

# Afghanistan

## Hypertension profile

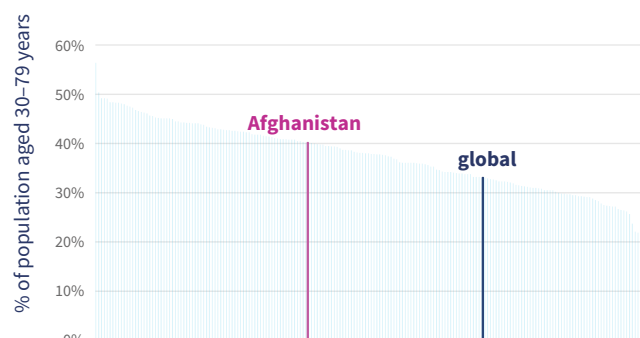
Total population (2019): 37 769 000

Total deaths (2019): 255 000

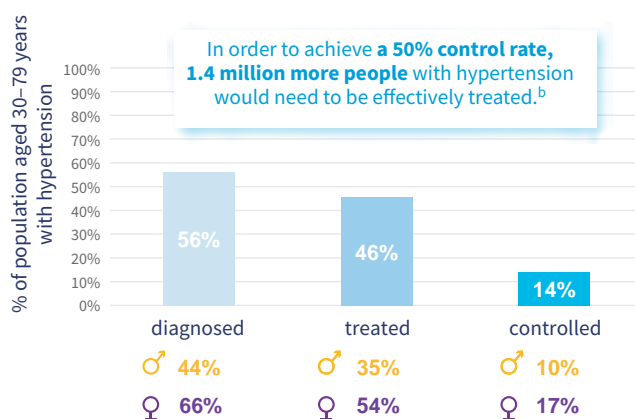
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 40% ♂ 35% ♀ 45%

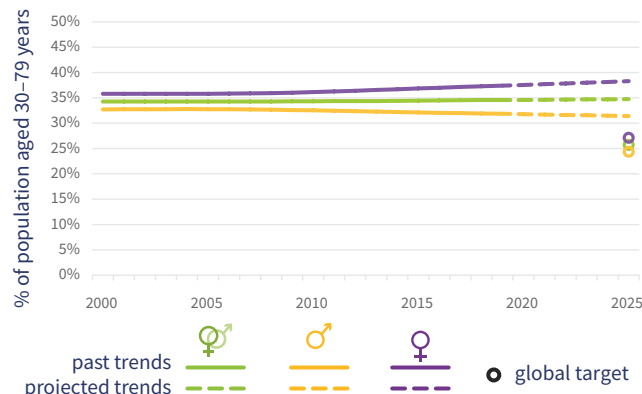
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



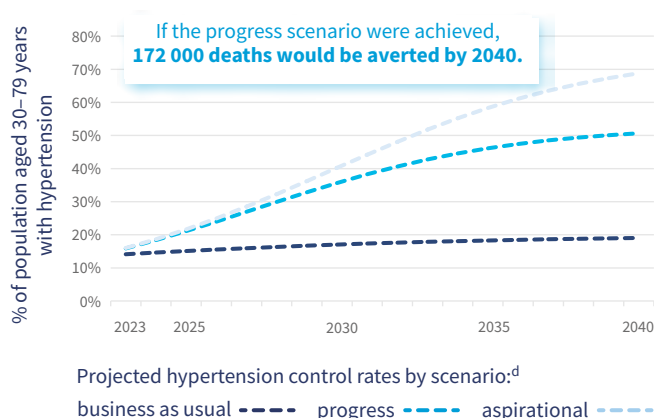
Of the **3.8 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual ——— progress - - - - aspirational - - - -

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	35	34	36	2019
Cardiovascular disease deaths	71 300	33 800	37 500	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	53	52	55	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	7	5	2019
Current tobacco use, adults aged 15+ years (%)	24	40	8	2019
Obesity, adults aged 18+ years (%)	6	3	8	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption



### Treatment

Guidelines for management of hypertension



### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Albania

## Hypertension profile

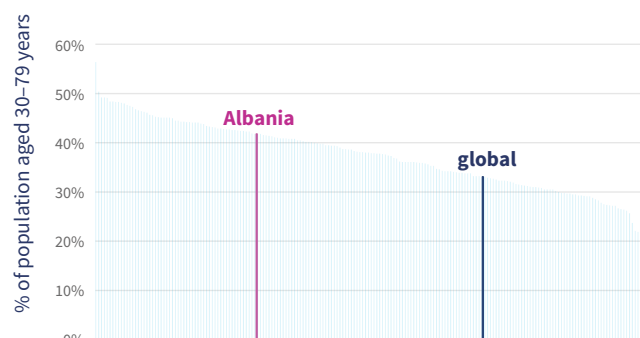
Total population (2019): 2 874 000

Total deaths (2019): 31 200

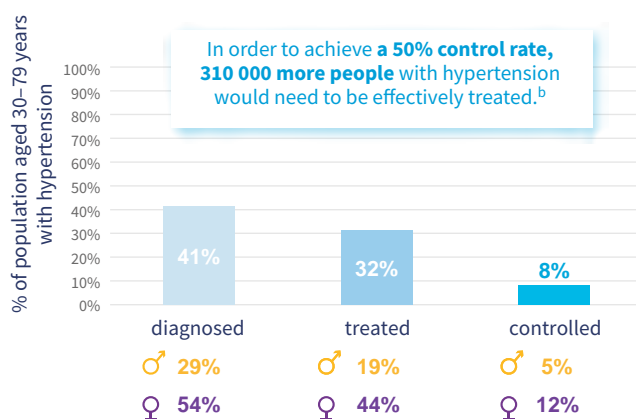
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 42% ♂ 43% ♀ 41%

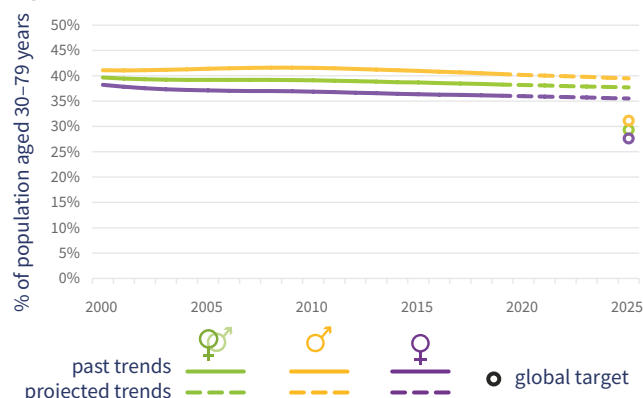
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



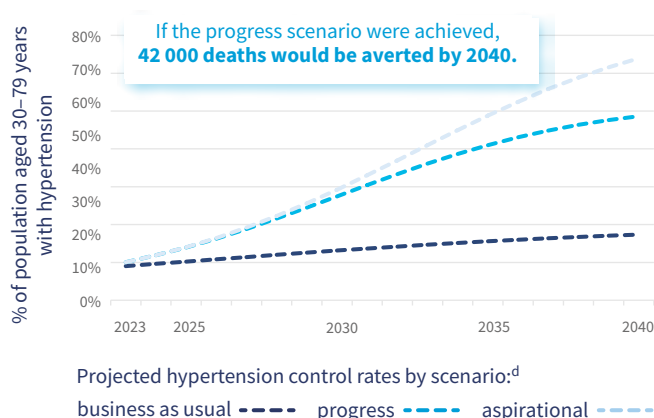
Of the 757 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	11	17	6	2019
Cardiovascular disease deaths	19 500	8300	11 200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	57	57	57	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	13	15	11	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	23	40	6	2019
Obesity, adults aged 18+ years (%)	22	22	22	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	5	8	2	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

✓  
✗  
✓  
✗  
✗  
✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Algeria

## Hypertension profile

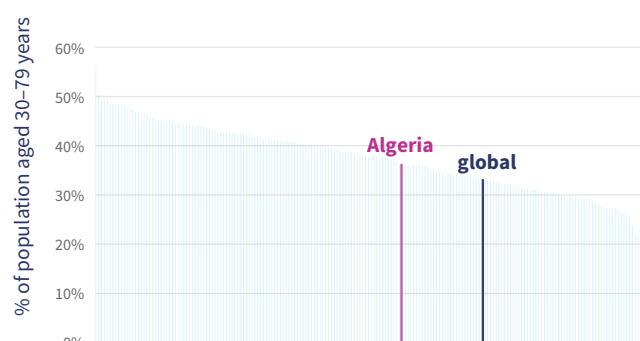
Total population (2019): 42 705 000

Total deaths (2019): 203 000

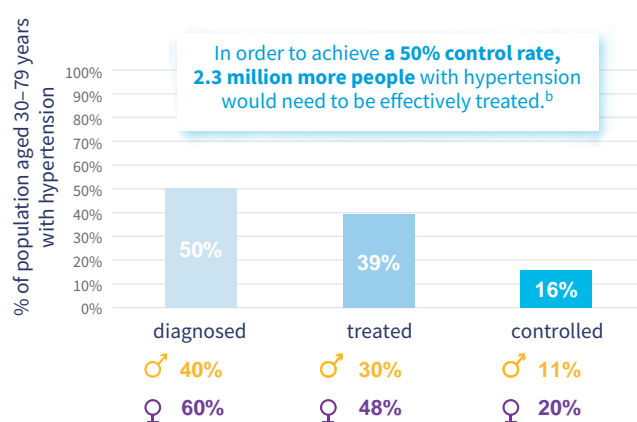
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 36% ♂ 35% ♀ 37%

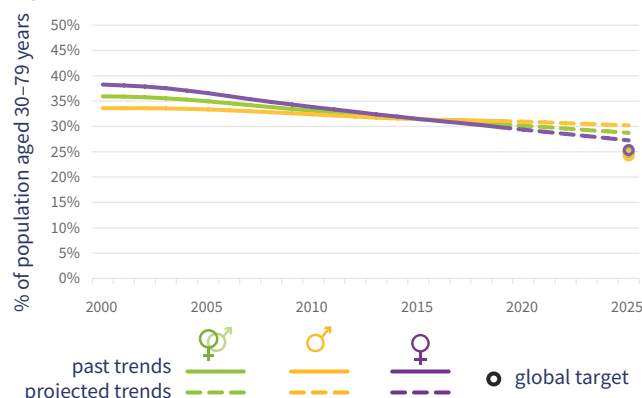
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



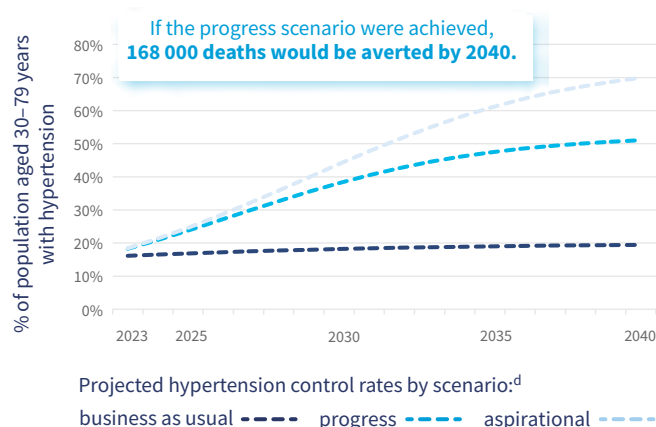
Of the **6.6 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	14	15	13	2019
Cardiovascular disease deaths	91 500	46 500	45 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	55	53	56	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	7	5	2019
Current tobacco use, adults aged 15+ years (%)	21	41	1	2019
Obesity, adults aged 18+ years (%)	27	20	35	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	1	1	0	2019
Physical inactivity, adults aged 18+ years (%)	34	27	40	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Andorra

## Hypertension profile

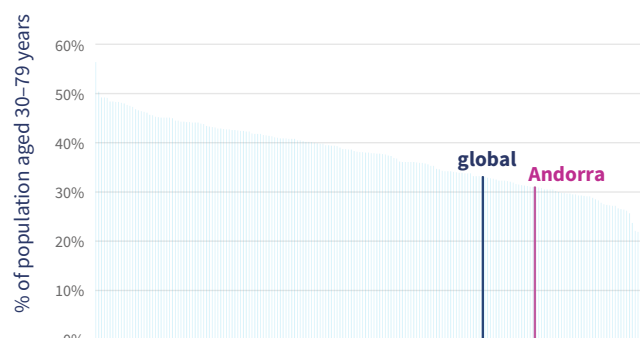
Total population (2019): 76 300

Total deaths (2019): no data

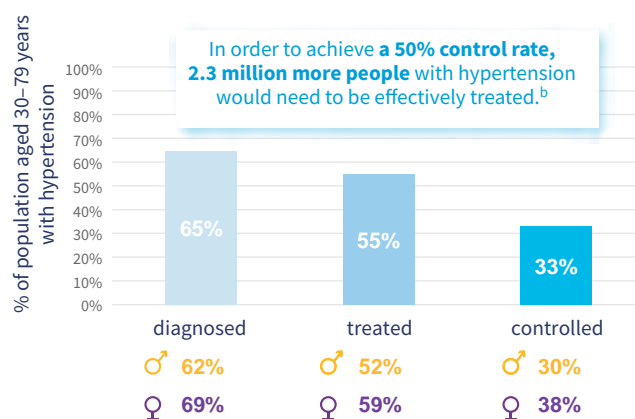
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 31% ♂ 36% ♀ 26%

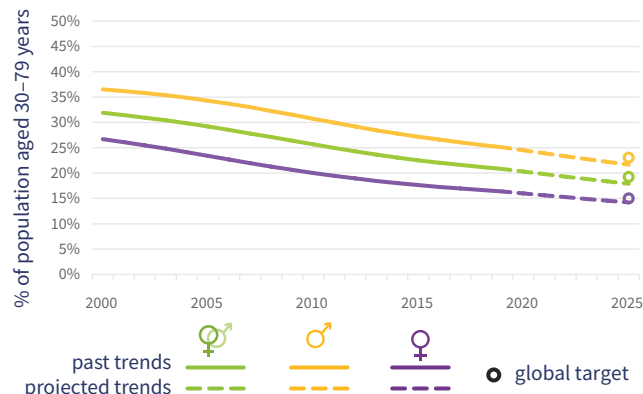
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



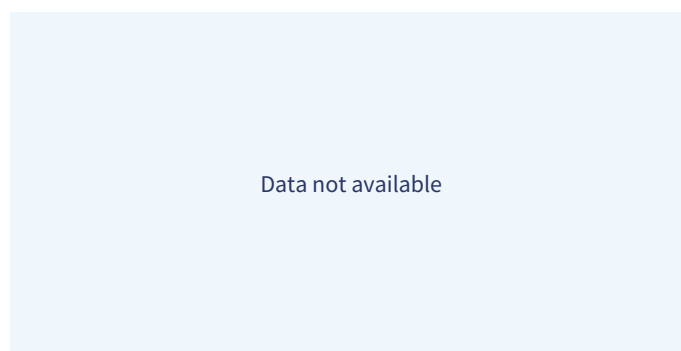
Of the **6.6 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	no data	no data	no data	2019
Cardiovascular disease deaths	no data	no data	no data	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	53	53	53	2019

## Risk factors<sup>d</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	8	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>e</sup>	32	36	28	2019
Obesity, adults aged 18+ years (%)	26	26	25	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	11	17	5	2019
Physical inactivity, adults aged 18+ years (%)	38	37	40	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Age-standardized estimates are presented for all indicators except salt intake. e. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Angola

## Hypertension profile

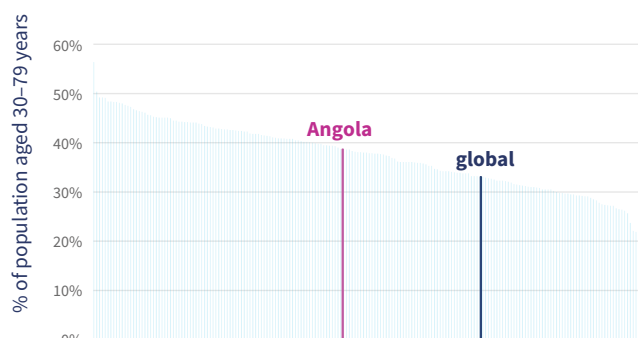
Total population (2019): 32 354 000

Total deaths (2019): 229 000

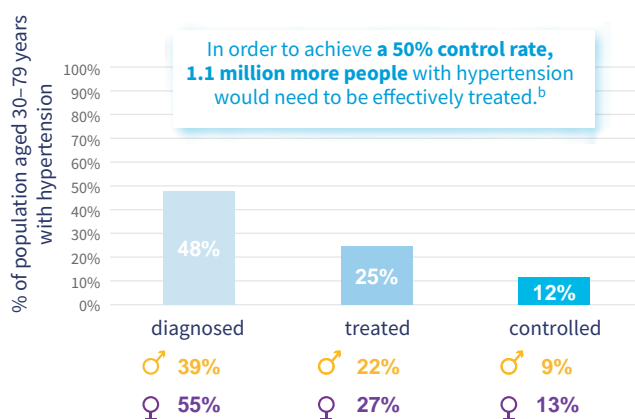
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 39% ♂ 37% ♀ 41%

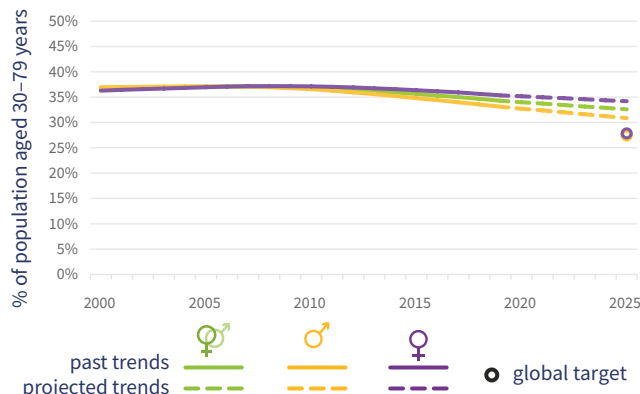
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



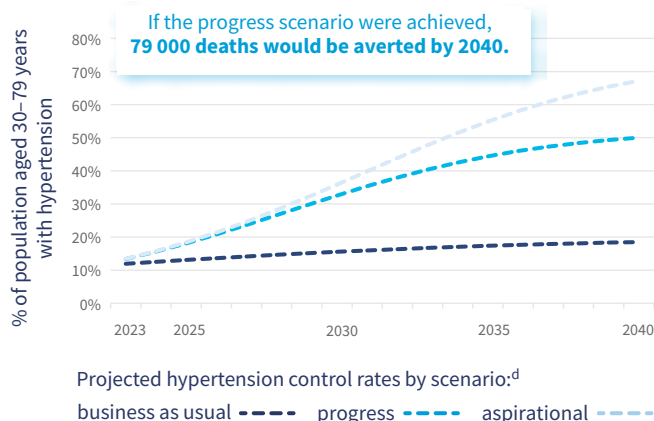
Of the **2.9 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	22	25	19	2019
Cardiovascular disease deaths	27 800	14 500	13 300	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	63	61	66	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	8	4	12	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	6	10	3	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Antigua and Barbuda

## Hypertension profile

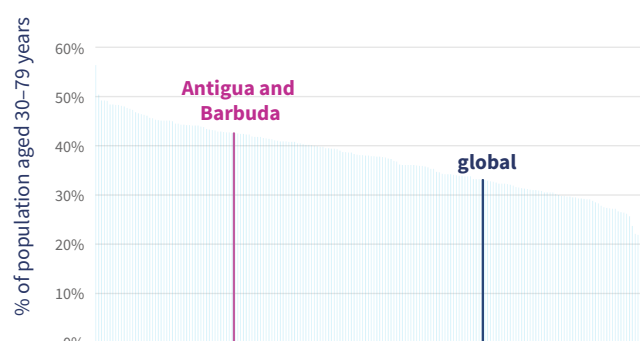
Total population (2019): 92 100

Total deaths (2019): 650

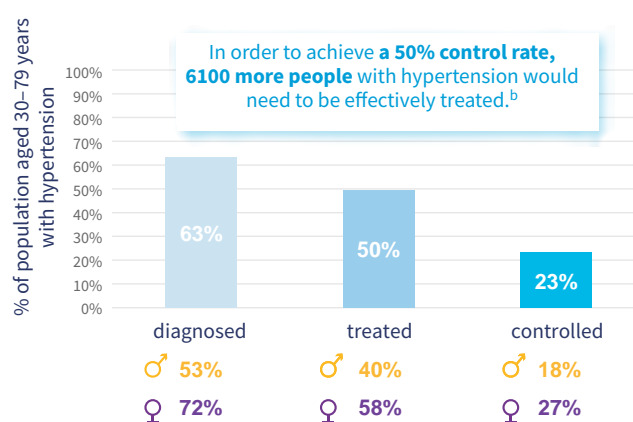
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 43% ♂ 42% ♀ 43%

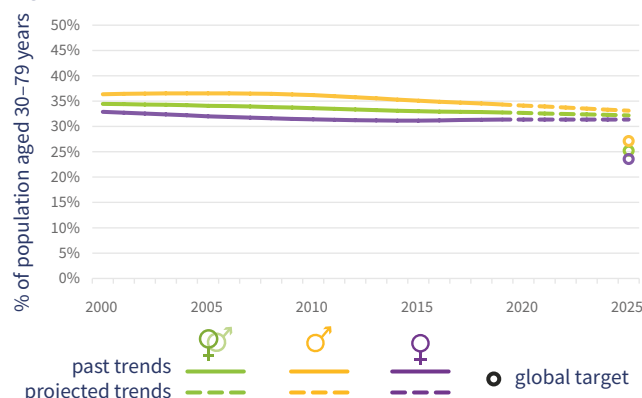
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



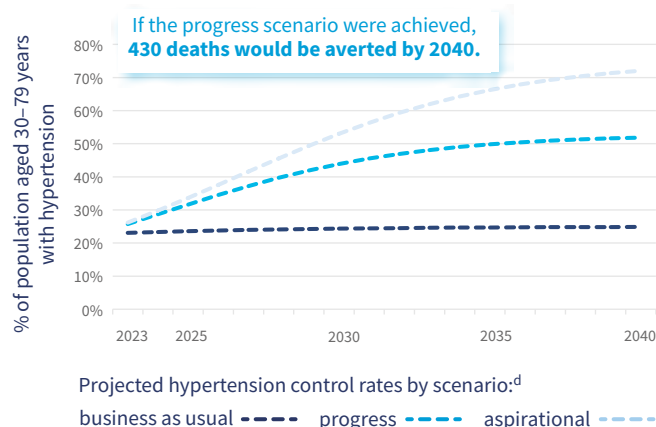
Of the 23 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	18	18	18	2019
Cardiovascular disease deaths	220	110	110	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	54	55	53	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	19	12	26	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	9	14	4	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Argentina

## Hypertension profile

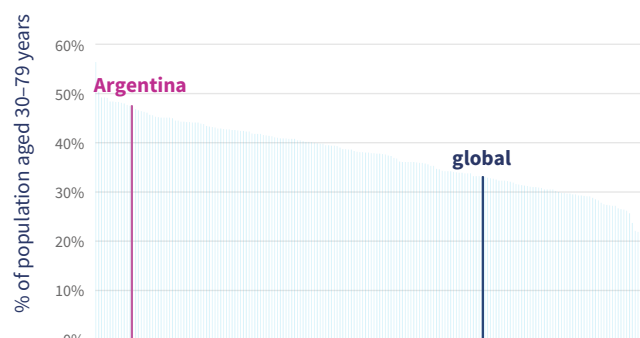
Total population (2019): 44 746 000

Total deaths (2019): 349 000

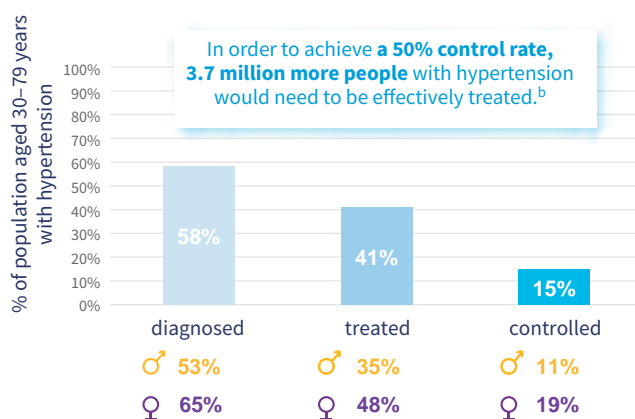
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 48% ♂ 54% ♀ 41%

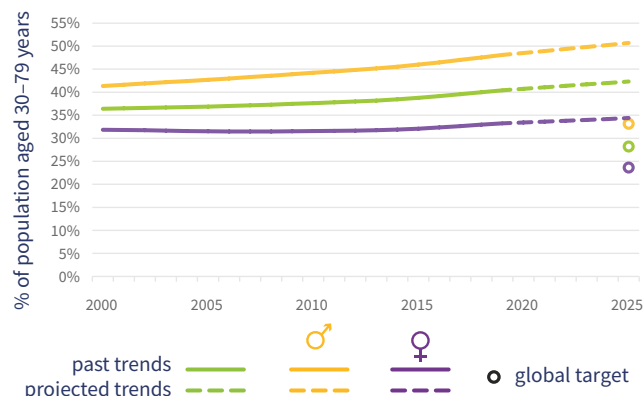
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



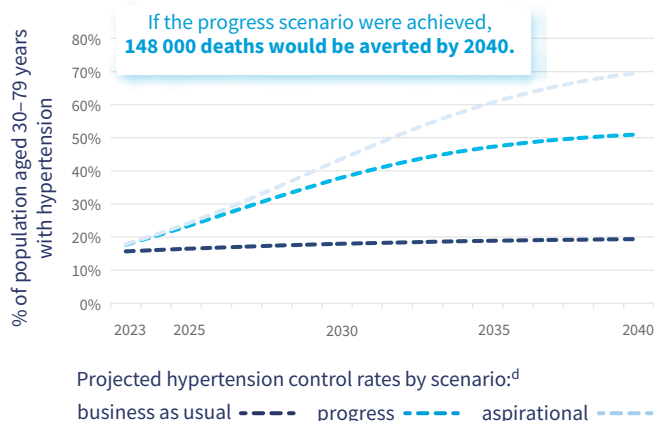
Of the **10.8 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	16	20	12	2019
Cardiovascular disease deaths	98 800	49 200	49 600	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	48	48	48	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	8	2019
Current tobacco use, adults aged 15+ years (%)	25	30	20	2019
Obesity, adults aged 18+ years (%)	28	27	29	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	8	13	4	2019
Physical inactivity, adults aged 18+ years (%)	42	38	45	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.



# Armenia

## Hypertension profile

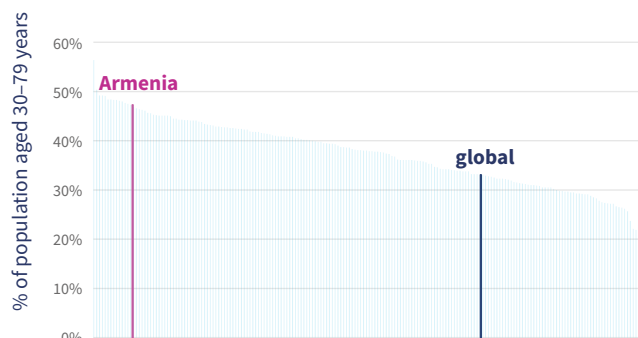
Total population (2019): 2 821 000

Total deaths (2019): 25 400

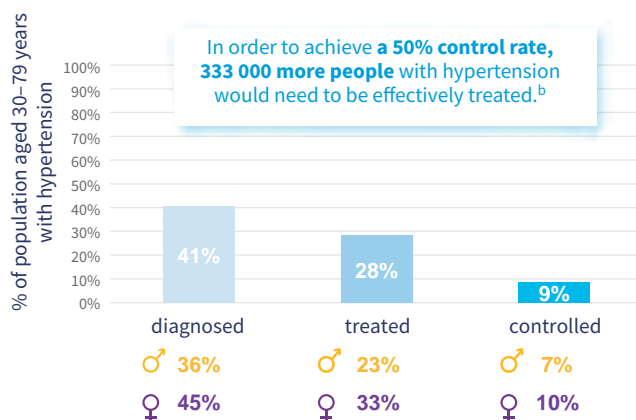
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 47% ♂ 49% ♀ 46%

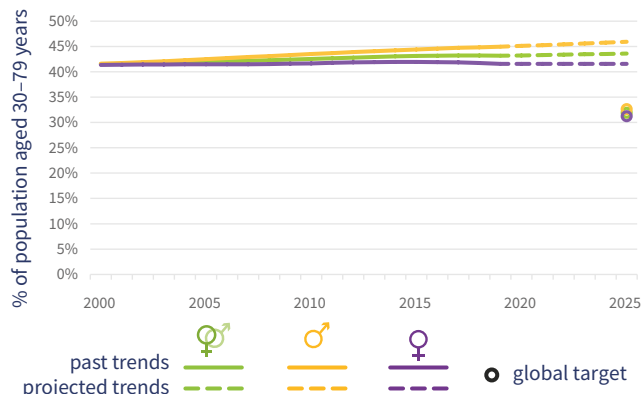
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



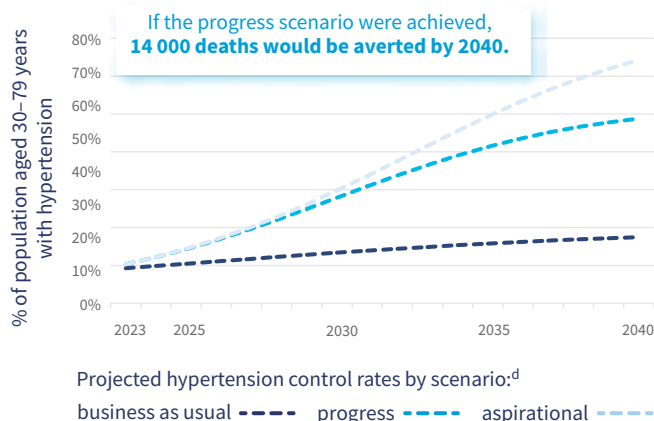
Of the **813 000** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	20	28	13	2019
Cardiovascular disease deaths	13 100	6300	6800	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	56	57	54	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	7	2019
Current tobacco use, adults aged 15+ years (%)	26	50	2	2019
Obesity, adults aged 18+ years (%)	20	17	23	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	5	9	2	2019
Physical inactivity, adults aged 18+ years (%)	23	23	22	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake ✓  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✓

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.



