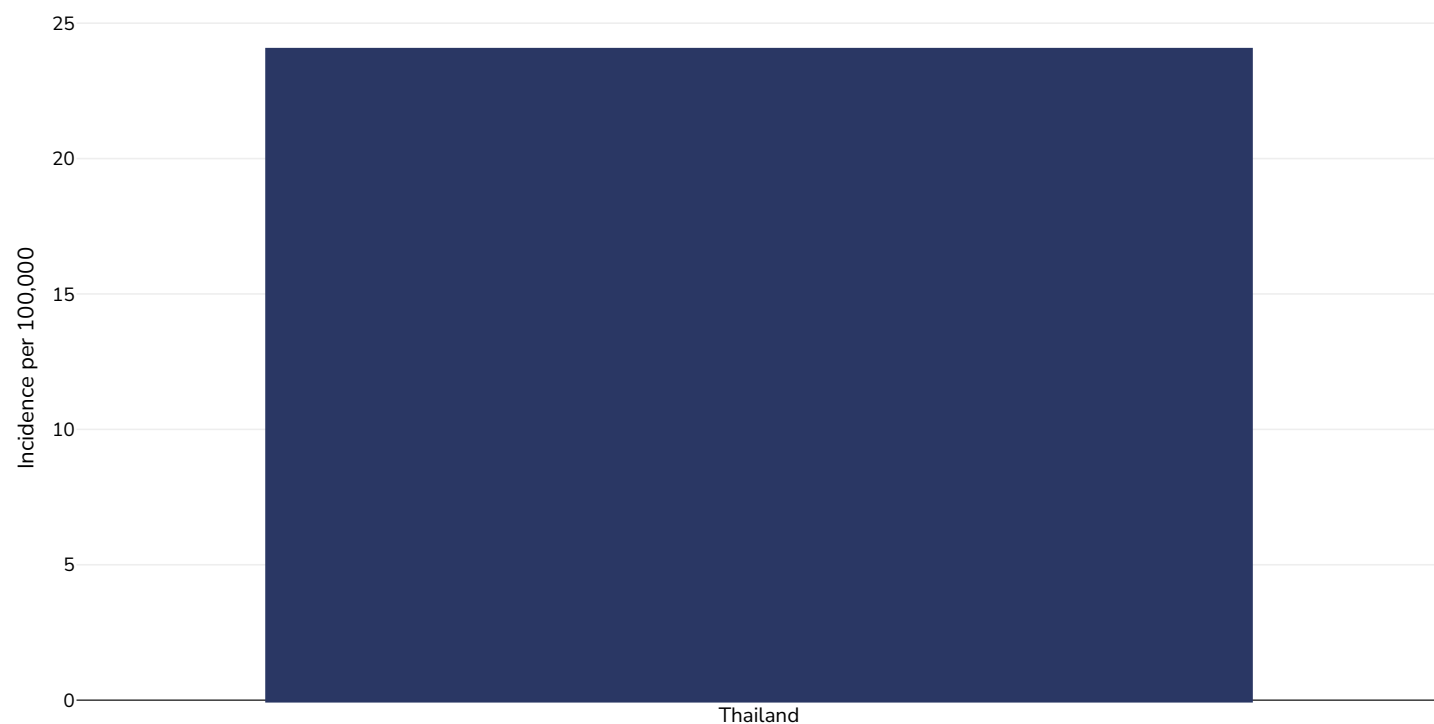
Age: 20+

Area covered: National

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

## Women, 2022



|               |                                                                                                                                                                                                                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Age:          | 20+                                                                                                                                                                                                                                                                                                                                  |
| Area covered: | National                                                                                                                                                                                                                                                                                                                             |
| 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: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24] |
| Definitions:  | Incidence per 100,000                                                                                                                                                                                                                                                                                                                |

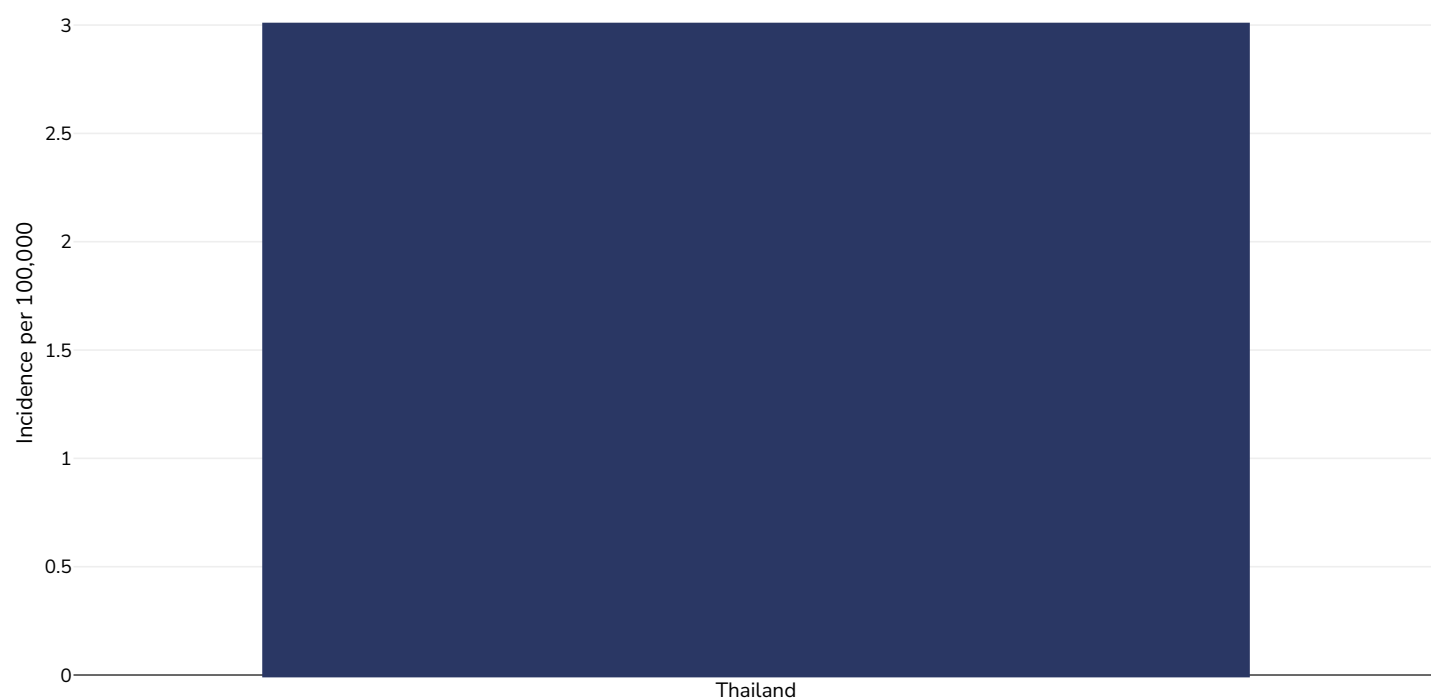
## Pancreatic cancer

### Men, 2022



|               |                                                                                                                                                                                                                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Age:          | 20+                                                                                                                                                                                                                                                                                                                                  |
| Area covered: | National                                                                                                                                                                                                                                                                                                                             |
| 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: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24] |
| Definitions:  | Incidence per 100,000                                                                                                                                                                                                                                                                                                                |

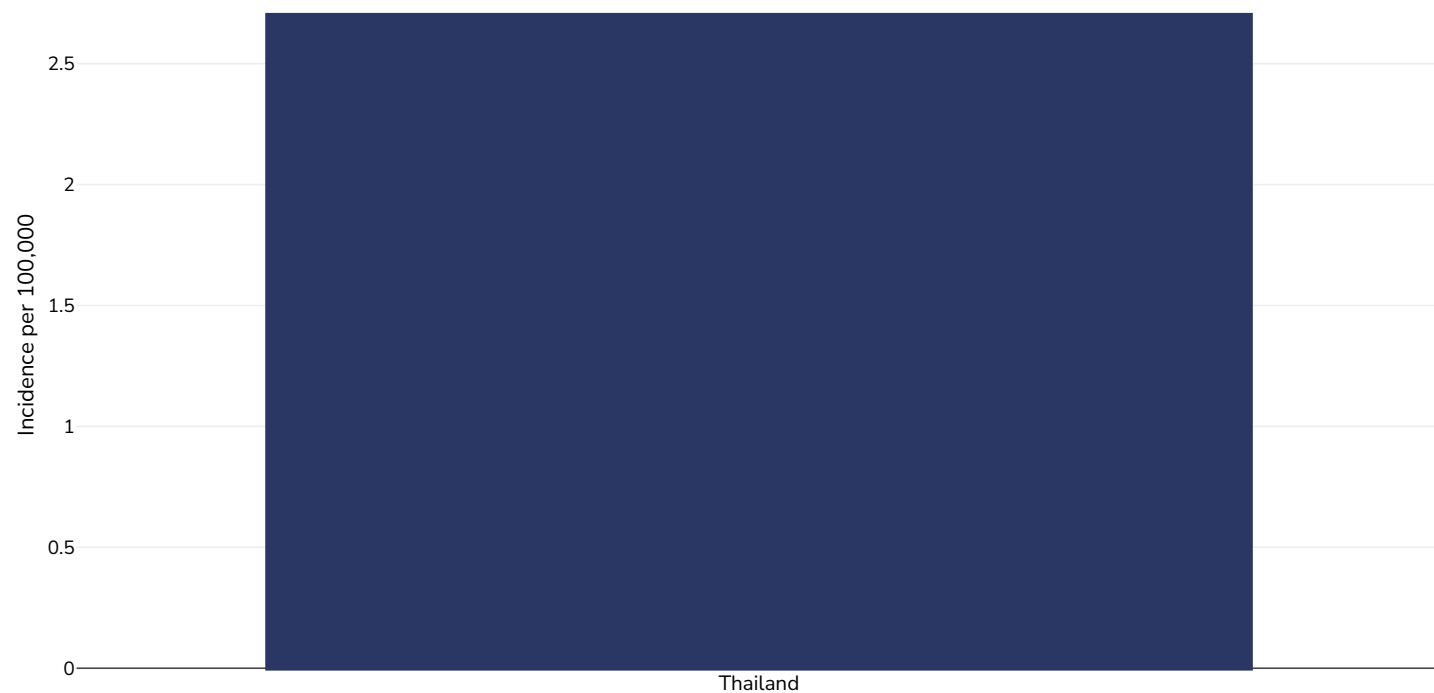
## Women, 2022



|               |                                                                                                                                                                                                                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Age:          | 20+                                                                                                                                                                                                                                                                                                                                  |
| Area covered: | National                                                                                                                                                                                                                                                                                                                             |
| 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: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24] |
| Definitions:  | Incidence per 100,000                                                                                                                                                                                                                                                                                                                |