# Australia

## Hypertension profile

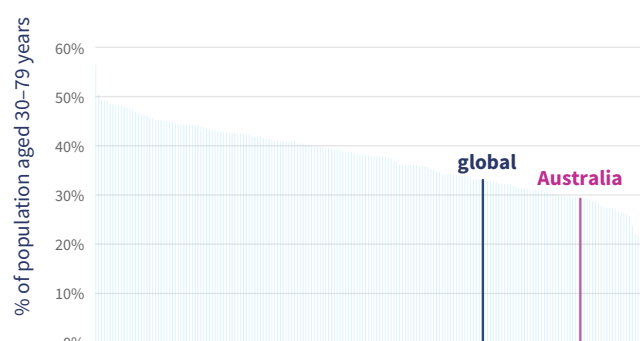
Total population (2019): 25 357 000

Total deaths (2019): 165 000

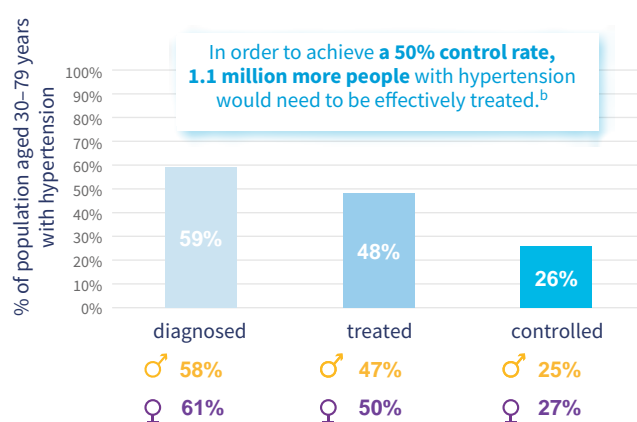
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 29% ♂ 32% ♀ 26%

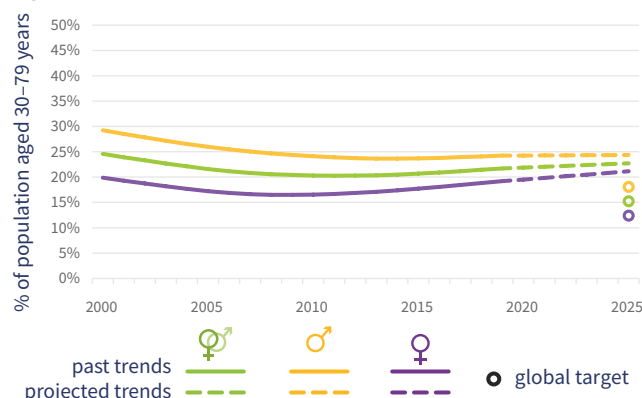
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



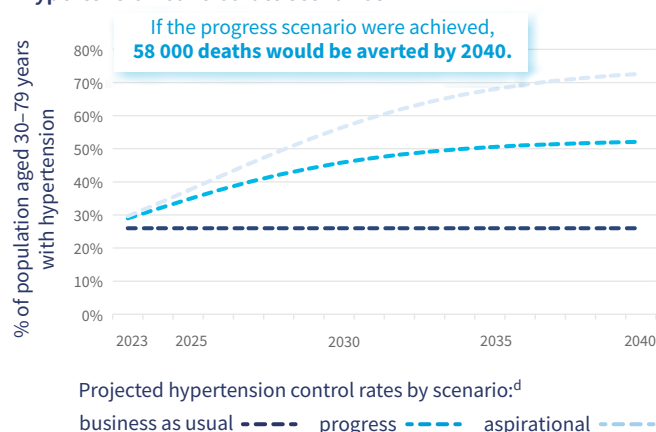
Of the **4.8 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	9	10	7	2019
Cardiovascular disease deaths	42 200	21 200	21 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	43	43	43	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	14	16	12	2019
Obesity, adults aged 18+ years (%)	29	30	28	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	10	16	5	2019
Physical inactivity, adults aged 18+ years (%)	30	27	34	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Austria

## Hypertension profile

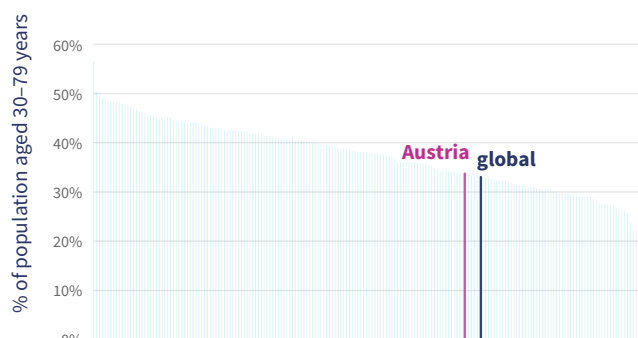
Total population (2019): 8 880 000

Total deaths (2019): 85 000

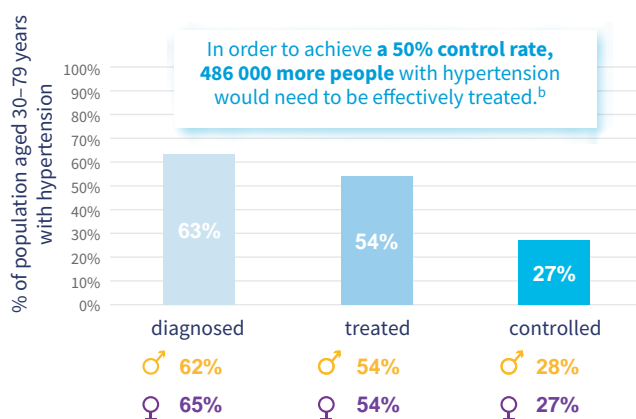
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 34% ♂ 38% ♀ 30%

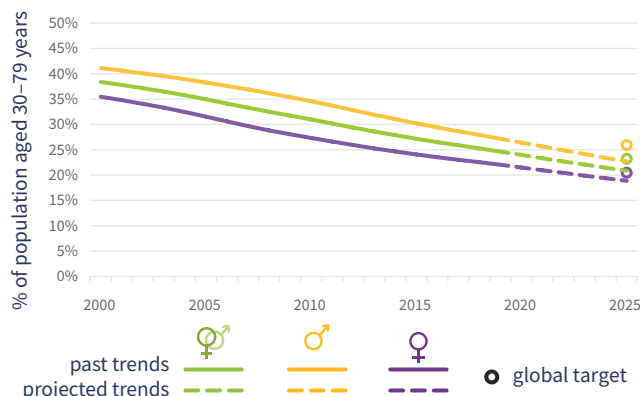
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



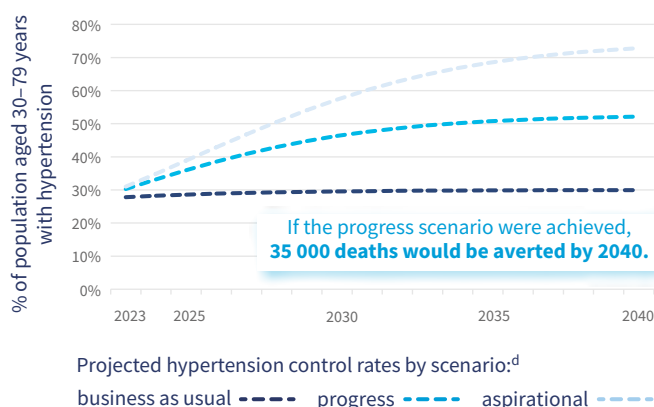
Of the **2.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual --- progress --- aspirational ---

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	10	13	8	2019
Cardiovascular disease deaths	33 100	14 800	18 200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	53	52	53	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	9	8	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	27	29	26	2019
Obesity, adults aged 18+ years (%)	20	22	18	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	12	19	5	2019
Physical inactivity, adults aged 18+ years (%)	30	26	34	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

✗  
✗

✗

✓

✗

✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Azerbaijan

## Hypertension profile

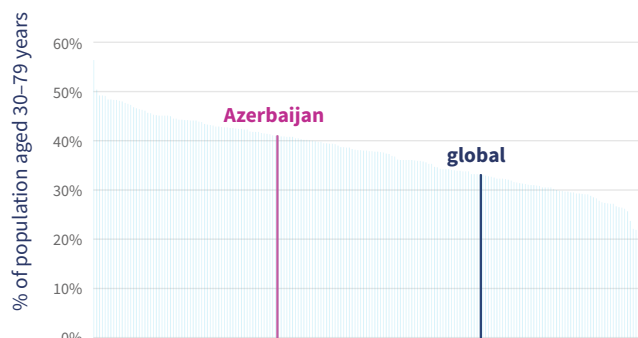
Total population (2019): 10 233 000

Total deaths (2019): 82 200

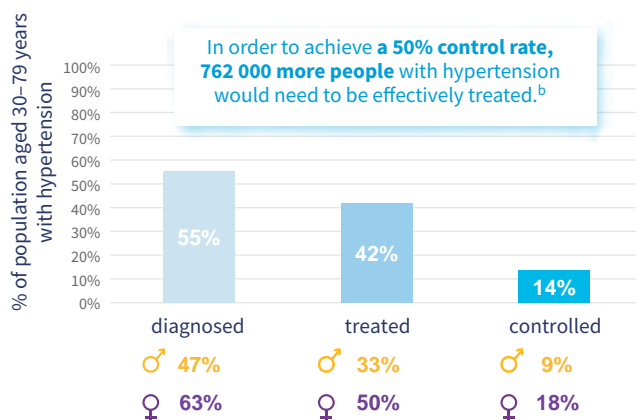
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 41% ♂ 40% ♀ 42%

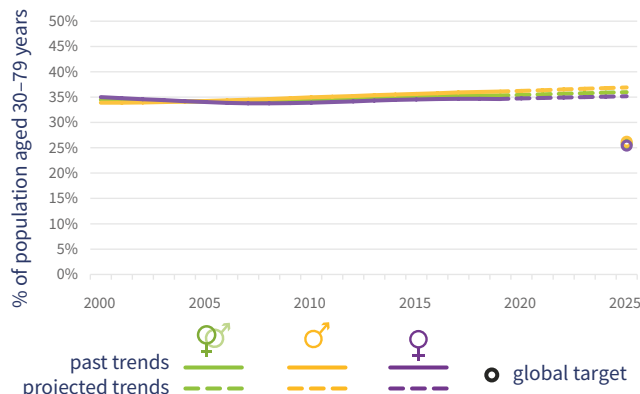
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



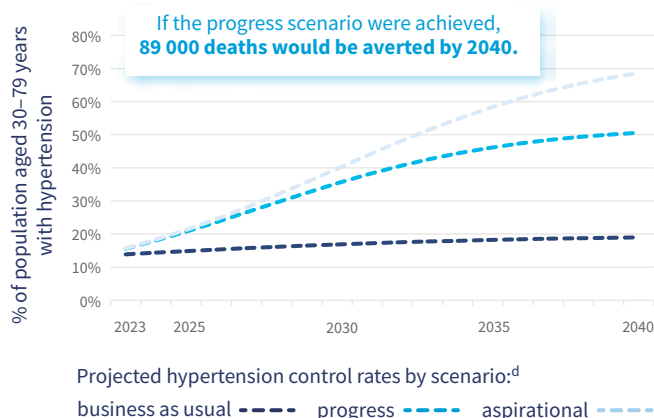
Of the 2.1 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	27	34	20	2019
Cardiovascular disease deaths	51 300	25 200	26 100	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	55	56	54	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	7	2019
Current tobacco use, adults aged 15+ years (%)	24	48	0	2019
Obesity, adults aged 18+ years (%)	20	16	24	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	4	1	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake ✓  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✗

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Bahamas

## Hypertension profile

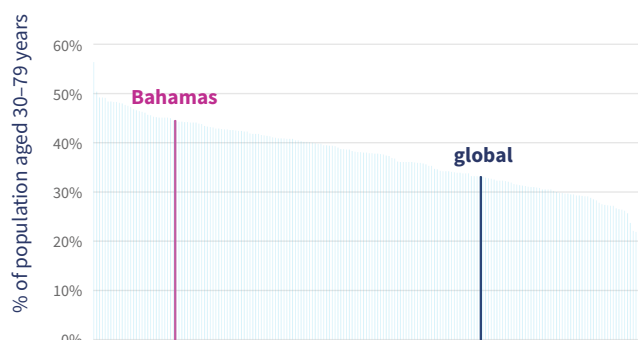
Total population (2019): 405 000

Total deaths (2019): 2670

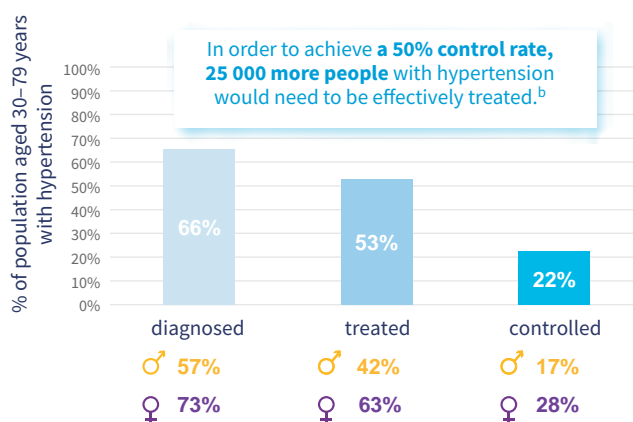
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 45% ♂ 46% ♀ 44%

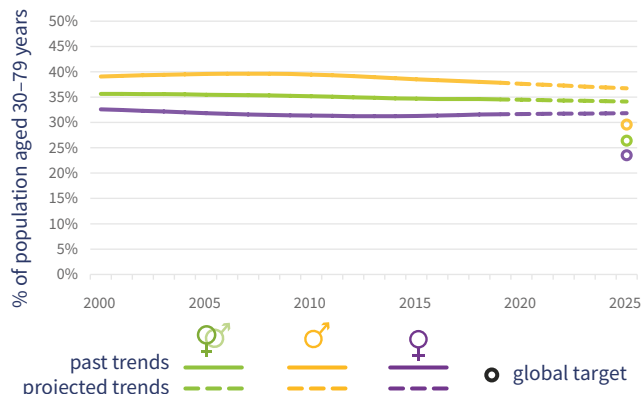
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



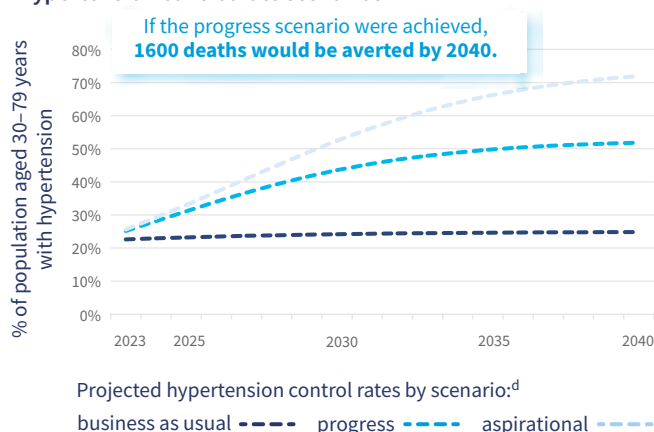
Of the 90 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	20	24	17	2019
Cardiovascular disease deaths	890	490	400	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	60	61	59	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%)	11	19	3	2019
Obesity, adults aged 18+ years (%)	32	24	38	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	4	7	2	2019
Physical inactivity, adults aged 18+ years (%)	43	30	56	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Bahrain

## Hypertension profile

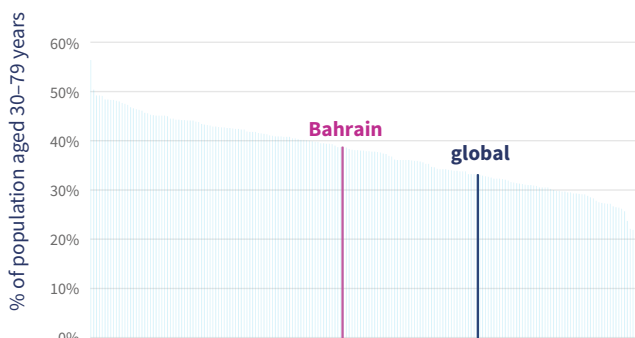
Total population (2019): 1 494 000

Total deaths (2019): 4620

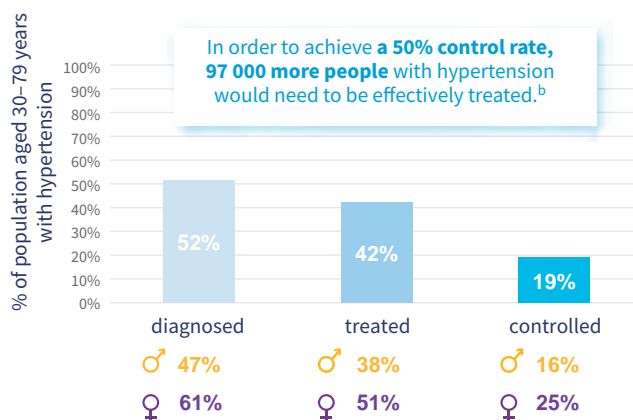
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 39% ♂ 40% ♀ 35%

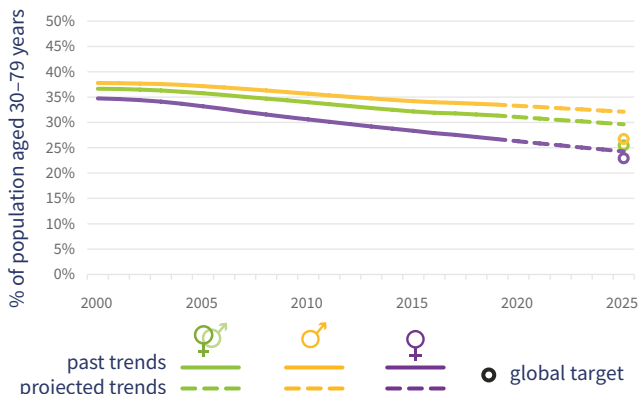
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



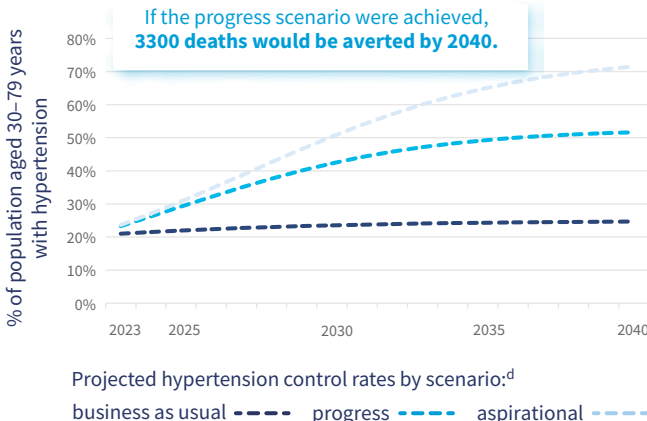
Of the **282 000** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	16	16	15	2019
Cardiovascular disease deaths	1400	910	540	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	56	56	57	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	7	5	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	15	26	5	2019
Obesity, adults aged 18+ years (%)	30	26	37	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	2	0	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Bangladesh

## Hypertension profile

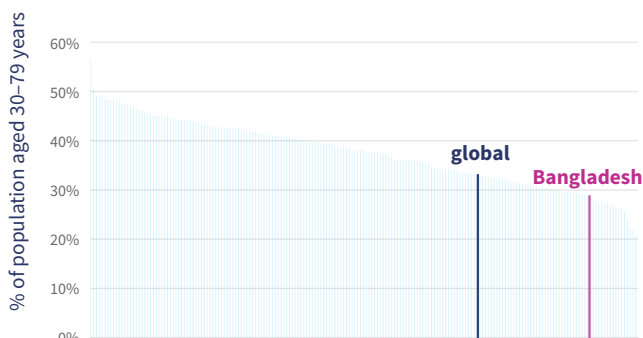
Total population (2019): 165 500 000

Total deaths (2019): 793 000

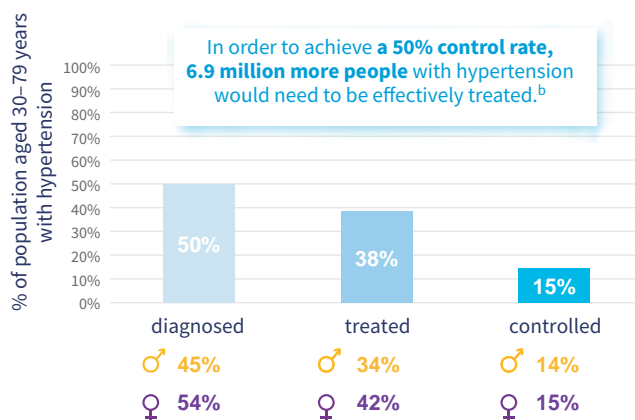
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 29% ♂ 24% ♀ 34%

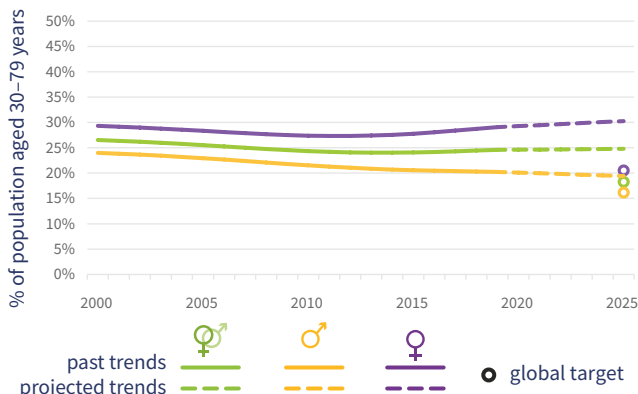
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



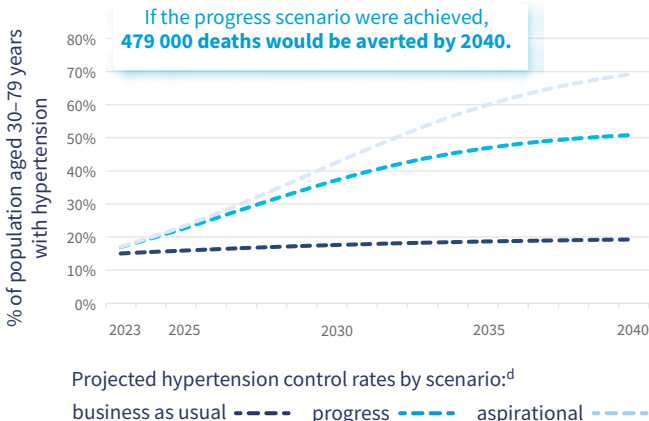
Of the **19.4 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	19	21	16	2019
Cardiovascular disease deaths	273 000	144 000	129 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	54	51	58	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	9	8	2019
Current tobacco use, adults aged 15+ years (%)	35	53	18	2019
Obesity, adults aged 18+ years (%)	4	2	5	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	28	16	39	2016

## National response

### Targets

- National target for blood pressure ✓
- National target for salt consumption ✓

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension ✓
- Conducted recent, national survey on salt/sodium intake ✓
- Functioning system for generating reliable cause-specific mortality data on a routine basis ✗

### Treatment

- Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Barbados

## Hypertension profile

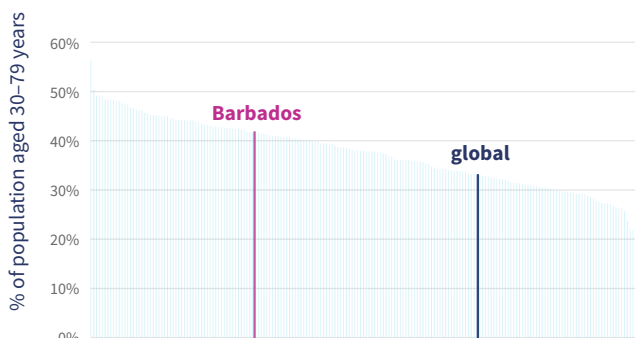
Total population (2019): 280 000

Total deaths (2019): 3420

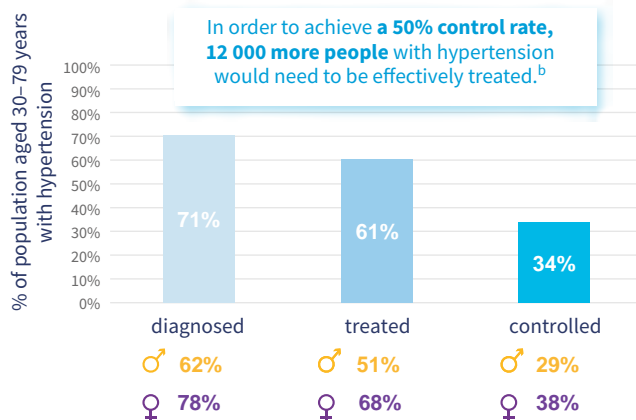
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 42% ♂ 40% ♀ 43%

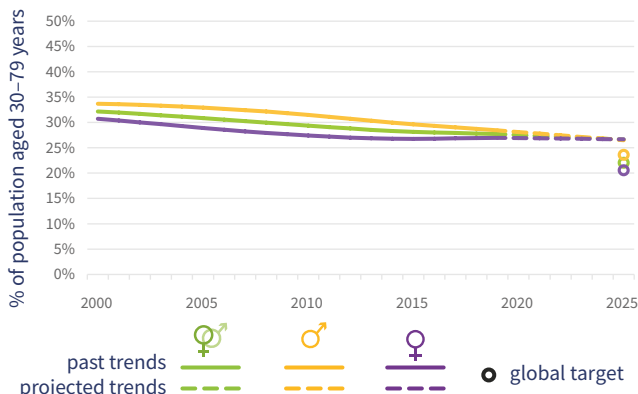
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



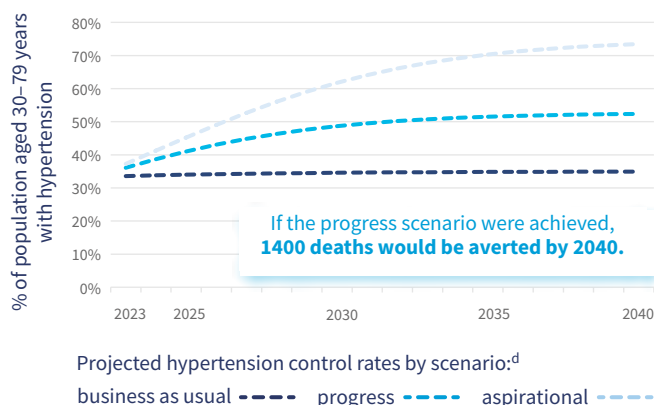
### Of the 80 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	16	17	15	2019
Cardiovascular disease deaths	1000	460	550	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	53	54	52	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	6	2019
Current tobacco use, adults aged 15+ years (%)	9	15	2	2019
Obesity, adults aged 18+ years (%)	23	15	31	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	9	16	4	2019
Physical inactivity, adults aged 18+ years (%)	43	29	55	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.



# Belarus

## Hypertension profile

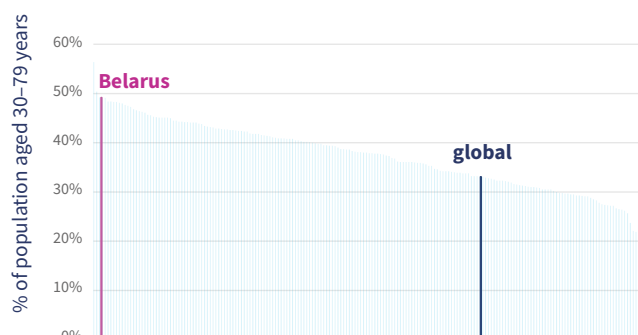
Total population (2019): 9 674 000

Total deaths (2019): 116 000

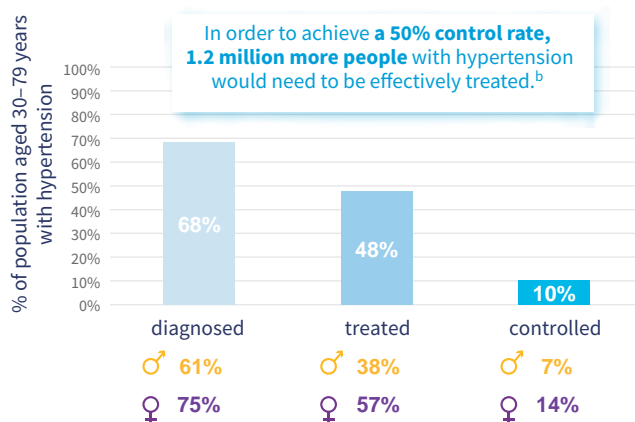
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 49% ♂ 52% ♀ 47%

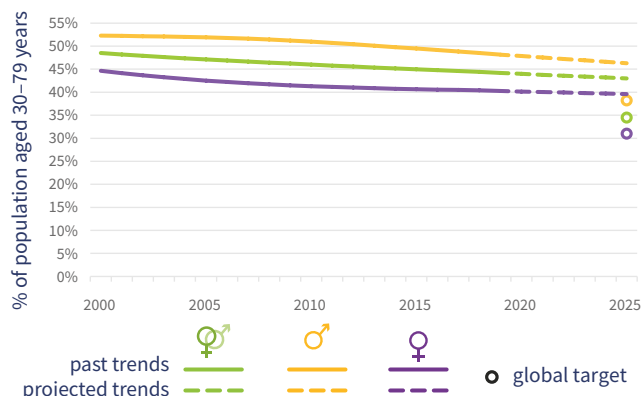
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



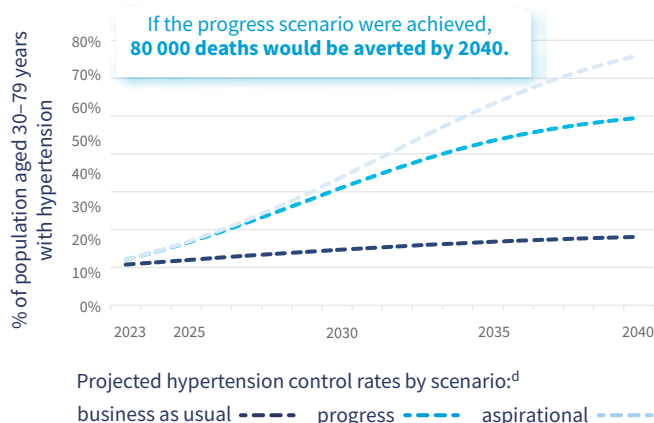
Of the 3.2 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	24	36	14	2019
Cardiovascular disease deaths	73 200	33 000	40 200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	58	61	56	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	31	48	14	2019
Obesity, adults aged 18+ years (%)	25	22	26	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	11	18	5	2019
Physical inactivity, adults aged 18+ years (%)	14	14	14	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Belgium

## Hypertension profile

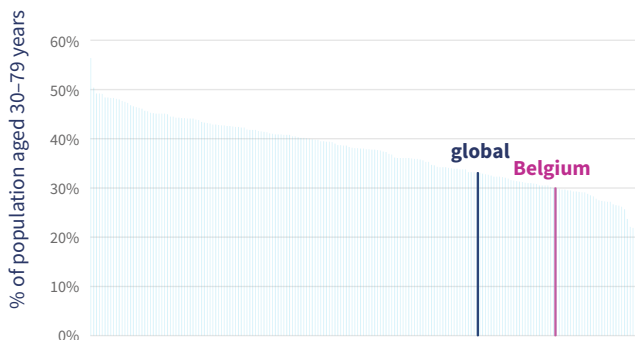
Total population (2019): 11 511 000

Total deaths (2019): 113 000

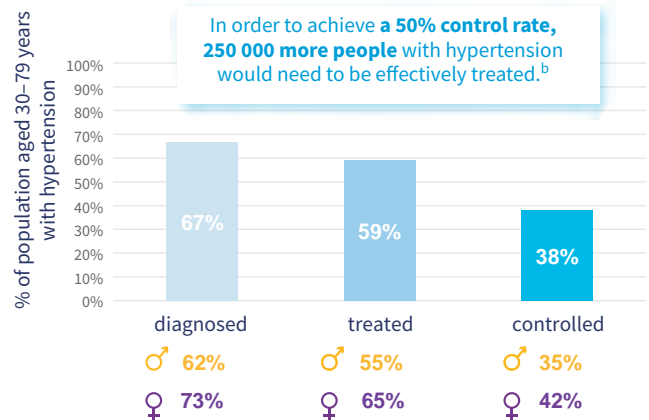
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 30% ♂ 34% ♀ 26%

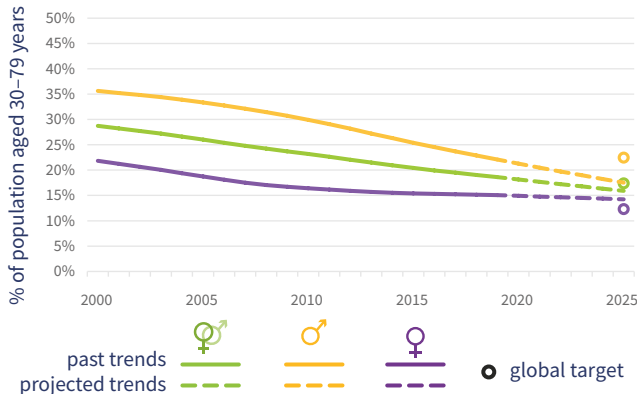
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



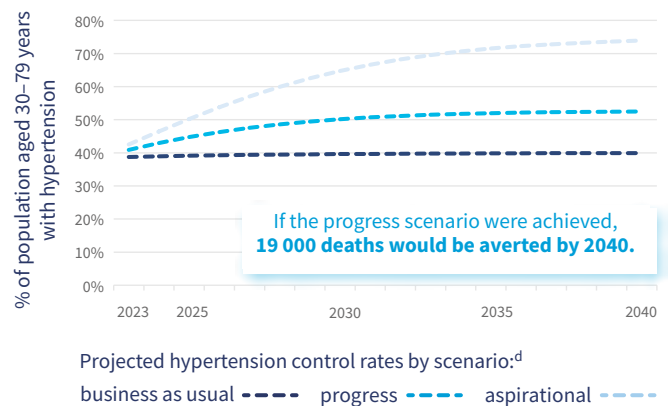
Of the **2.5 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	11	13	8	2019
Cardiovascular disease deaths	30 800	14 000	16 800	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	49	49	49	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	9	7	2019
Current tobacco use, adults aged 15+ years (%)	24	26	21	2019
Obesity, adults aged 18+ years (%)	22	23	21	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	10	16	5	2019
Physical inactivity, adults aged 18+ years (%)	36	31	41	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Belize

## Hypertension profile

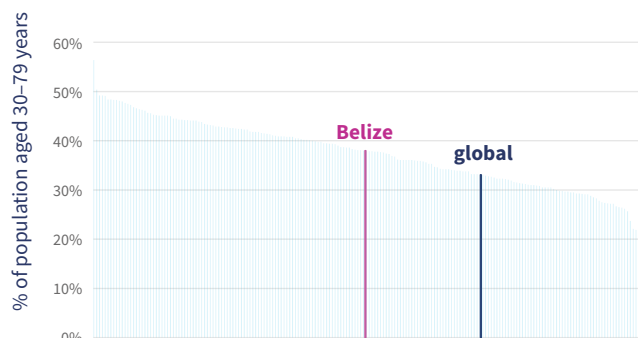
Total population (2019): 389 000

Total deaths (2019): 1880

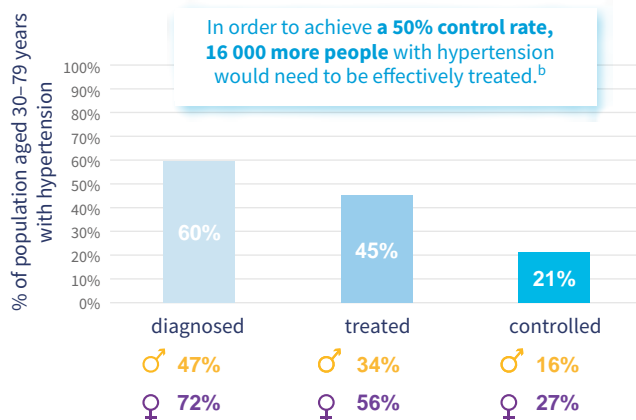
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 38% ♂ 38% ♀ 38%

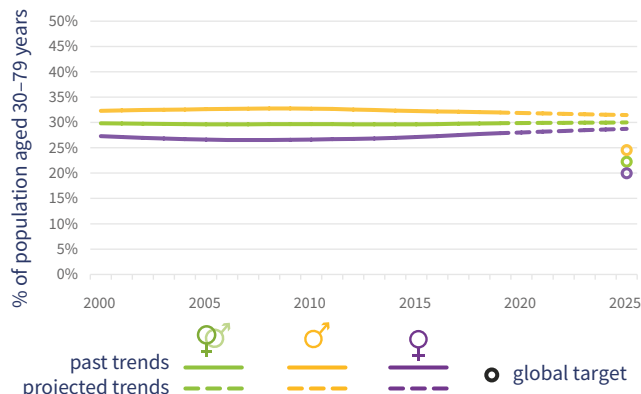
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



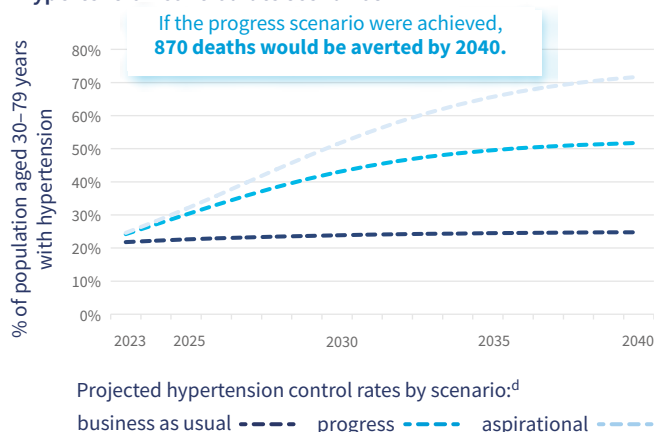
Of the 55 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	16	19	14	2019
Cardiovascular disease deaths	420	240	180	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	52	54	50	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	9	16	2	2019
Obesity, adults aged 18+ years (%)	24	17	32	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	6	9	2	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure ✓  
National target for salt consumption ✗

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✗  
Conducted recent, national survey on salt/sodium intake ✗  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✓

### Treatment

Guidelines for management of hypertension ✗

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Benin

## Hypertension profile

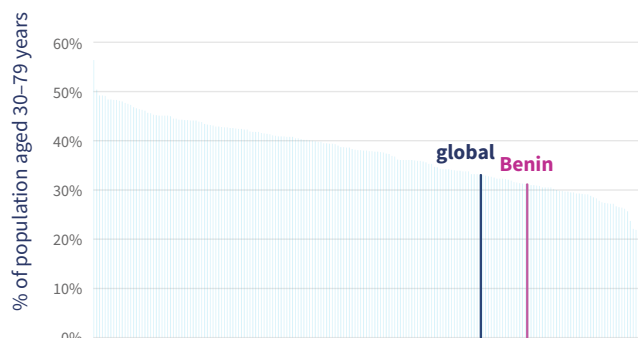
Total population (2019): 12 290 000

Total deaths (2019): 93 400

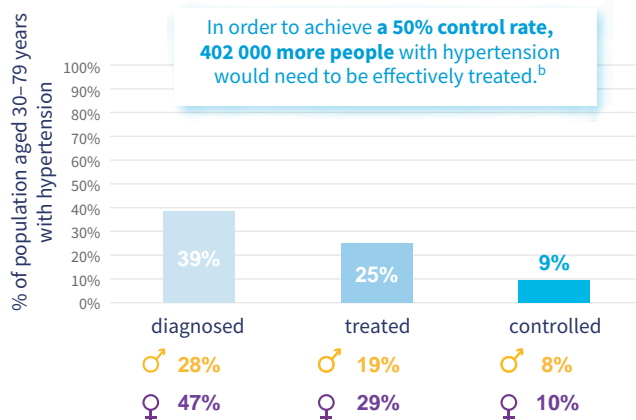
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 31% ♂ 29% ♀ 33%

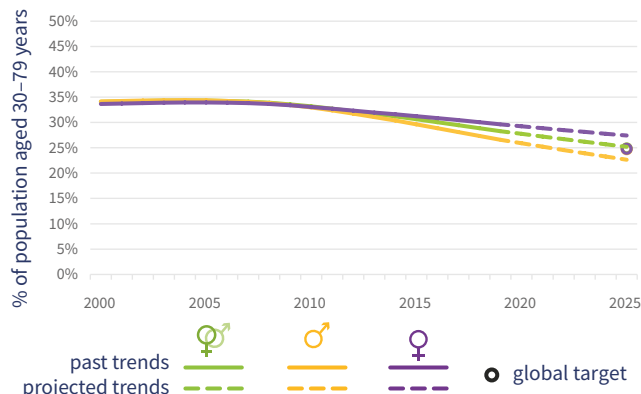
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



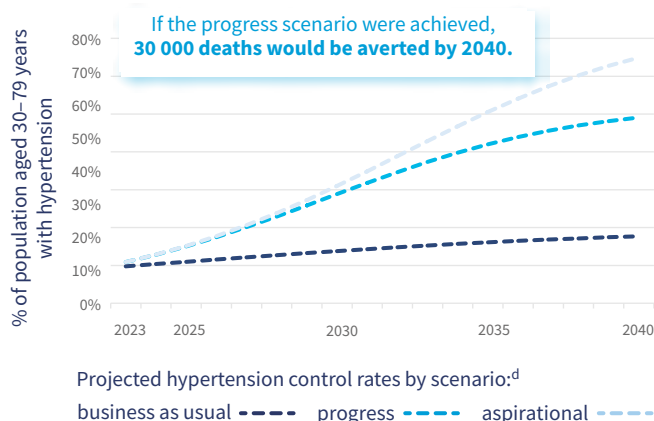
Of the 979 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	23	24	21	2019
Cardiovascular disease deaths	13 900	6700	7200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	56	54	59	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	8	2019
Current tobacco use, adults aged 15+ years (%)	7	12	2	2019
Obesity, adults aged 18+ years (%)	10	5	14	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	8	14	3	2019
Physical inactivity, adults aged 18+ years (%)	16	14	18	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Bhutan

## Hypertension profile

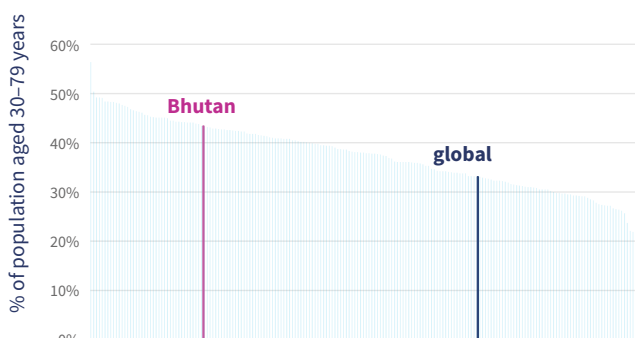
Total population (2019): 767 000

Total deaths (2019): 4530

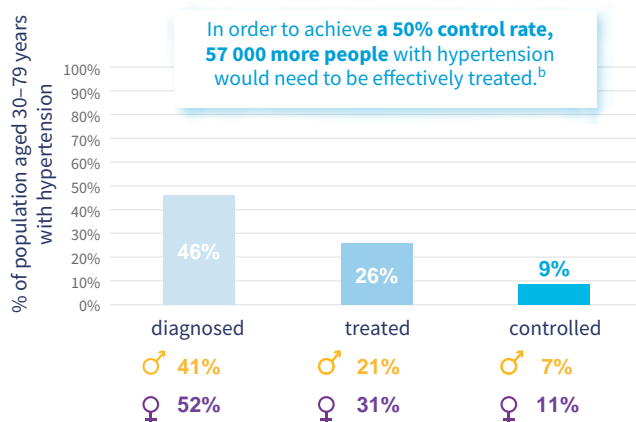
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 43% ♂ 44% ♀ 43%

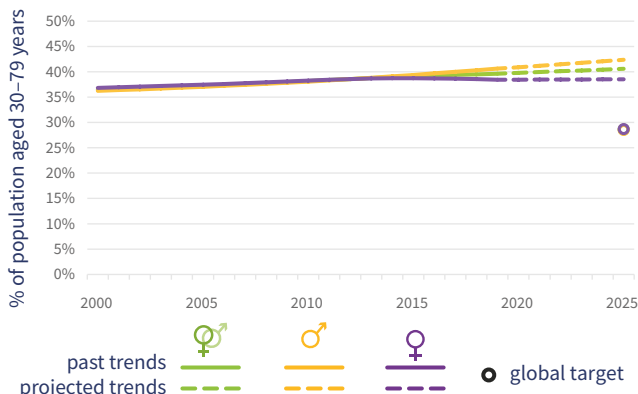
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



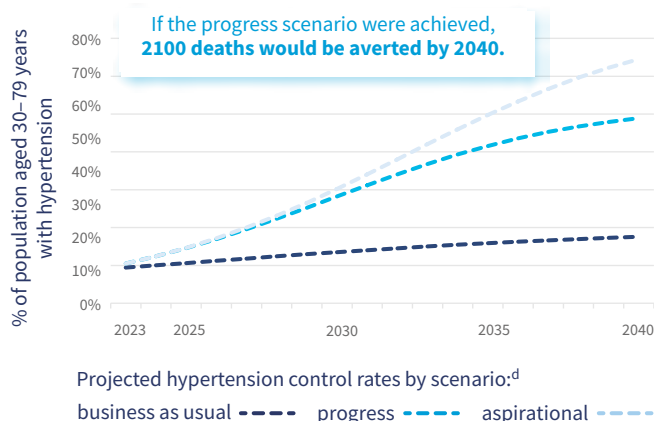
Of the 137 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	18	20	17	2019
Cardiovascular disease deaths	1300	750	530	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	51	51	52	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	9	8	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	6	5	9	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	23	18	29	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Bolivia (Plurinational State of)

Total population (2019): 11 777 000

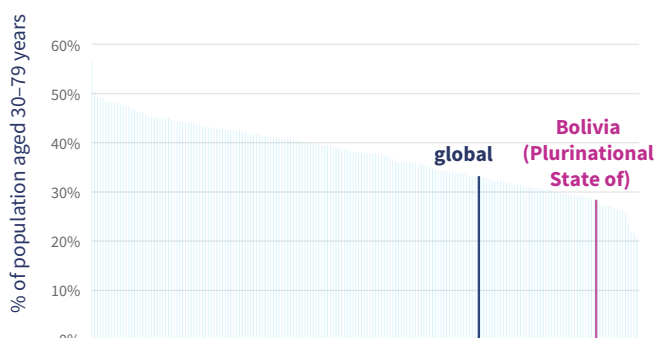
## Hypertension profile

Total deaths (2019): 86 400

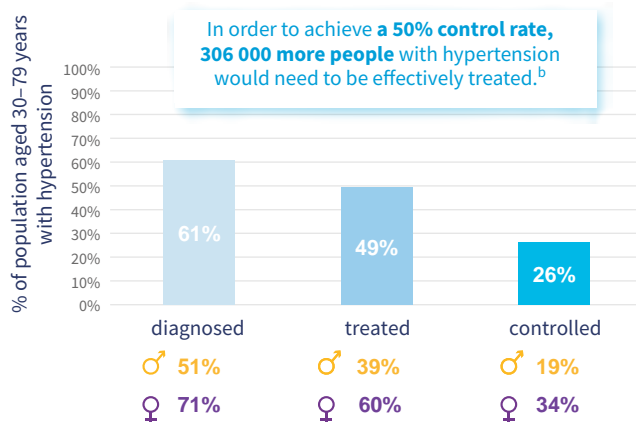
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 28% ♂ 29% ♀ 27%

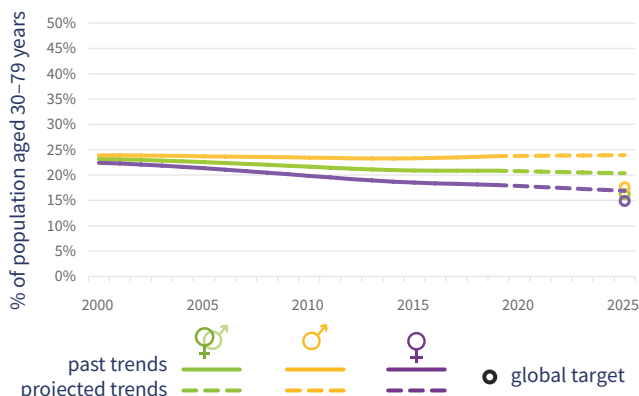
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



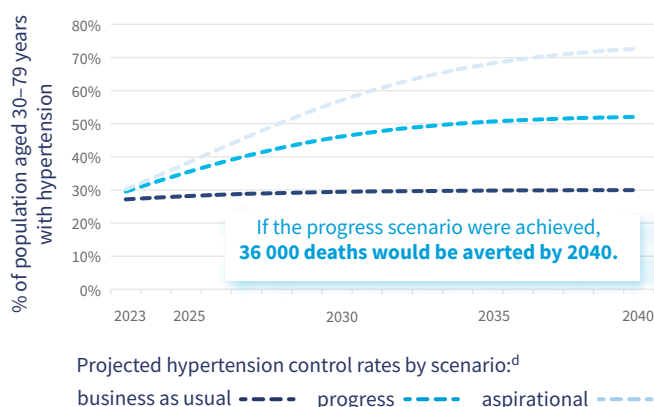
Of the **1.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	18	17	18	2019
Cardiovascular disease deaths	22 400	10 400	12 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	43	42	44	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	8	2019
Current tobacco use, adults aged 15+ years (%)	13	21	5	2019
Obesity, adults aged 18+ years (%)	20	15	26	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	4	6	2	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

✗  
✗

### Treatment

Guidelines for management of hypertension

✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

✓  
✓  
✗

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Bosnia and Herzegovina

## Hypertension profile

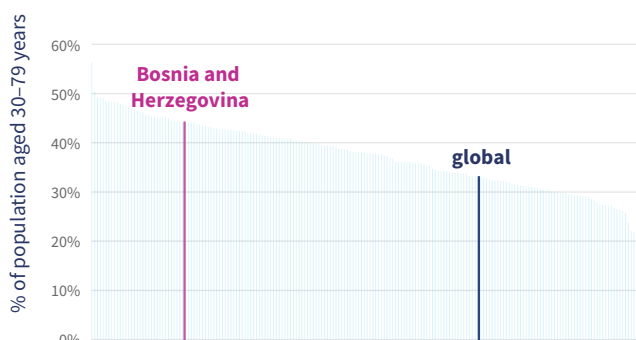
Total population (2019): 3 361 000

Total deaths (2019): 37 800

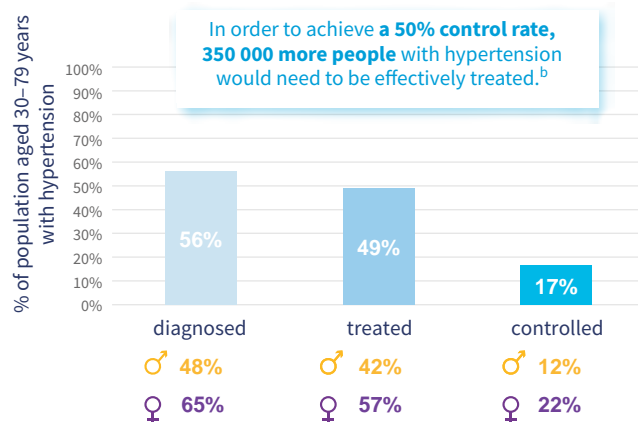
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 44% ♂ 47% ♀ 41%

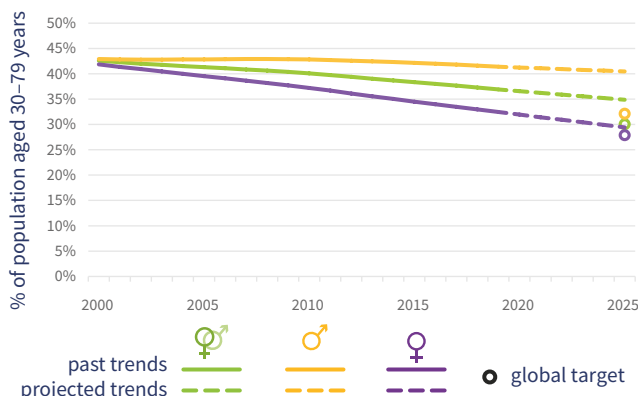
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



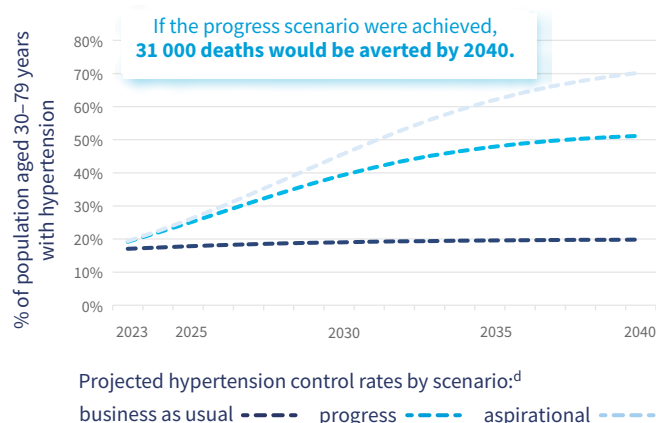
Of the **1.1 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	19	24	14	2019
Cardiovascular disease deaths	19 700	9000	10 700	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	54	54	55	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	13	15	11	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	36	43	28	2019
Obesity, adults aged 18+ years (%)	18	17	18	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	6	11	2	2019
Physical inactivity, adults aged 18+ years (%)	25	23	28	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.



# Botswana

## Hypertension profile

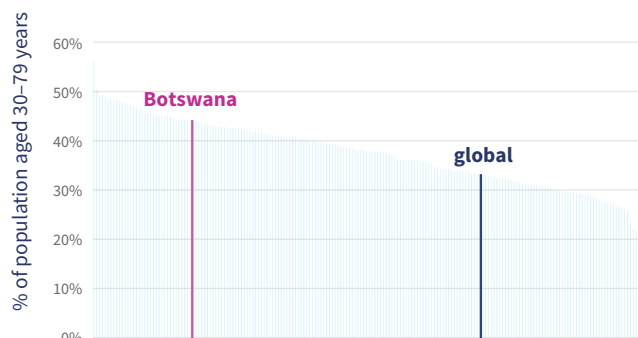
Total population (2019): 2 500 000

Total deaths (2019): 20 700

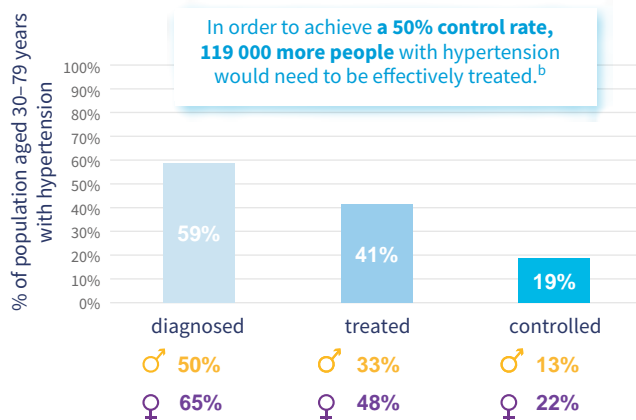
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 44% ♂ 40% ♀ 47%

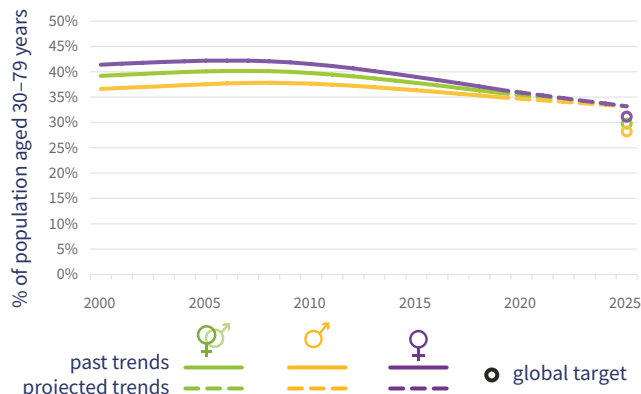
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



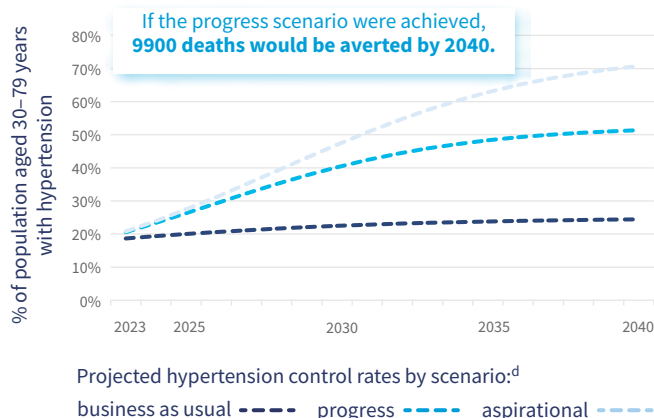
Of the 364 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	27	33	23	2019
Cardiovascular disease deaths	4100	2000	2100	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	63	64	61	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	8	7	2019
Current tobacco use, adults aged 15+ years (%)	20	31	9	2019
Obesity, adults aged 18+ years (%)	19	8	29	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	8	14	3	2019
Physical inactivity, adults aged 18+ years (%)	22	17	26	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Brazil

## Hypertension profile

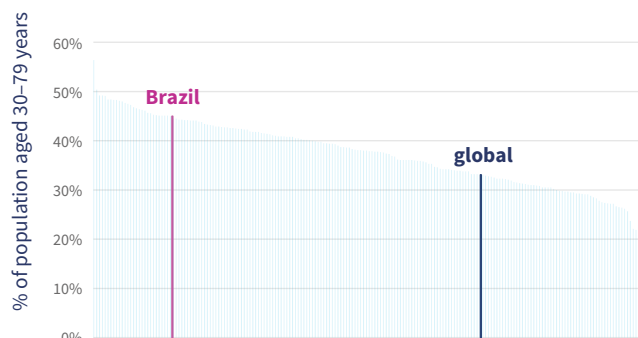
Total population (2019): 211 800 000

Total deaths (2019): 1 372 000

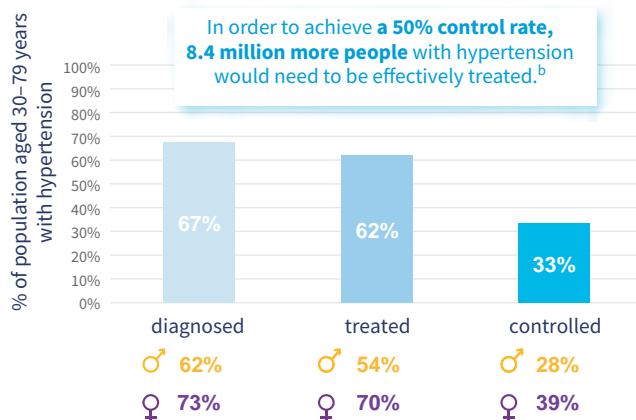
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 45% ♂ 48% ♀ 42%

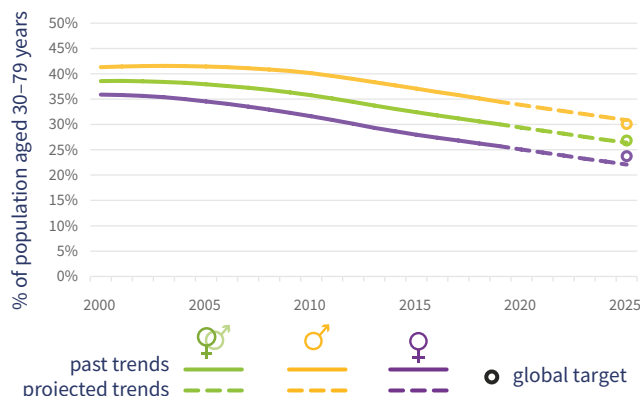
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



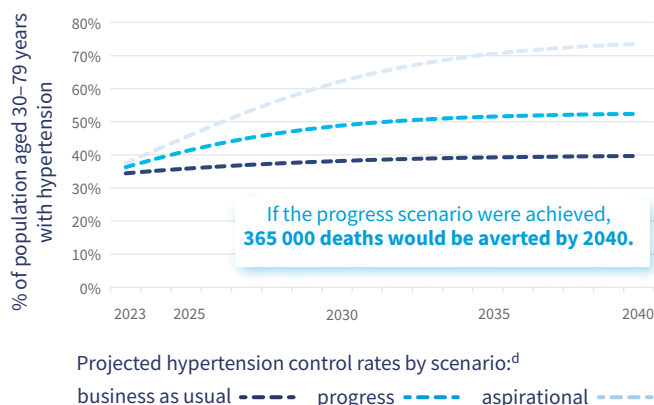
Of the **50.7 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	15	19	13	2019
Cardiovascular disease deaths	381 000	202 000	179 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	54	55	52	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	8	2019
Current tobacco use, adults aged 15+ years (%)	13	17	10	2019
Obesity, adults aged 18+ years (%)	22	19	25	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	8	12	3	2019
Physical inactivity, adults aged 18+ years (%)	47	40	53	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Brunei Darussalam

## Hypertension profile

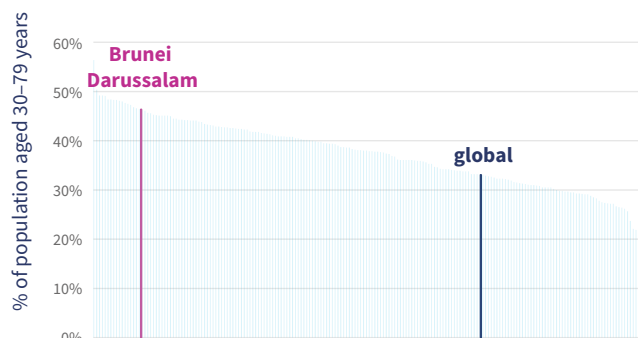
Total population (2019): 438 000

Total deaths (2019): 2 230

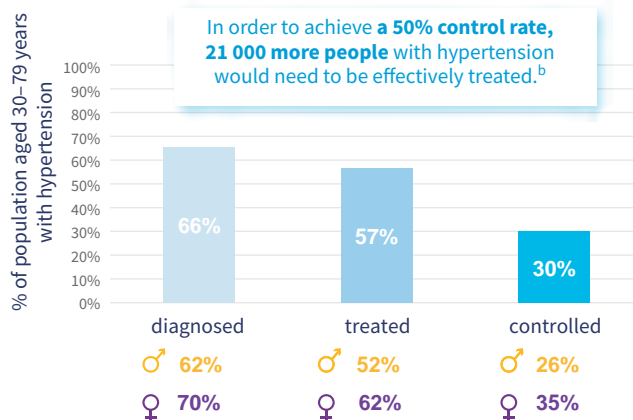
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 46% ♂ 47% ♀ 46%

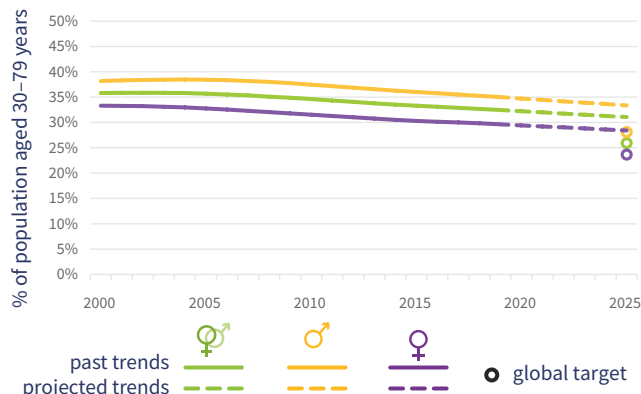
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



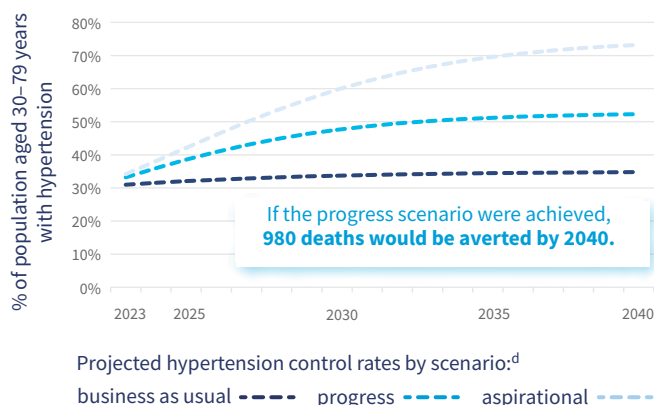
### Of the 100 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	19	20	17	2019
Cardiovascular disease deaths	670	400	270	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	53	55	50	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	11	12	10	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	16	30	2	2019
Obesity, adults aged 18+ years (%)	14	13	16	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	1	0	2019
Physical inactivity, adults aged 18+ years (%)	27	21	34	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $<$ 140 mmHg and DBP  $<$ 90 mmHg. c. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Bulgaria

## Hypertension profile

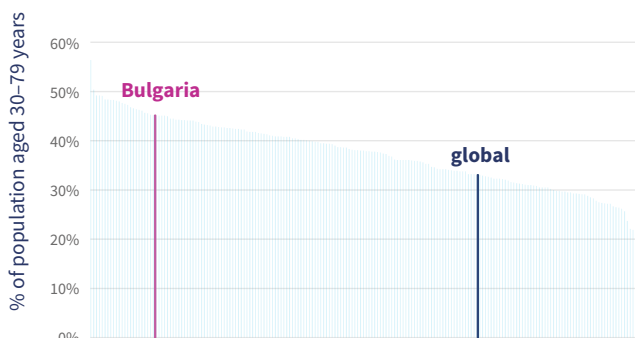
Total population (2019): 7 053 000

Total deaths (2019): 106 000

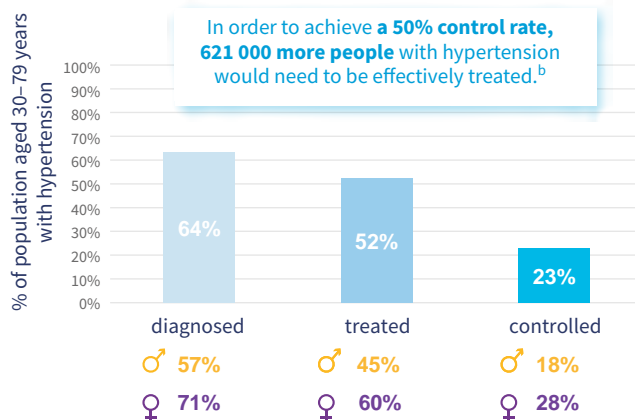
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 45% ♂ 49% ♀ 41%

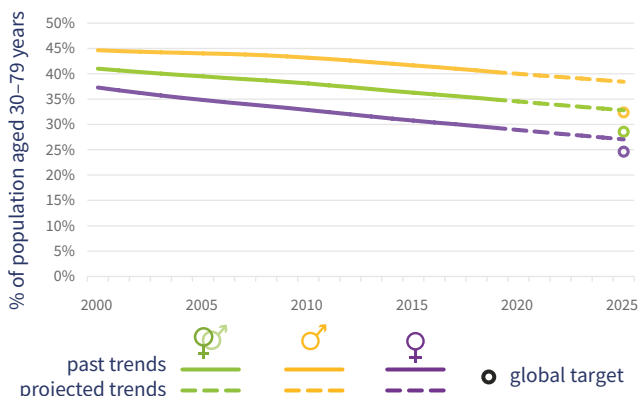
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



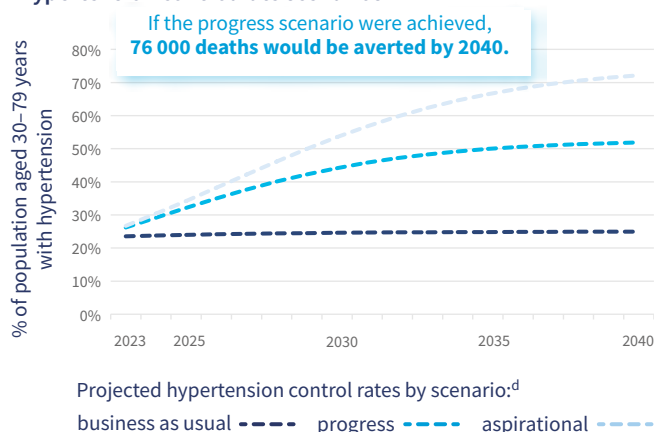
Of the **2.4 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	24	32	16	2019
Cardiovascular disease deaths	68 900	33 200	35 700	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	58	61	56	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	13	15	11	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	39	42	37	2019
Obesity, adults aged 18+ years (%)	25	26	24	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	12	20	5	2019
Physical inactivity, adults aged 18+ years (%)	39	36	41	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Burkina Faso

## Hypertension profile

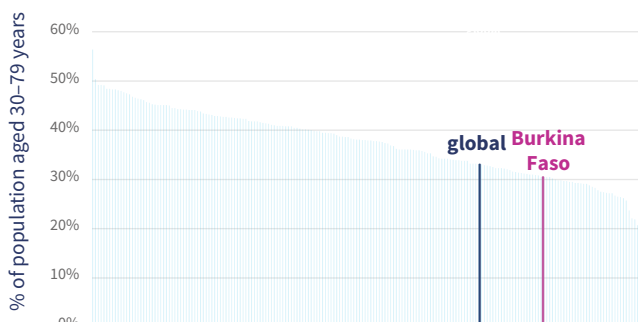
Total population (2019): 20 952 000

Total deaths (2019): 152 000

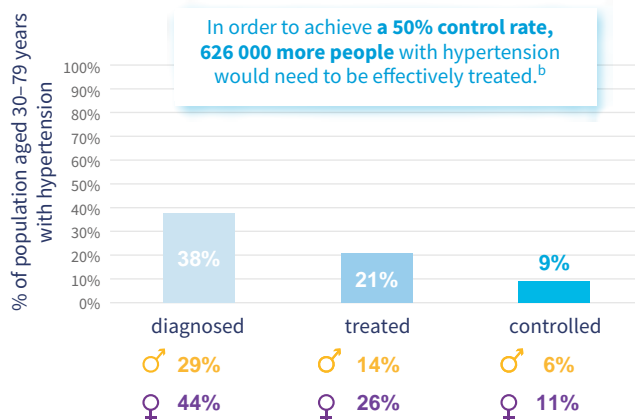
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 31% ♂ 29% ♀ 32%

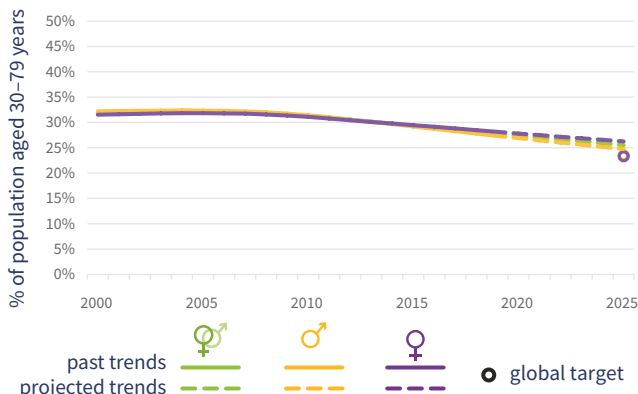
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



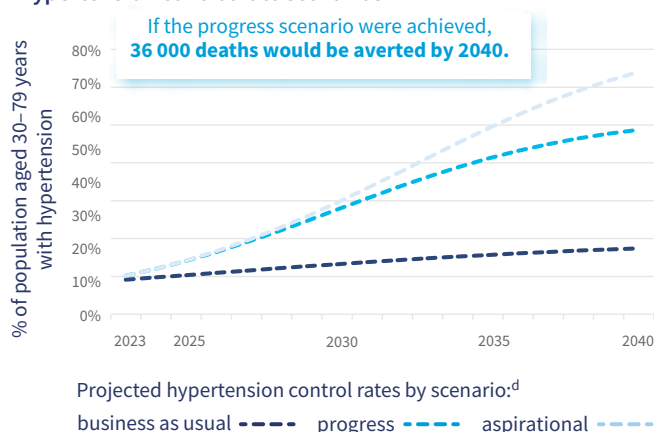
Of the **1.5 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	24	26	22	2019
Cardiovascular disease deaths	19 000	9500	9500	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	53	51	55	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	15	23	7	2019
Obesity, adults aged 18+ years (%)	6	3	8	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	10	17	3	2019
Physical inactivity, adults aged 18+ years (%)	20	18	23	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

✗

✗

✓

✓

✗

✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Burundi

## Hypertension profile

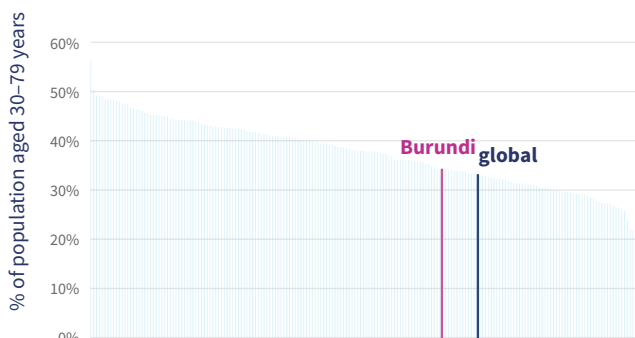
Total population (2019): 11 875 000

Total deaths (2019): 76 800

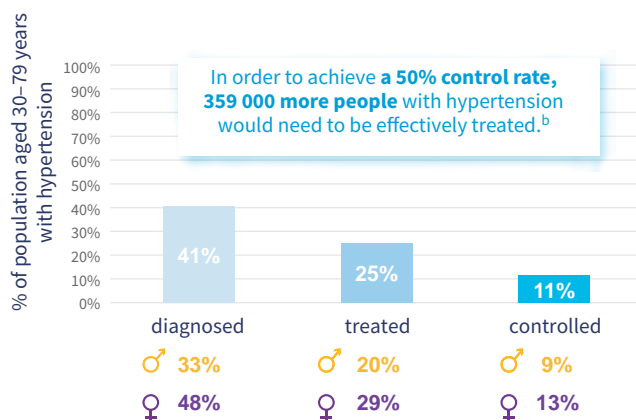
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 34% ♂ 33% ♀ 36%