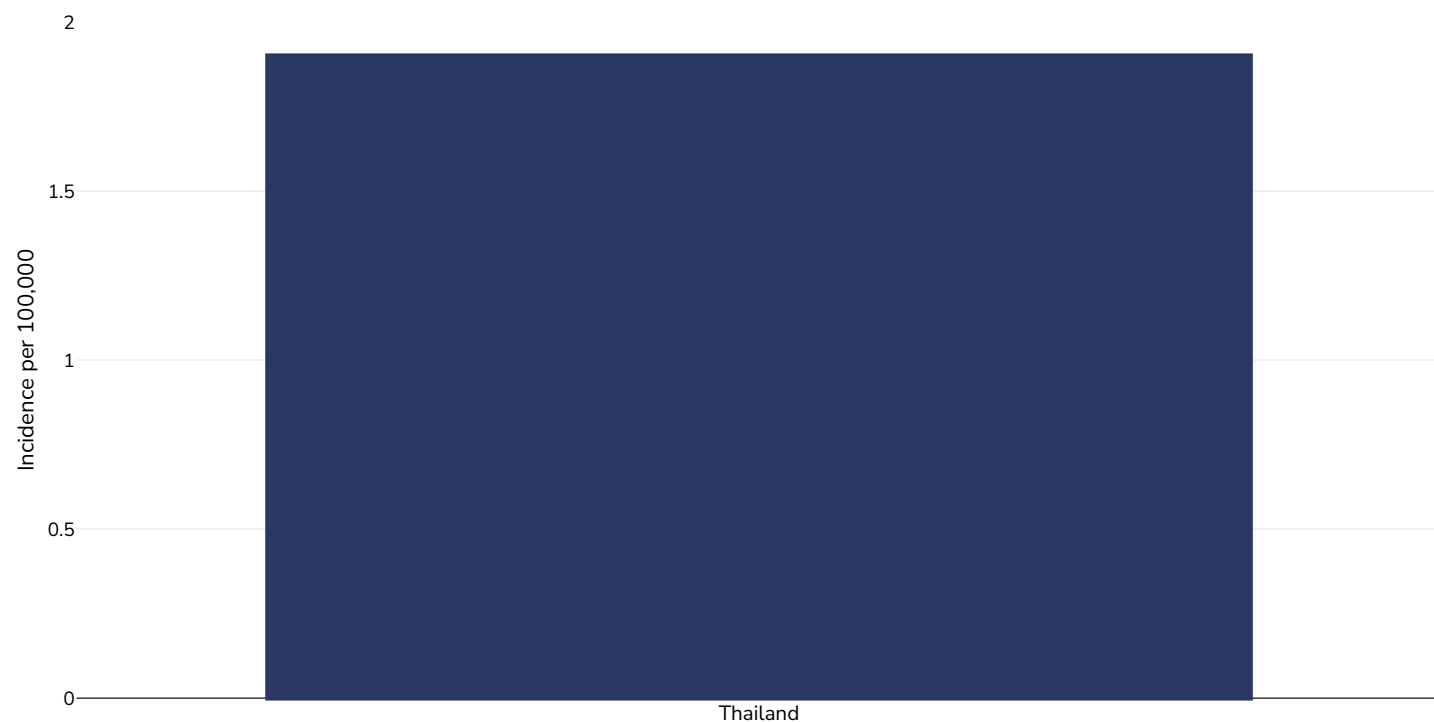
## Gallbladder cancer

Men, 2022



|               |                                                                                                                                                                                                                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Age:          | 20+                                                                                                                                                                                                                                                                                                                                  |
| Area covered: | National                                                                                                                                                                                                                                                                                                                             |
| 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: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24] |
| Definitions:  | Indicence per 100,000                                                                                                                                                                                                                                                                                                                |

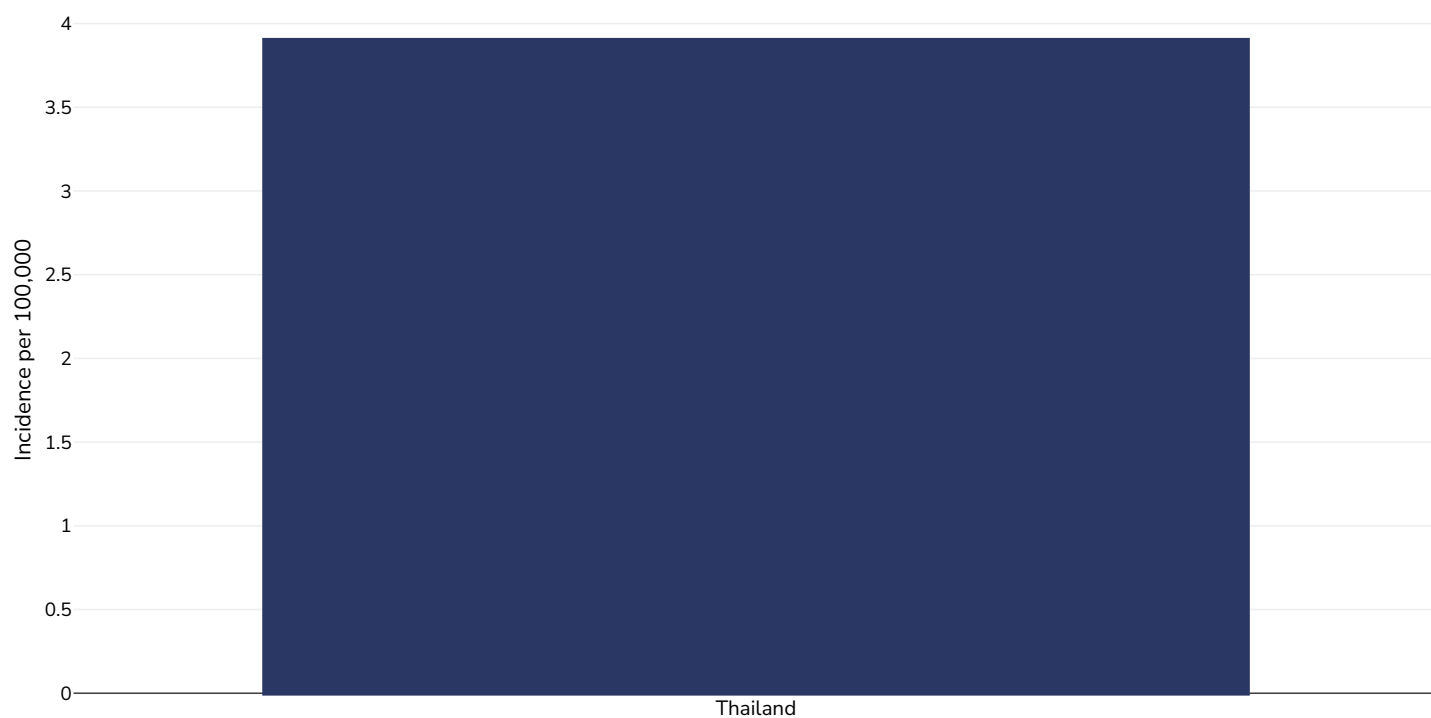
## Women, 2022



|               |                                                                                                                                                                                                                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Age:          | 20+                                                                                                                                                                                                                                                                                                                                  |
| Area covered: | National                                                                                                                                                                                                                                                                                                                             |
| 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: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24] |
| Definitions:  | Indicence per 100,000                                                                                                                                                                                                                                                                                                                |

## Kidney cancer

### Men, 2022



|               |                                                                                                                                                                                                                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Age:          | 20+                                                                                                                                                                                                                                                                                                                                  |
| Area covered: | National                                                                                                                                                                                                                                                                                                                             |
| 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: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24] |
| Definitions:  | Incidence per 100,000                                                                                                                                                                                                                                                                                                                |

## Women, 2022



|               |                                                                                                                                                                                                                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Age:          | 20+                                                                                                                                                                                                                                                                                                                                  |
| Area covered: | National                                                                                                                                                                                                                                                                                                                             |
| 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: <a href="https://gco.iarc.who.int/today">https://gco.iarc.who.int/today</a> , accessed [16.07.24] |
| Definitions:  | Incidence per 100,000                                                                                                                                                                                                                                                                                                                |