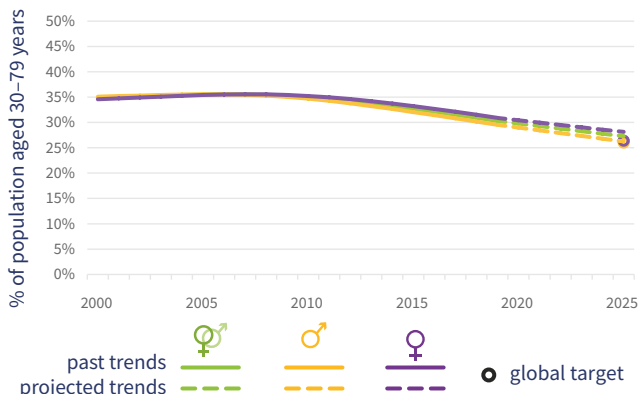
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



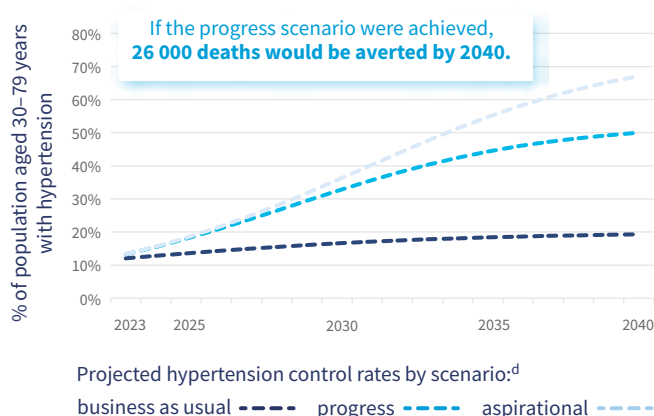
Of the **907 000** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	25	27	23	2019
Cardiovascular disease deaths	10 200	5200	5000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	58	57	58	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	6	8	2019
Current tobacco use, adults aged 15+ years (%)	12	18	6	2019
Obesity, adults aged 18+ years (%)	5	2	9	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	4	7	2	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure ✓  
National target for salt consumption ✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✗  
Conducted recent, national survey on salt/sodium intake ✗  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✗

### Treatment

Guidelines for management of hypertension ✗

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Cabo Verde

## Hypertension profile

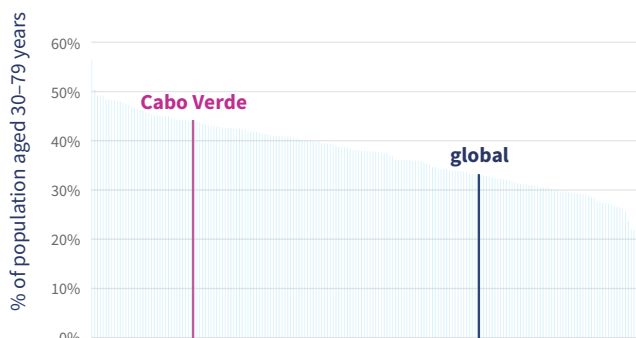
Total population (2019): 577 000

Total deaths (2019): 2850

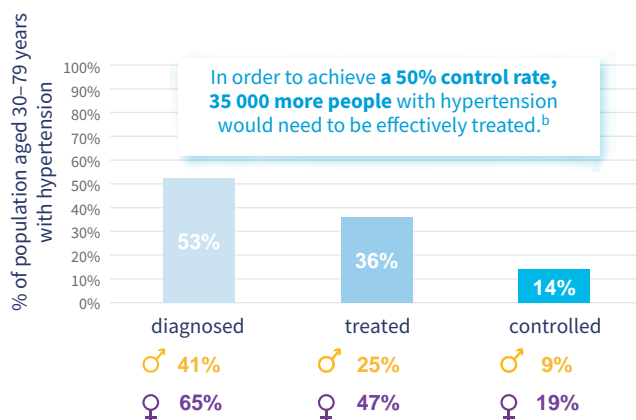
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 44% ♂ 46% ♀ 42%

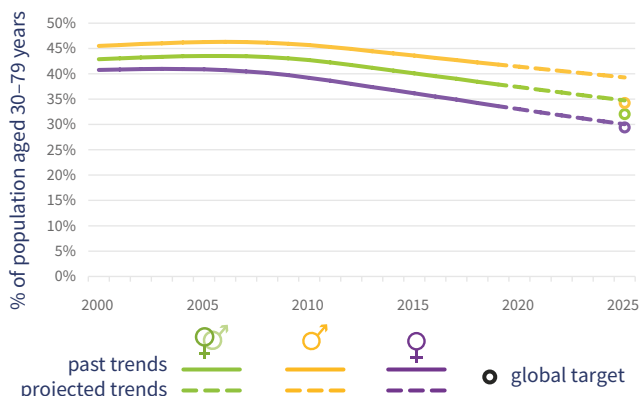
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



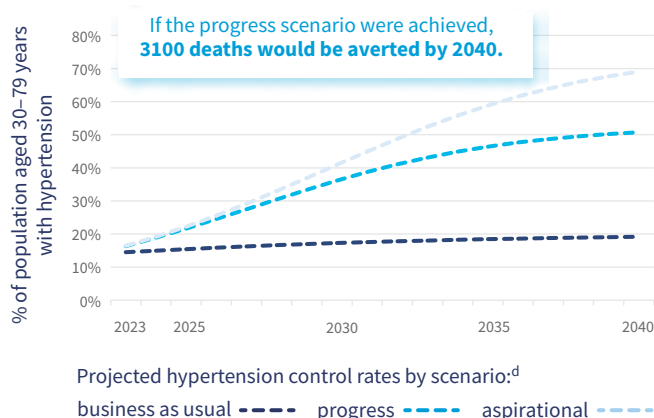
### Of the 95 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	17	23	13	2019
Cardiovascular disease deaths	870	410	450	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	59	60	59	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	12	18	6	2019
Obesity, adults aged 18+ years (%)	12	7	16	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	6	10	3	2019
Physical inactivity, adults aged 18+ years (%)	20	14	25	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.



# Cambodia

## Hypertension profile

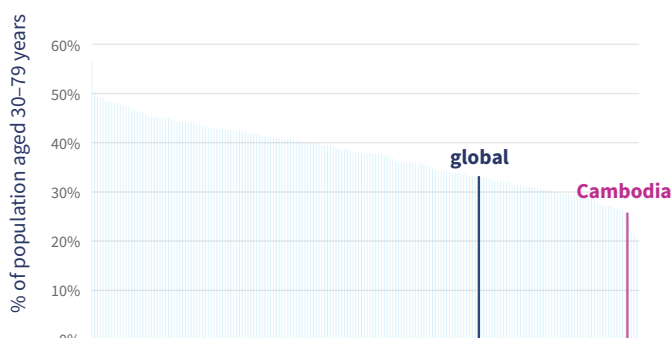
Total population (2019): 16 208 000

Total deaths (2019): 96 600

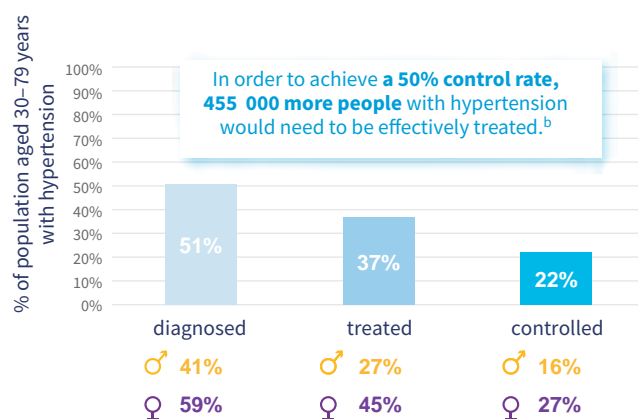
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 26% ♂ 26% ♀ 25%

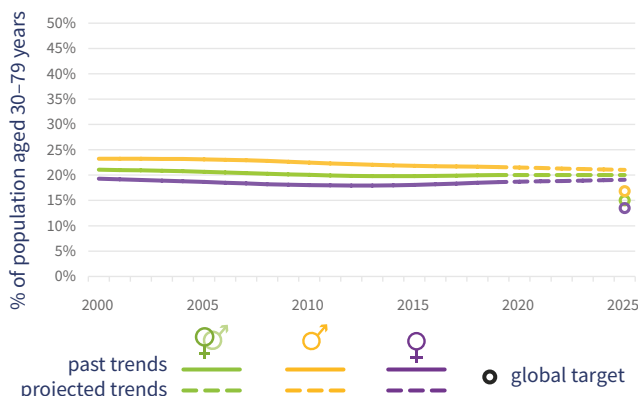
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



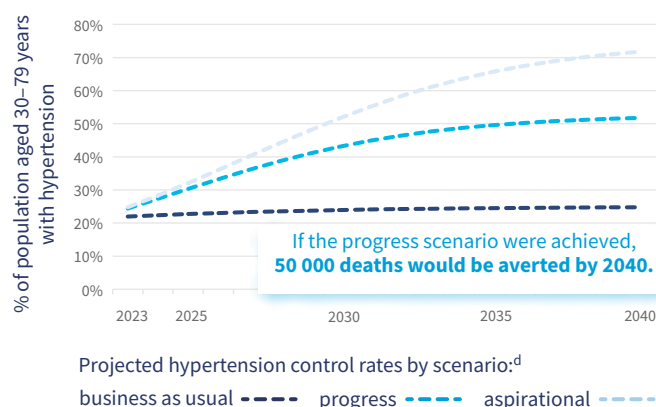
Of the **1.6 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual --- progress ..... aspirational - - - -

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	23	27	19	2019
Cardiovascular disease deaths	27 100	13 400	13 700	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	44	45	44	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	10	2019
Current tobacco use, adults aged 15+ years (%)	22	37	6	2019
Obesity, adults aged 18+ years (%)	4	3	5	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	8	14	3	2019
Physical inactivity, adults aged 18+ years (%)	11	10	11	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

✓  
✓

### Treatment

Guidelines for management of hypertension

✗

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

✓  
✓  
✗

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Cameroon

## Hypertension profile

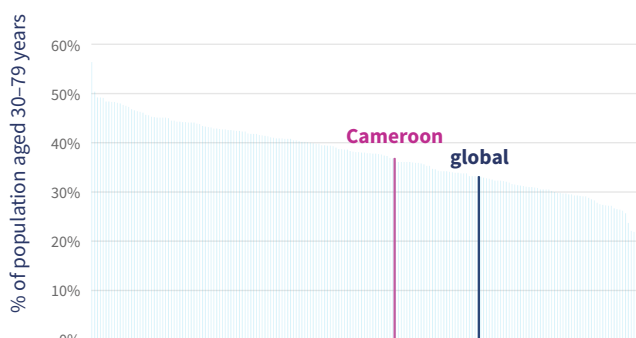
Total population (2019): 25 782 000

Total deaths (2019): 196 000

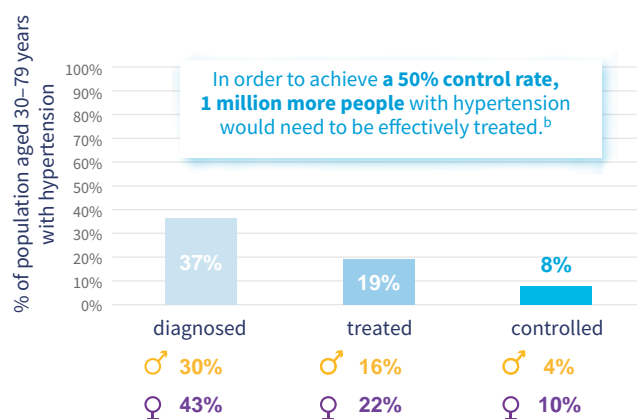
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 37% ♂ 35% ♀ 39%

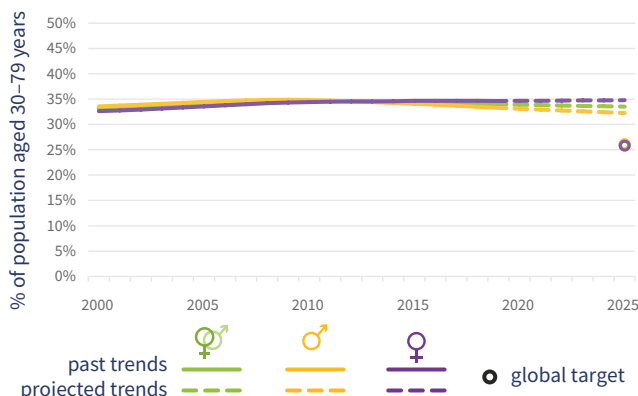
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



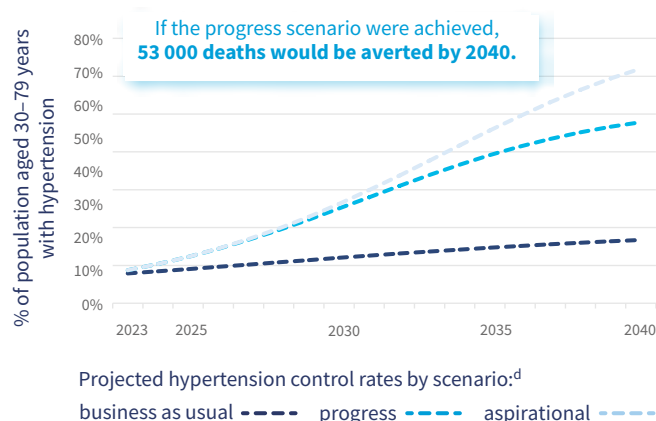
Of the **2.4 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	24	26	22	2019
Cardiovascular disease deaths	27 200	14 100	13 100	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	60	58	61	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	8	14	2	2019
Obesity, adults aged 18+ years (%)	11	6	16	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	10	16	4	2019
Physical inactivity, adults aged 18+ years (%)	29	22	35	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Canada

## Hypertension profile

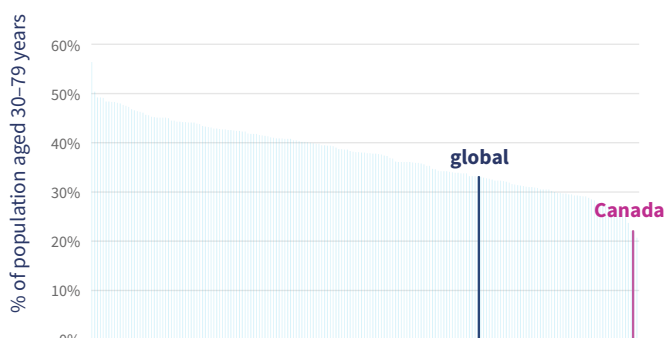
Total population (2019): 37 523 000

Total deaths (2019): 278 000

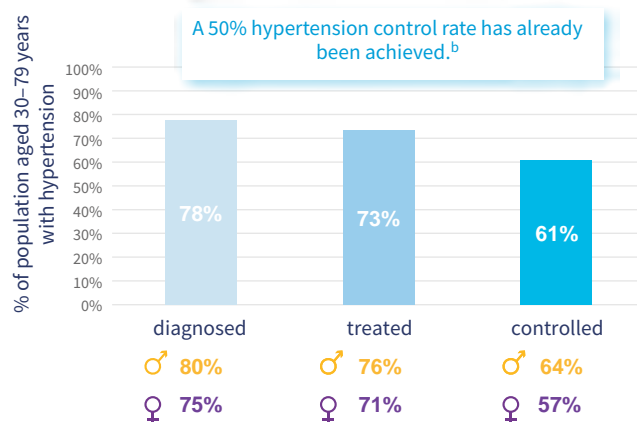
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 22% ♂ 24% ♀ 20%

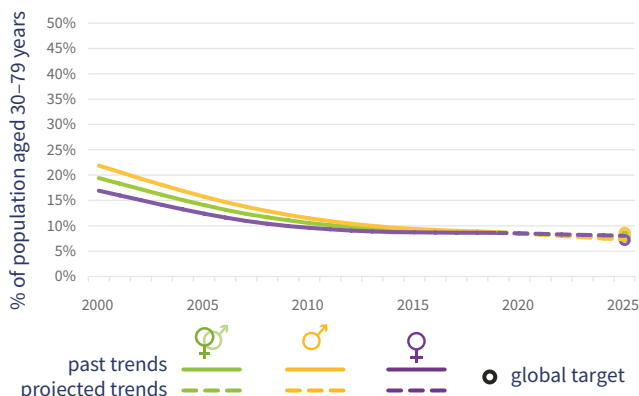
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



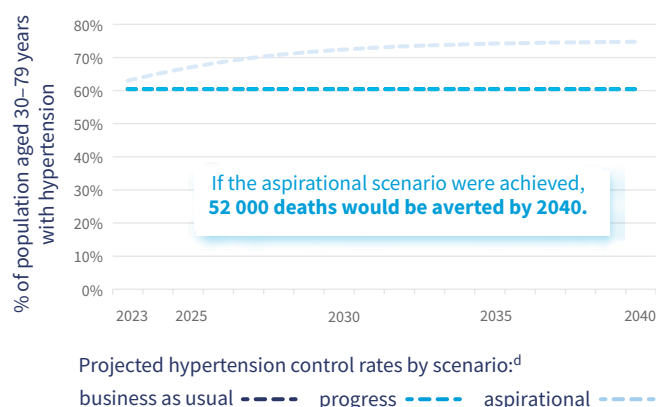
Of the **6.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	10	11	8	2019
Cardiovascular disease deaths	70 200	36 200	34 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	44	45	43	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	8	2019
Current tobacco use, adults aged 15+ years (%)	14	16	11	2019
Obesity, adults aged 18+ years (%)	29	30	29	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	10	16	4	2019
Physical inactivity, adults aged 18+ years (%)	29	26	31	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Central African Republic

## Hypertension profile

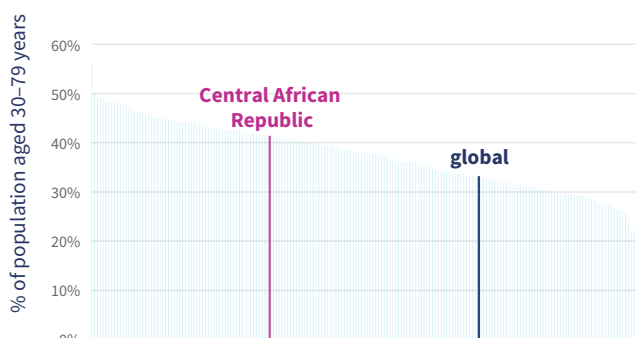
Total population (2019): 5 209 000

Total deaths (2019): 56 700

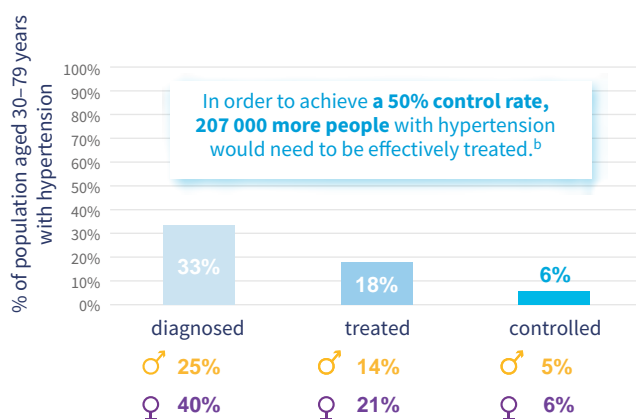
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 41% ♂ 40% ♀ 43%

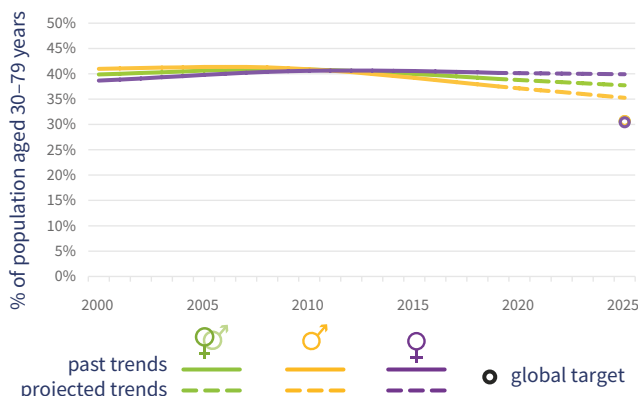
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



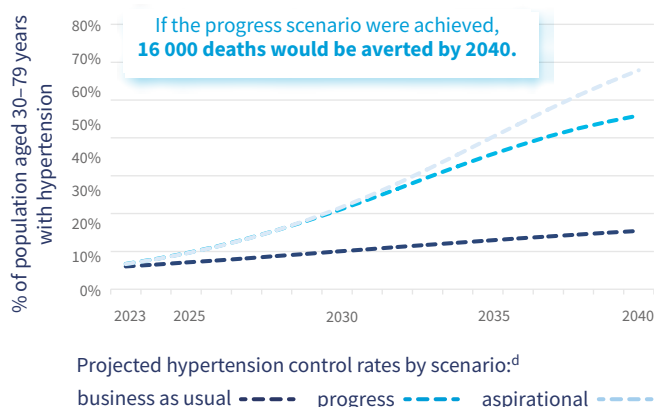
Of the **467 000** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	36	41	32	2019
Cardiovascular disease deaths	8300	4000	4300	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	63	61	65	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	8	4	11	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	3	1	2019
Physical inactivity, adults aged 18+ years (%)	14	13	16	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Chad

## Hypertension profile

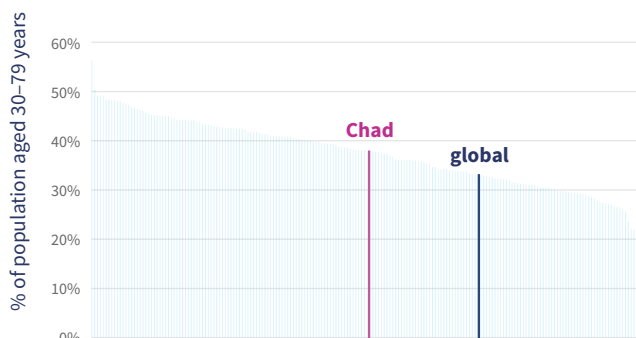
Total population (2019): 16 127 000

Total deaths (2019): 149 000

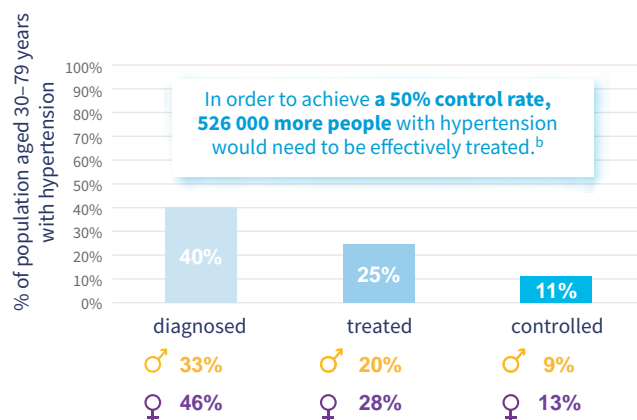
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 38% ♂ 35% ♀ 41%

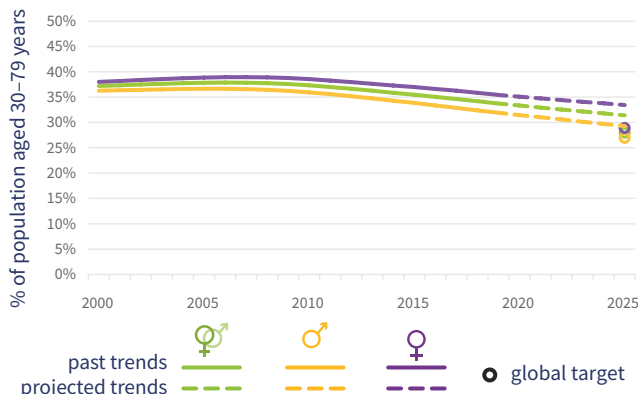
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



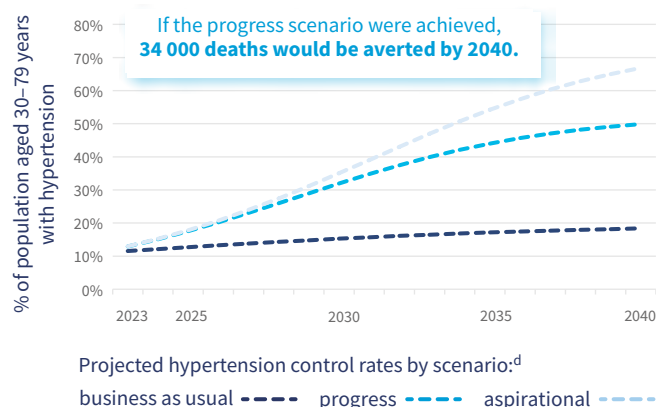
Of the **1.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	23	23	23	2019
Cardiovascular disease deaths	14 700	7200	7 500	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	53	51	54	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	9	14	3	2019
Obesity, adults aged 18+ years (%)	6	3	9	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	4	6	1	2019
Physical inactivity, adults aged 18+ years (%)	23	20	27	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Chile

## Hypertension profile

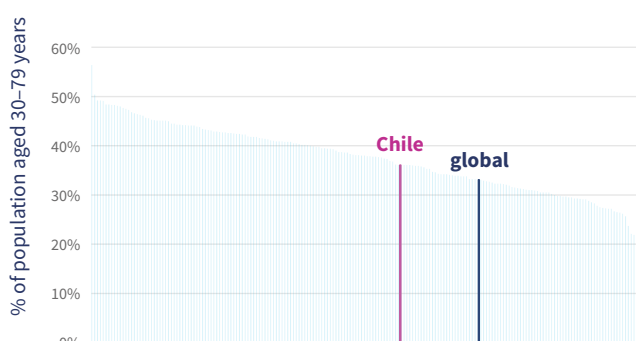
Total population (2019): 19 039 000

Total deaths (2019): 110 000

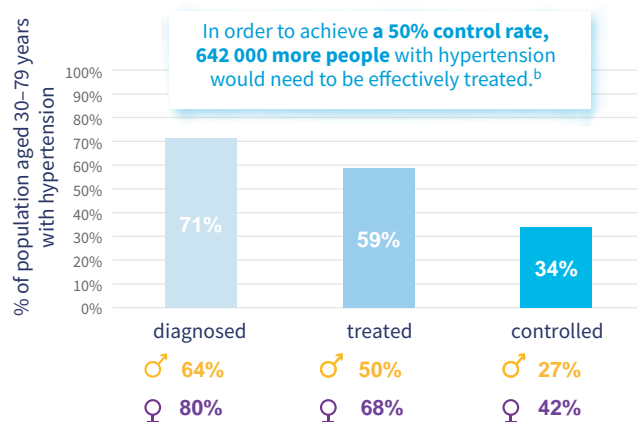
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 36% ♂ 39% ♀ 33%

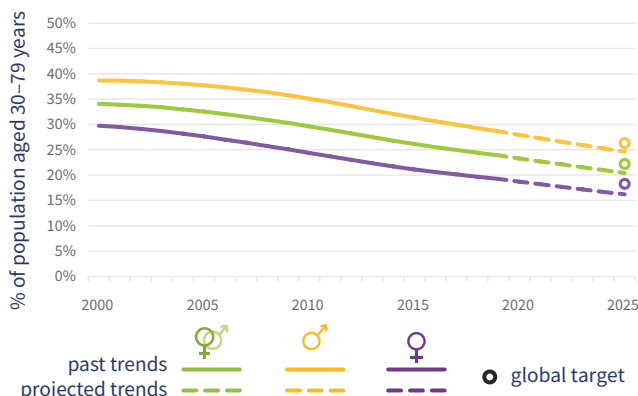
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



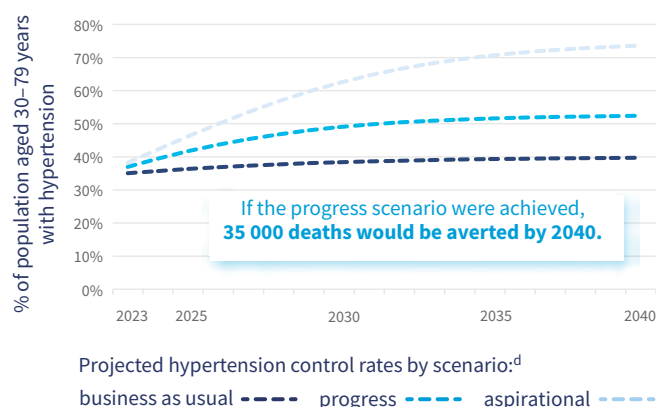
### Of the 4 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	10	12	8	2019
Cardiovascular disease deaths	28 500	14 400	14 100	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	60	61	60	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	8	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	30	32	28	2019
Obesity, adults aged 18+ years (%)	28	25	31	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	7	11	3	2019
Physical inactivity, adults aged 18+ years (%)	27	24	29	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# China

## Hypertension profile

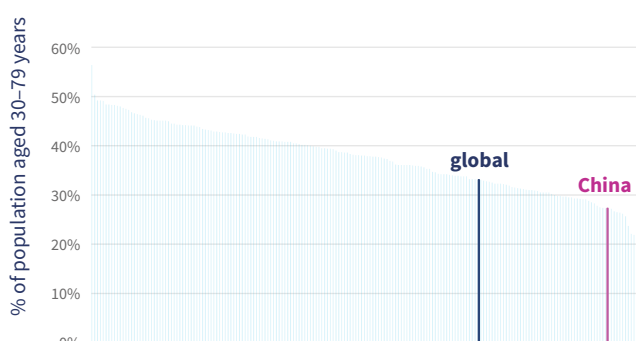
Total population (2019): 1 422 000 000

Total deaths (2019): 10 106 000

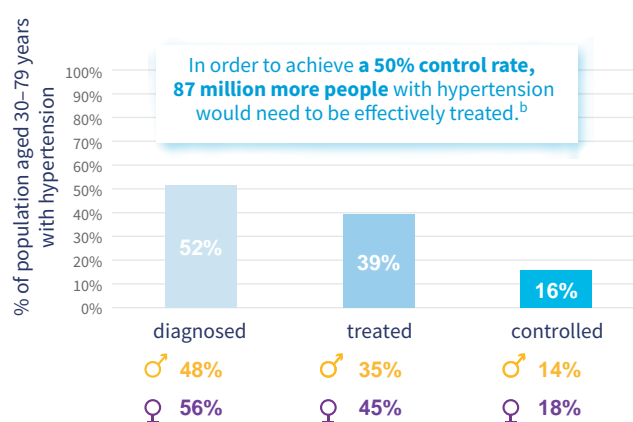
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 27% ♂ 30% ♀ 24%

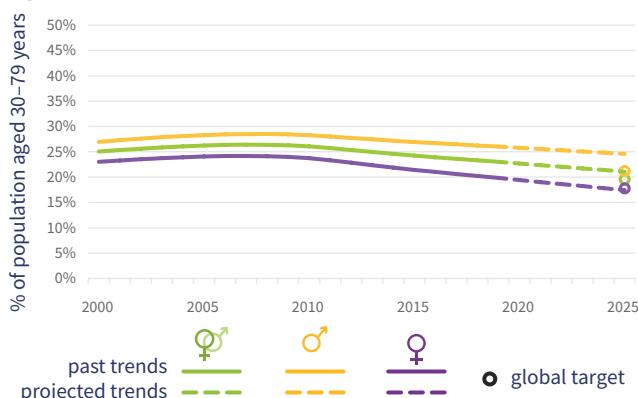
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



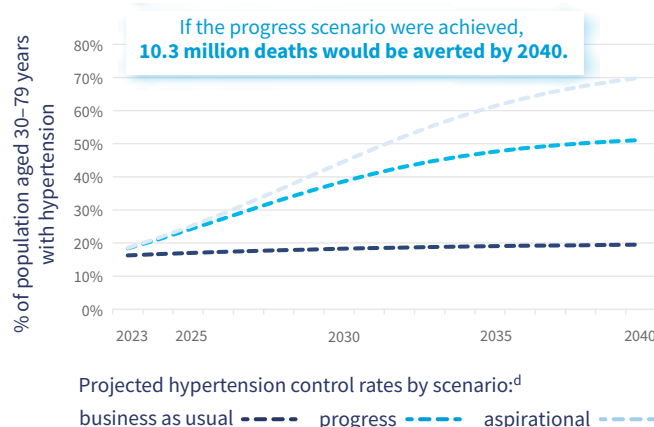
Of the **256.7 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual ——— progress ——— aspirational ———

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	16	20	11	2019
Cardiovascular disease deaths	4 307 000	2 429 000	1 877 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	54	54	54	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	17	19	16	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	26	50	2	2019
Obesity, adults aged 18+ years (%)	6	6	7	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	6	9	2	2019
Physical inactivity, adults aged 18+ years (%)	14	16	12	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

✗  
✓

✓

✓

✗

### Treatment

Guidelines for management of hypertension

✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.



# Colombia

## Hypertension profile

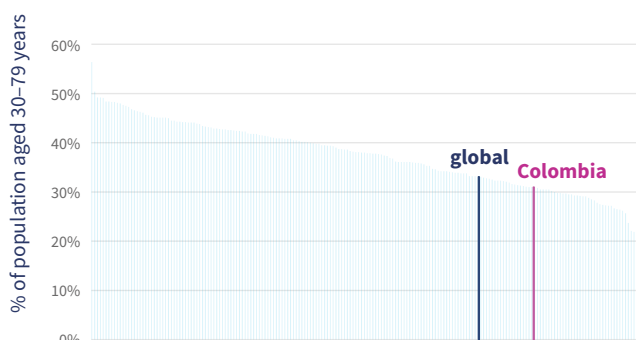
Total population (2019): 50 187 000

Total deaths (2019): 239 000

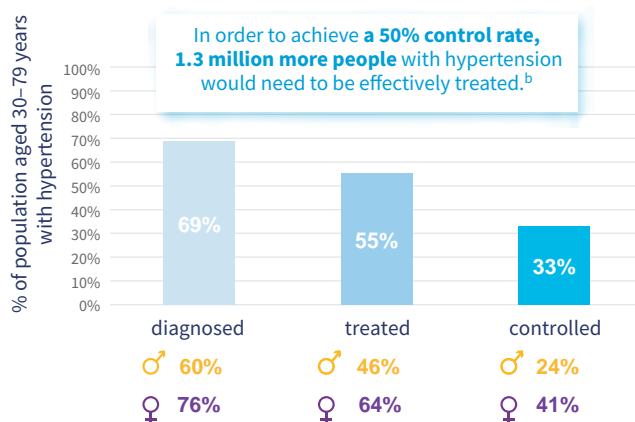
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 31% ♂ 31% ♀ 31%

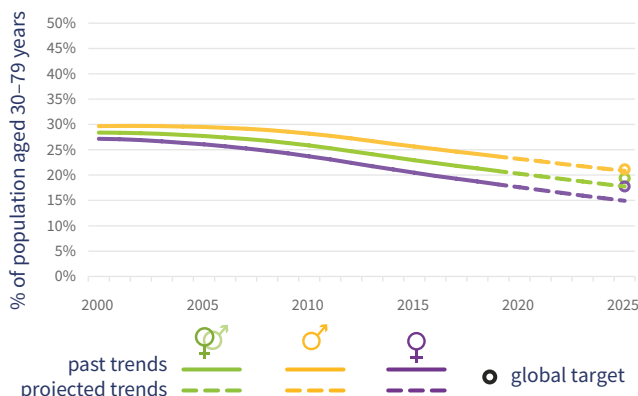
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



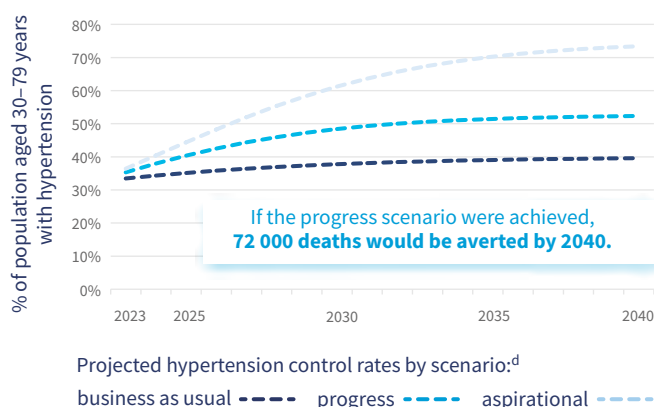
Of the 7.8 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	10	11	9	2019
Cardiovascular disease deaths	73 500	37 000	36 600	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	48	50	46	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	12	14	10	2019
Current tobacco use, adults aged 15+ years (%)	9	13	5	2019
Obesity, adults aged 18+ years (%)	22	18	27	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	5	8	2	2019
Physical inactivity, adults aged 18+ years (%)	44	39	49	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

✓  
✗

✗

✗

✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Comoros

## Hypertension profile

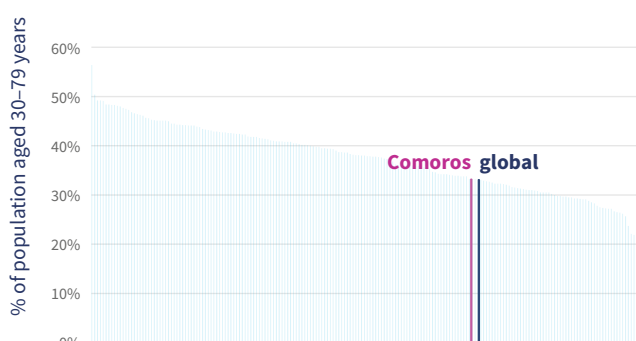
Total population (2019): 791 000

Total deaths (2019): 5030!

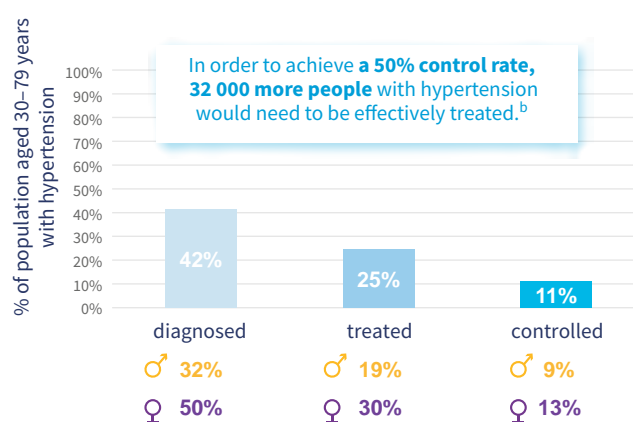
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 33% ♂ 30% ♀ 36%

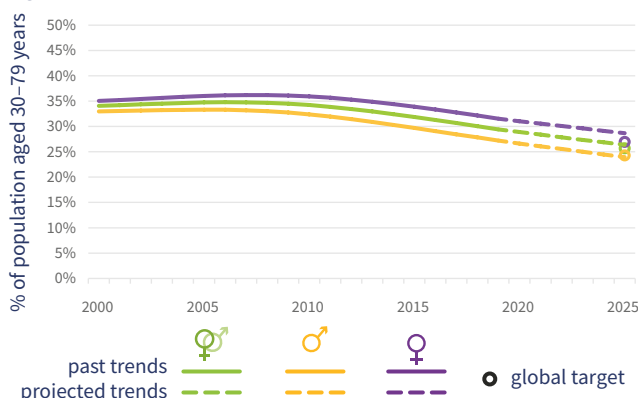
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



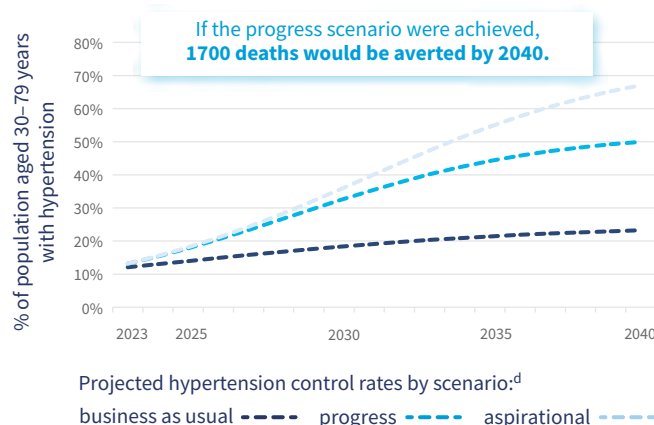
Of the 82 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	21	21	21	2019
Cardiovascular disease deaths	910	430	480	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	58	56	60	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	8	2019
Current tobacco use, adults aged 15+ years (%)	21	30	12	2019
Obesity, adults aged 18+ years (%)	8	3	12	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	14	10	19	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Congo

## Hypertension profile

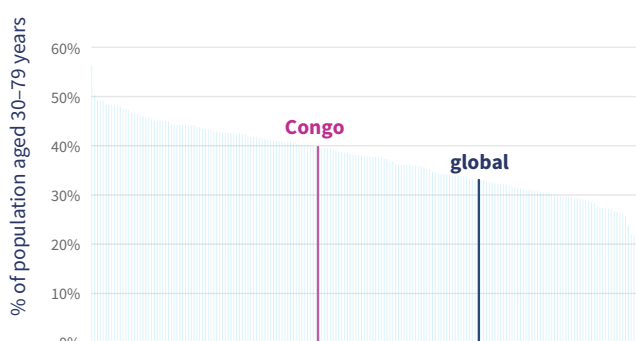
Total population (2019): 5 571 000

Total deaths (2019): 35 000

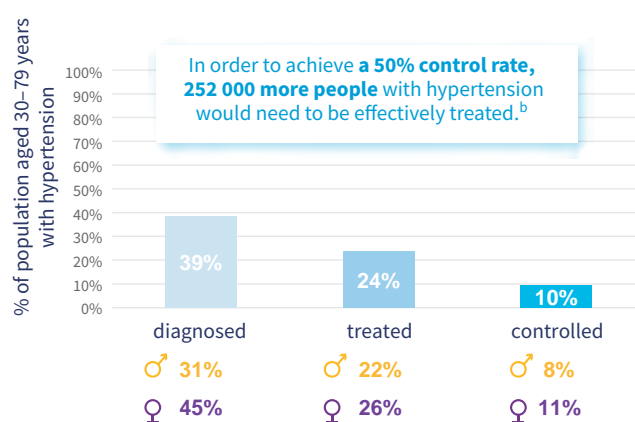
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 40% ♂ 38% ♀ 42%

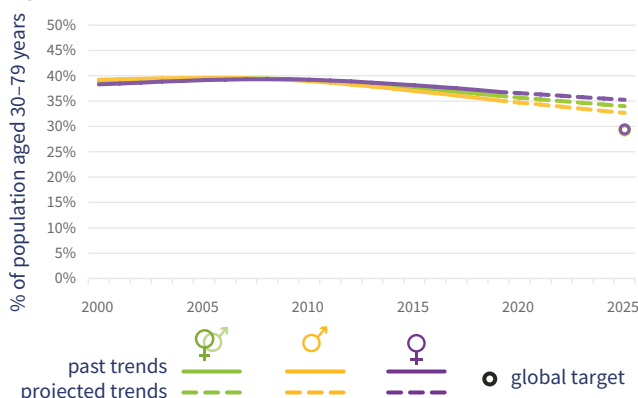
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



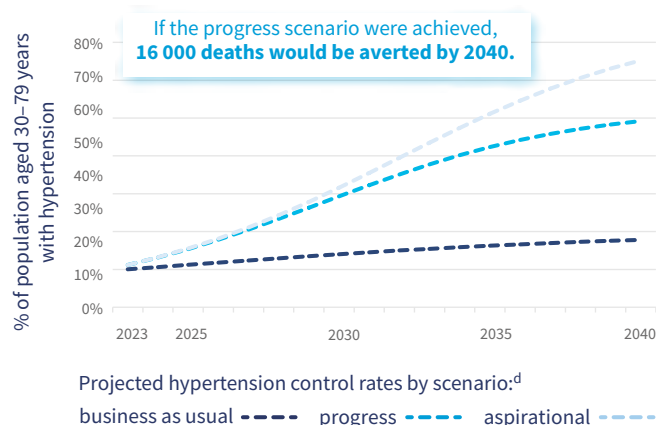
Of the **617 000** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	23	23	22	2019
Cardiovascular disease deaths	6300	2700	3600	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	66	63	68	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	14	26	2	2019
Obesity, adults aged 18+ years (%)	10	6	14	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	6	10	3	2019
Physical inactivity, adults aged 18+ years (%)	28	25	31	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Cook Islands

## Hypertension profile

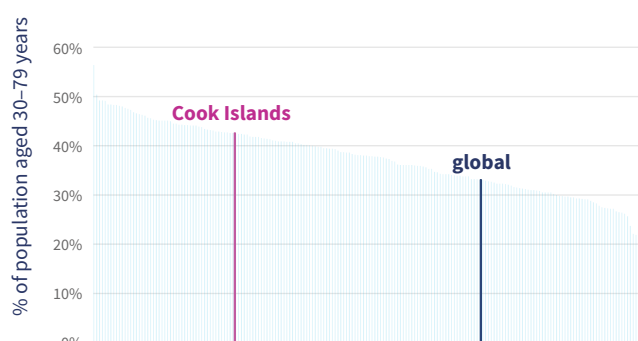
Total population (2019): 17 100

Total deaths (2019): no data

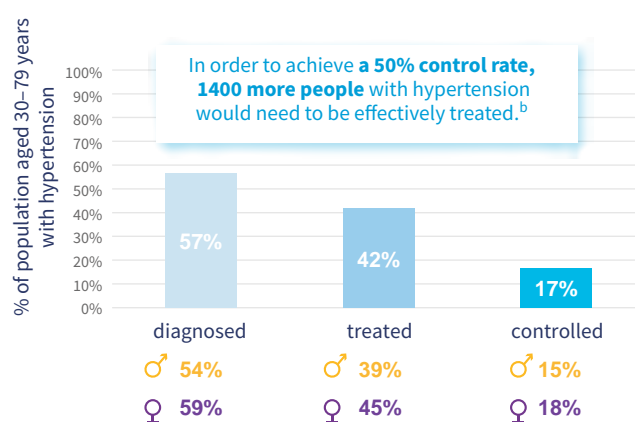
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 43% ♂ 45% ♀ 41%

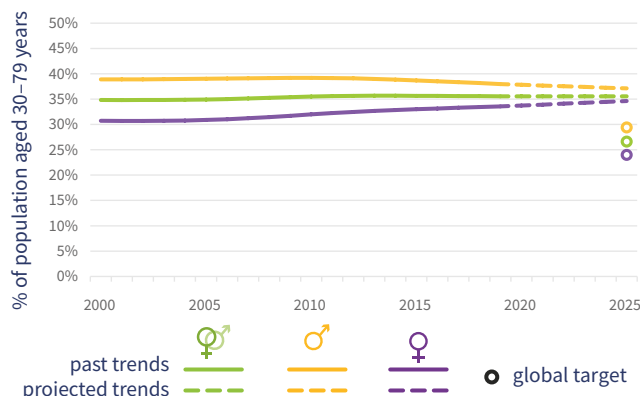
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



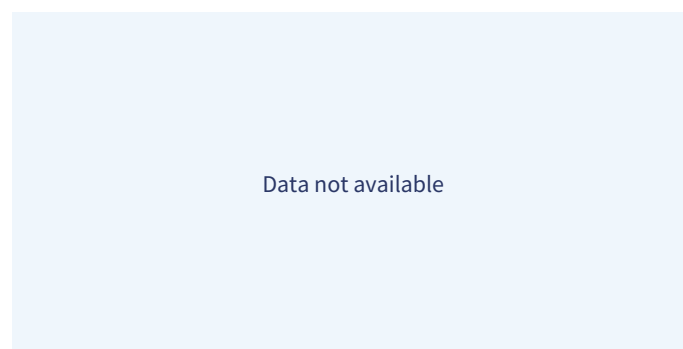
Of the 4500 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	no data	no data	no data	2019
Cardiovascular disease deaths	no data	no data	no data	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	63	64	63	2019

## Risk factors<sup>d</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	9	8	2019
Current tobacco use, adults aged 15+ years (%) <sup>e</sup>	25	28	21	2019
Obesity, adults aged 18+ years (%)	56	53	59	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	11	18	4	2019
Physical inactivity, adults aged 18+ years (%)	18	10	27	2016

## National response

### Targets

National target for blood pressure  
 National target for salt consumption



### Treatment

Guidelines for management of hypertension



### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
 Conducted recent, national survey on salt/sodium intake  
 Functioning system for generating reliable cause-specific mortality data on a routine basis



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Age-standardized estimates are presented for all indicators except salt intake. e. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Costa Rica

## Hypertension profile

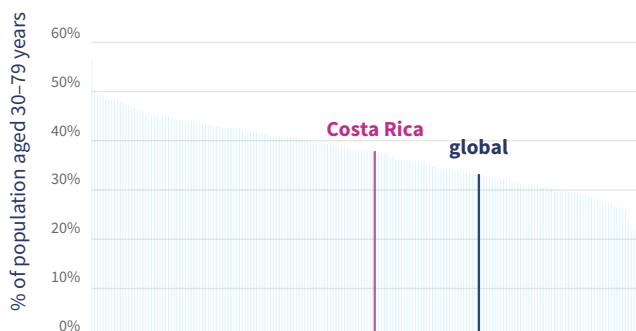
Total population (2019): 5 085 000

Total deaths (2019): 23 900

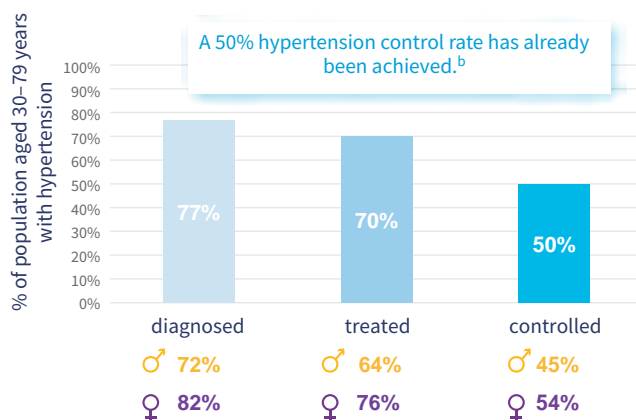
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 38% ♂ 36% ♀ 39%

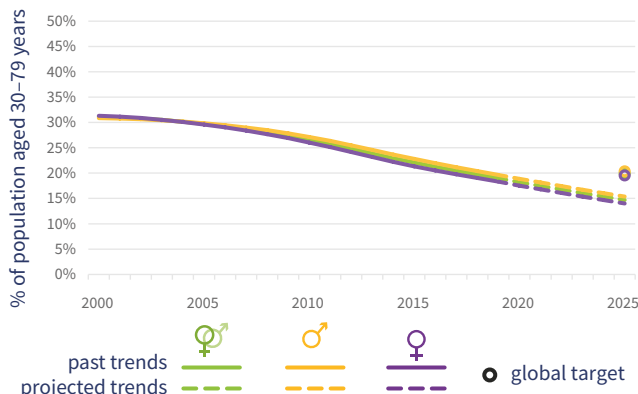
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



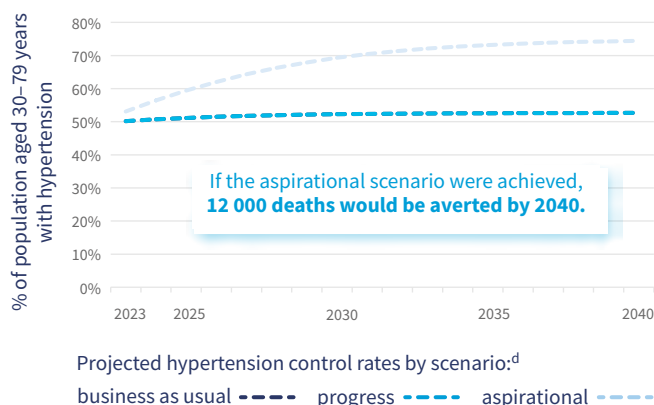
### Of the 1 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual – – – progress – – – aspirational – – –

## Mortality

Probability of premature mortality from NCDs (%)

Cardiovascular disease deaths

Cardiovascular disease deaths attributable to high systolic blood pressure (%)

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	10	11	8	2019
Cardiovascular disease deaths	6100	3300	2800	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	59	59	59	2019

## Risk factors<sup>e</sup>

Mean population salt intake, adults aged 25+ years (g/day)

Current tobacco use, adults aged 15+ years (%)

Obesity, adults aged 18+ years (%)

Total alcohol per capita consumption, adults aged 15+ years (litres)

Physical inactivity, adults aged 18+ years (%)

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	9	2019
Current tobacco use, adults aged 15+ years (%)	9	13	5	2019
Obesity, adults aged 18+ years (%)	26	21	30	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	3	6	1	2019
Physical inactivity, adults aged 18+ years (%)	46	38	54	2016

## National response

### Targets

National target for blood pressure

National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension

Conducted recent, national survey on salt/sodium intake

Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

✗

✓

✓

✗

✓

✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Côte d'Ivoire

## Hypertension profile

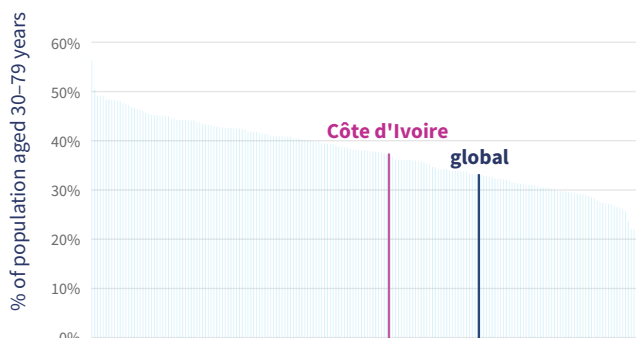
Total population (2019): 26 148 000

Total deaths (2019): 195 000

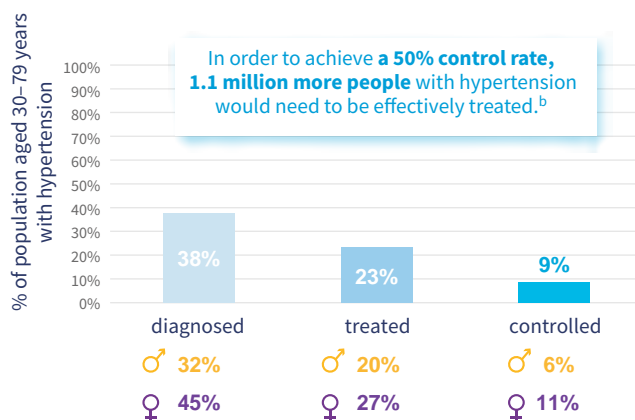
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 37% ♂ 37% ♀ 38%

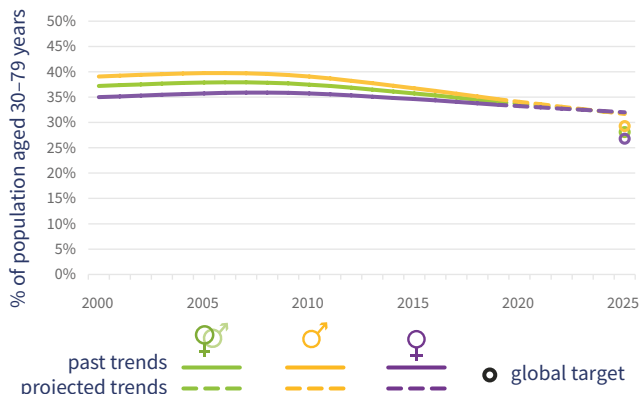
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



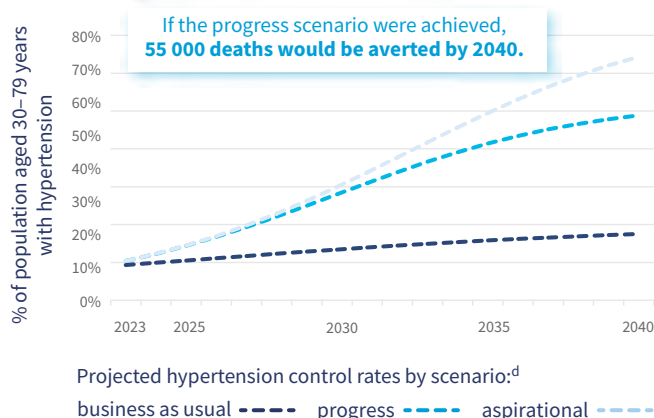
Of the 2.5 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	22	24	19	2019
Cardiovascular disease deaths	25 900	15 800	10 200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	63	63	63	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	10	19	1	2019
Obesity, adults aged 18+ years (%)	10	6	15	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	3	5	1	2019
Physical inactivity, adults aged 18+ years (%)	33	29	37	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Croatia

## Hypertension profile

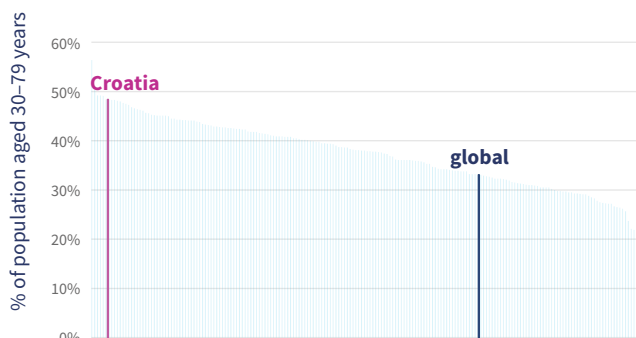
Total population (2019): 4 130 000

Total deaths (2019): 51 800

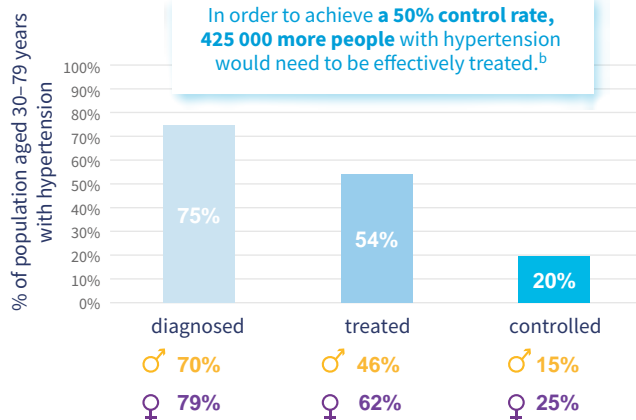
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 48% ♂ 51% ♀ 45%

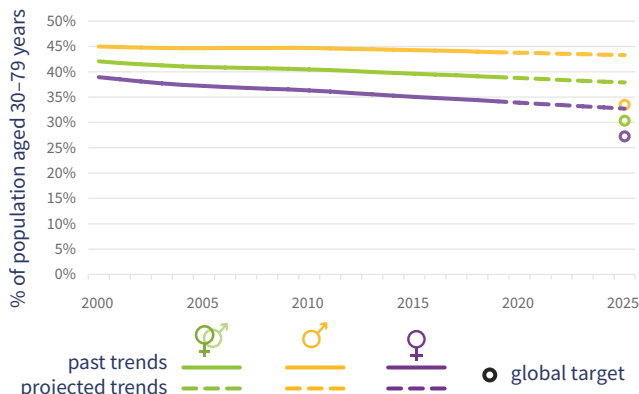
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



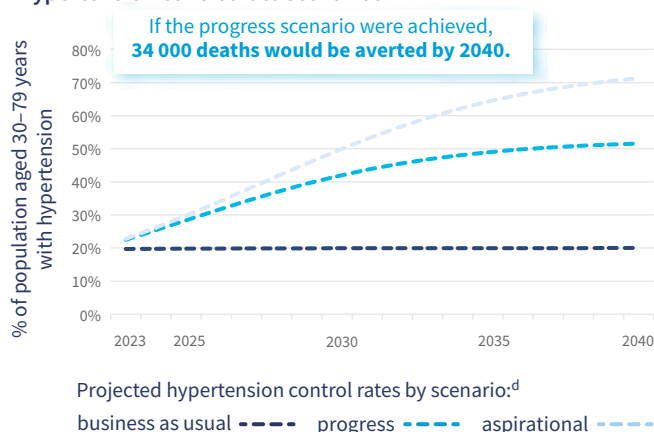
Of the 1.5 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual — progress — aspirational —

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	16	22	11	2019
Cardiovascular disease deaths	22 100	9700	12 400	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	57	57	57	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	13	15	11	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	37	38	36	2019
Obesity, adults aged 18+ years (%)	24	24	25	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	9	14	4	2019
Physical inactivity, adults aged 18+ years (%)	31	26	36	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.



# Cuba

## Hypertension profile

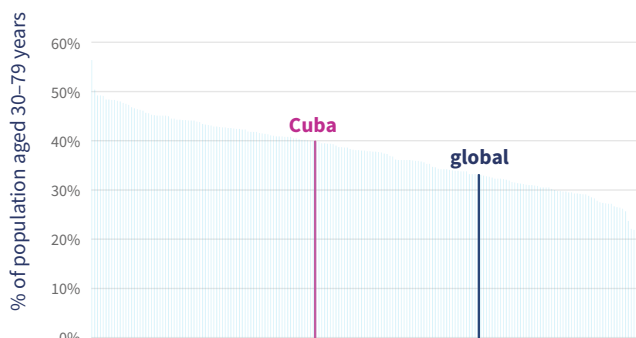
Total population (2019): 11 317 000

Total deaths (2019): 111 000

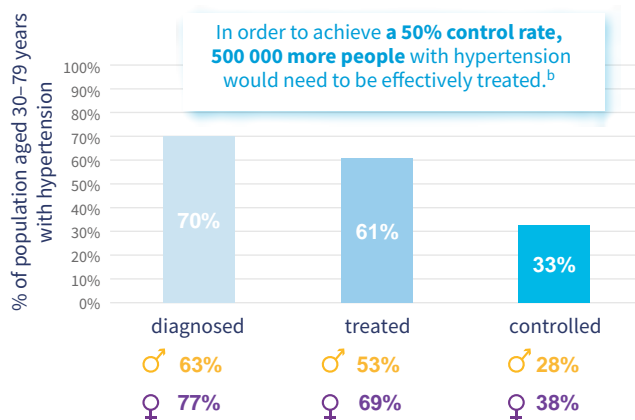
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 40% ♂ 40% ♀ 40%

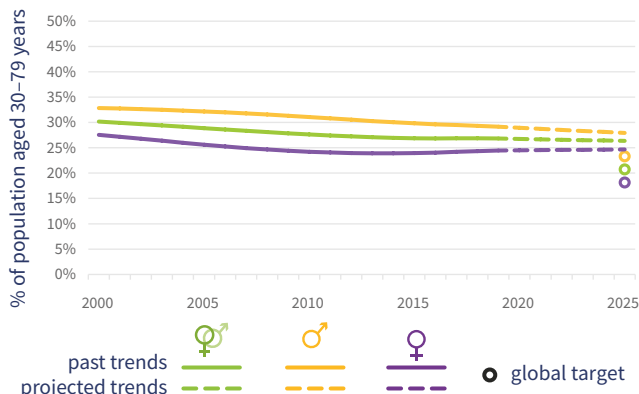
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



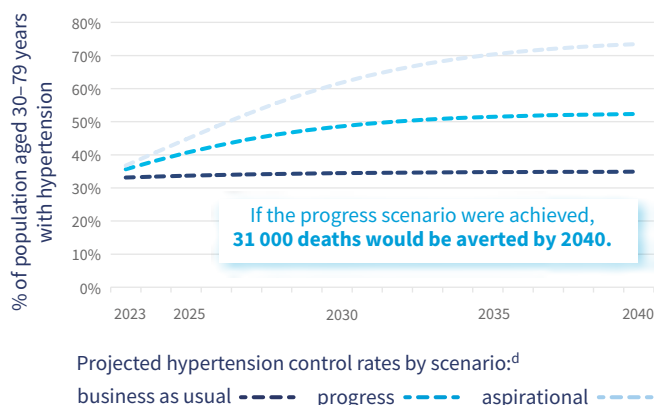
Of the 3.1 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	17	20	13	2019
Cardiovascular disease deaths	40 600	21 400	19 200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	45	46	44	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%)	19	26	11	2019
Obesity, adults aged 18+ years (%)	25	19	30	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	6	10	2	2019
Physical inactivity, adults aged 18+ years (%)	37	31	43	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Cyprus

## Hypertension profile

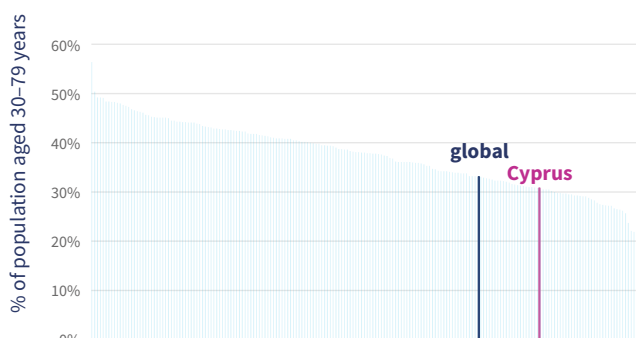
Total population (2019): 1 229 000

Total deaths (2019): 6760

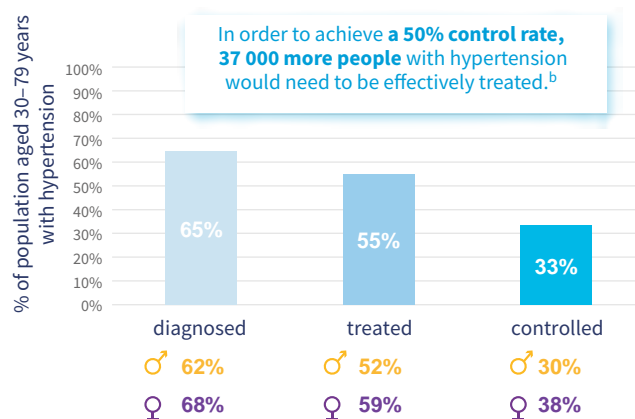
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 31% ♂ 36% ♀ 26%

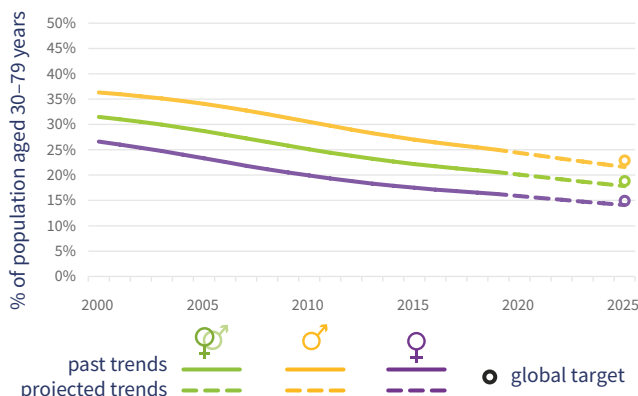
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



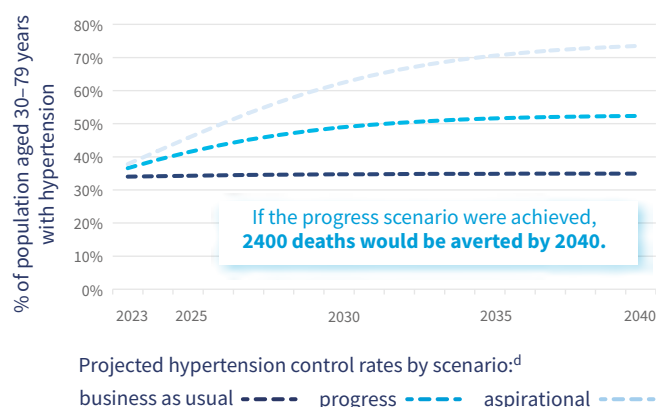
Of the 235 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	8	11	6	2019
Cardiovascular disease deaths	2100	1100	1000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	52	53	50	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	10	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	36	48	23	2019
Obesity, adults aged 18+ years (%)	22	22	22	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	8	13	3	2019
Physical inactivity, adults aged 18+ years (%)	44	38	51	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

✗  
✗

### Treatment

Guidelines for management of hypertension

✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

no data  
no data  
✗

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Czechia

## Hypertension profile

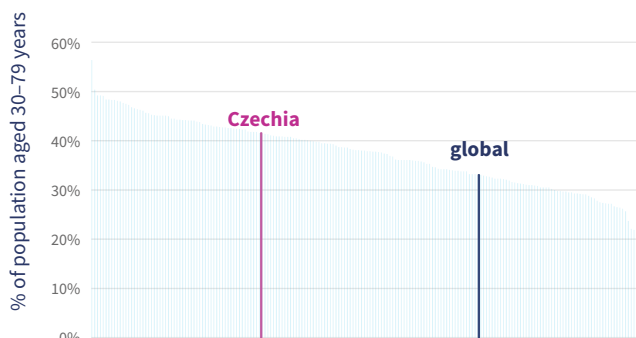
Total population (2019): 10 537 000

Total deaths (2019): 113 000

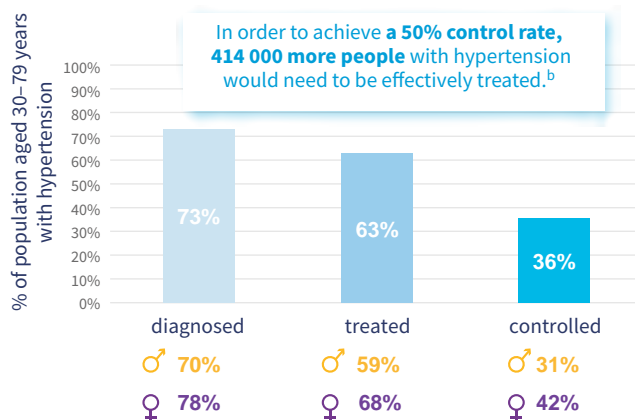
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 42% ♂ 49% ♀ 34%

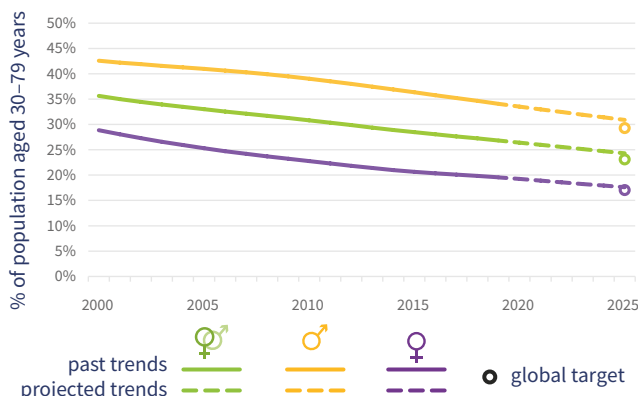
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



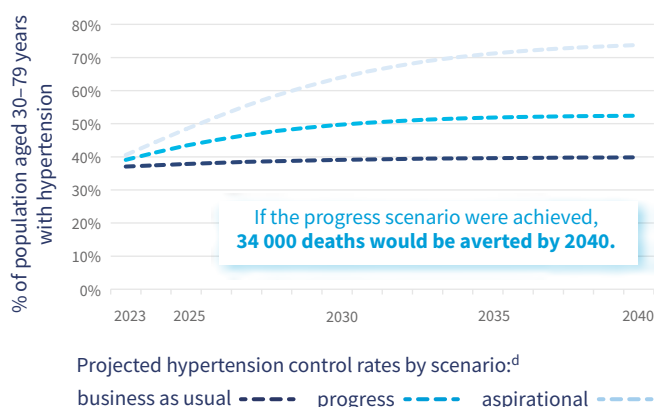
Of the **3.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	14	19	10	2019
Cardiovascular disease deaths	47 900	22 600	25 400	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	47	51	43	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	13	15	11	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	31	35	27	2019
Obesity, adults aged 18+ years (%)	26	26	25	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	13	21	6	2019
Physical inactivity, adults aged 18+ years (%)	31	28	34	2016

## National response

### Targets

National target for blood pressure  
 National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
 Conducted recent, national survey on salt/sodium intake  
 Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Democratic People's Republic of Korea

Total population (2019): 25 755 000

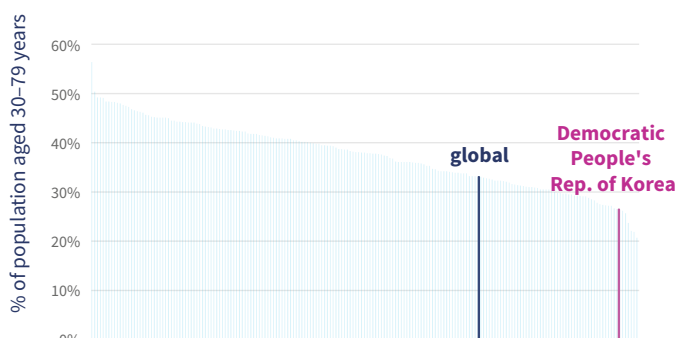
## Hypertension profile

Total deaths (2019): 225 000!