## Cancer of the uterus

### Women, 2022



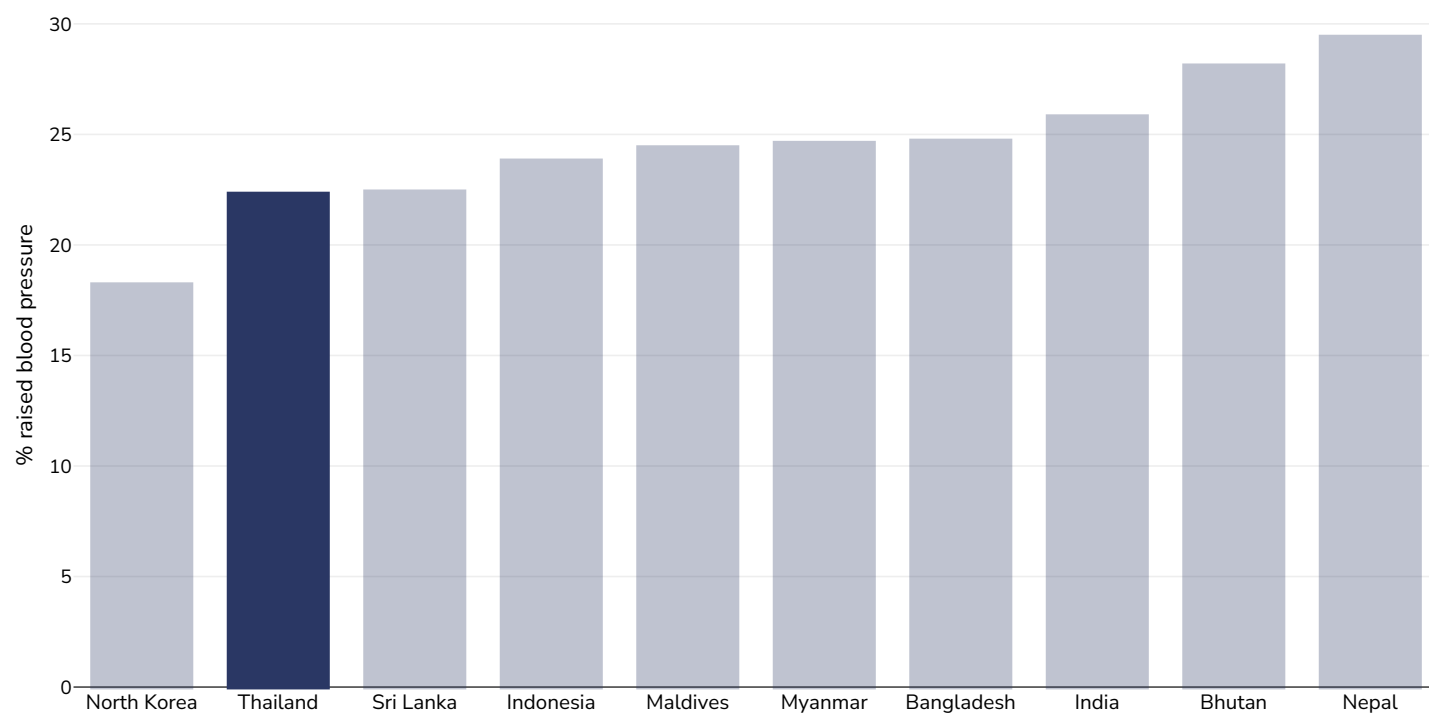
Age: 20+

**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

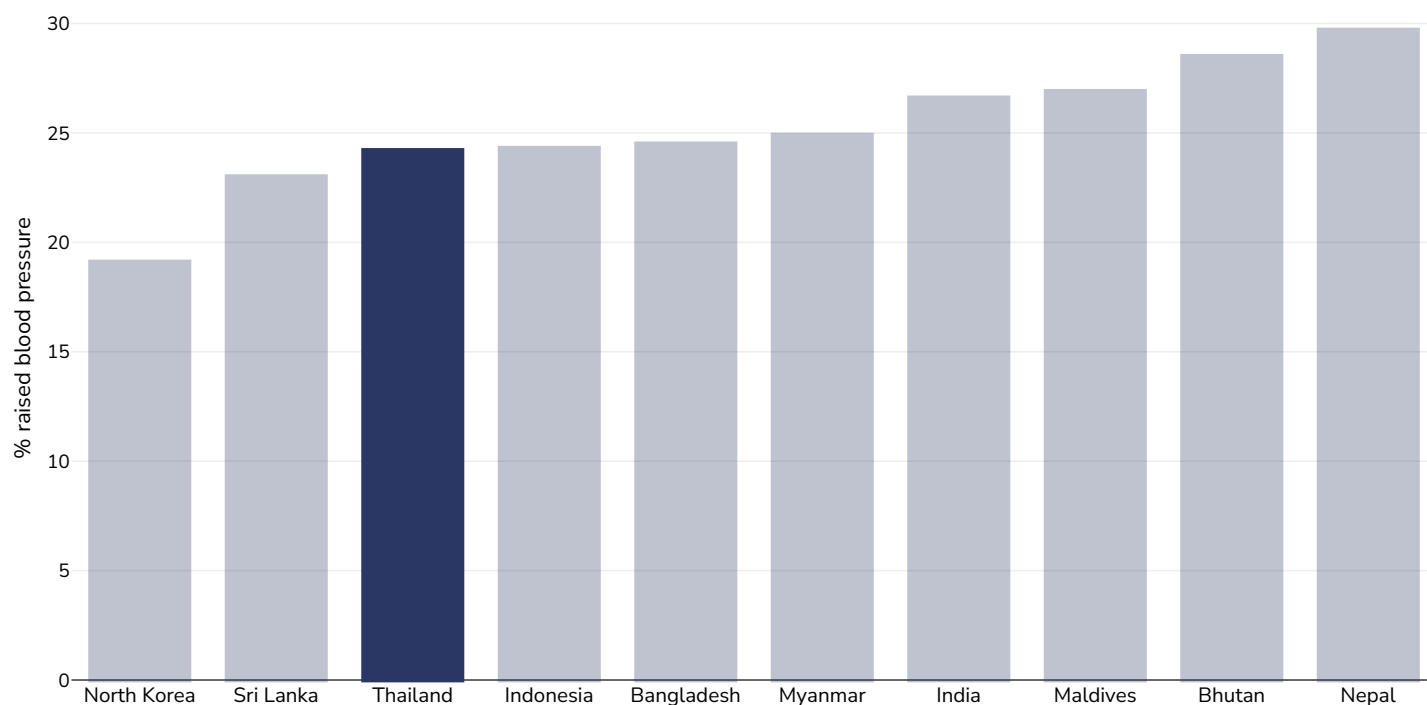
### Adults, 2015



**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 $\geq$ 140 OR DBP $\geq$ 90).

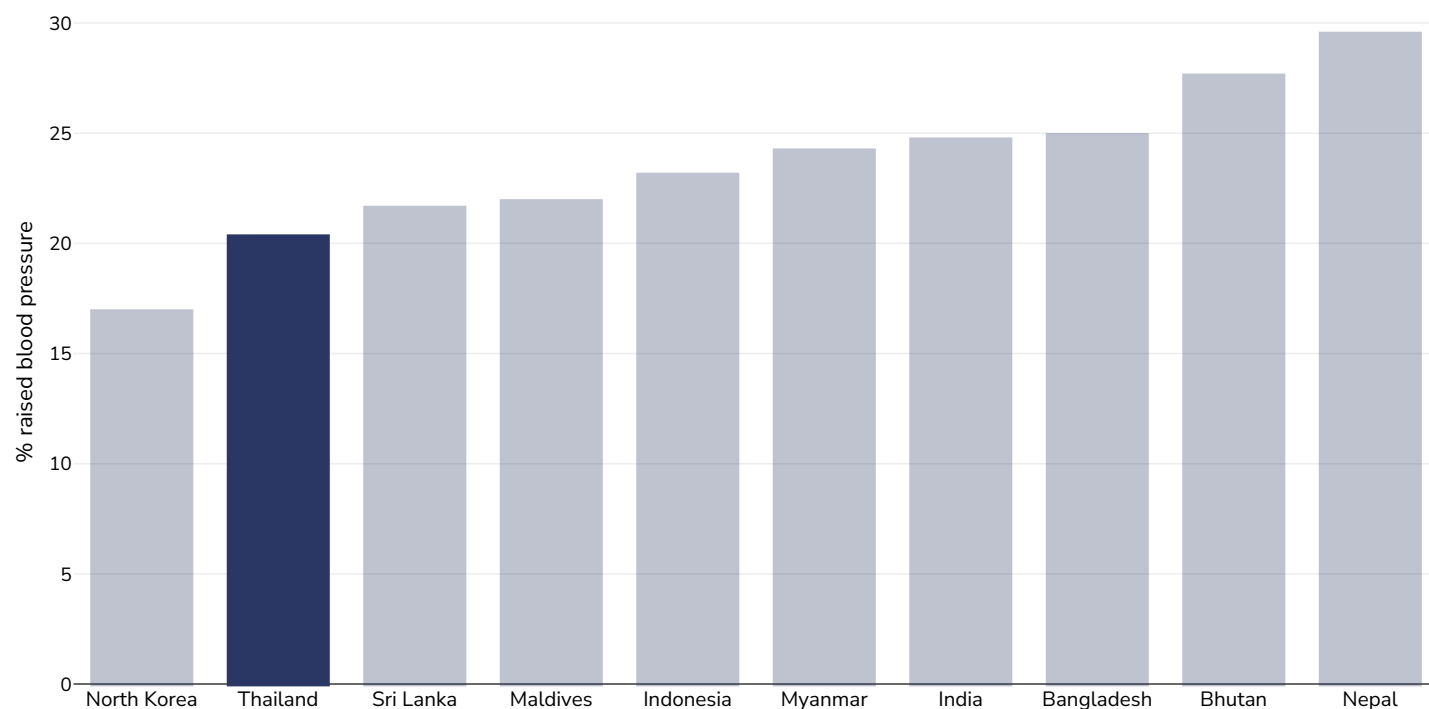
## Men, 2015



**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 $\geq$ 140 OR DBP $\geq$ 90).

## Women, 2015

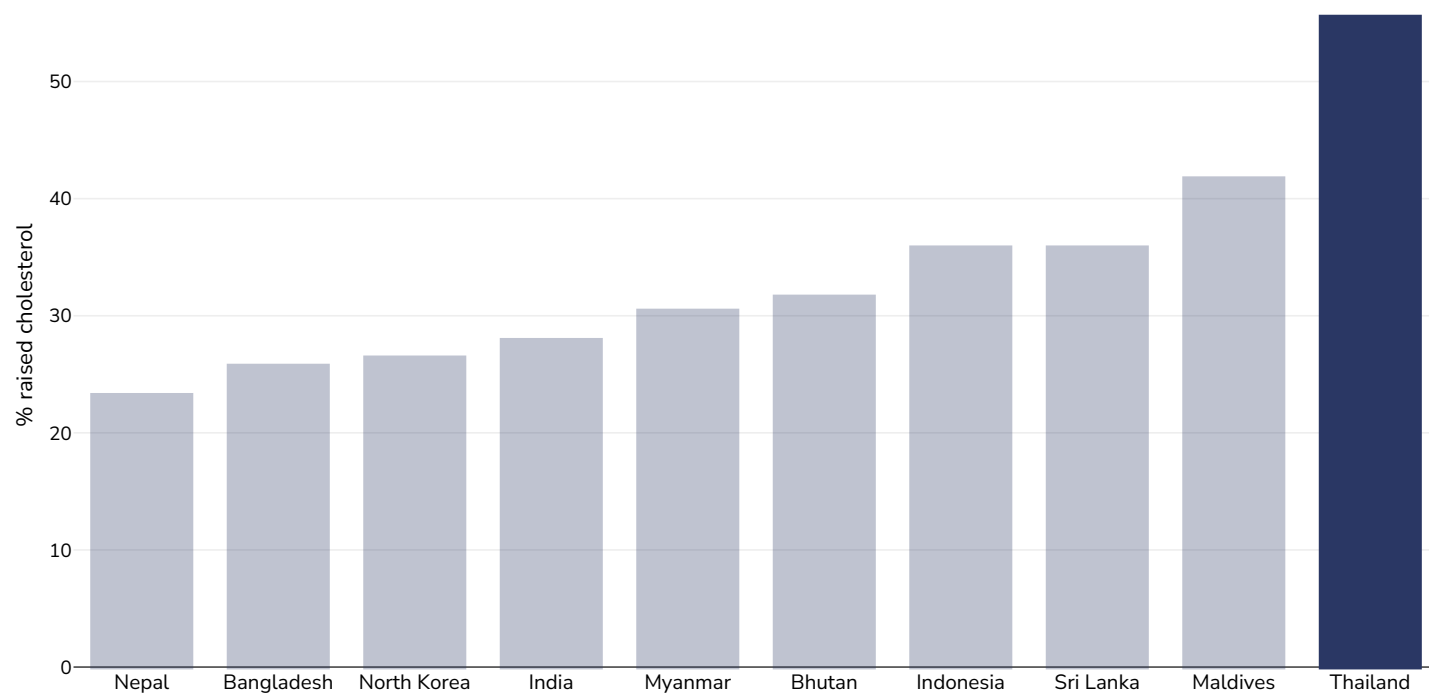


**References:** Global Health Observatory data repository, World Health Organisation, <http://apps.who.int/gho/data/node.main.A875?lang=en>