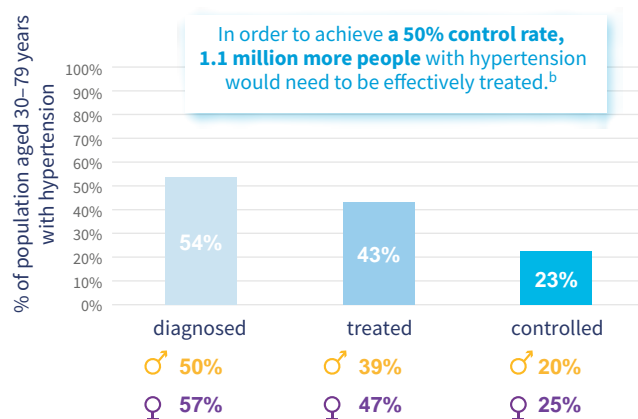
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 27% ♂ 28% ♀ 25%

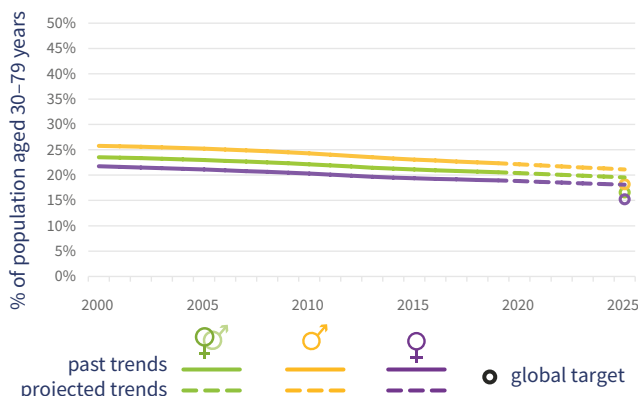
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



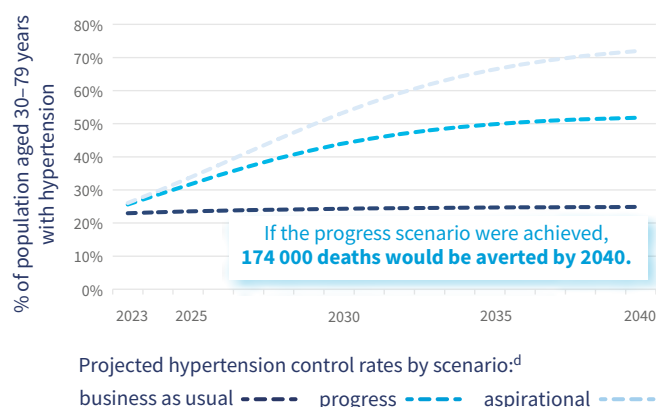
### Of the 4 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	24	30	19	2019
Cardiovascular disease deaths	90 900	41 400	49 500	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	47	50	44	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	12	13	12	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	18	36	0	2019
Obesity, adults aged 18+ years (%)	7	6	7	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	4	7	2	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Democratic Republic of the Congo

## Hypertension profile

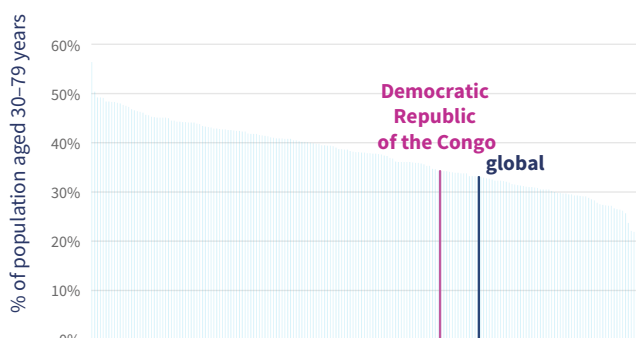
Total population (2019): 89 907 000

Total deaths (2019): 722 000

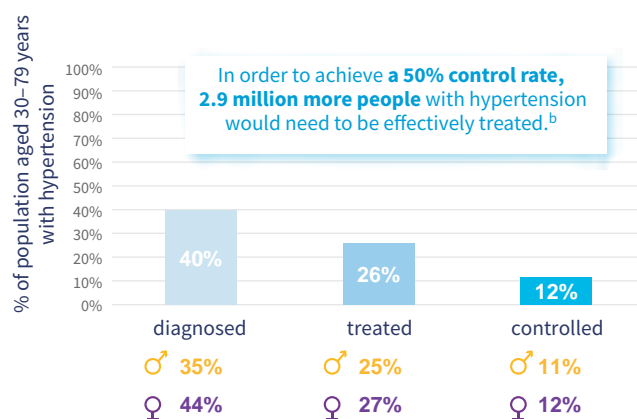
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 34% ♂ 33% ♀ 36%

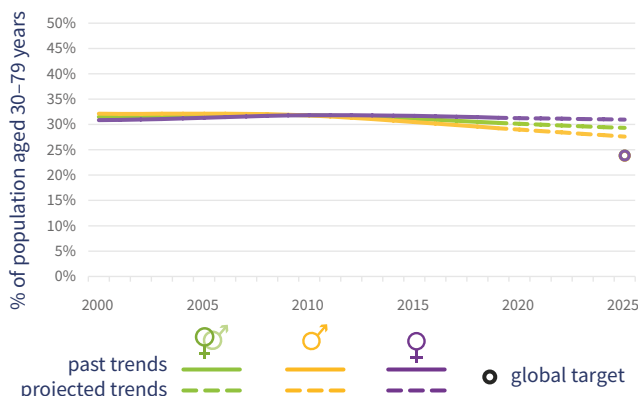
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



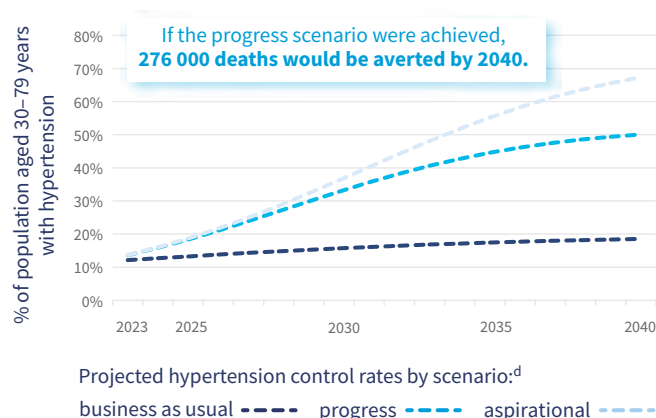
Of the **7.4 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	24	26	22	2019
Cardiovascular disease deaths	98 600	47 700	50 900	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	61	59	62	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	6	5	2019
Current tobacco use, adults aged 15+ years (%)	13	23	3	2019
Obesity, adults aged 18+ years (%)	7	4	10	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	3	1	2019
Physical inactivity, adults aged 18+ years (%)	24	21	27	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Denmark

## Hypertension profile

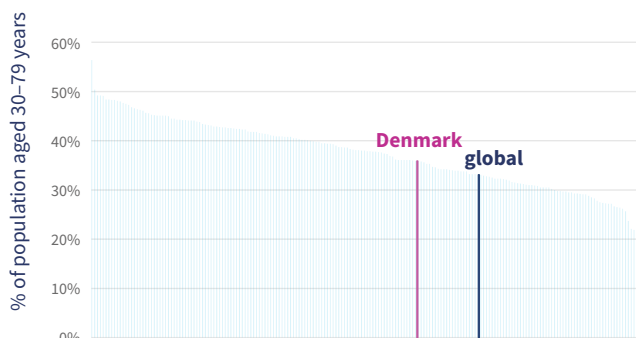
Total population (2019): 5 796 000

Total deaths (2019): 54 000

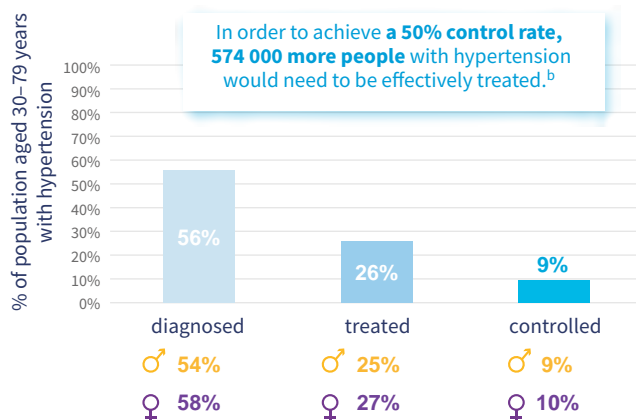
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 36% ♂ 43% ♀ 29%

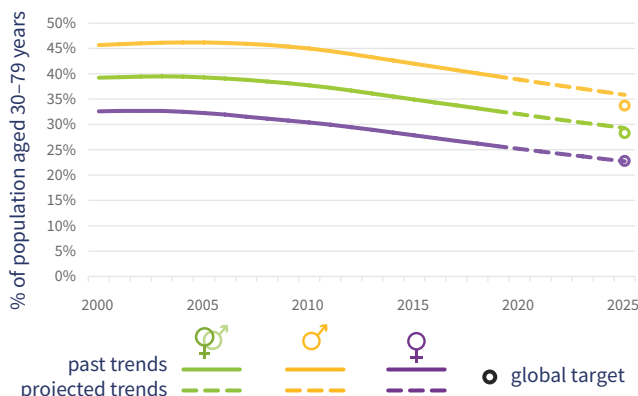
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



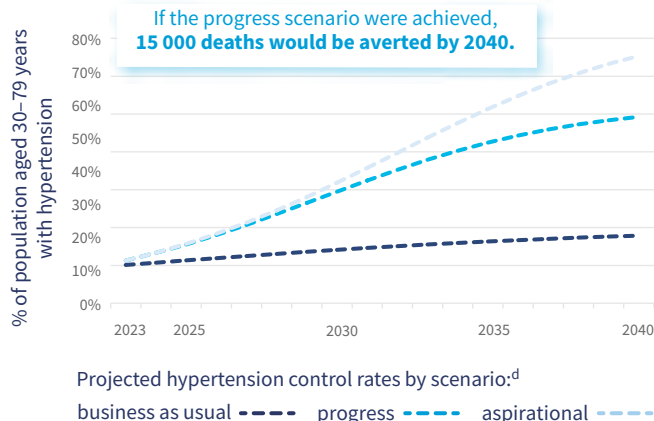
Of the **1.5 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	11	13	9	2019
Cardiovascular disease deaths	12 800	6600	6200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	52	53	50	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	9	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	18	18	18	2019
Obesity, adults aged 18+ years (%)	20	22	17	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	9	15	4	2019
Physical inactivity, adults aged 18+ years (%)	29	26	31	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $<$ 140 mmHg and DBP  $<$ 90 mmHg. c. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Djibouti

## Hypertension profile

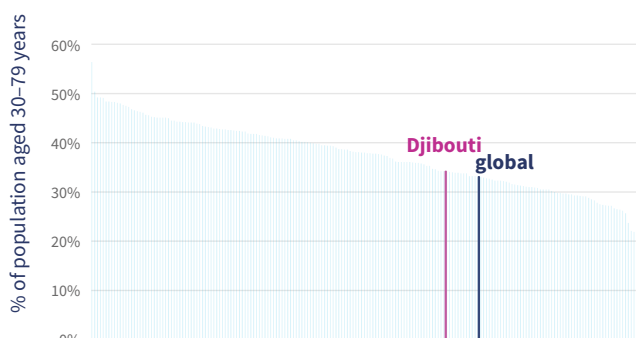
Total population (2019): 1 074 000

Total deaths (2019): 7270

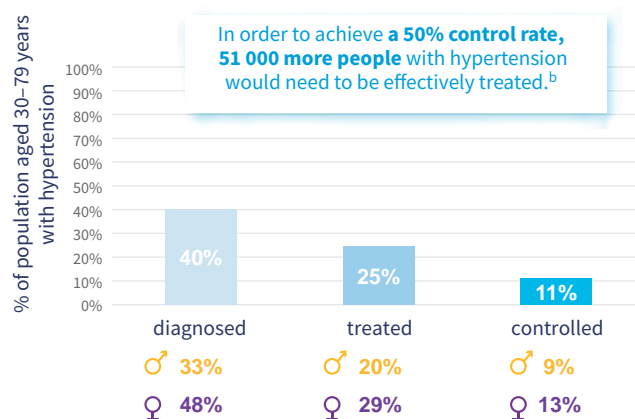
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 34% ♂ 33% ♀ 36%

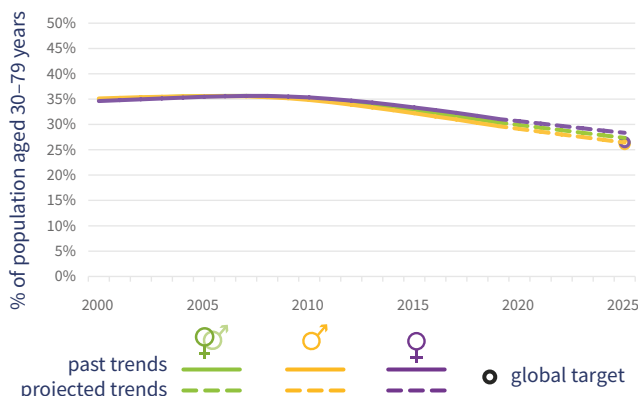
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



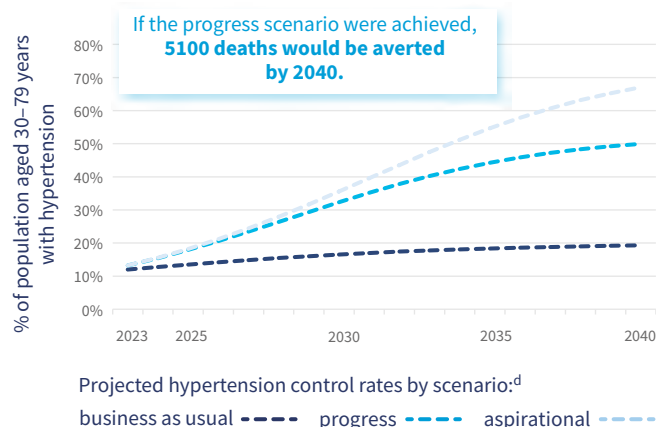
Of the 130 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	22	23	21	2019
Cardiovascular disease deaths	1700	910	820	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	60	60	61	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	6	8	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	14	9	18	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	1	0	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.



# Dominica

## Hypertension profile

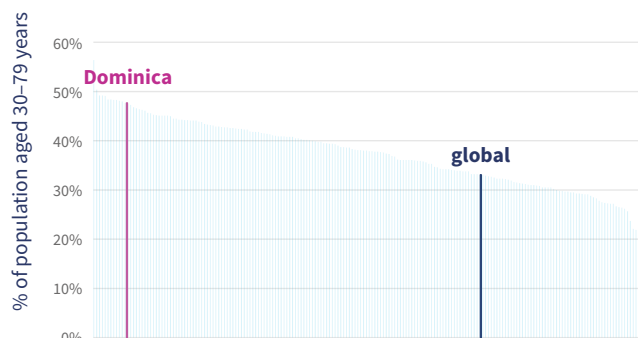
Total population (2019): 71 400

Total deaths (2019): no data

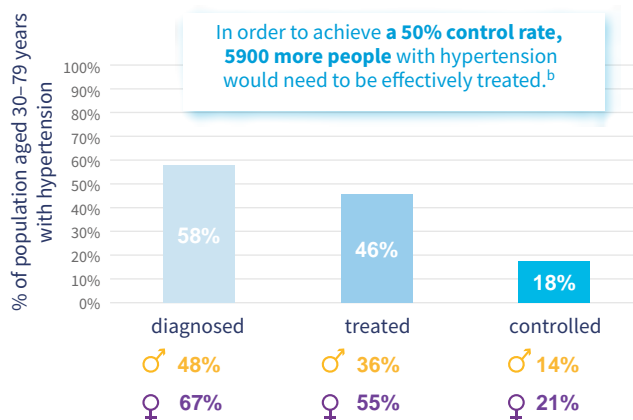
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 48% ♂ 46% ♀ 50%

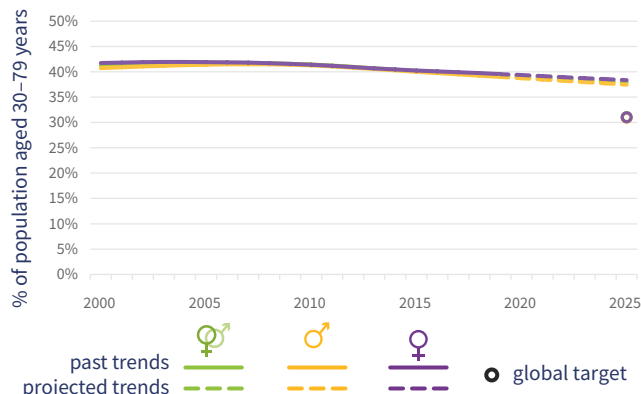
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



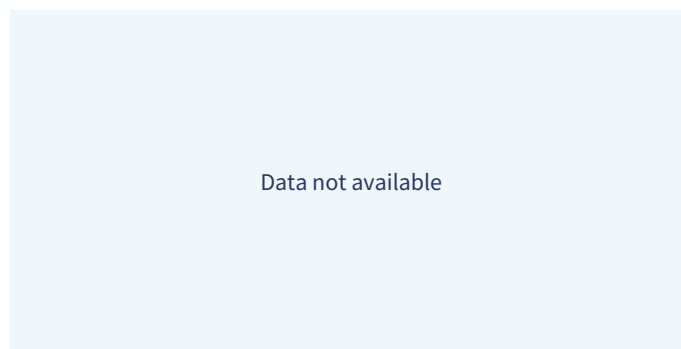
### Of the 18 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	no data	no data	no data	2019
Cardiovascular disease deaths	no data	no data	no data	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	53	56	50	2019

## Risk factors<sup>d</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	28	20	36	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	6	10	2	2019
Physical inactivity, adults aged 18+ years (%)	22	13	30	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

✗  
✗

### Treatment

Guidelines for management of hypertension

✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

✗  
✗  
✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Age-standardized estimates are presented for all indicators except salt intake.

# Dominican Republic

## Hypertension profile

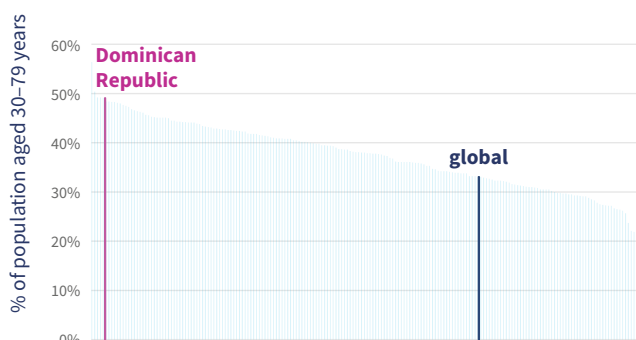
Total population (2019): 10 882 000

Total deaths (2019): 72 900!

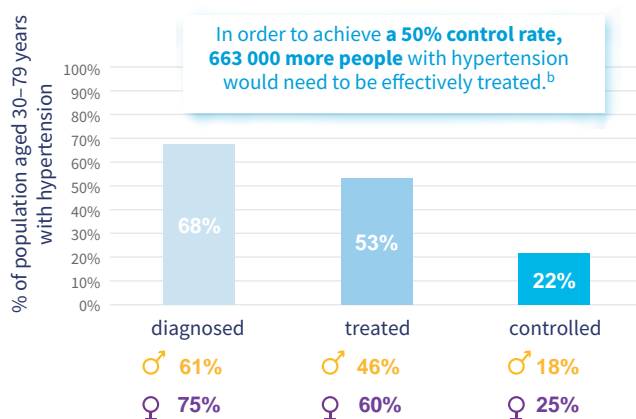
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 49% ♂ 49% ♀ 49%

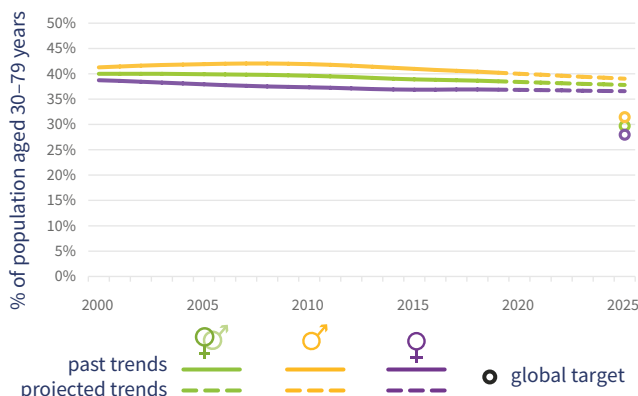
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



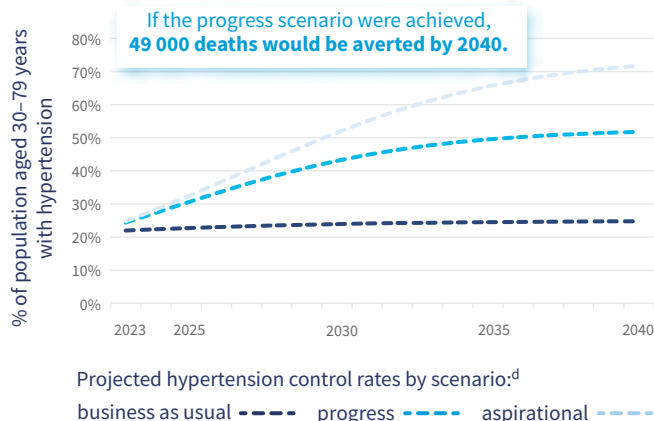
Of the **2.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	19	22	16	2019
Cardiovascular disease deaths	26 500	14 100	12 400	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	53	54	52	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%)	11	15	7	2019
Obesity, adults aged 18+ years (%)	28	21	34	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	7	11	3	2019
Physical inactivity, adults aged 18+ years (%)	39	34	43	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

✓  
✗

### Treatment

Guidelines for management of hypertension

✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

✓  
✗  
✗

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Ecuador

## Hypertension profile

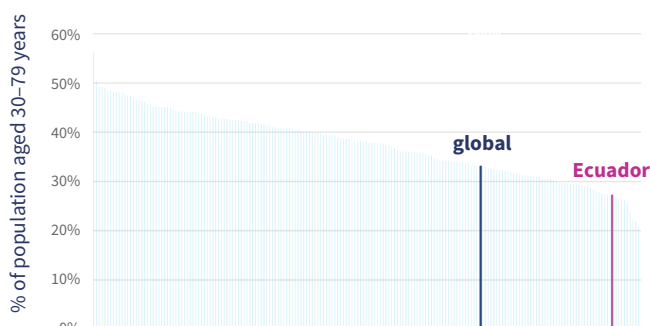
Total population (2019): 17 344 000

Total deaths (2019): 80 200

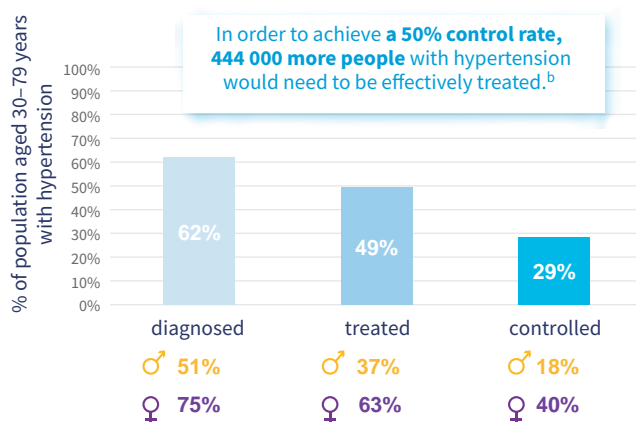
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 27% ♂ 29% ♀ 25%

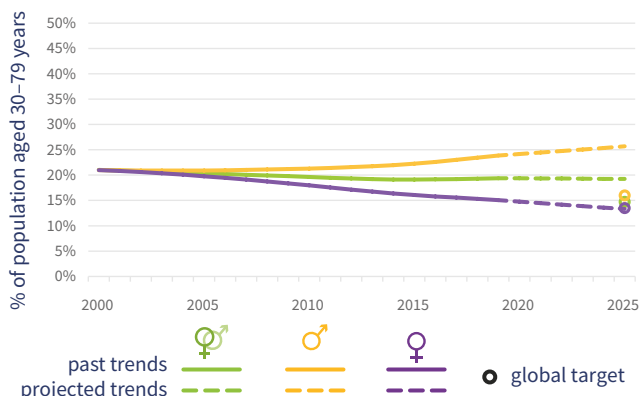
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



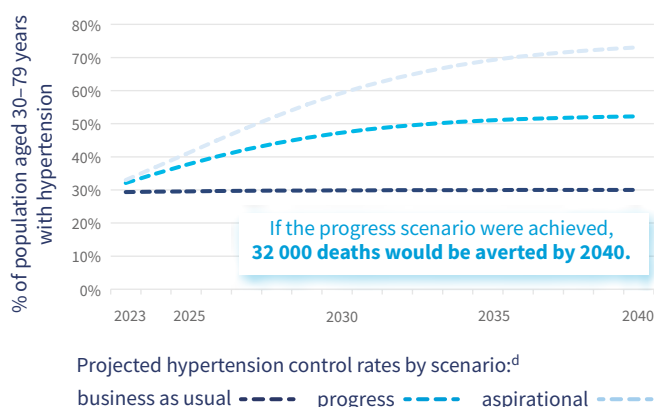
### Of the 2 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	11	12	10	2019
Cardiovascular disease deaths	19 600	10 200	9400	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	43	43	44	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	8	2019
Current tobacco use, adults aged 15+ years (%)	12	19	4	2019
Obesity, adults aged 18+ years (%)	20	15	25	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	3	5	1	2019
Physical inactivity, adults aged 18+ years (%)	27	25	30	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Egypt

## Hypertension profile

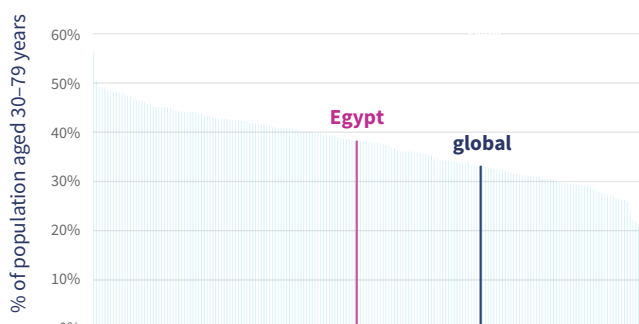
Total population (2019): 105 600 000

Total deaths (2019): 575 000

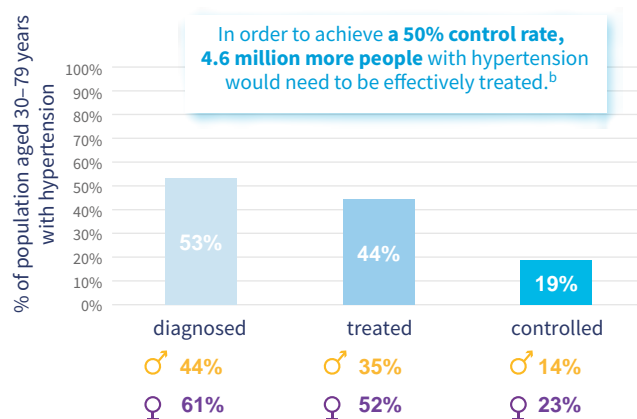
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 38% ♂ 36% ♀ 41%

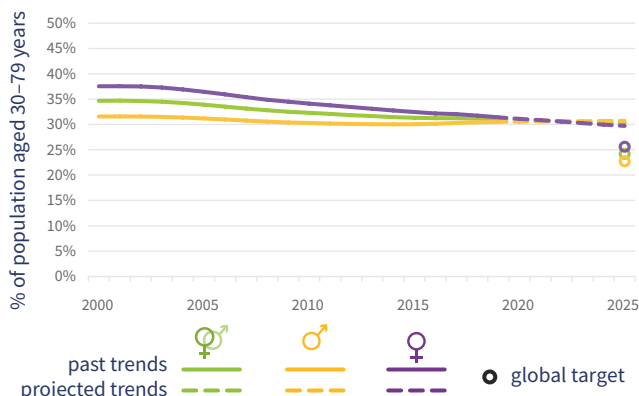
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



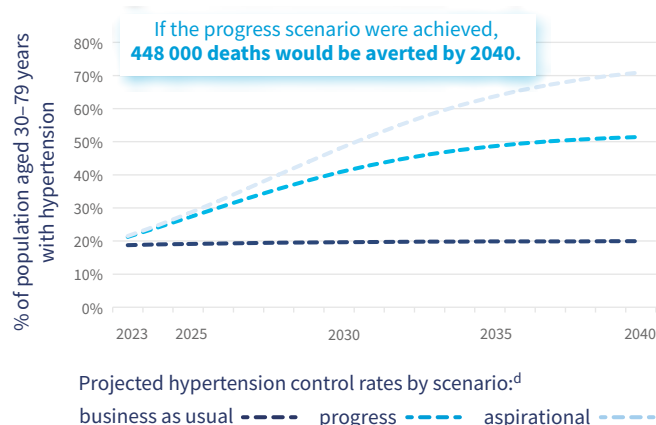
Of the **14.5 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	28	33	23	2019
Cardiovascular disease deaths	253 000	136 000	117 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	57	55	60	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	7	5	2019
Current tobacco use, adults aged 15+ years (%)	24	48	0	2019
Obesity, adults aged 18+ years (%)	32	23	41	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	31	23	39	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# El Salvador

## Hypertension profile

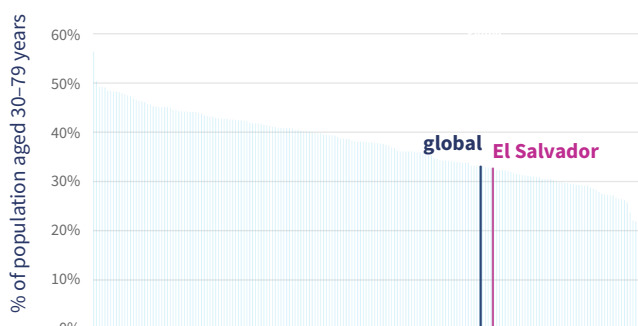
Total population (2019): 6 280 000

Total deaths (2019): 40 700!