**Definitions:** Age Standardised estimated % Raised blood pressure 2015 (SBP $\geq$ 140 OR DBP $\geq$ 90).

## Raised cholesterol

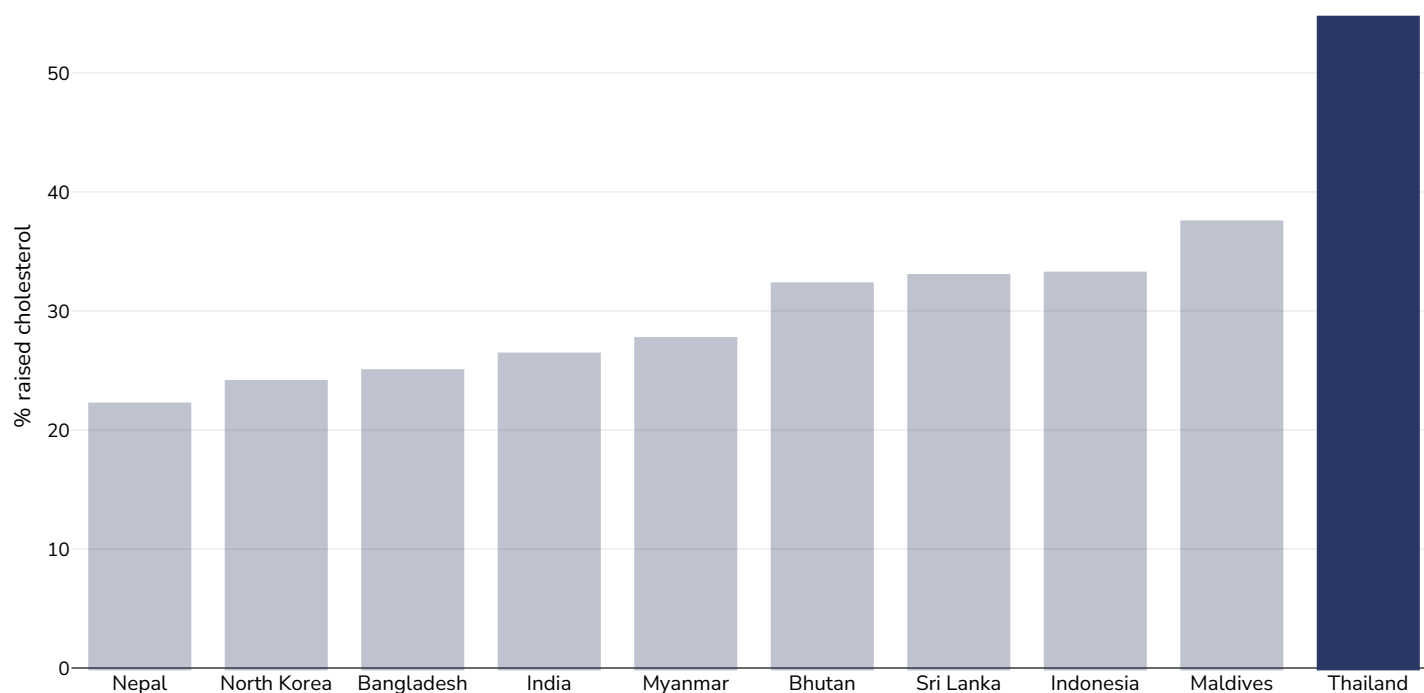
Adults, 2008



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

**Definitions:** % Raised total cholesterol ( $\geq 5.0$  mmol/L) (age-standardized estimate).

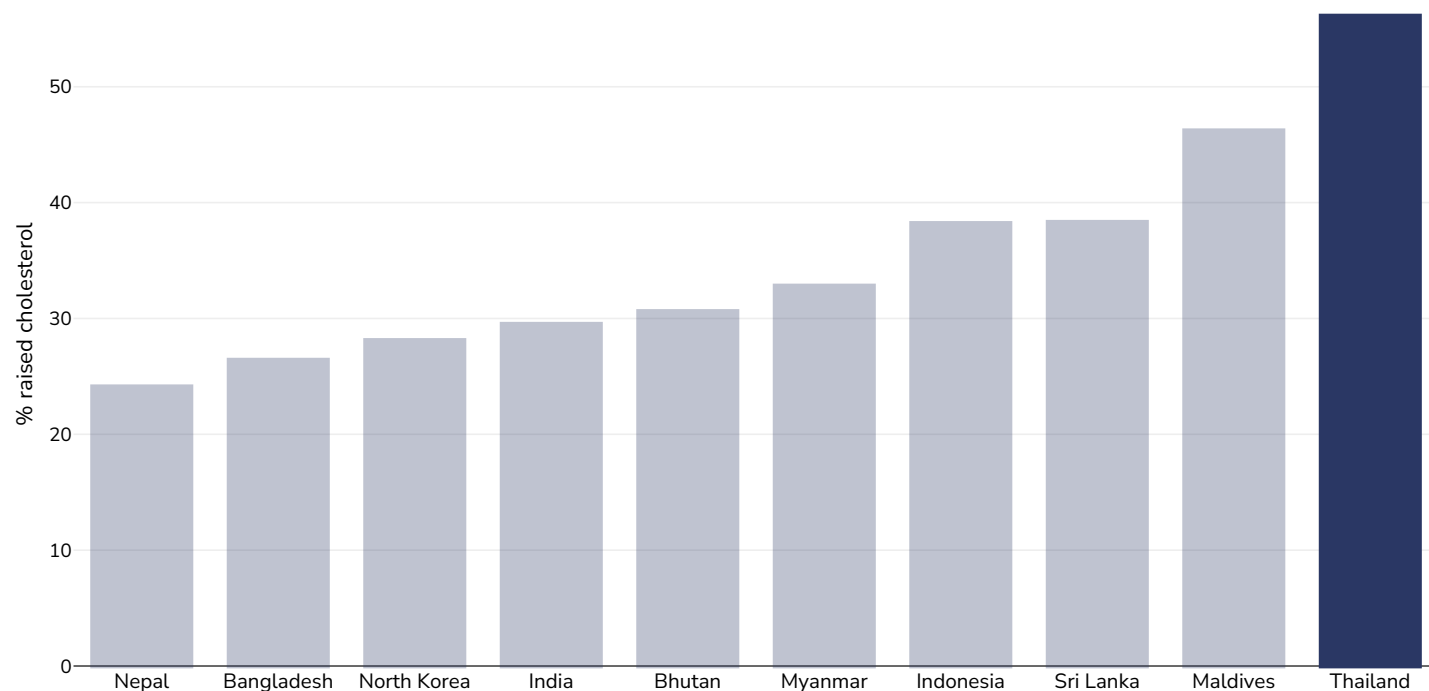
## Men, 2008



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

**Definitions:** % Raised total cholesterol ( $\geq 5.0$  mmol/L) (age-standardized estimate).

## Women, 2008

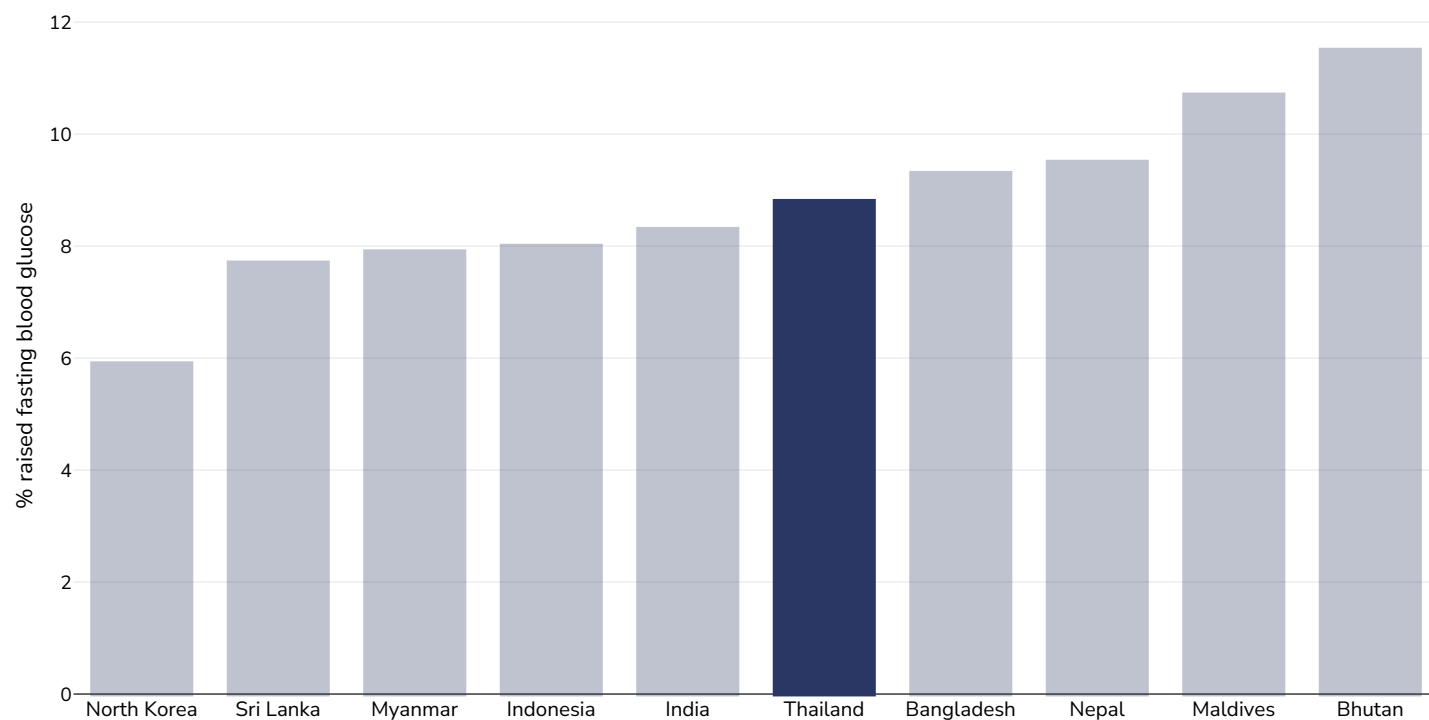


**References:** Global Health Observatory data repository, World Health Organisation, <http://apps.who.int/gho/data/node.main.A885>