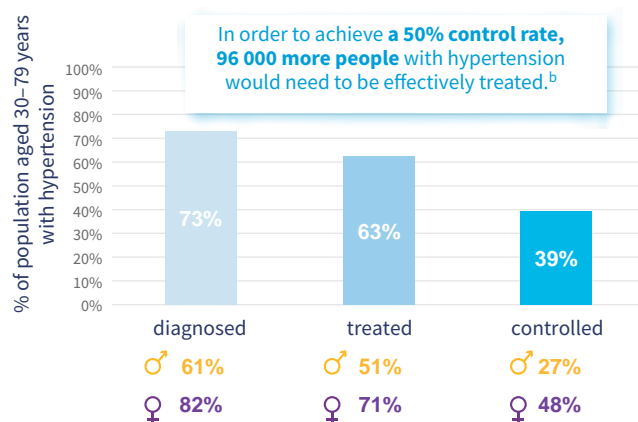
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 33% ♂ 31% ♀ 34%

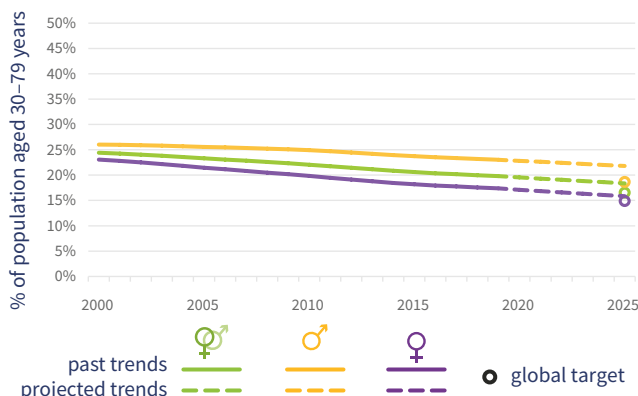
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



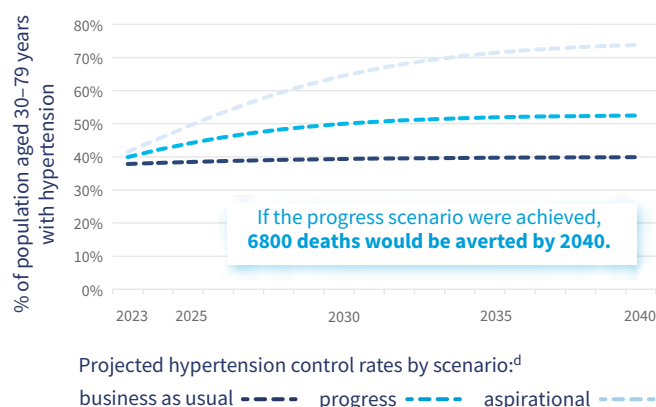
Of the **918 000** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	11	12	10	2019
Cardiovascular disease deaths	8200	4200	4100	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	52	52	51	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	9	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	8	15	2	2019
Obesity, adults aged 18+ years (%)	25	19	29	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	3	6	1	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Equatorial Guinea

## Hypertension profile

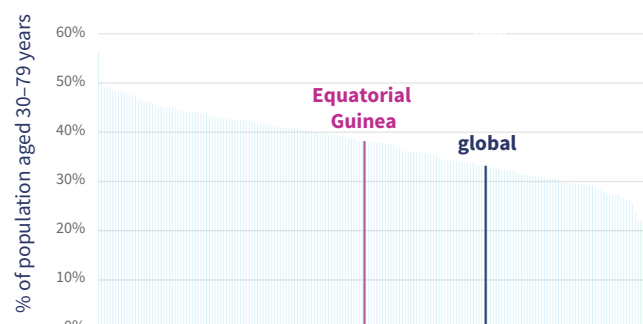
Total population (2019): 1 553 000

Total deaths (2019): 10 200

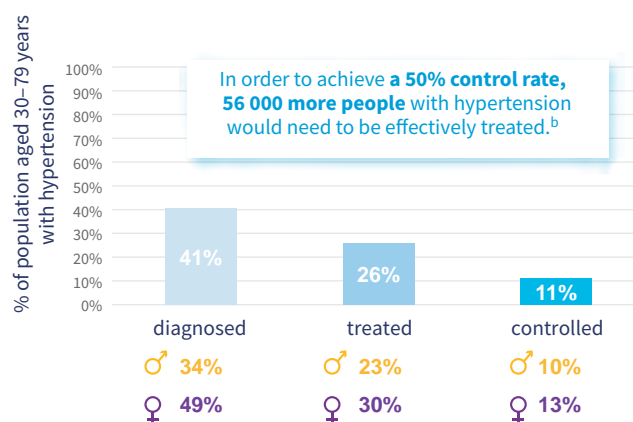
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 38% ♂ 37% ♀ 40%

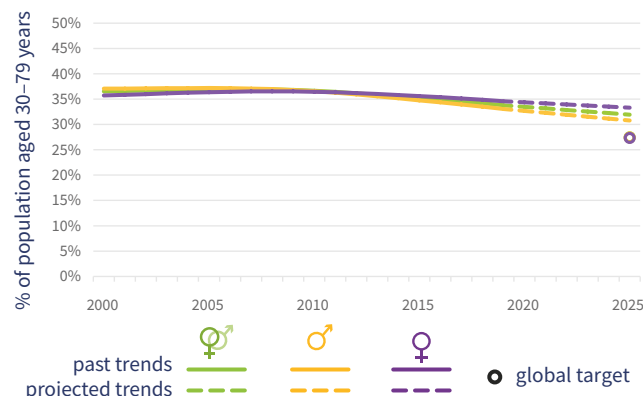
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



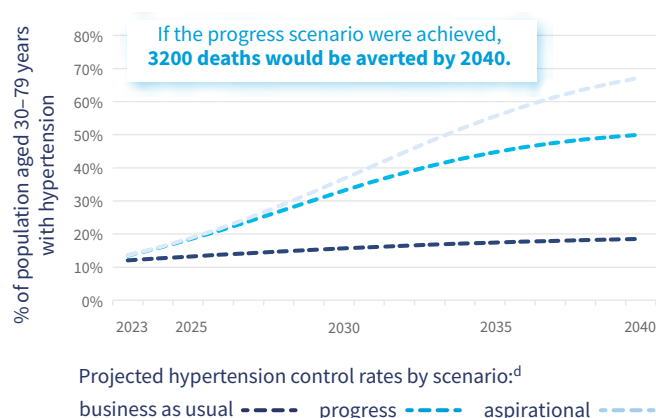
Of the **141 000** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	22	22	23	2019
Cardiovascular disease deaths	1200	530	660	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	65	61	68	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	8	4	13	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	7	10	3	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

✓  
✗

### Treatment

Guidelines for management of hypertension

✗

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

✗  
✗  
✗

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Eritrea

## Hypertension profile

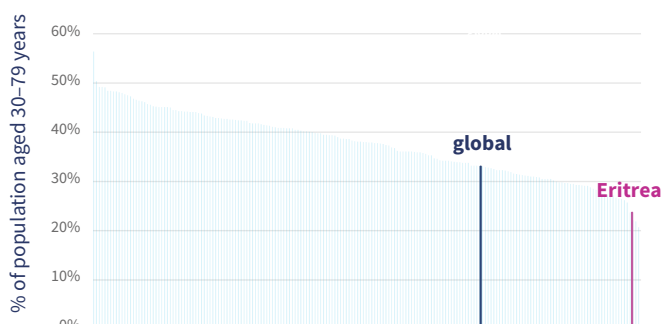
Total population (2019): 3 499 000

Total deaths (2019): 27 800

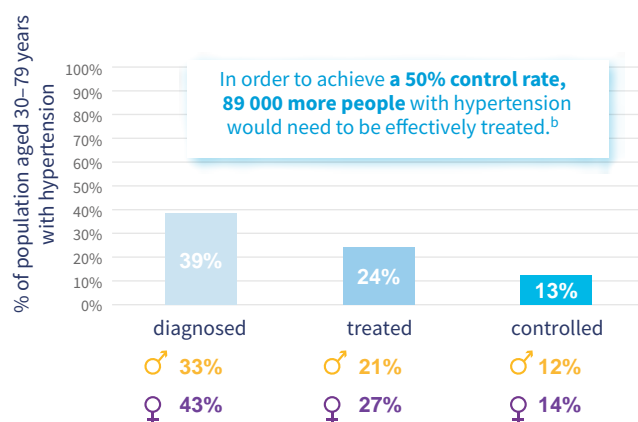
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 24% ♂ 23% ♀ 25%

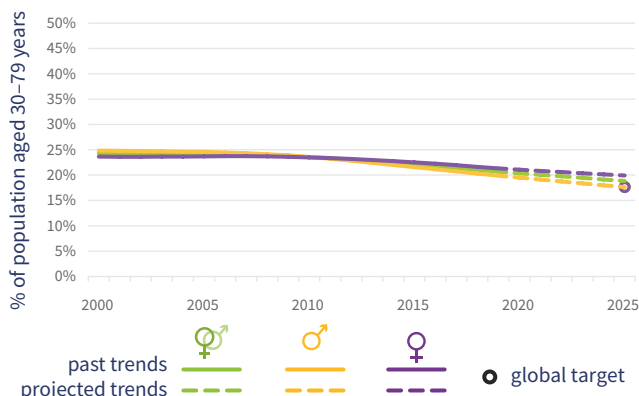
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



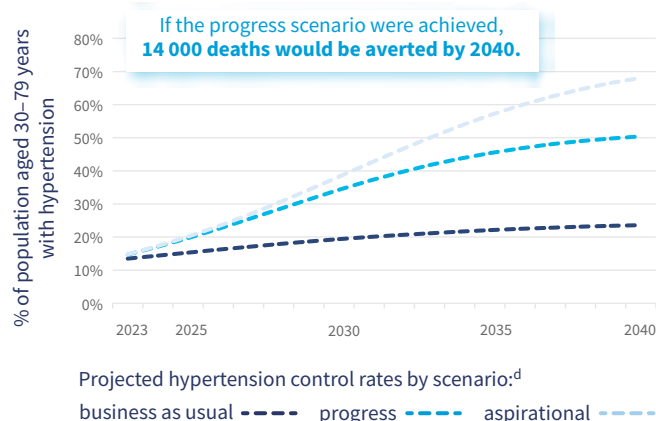
Of the 236 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	27	29	24	2019
Cardiovascular disease deaths	6200	3100	3100	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	54	53	56	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	6	8	2019
Current tobacco use, adults aged 15+ years (%)	8	15	0	2019
Obesity, adults aged 18+ years (%)	5	2	8	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	1	2	0	2019
Physical inactivity, adults aged 18+ years (%)	22	14	31	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.



# Estonia

## Hypertension profile

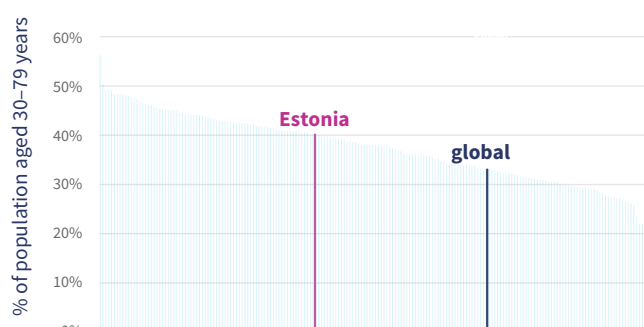
Total population (2019): 1 327 000

Total deaths (2019): 15 200

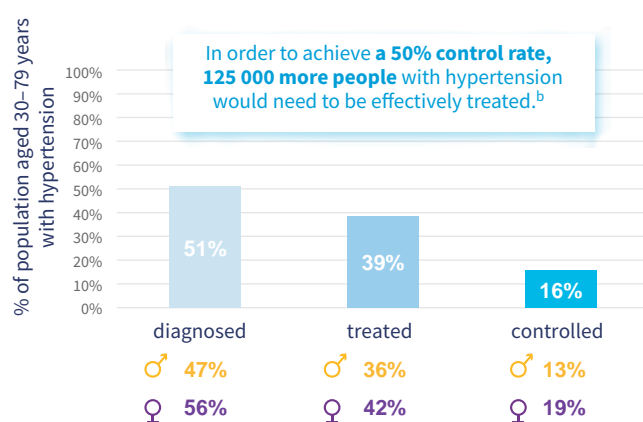
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 40% ♂ 46% ♀ 34%

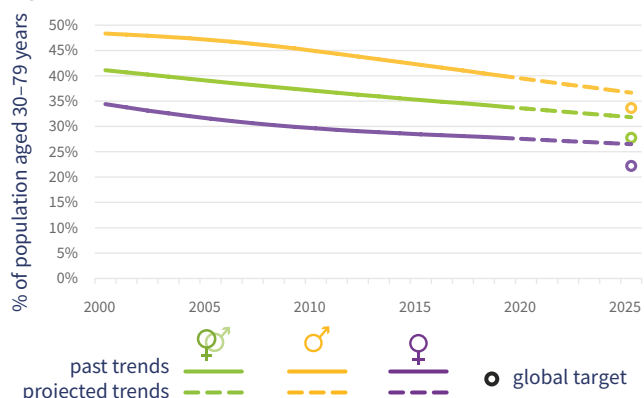
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



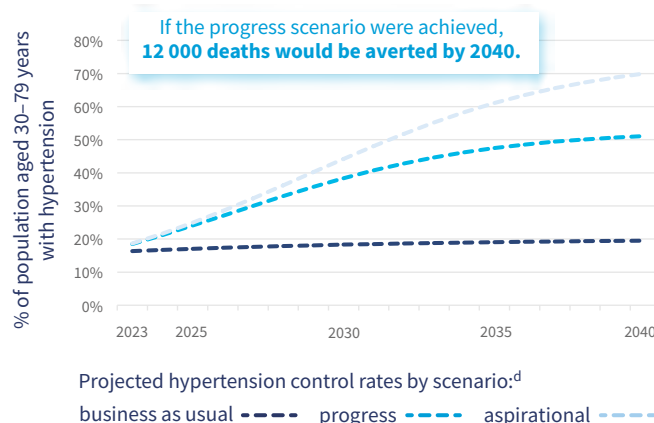
Of the 368 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual – – – progress – – – aspirational – – –

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	15	22	9	2019
Cardiovascular disease deaths	7700	3000	4700	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	63	63	63	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	7	5	2019
Current tobacco use, adults aged 15+ years (%)	31	37	24	2019
Obesity, adults aged 18+ years (%)	21	20	22	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	11	18	5	2019
Physical inactivity, adults aged 18+ years (%)	32	29	35	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

✗  
✗

✗  
✓  
✓

✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Eswatini

## Hypertension profile

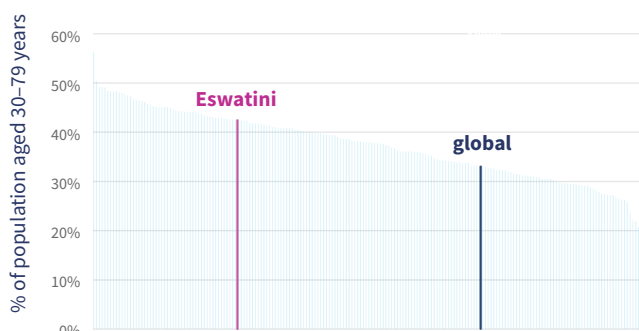
Total population (2019): 1 170 000

Total deaths (2019): 11 800!

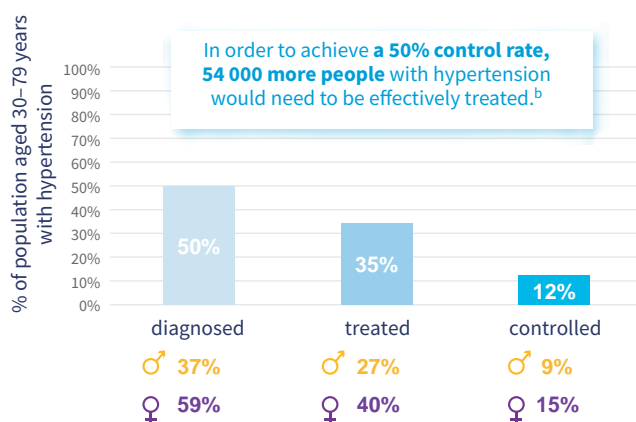
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 43% ♂ 37% ♀ 47%

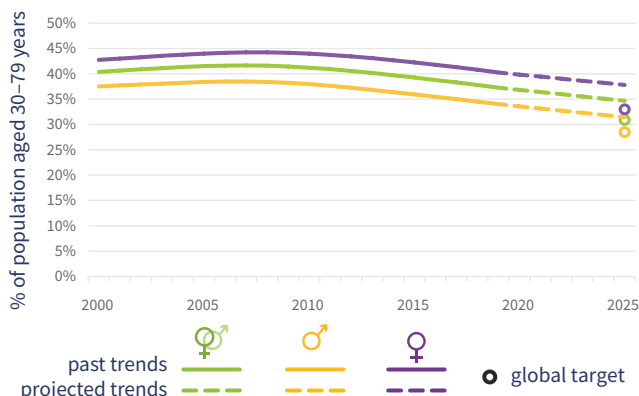
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



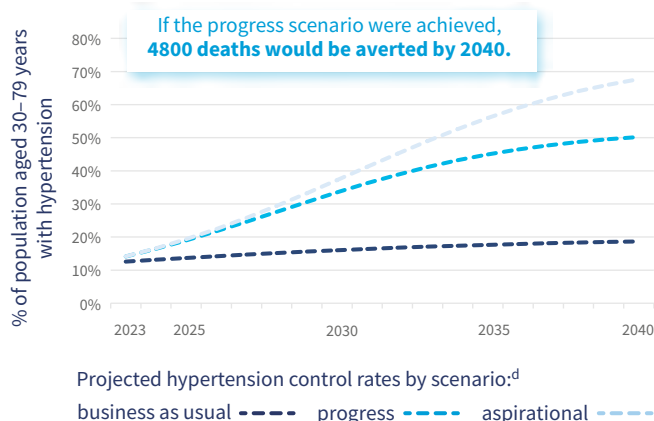
Of the **140 000** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	35	45	24	2019
Cardiovascular disease deaths	2100	1100	950	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	63	61	65	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	8	7	2019
Current tobacco use, adults aged 15+ years (%)	9	17	2	2019
Obesity, adults aged 18+ years (%)	17	5	26	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	8	14	3	2019
Physical inactivity, adults aged 18+ years (%)	28	24	32	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Ethiopia

## Hypertension profile

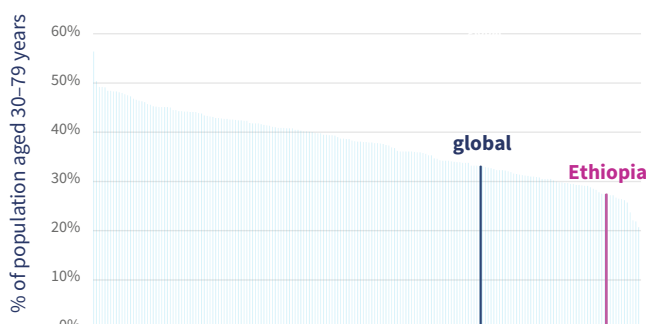
Total population (2019): 114 100 000

Total deaths (2019): 627 000!

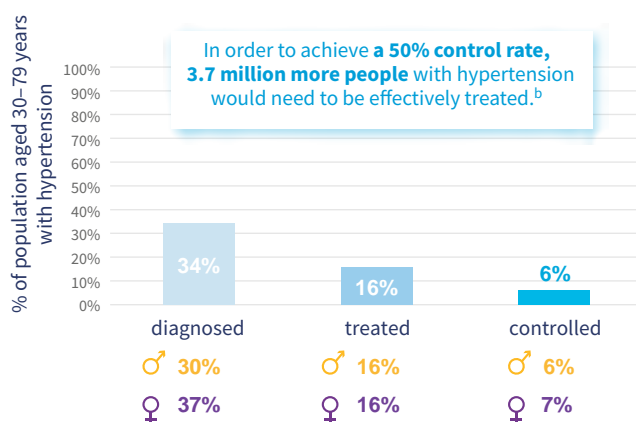
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 27% ♂ 25% ♀ 30%

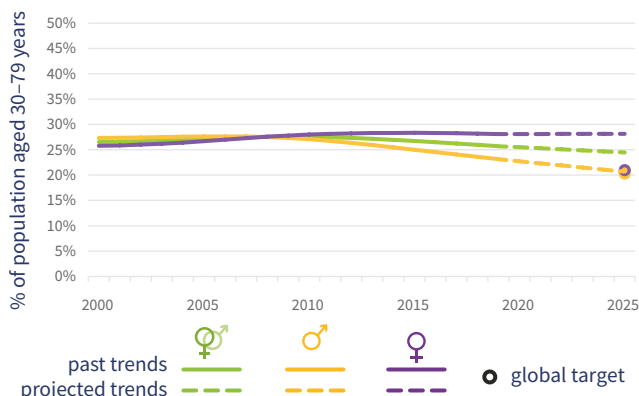
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



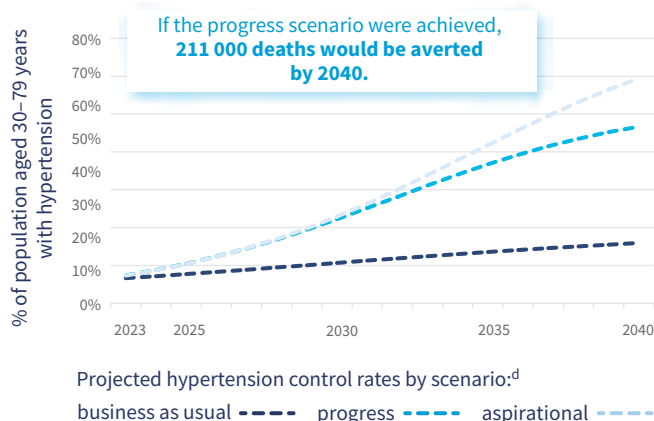
Of the **8.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	17	17	17	2019
Cardiovascular disease deaths	98 400	48 100	50 300	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	48	45	51	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	6	8	2019
Current tobacco use, adults aged 15+ years (%)	5	9	1	2019
Obesity, adults aged 18+ years (%)	5	2	7	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	3	6	1	2019
Physical inactivity, adults aged 18+ years (%)	15	11	18	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

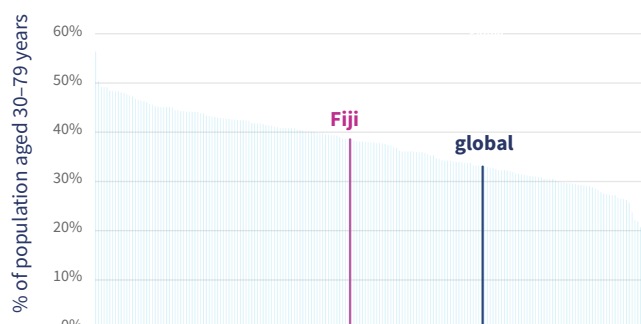
### Treatment

Guidelines for management of hypertension

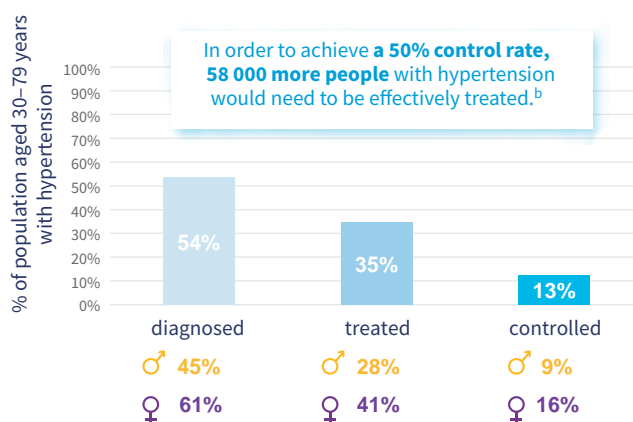
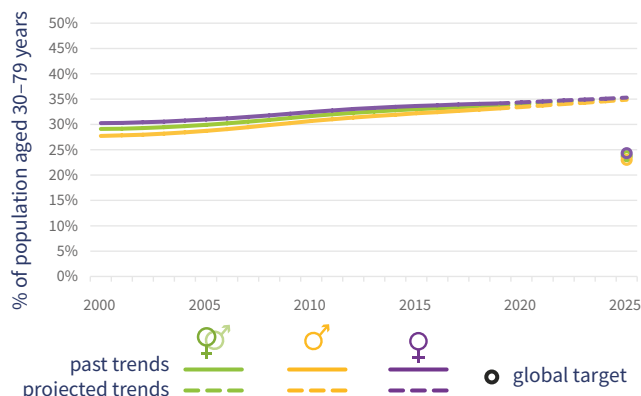
Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

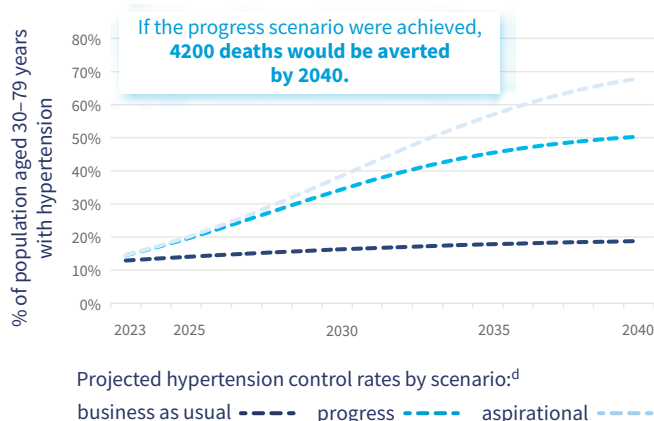
♀ 39% ♂ 37% ♀ 41%

Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>

Of the 153 000 adults aged 30–79 years with hypertension:

Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>

Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	38	42	33	2019
Cardiovascular disease deaths	2500	1500	970	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	62	61	65	2019

Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	23	36	11	2019
Obesity, adults aged 18+ years (%)	30	25	35	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	3	6	1	2019
Physical inactivity, adults aged 18+ years (%)	17	11	24	2016

## National response

## Targets

National target for blood pressure  
National target for salt consumption

## Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

## Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Finland

## Hypertension profile

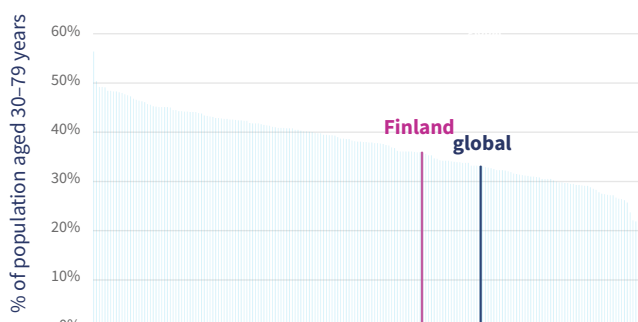
Total population (2019): 5 522 000

Total deaths (2019): 55 300

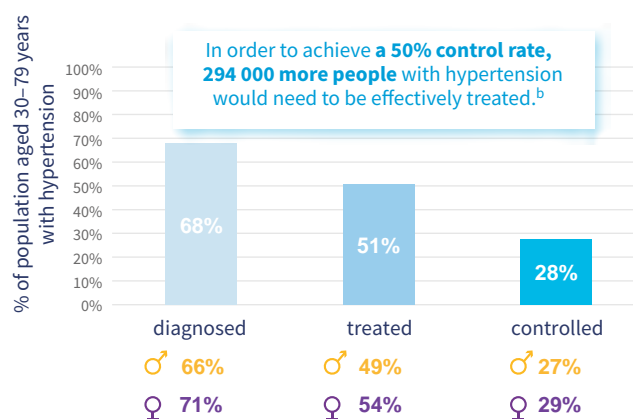
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 36% ♂ 41% ♀ 31%

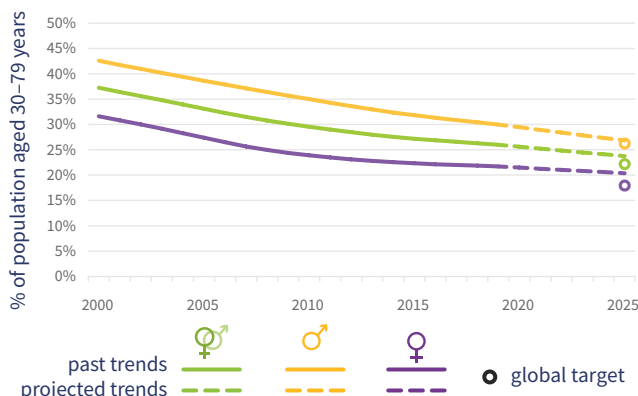
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



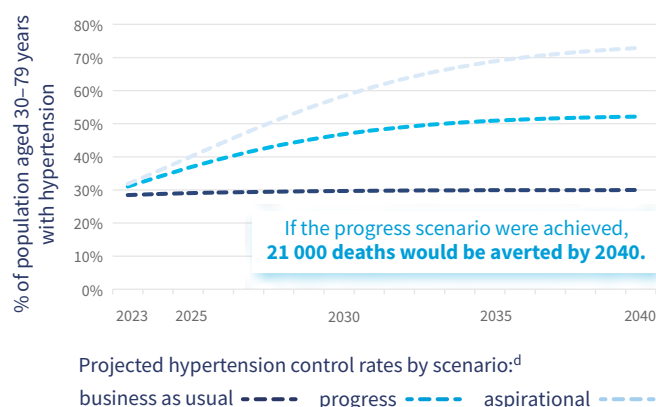
Of the **1.5 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	10	12	7	2019
Cardiovascular disease deaths	18 900	9600	9300	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	52	54	51	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	10	7	2019
Current tobacco use, adults aged 15+ years (%)	22	28	17	2019
Obesity, adults aged 18+ years (%)	22	24	21	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	9	14	4	2019
Physical inactivity, adults aged 18+ years (%)	17	17	16	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# France

## Hypertension profile

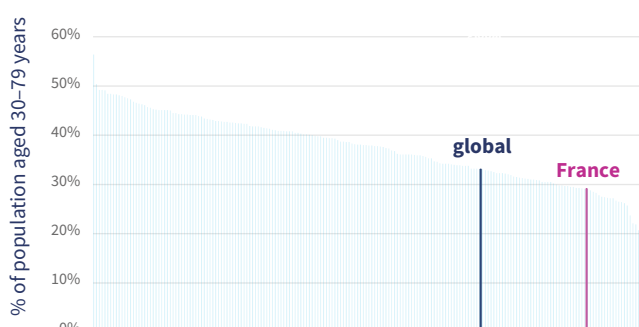
Total population (2019): 64 400 000

Total deaths (2019): 598 000

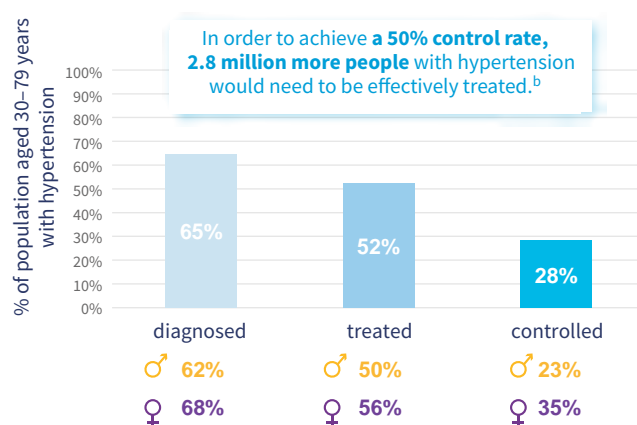
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 29% ♂ 34% ♀ 24%

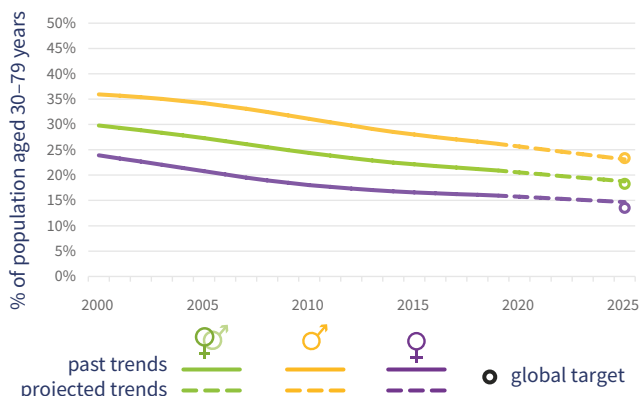
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



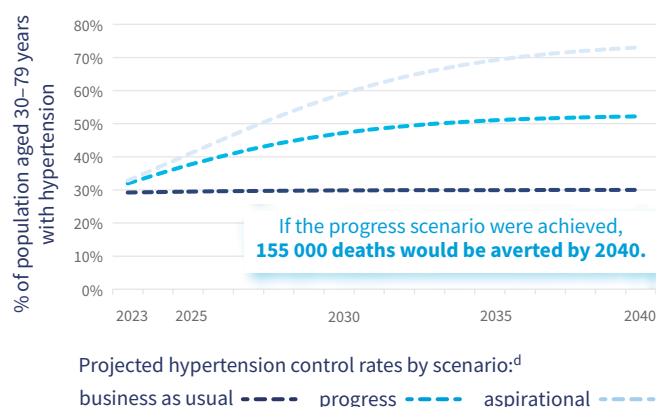
Of the **14.1 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	11	14	7	2019
Cardiovascular disease deaths	149 000	67 800	80 800	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	48	50	47	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	34	35	32	2019
Obesity, adults aged 18+ years (%)	22	22	21	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	11	18	5	2019
Physical inactivity, adults aged 18+ years (%)	29	24	34	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

✗  
✓

✗  
✗  
✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Gabon

## Hypertension profile

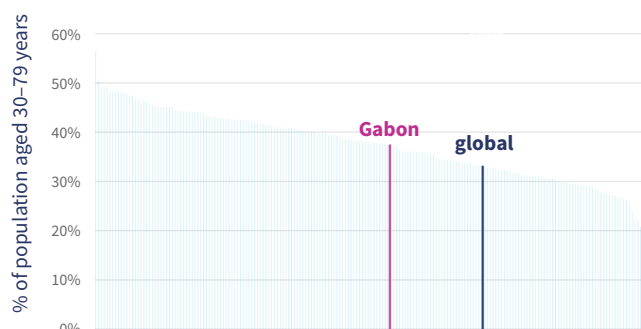
Total population (2019): 2 243 000

Total deaths (2019): 14 300

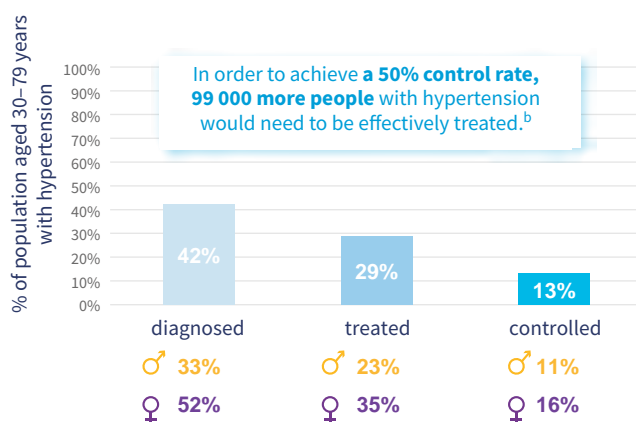
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 37% ♂ 36% ♀ 39%

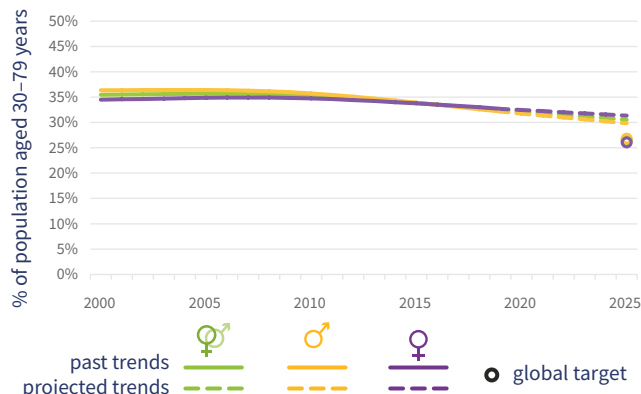
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



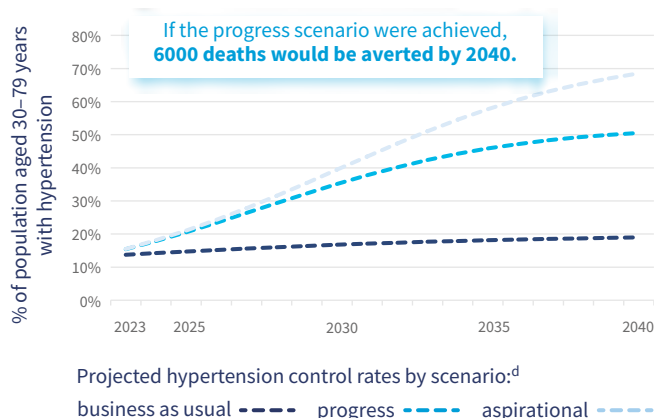
Of the 260 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	21	26	17	2019
Cardiovascular disease deaths	2600	1400	1200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	62	61	63	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	15	10	20	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	7	11	3	2019
Physical inactivity, adults aged 18+ years (%)	25	18	33	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.