**Definitions:** % Raised total cholesterol ( $\geq 5.0$  mmol/L) (age-standardized estimate).

## Raised fasting blood glucose

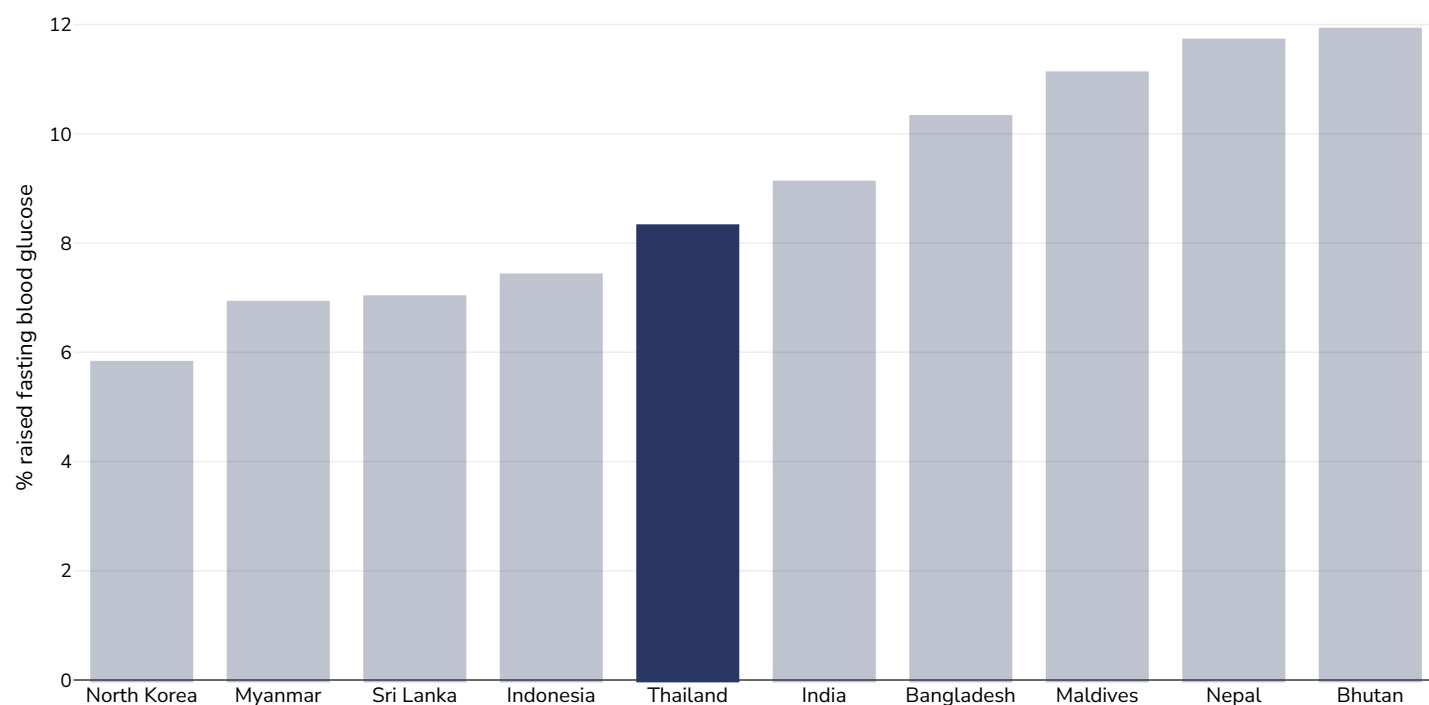
### Men, 2014



**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 ( $\geq 7.0$  mmol/L or on medication).

## Women, 2014

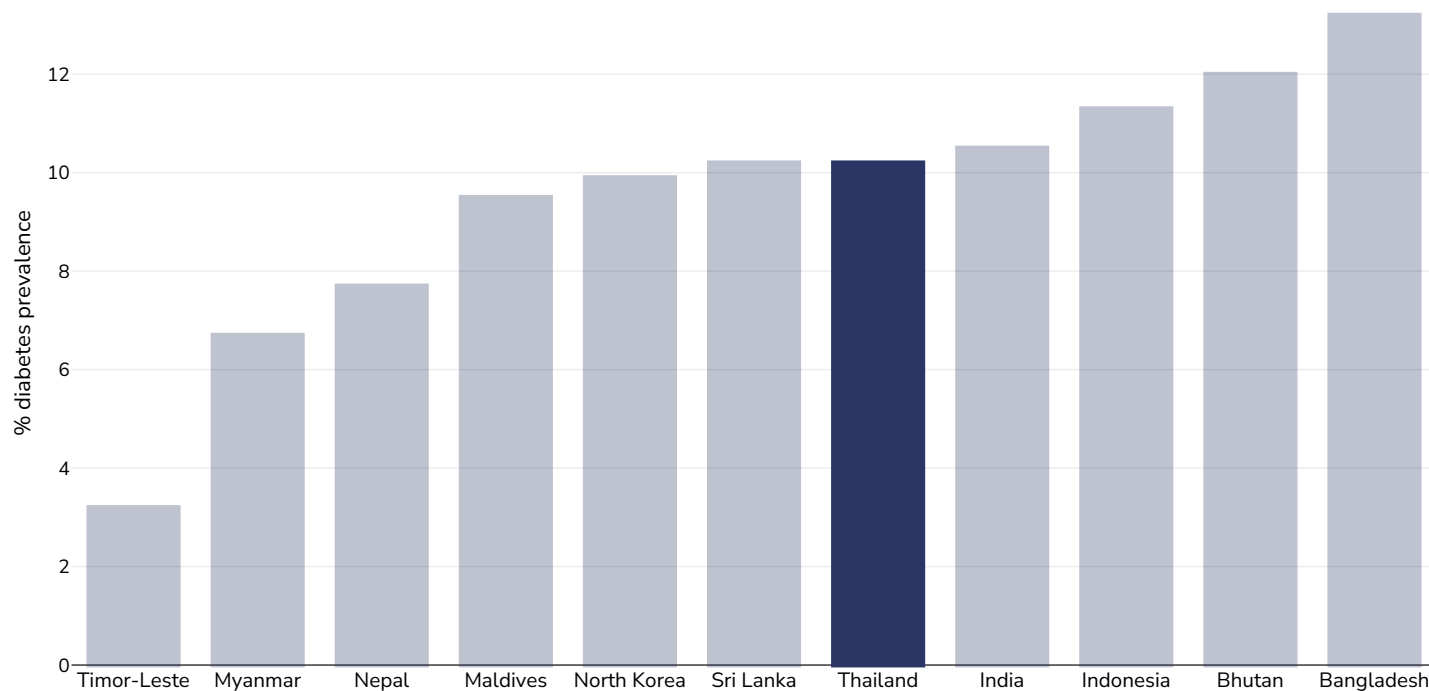


**References:** Global Health Observatory data repository, World Health Organisation, <http://apps.who.int/gho/data/node.main.A869?lang=en>

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

## Diabetes prevalence

Adults, 2024

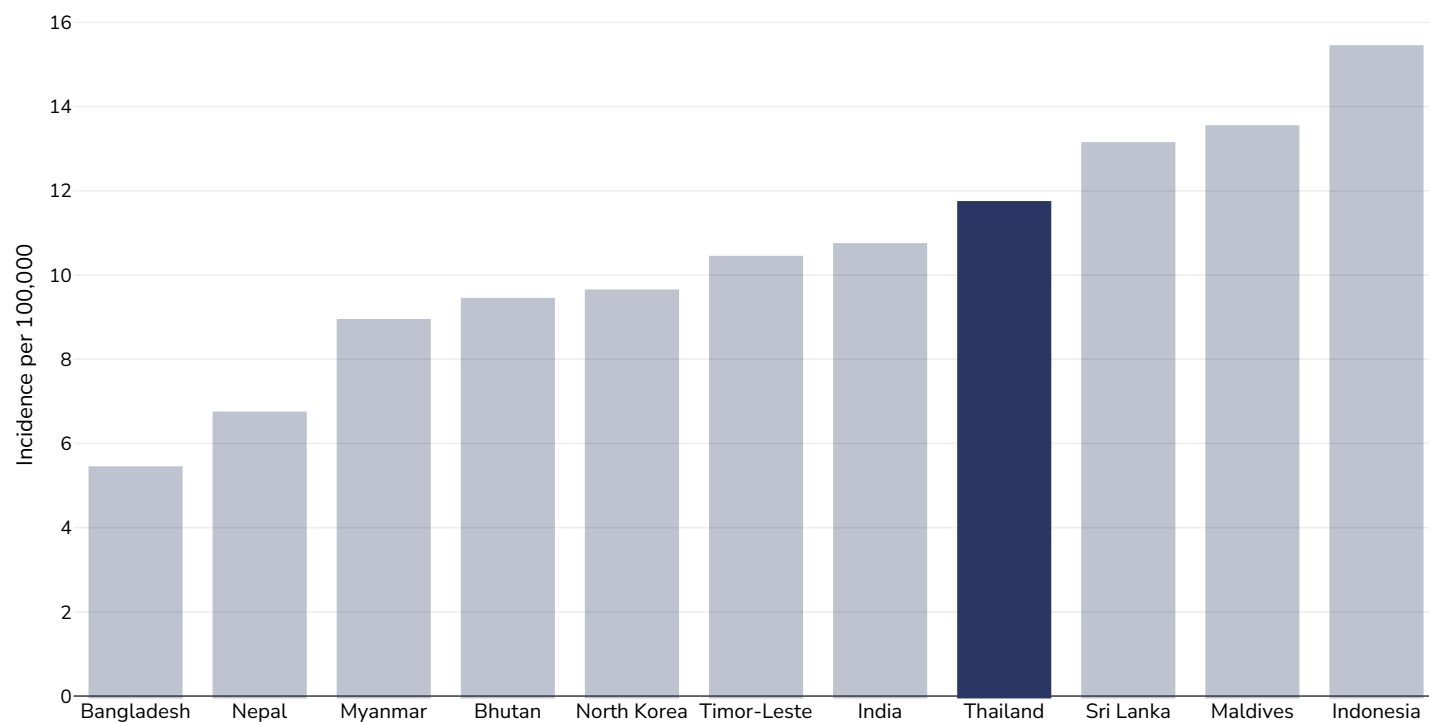


**References:**

Reproduced with kind permission International Diabetes Federation. IDF Diabetes Atlas, 11th edn. Brussels, Belgium:International Diabetes Federation, 2025. <http://www.diabetesatlas.org>

## Ovarian Cancer

### Women, 2022



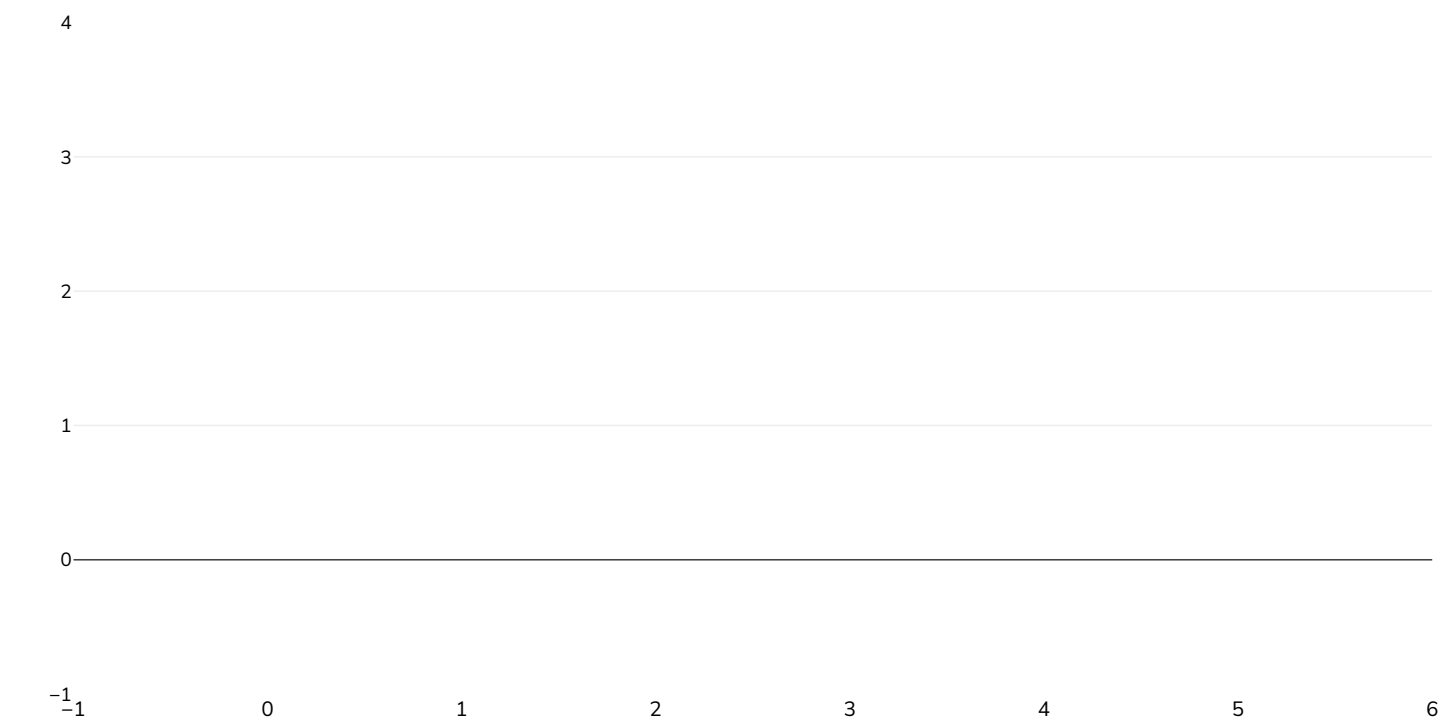
Age: 20+

**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



Age: 20+

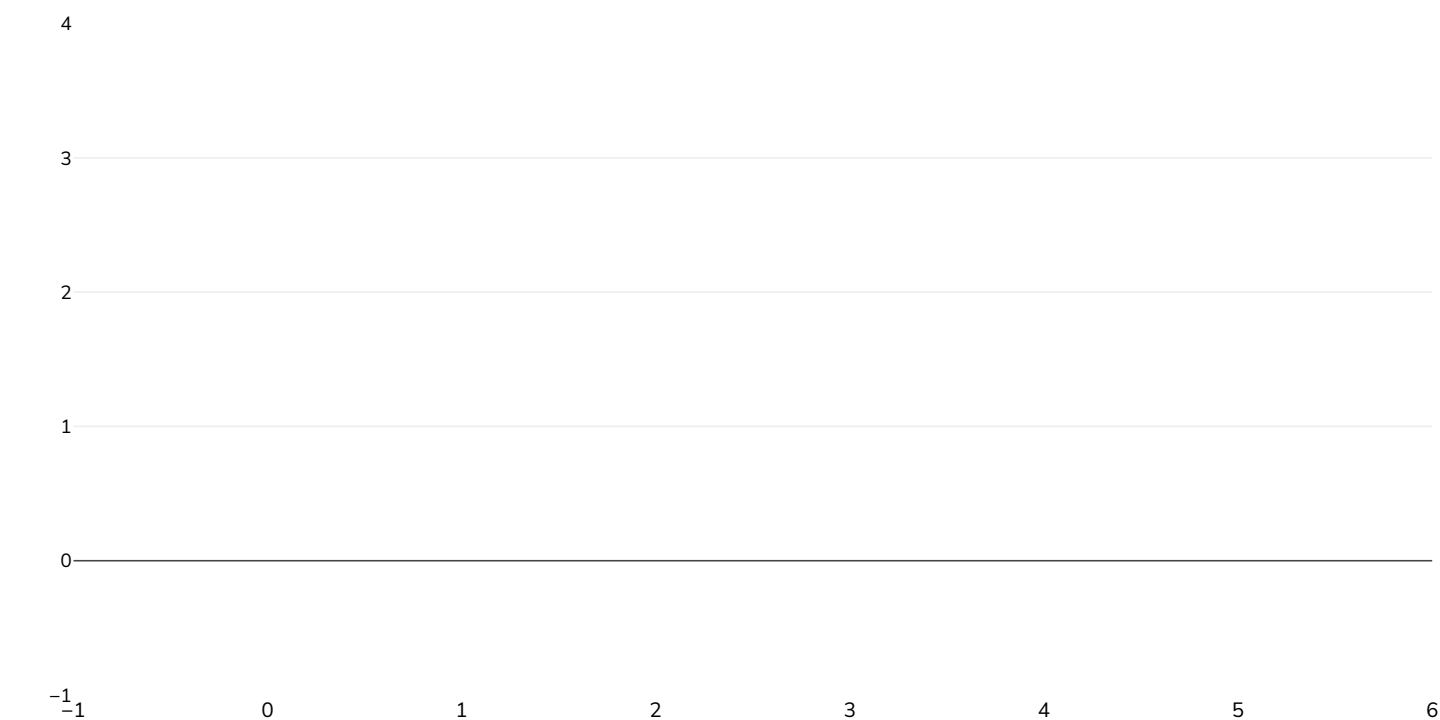
Area covered: National

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<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.

## Women, 2022



Age: 20+

Area covered: National

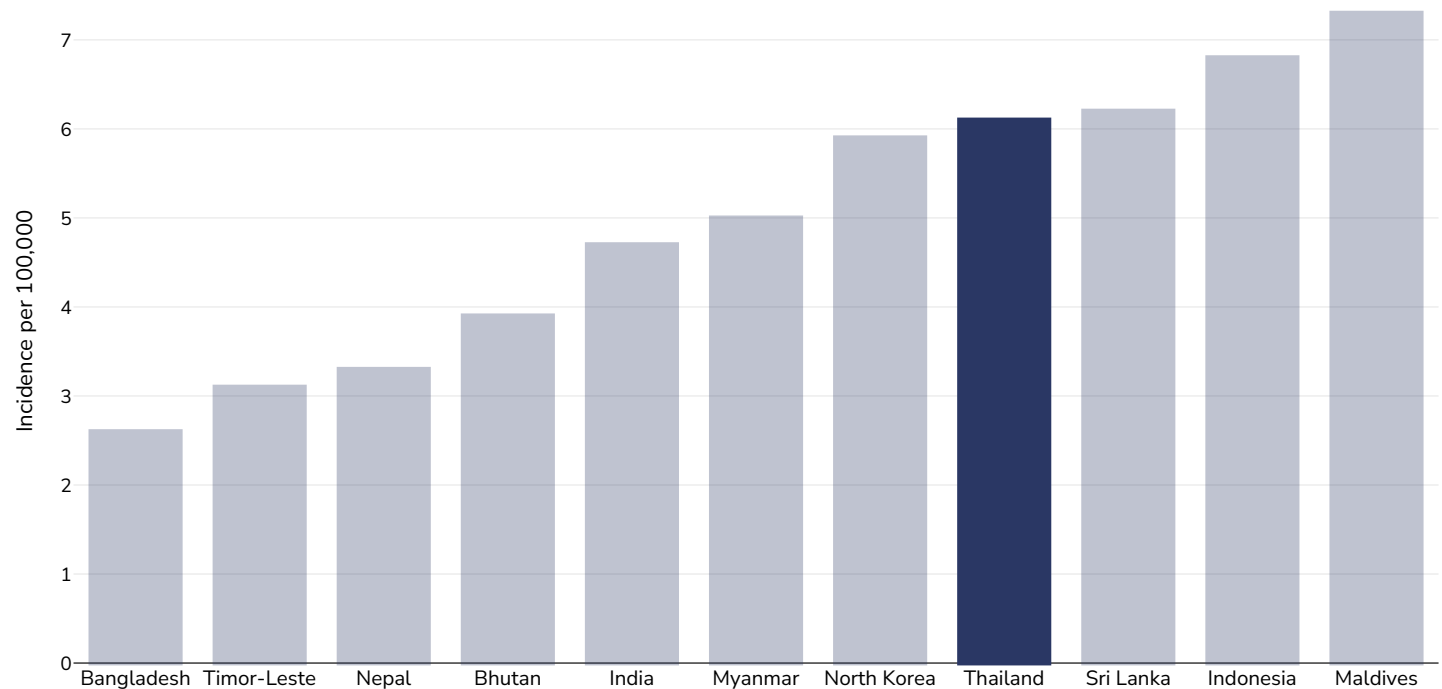
References: Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

*Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.*

## Leukemia

### Men, 2022



Age: 20+

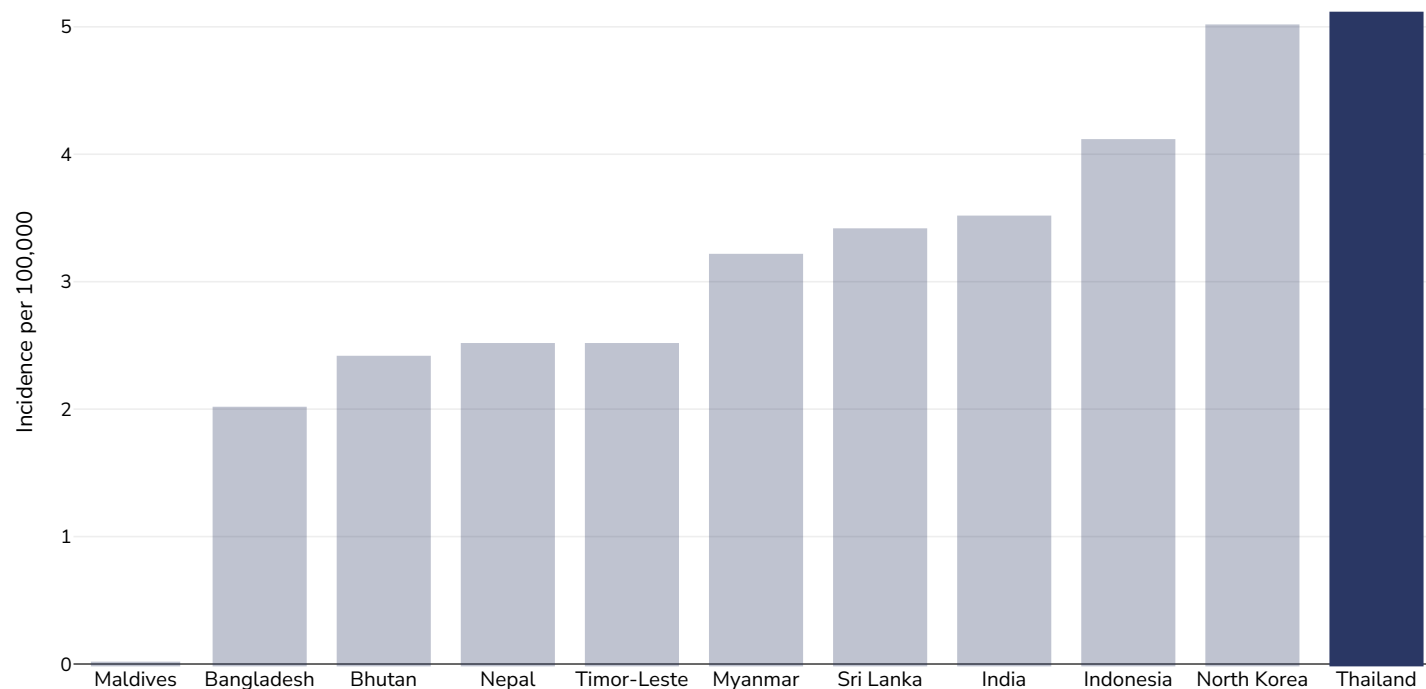
Area covered: National

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<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.

## Women, 2022



**Age:** 20+

**Area covered:** National

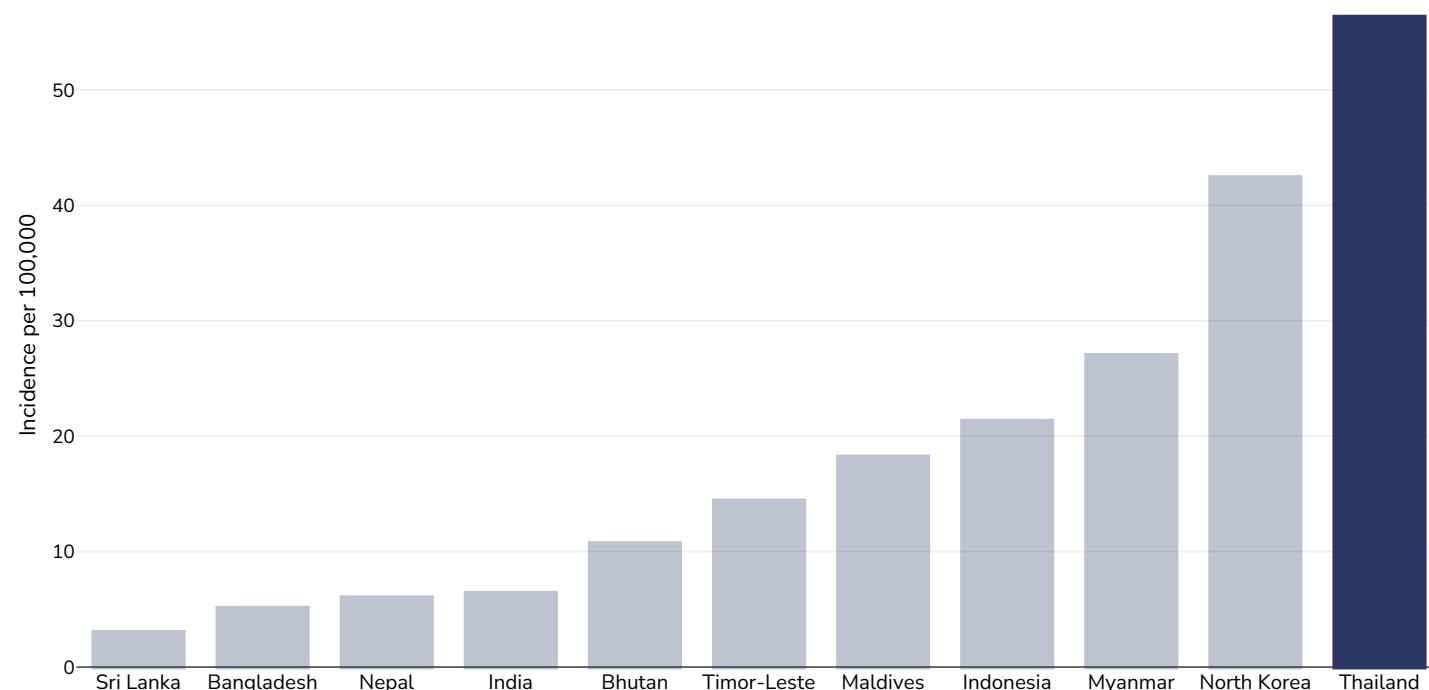
**References:** Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <https://gco.iarc.who.int/today>, accessed [16.07.24]

**Definitions:** Incidence per 100,000

*Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.*

## Liver and intrahepatic bile duct Cancer

Men, 2022



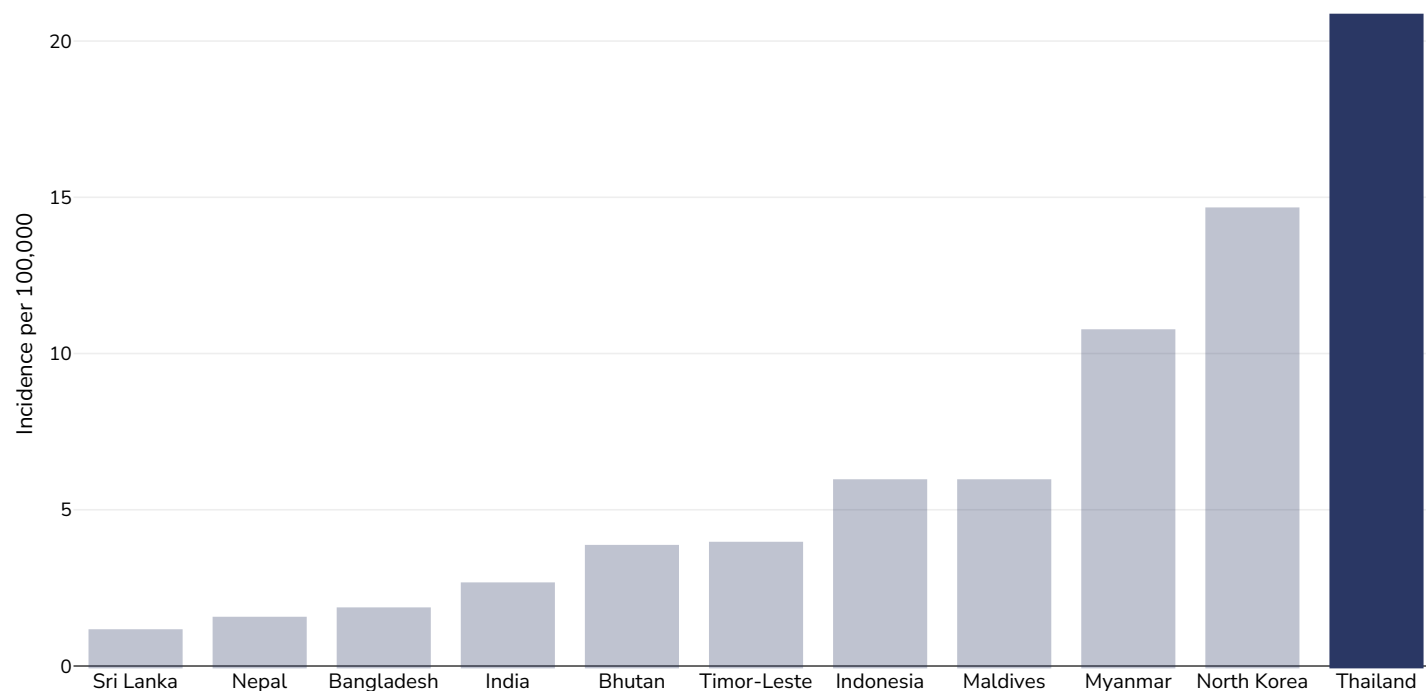
Age: 20+

Area covered: National

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

## Women, 2022



**Age:** 20+

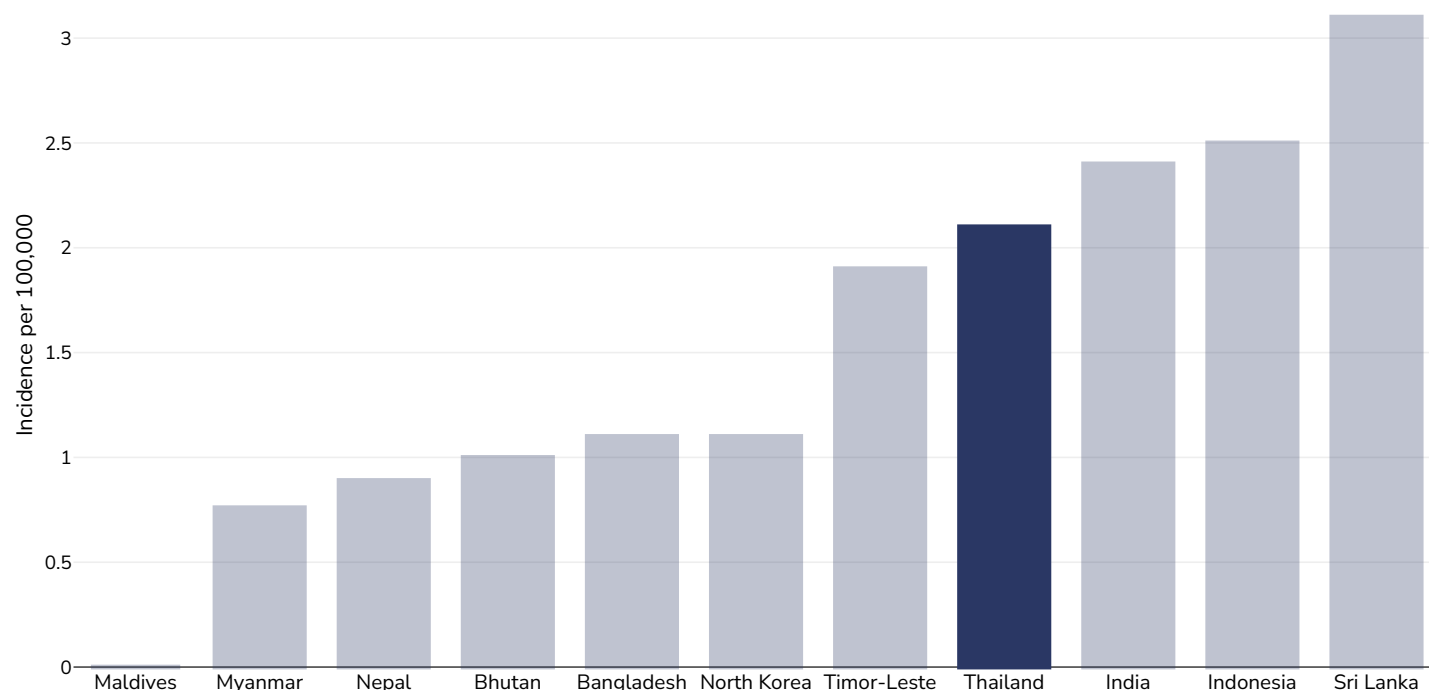
**Area covered:** National

**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+

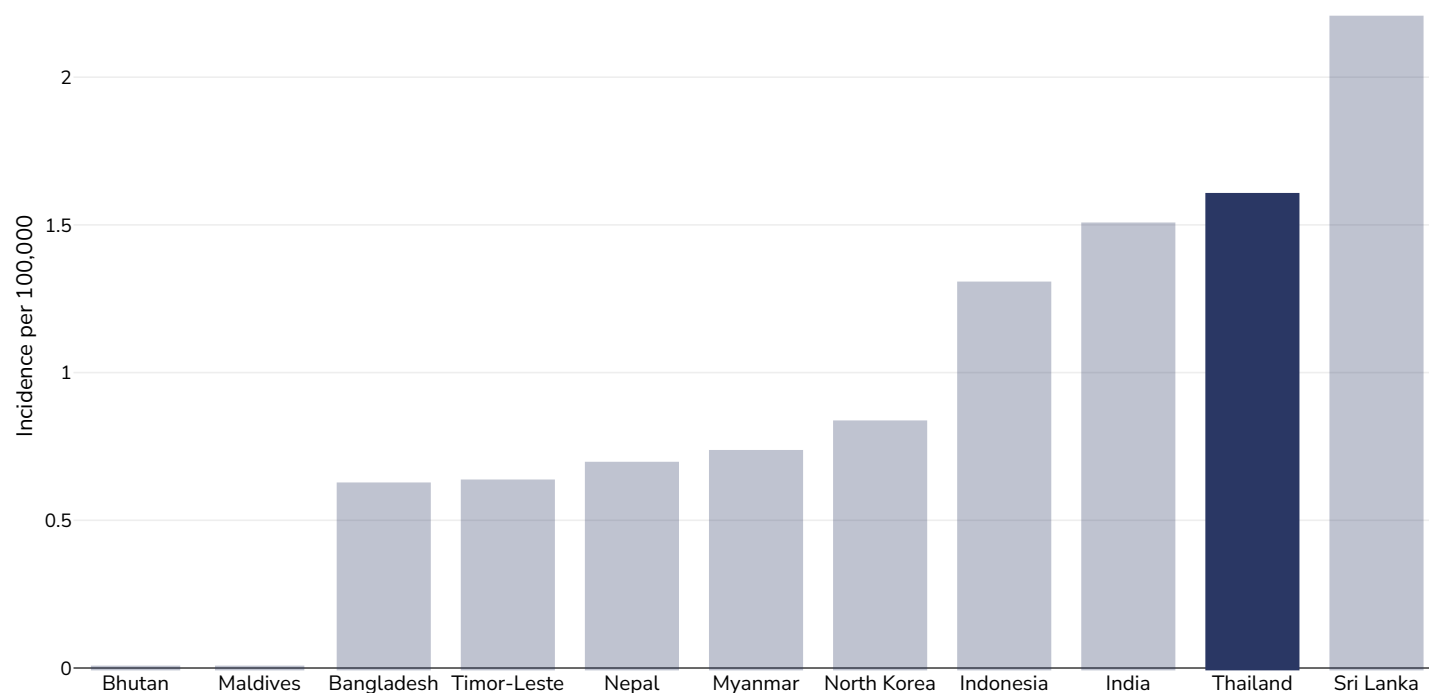
Area covered: National

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<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.

## Women, 2022



Age: 20+

Area covered: National

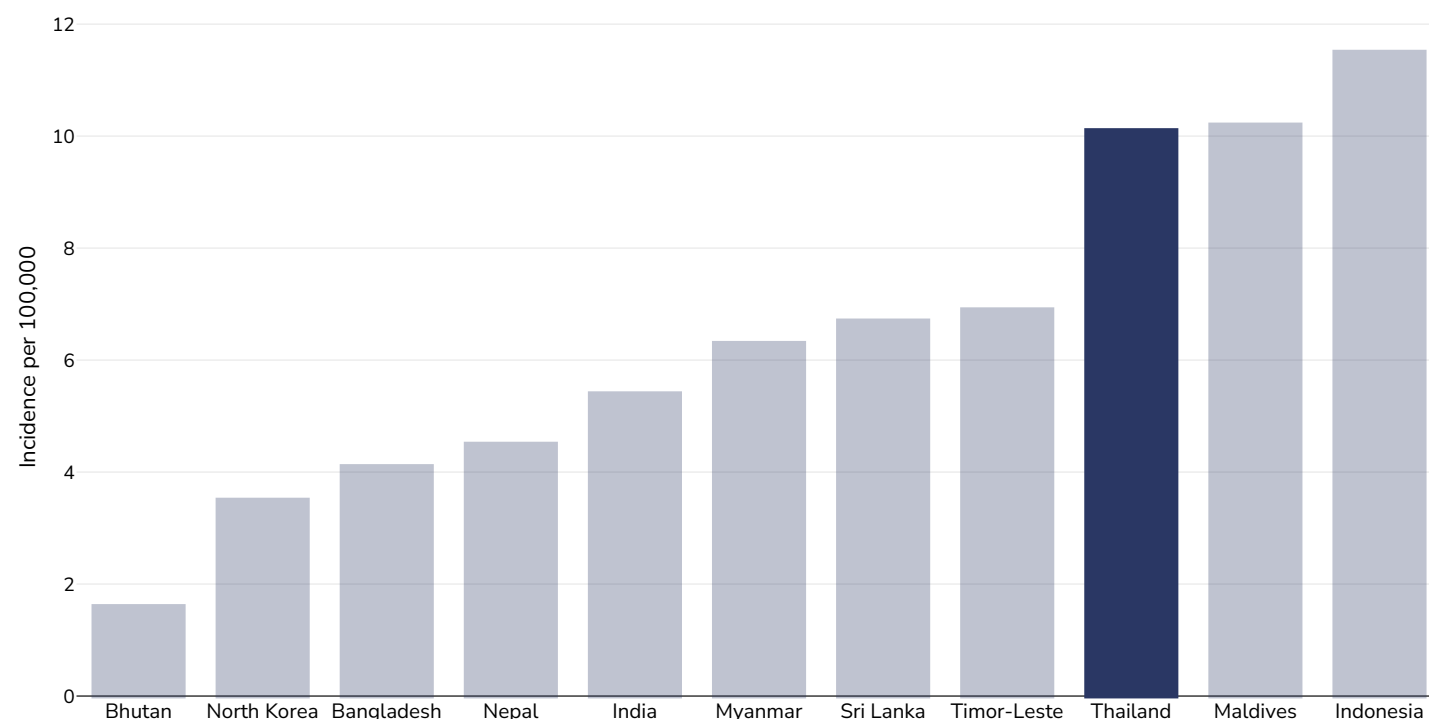
References: Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.

# Non Hodgkin Lymphoma

## Men, 2022



Age: 20+

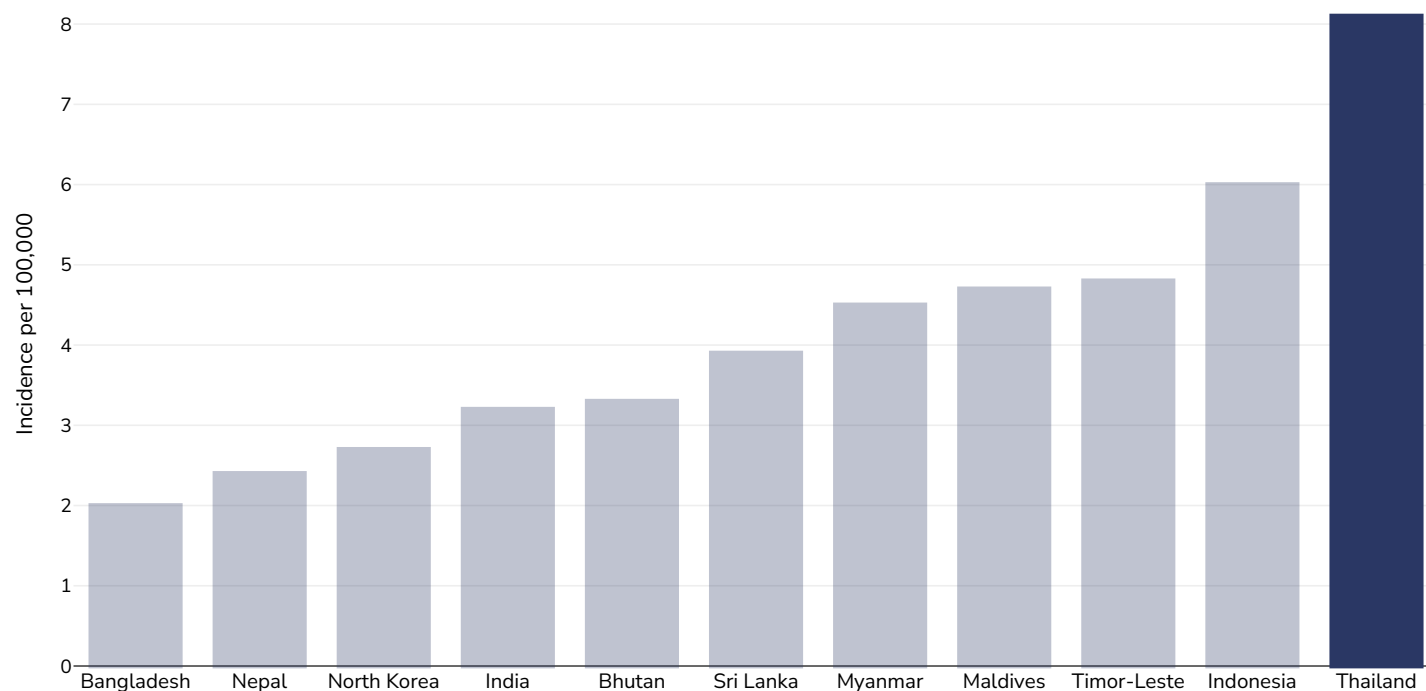
Area covered: National

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<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.

## Women, 2022



Age: 20+

Area covered: National

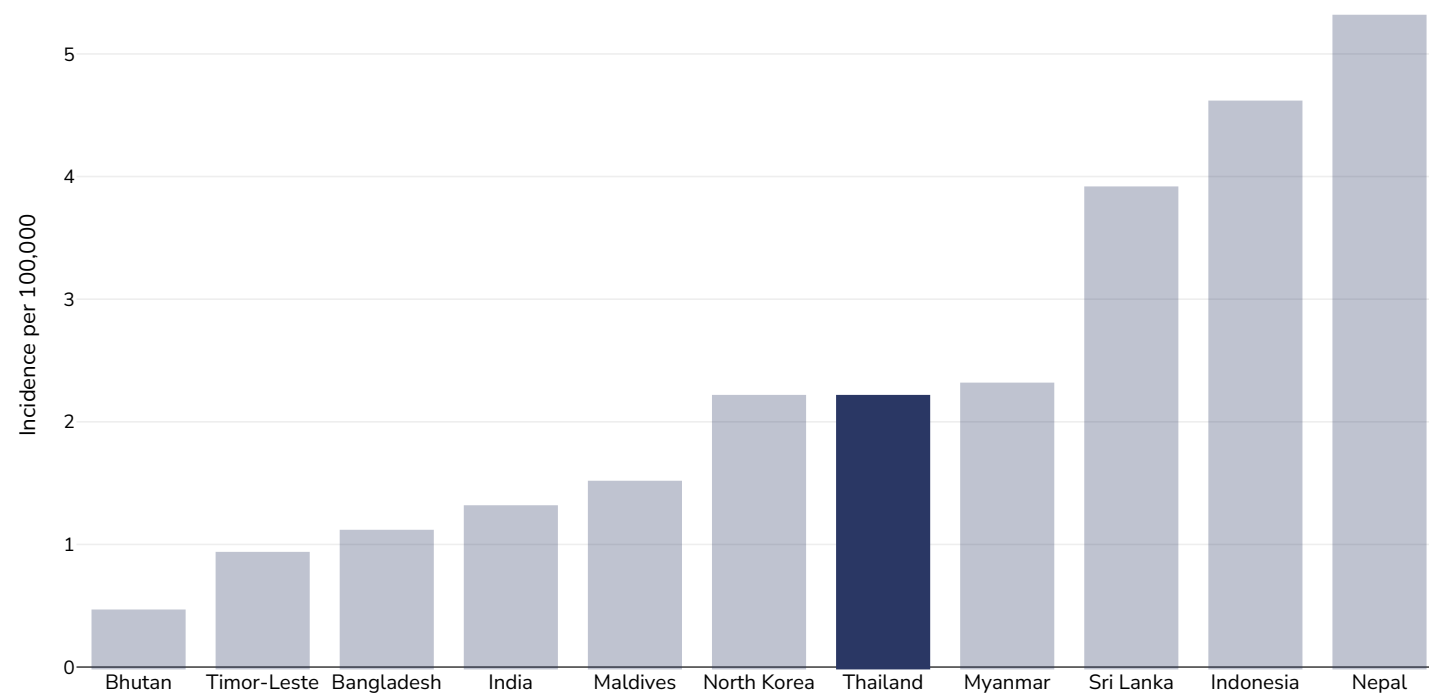
References: Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, Bray F (2024). Global Cancer Observatory: Cancer Today. Lyon, France: International Agency for Research on Cancer. Available from: <https://gco.iarc.who.int/today>, accessed [16.07.24]

Definitions: Incidence per 100,000

*Unless otherwise noted, overweight refers to a BMI between 25kg and 29.9kg/m<sup>2</sup>, obesity refers to a BMI greater than 30kg/m<sup>2</sup>.*

## Thyroid Cancer

### Men, 2022



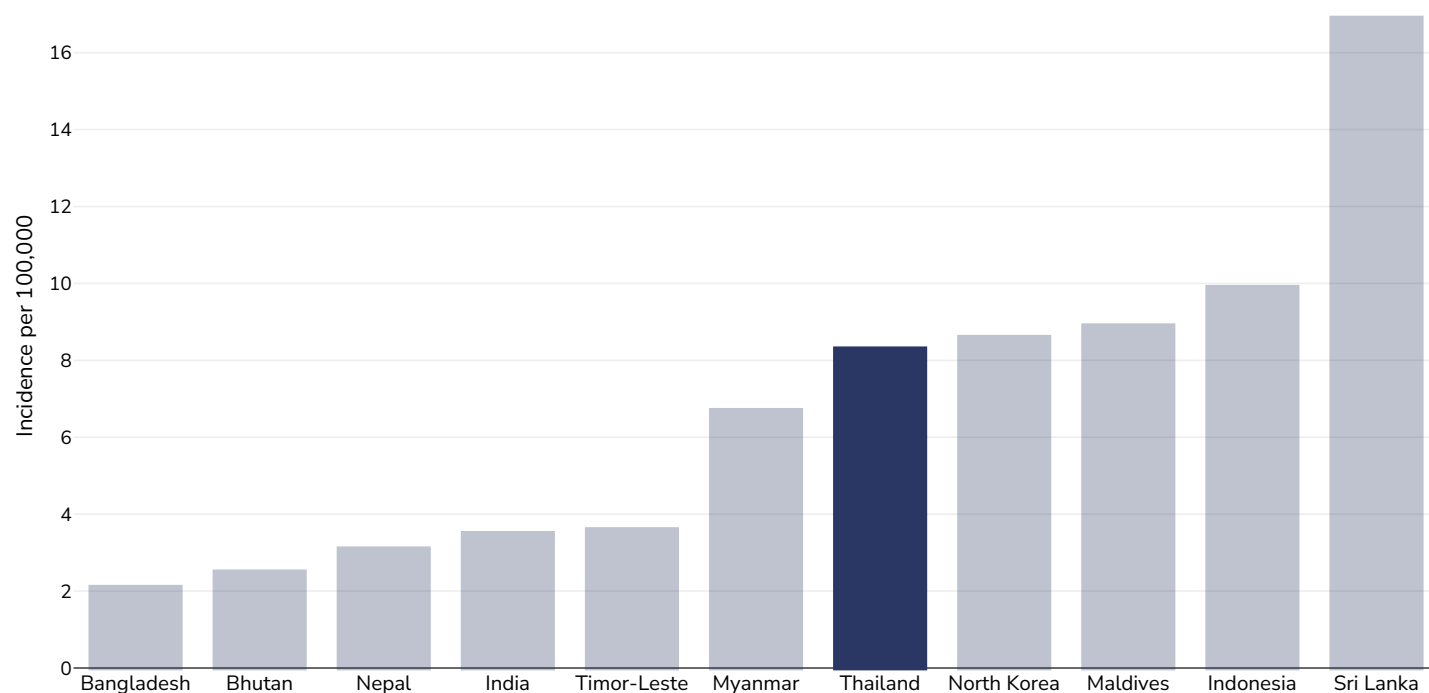
Age: 20+

Area covered: National

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

## Women, 2022



**Age:** 20+

**Area covered:** National

**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

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