# Gambia

## Hypertension profile

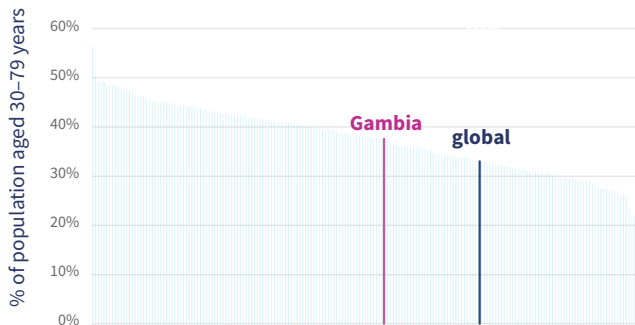
Total population (2019): 2 509 000

Total deaths (2019): 14 200

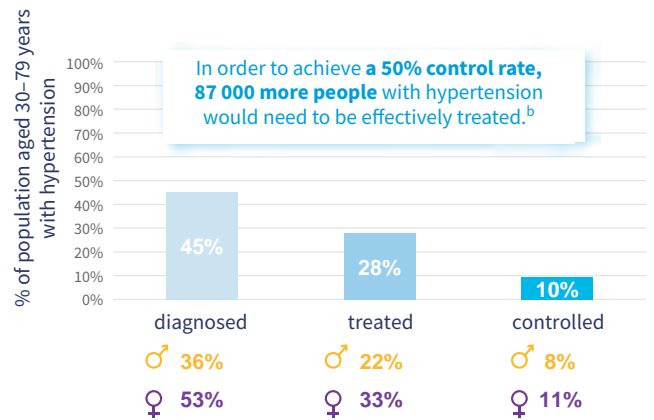
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 38% ♂ 35% ♀ 40%

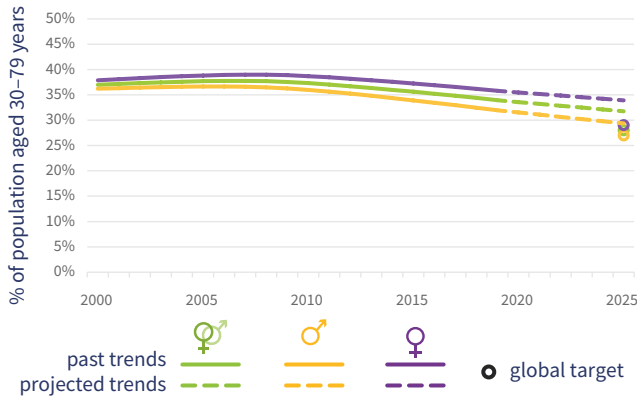
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



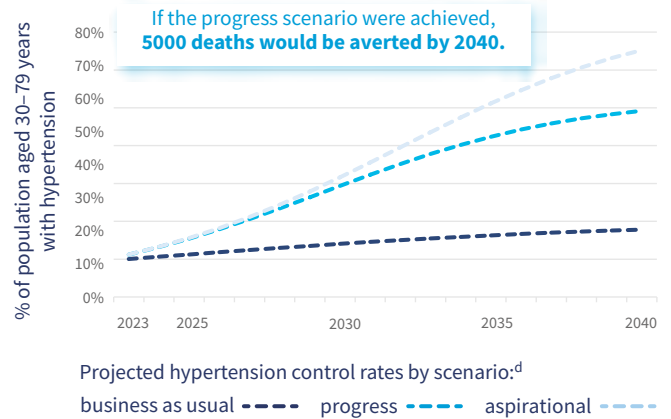
Of the **211 000** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	21	22	20	2019
Cardiovascular disease deaths	2200	1100	1100	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	61	60	63	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	12	22	1	2019
Obesity, adults aged 18+ years (%)	10	6	15	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	1	2	0	2019
Physical inactivity, adults aged 18+ years (%)	21	16	26	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Georgia

## Hypertension profile

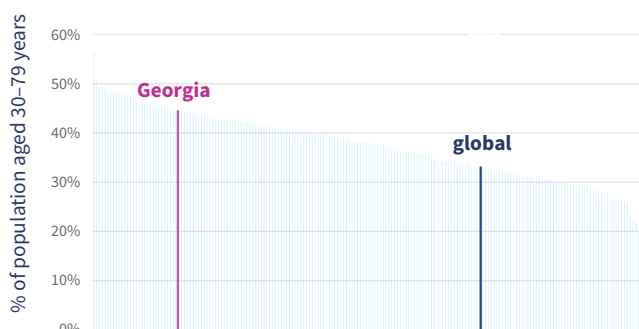
Total population (2019): 3 771 000

Total deaths (2019): 53 400

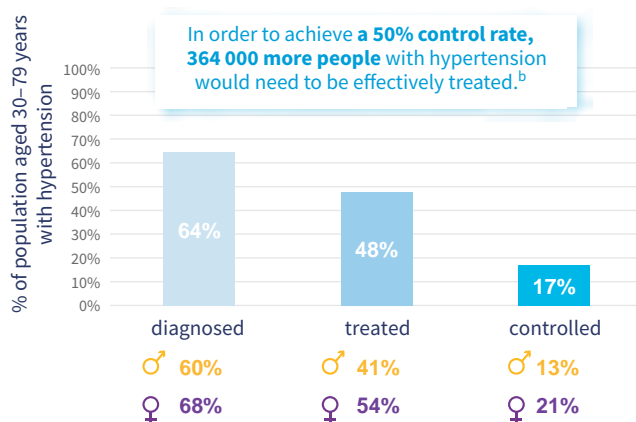
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 45% ♂ 47% ♀ 42%

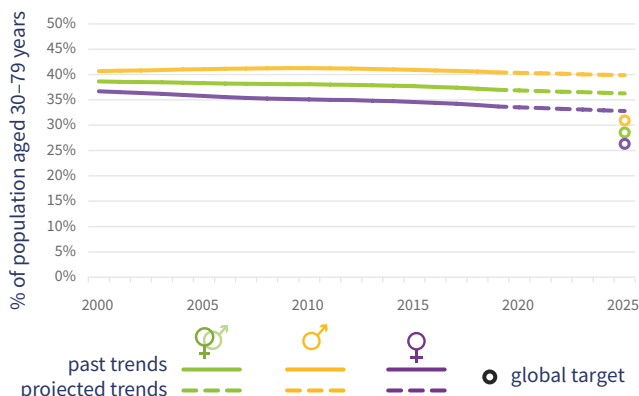
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



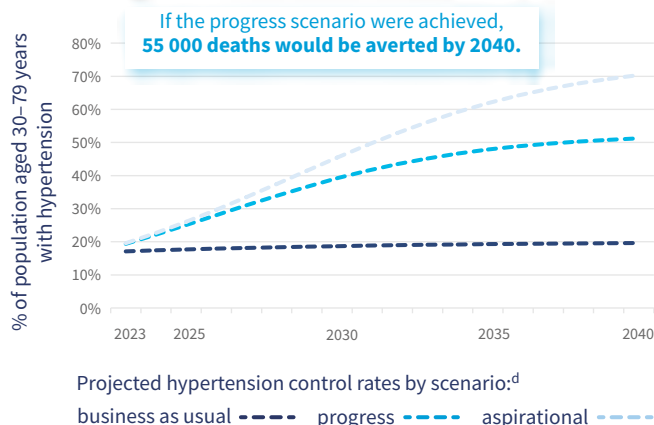
Of the **1.1 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual ——— progress ——— aspirational ———

### Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	25	36	15	2019
Cardiovascular disease deaths	34 200	16 500	17 700	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	62	64	60	2019

### Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	7	2019
Current tobacco use, adults aged 15+ years (%)	32	56	7	2019
Obesity, adults aged 18+ years (%)	22	19	24	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	14	24	6	2019
Physical inactivity, adults aged 18+ years (%)	18	17	19	2016

### National response

#### Targets

National target for blood pressure  
National target for salt consumption

#### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

#### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Germany

## Hypertension profile

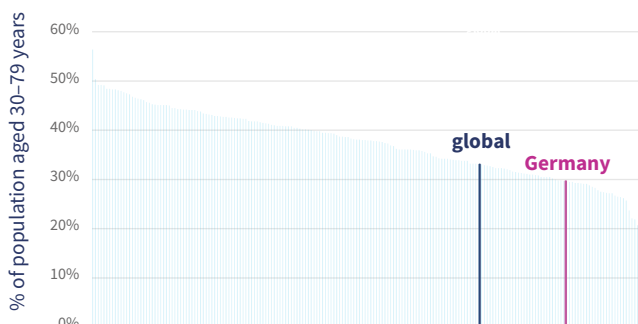
Total population (2019): 83 148 000

Total deaths (2019): 845 000

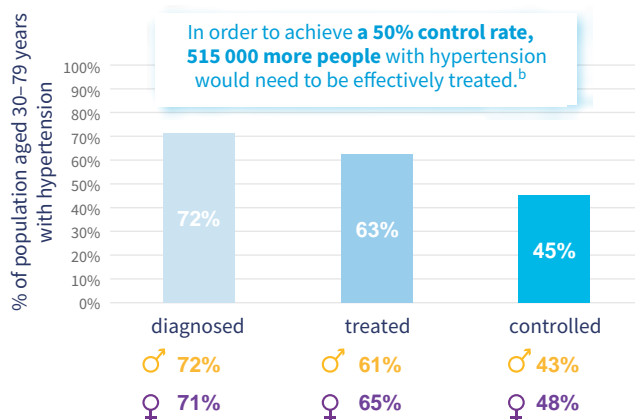
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 30% ♂ 34% ♀ 25%

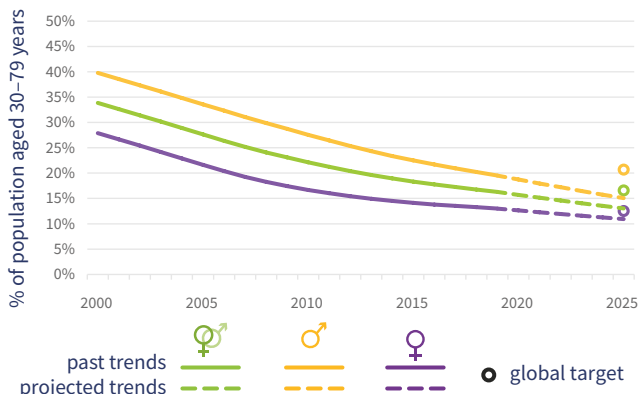
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



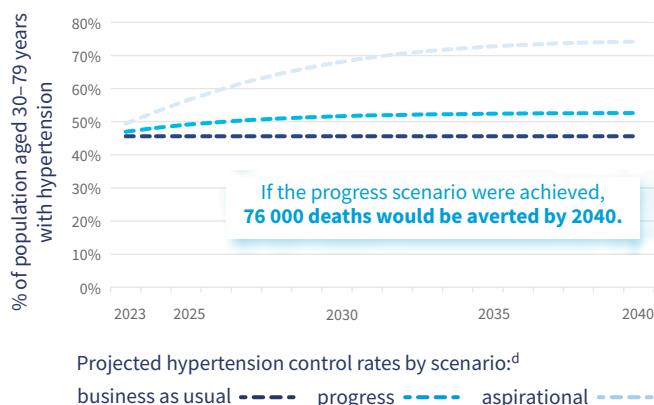
Of the **19.8 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



### Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	12	15	9	2019
Cardiovascular disease deaths	285 000	158 000	127 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	55	52	57	2019

### Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	23	25	20	2019
Obesity, adults aged 18+ years (%)	22	24	20	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	12	19	5	2019
Physical inactivity, adults aged 18+ years (%)	42	40	44	2016

### National response

#### Targets

National target for blood pressure  
National target for salt consumption

#### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

#### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Ghana

## Hypertension profile

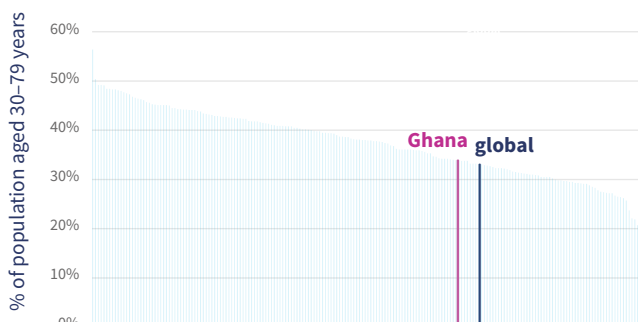
Total population (2019): 31 522 000

Total deaths (2019): 190 000

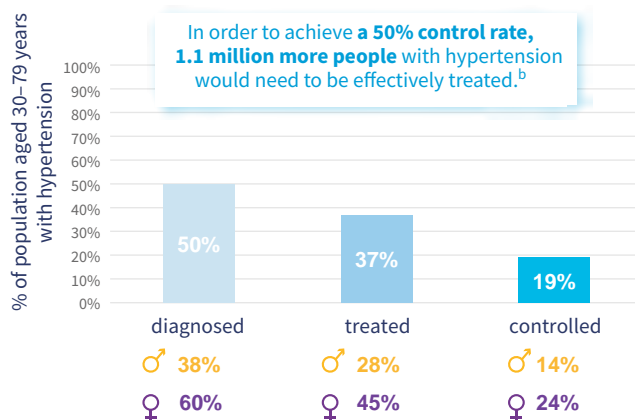
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 34% ♂ 31% ♀ 36%

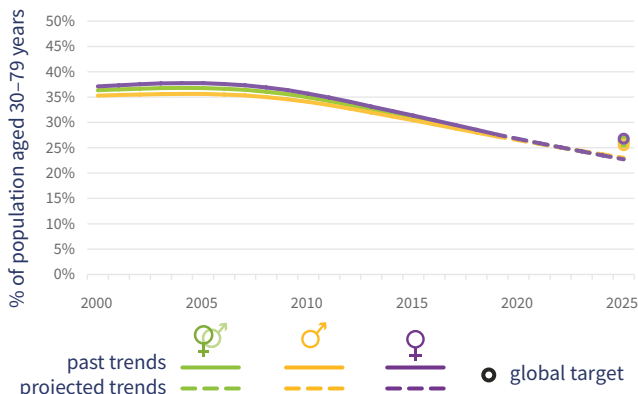
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



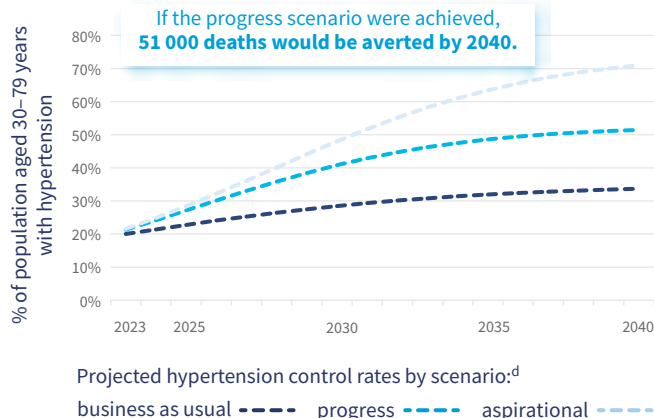
Of the **3.2 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	22	24	21	2019
Cardiovascular disease deaths	35 100	16 500	18 600	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	61	56	64	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	8	8	2019
Current tobacco use, adults aged 15+ years (%)	4	7	0	2019
Obesity, adults aged 18+ years (%)	11	5	17	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	5	7	2	2019
Physical inactivity, adults aged 18+ years (%)	22	19	25	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Greece

## Hypertension profile

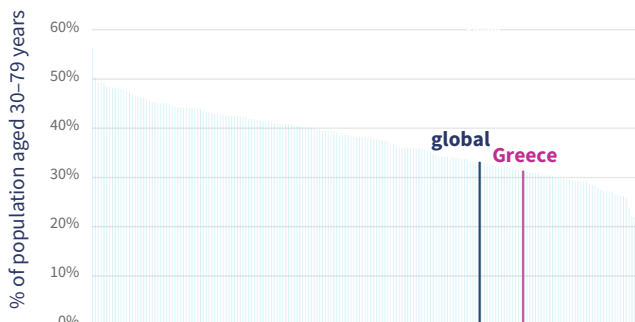
Total population (2019): 10 574 000

Total deaths (2019): 126 000!

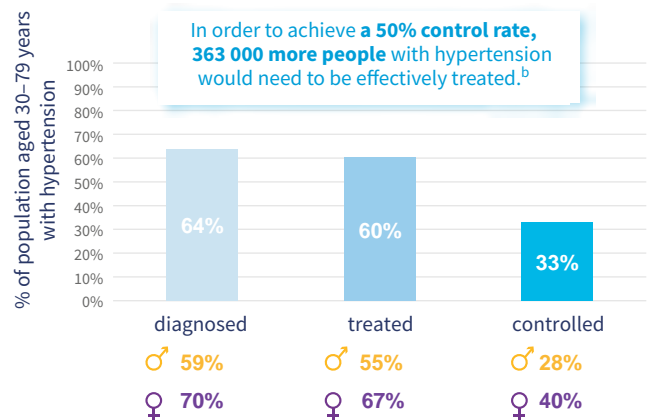
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 31% ♂ 37% ♀ 26%

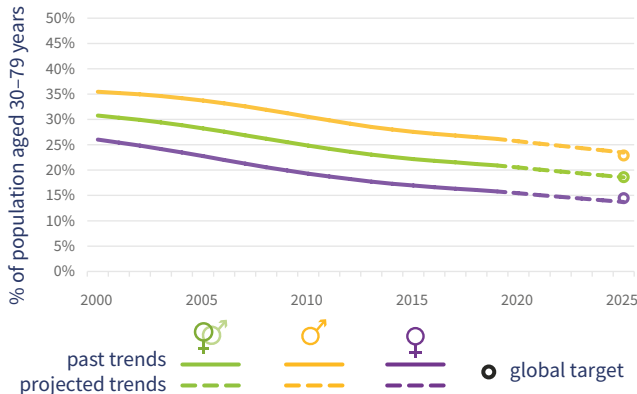
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



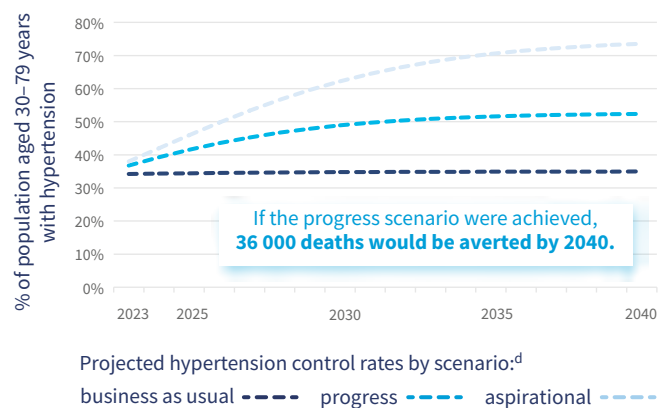
Of the **2.5 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	12	17	8	2019
Cardiovascular disease deaths	42 300	20 400	21 900	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	47	46	47	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	9	7	2019
Current tobacco use, adults aged 15+ years (%)	35	38	31	2019
Obesity, adults aged 18+ years (%)	25	24	25	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	7	11	3	2019
Physical inactivity, adults aged 18+ years (%)	38	34	41	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

Treatment  
Guidelines for management of hypertension

✗  
✗

✓  
✗  
✓

✓

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Grenada

## Hypertension profile

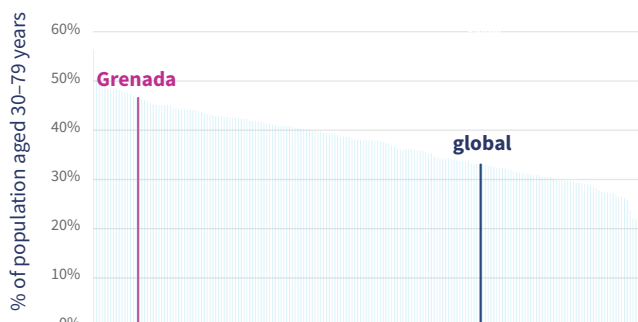
Total population (2019): 123 000

Total deaths (2019): 1010

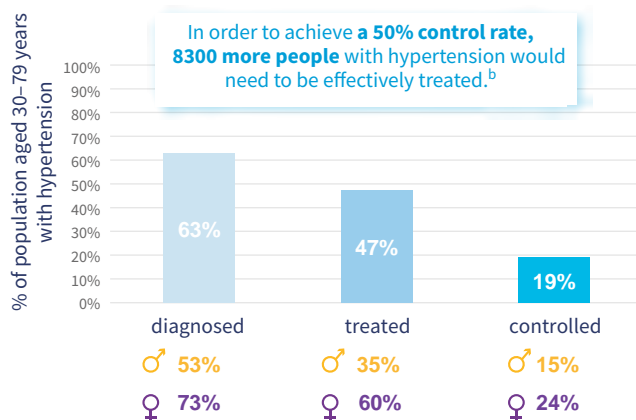
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 47% ♂ 48% ♀ 46%

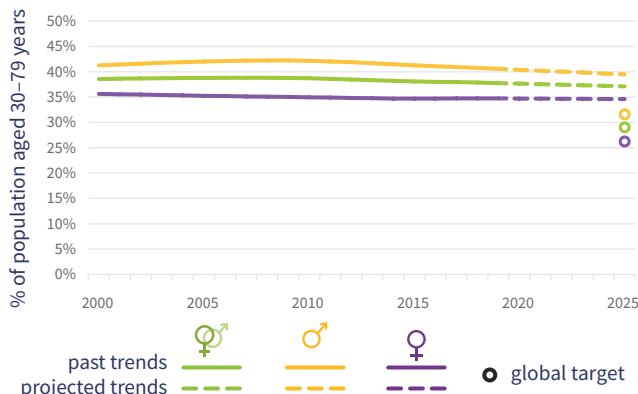
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



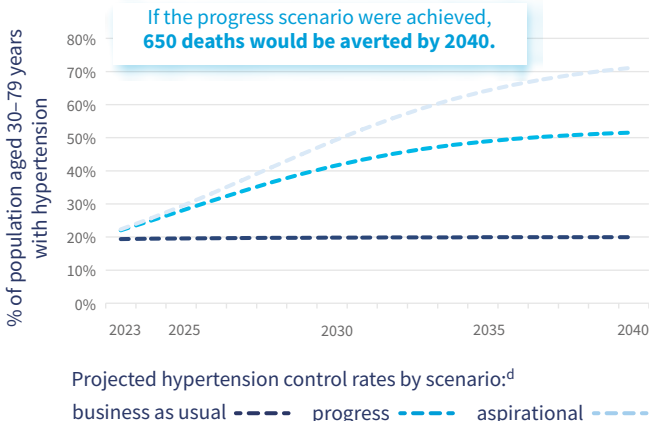
Of the 27 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual ——— progress ——— aspirational ———

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	23	26	20	2019
Cardiovascular disease deaths	330	170	160	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	52	53	50	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	21	13	29	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	8	13	3	2019
Physical inactivity, adults aged 18+ years (%)	29	22	35	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

✗  
✗

### Treatment

Guidelines for management of hypertension

✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

✗  
✗  
✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Guatemala

## Hypertension profile

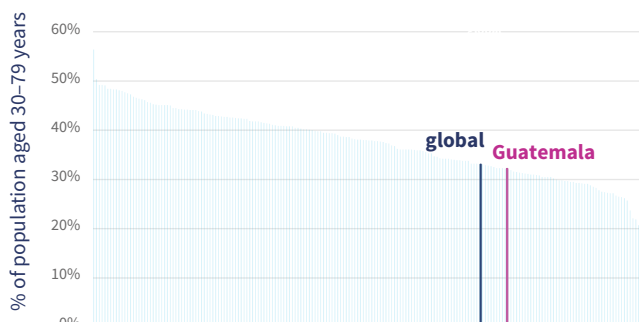
Total population (2019): 17 106 000

Total deaths (2019): 95 100

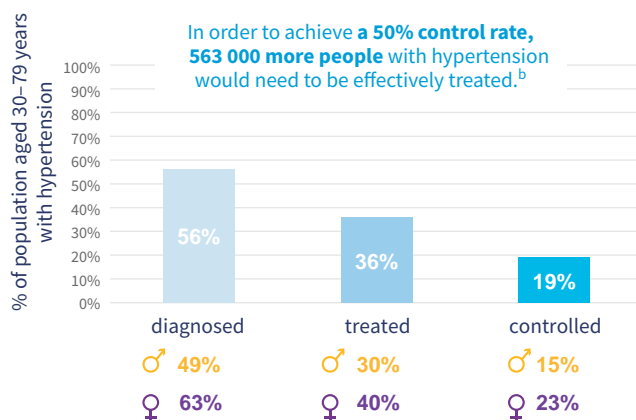
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 32% ♂ 32% ♀ 33%

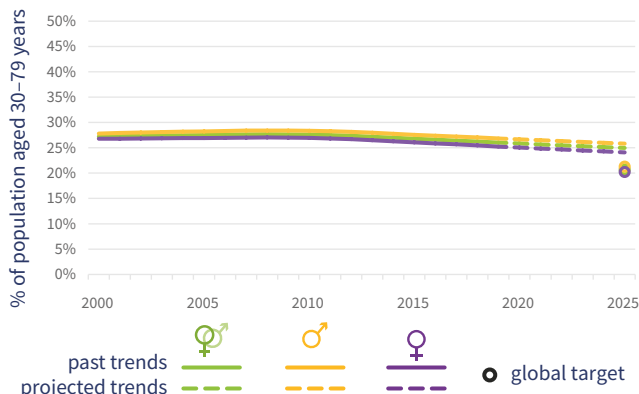
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



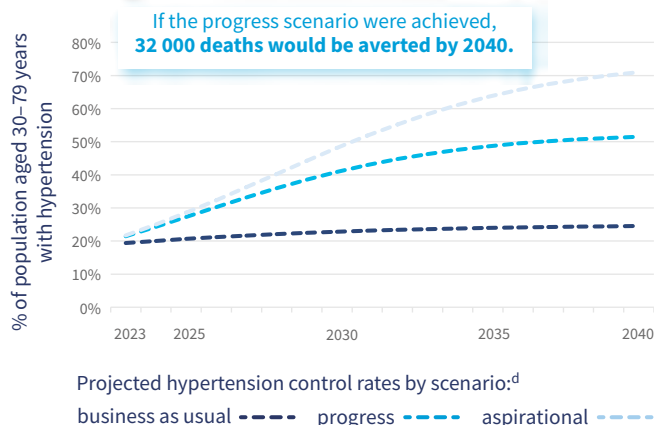
Of the **1.8 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	16	17	16	2019
Cardiovascular disease deaths	16 500	8100	8400	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	50	49	51	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	9	2019
Current tobacco use, adults aged 15+ years (%)	11	20	2	2019
Obesity, adults aged 18+ years (%)	21	15	26	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	3	1	2019
Physical inactivity, adults aged 18+ years (%)	37	37	37	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.



# Guinea

## Hypertension profile

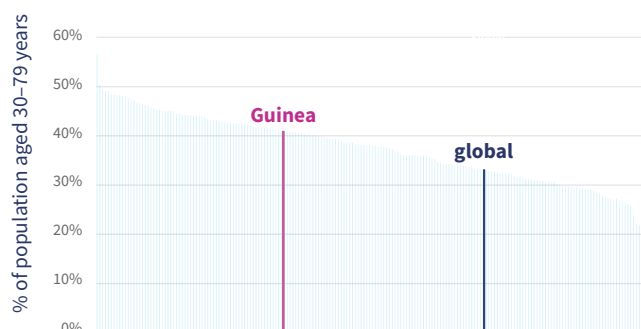
Total population (2019): 12 878 000

Total deaths (2019): 108 000

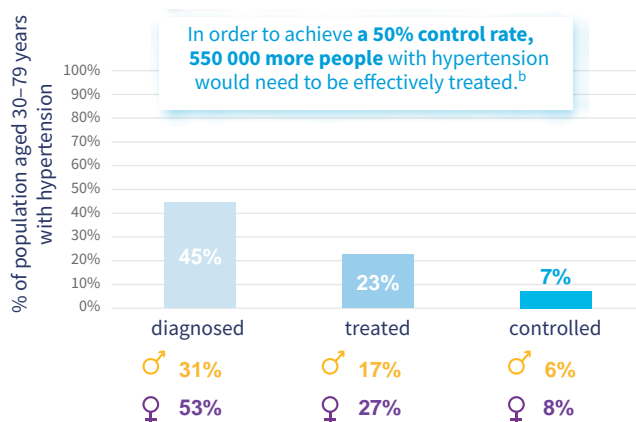
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 41% ♂ 38% ♀ 43%

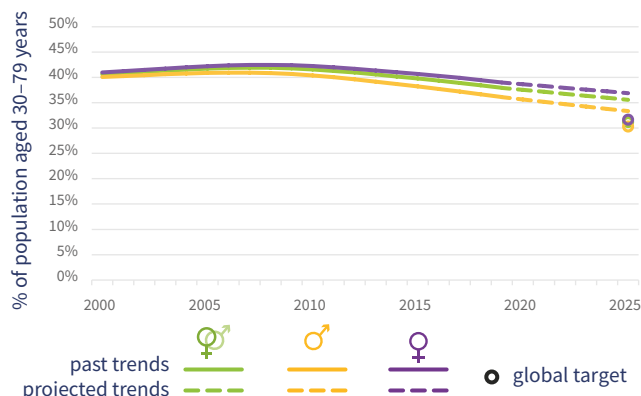
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



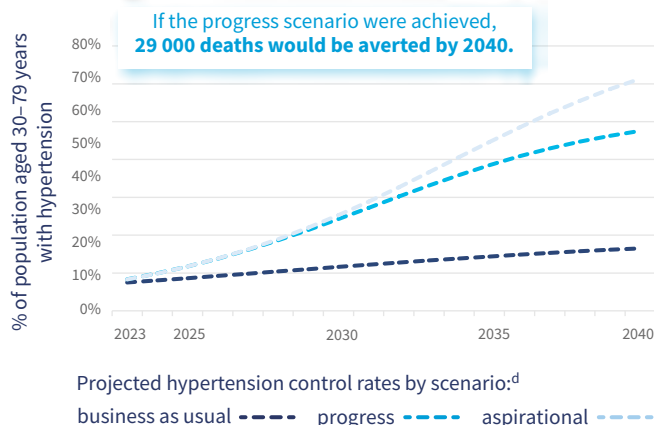
Of the **1.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	25	25	25	2019
Cardiovascular disease deaths	14 400	5800	8600	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	54	52	56	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	8	4	12	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	1	0	2019
Physical inactivity, adults aged 18+ years (%)	15	11	18	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Guinea-Bissau

## Hypertension profile

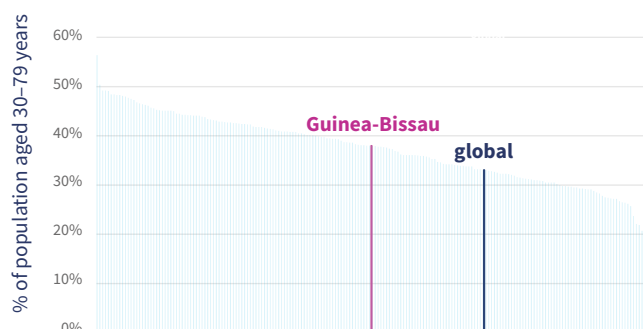
Total population (2019): 1 970 000

Total deaths (2019): 16 200

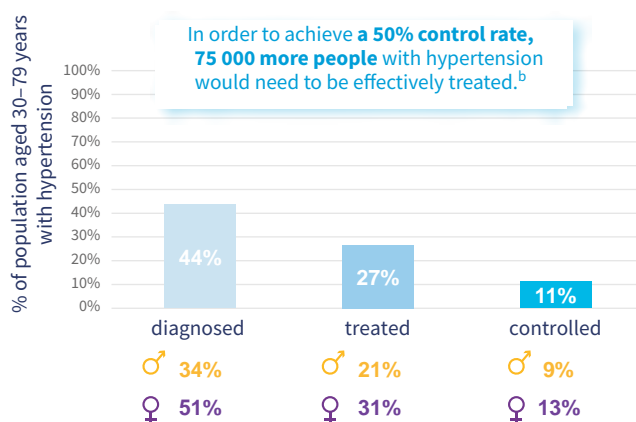
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 38% ♂ 36% ♀ 40%

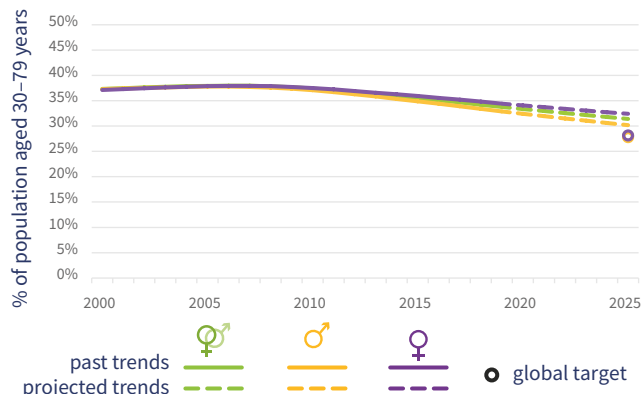
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



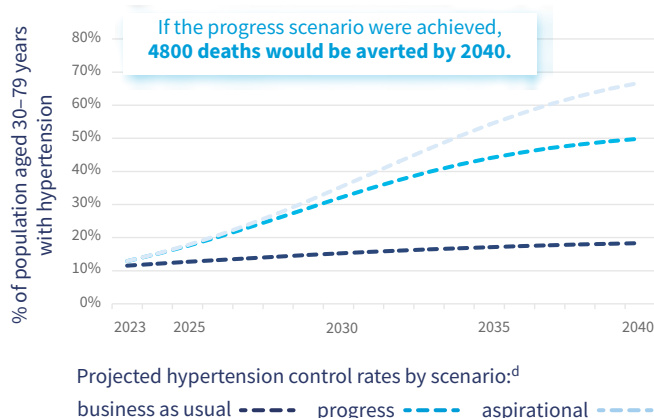
Of the 191 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	25	27	23	2019
Cardiovascular disease deaths	2100	1000	1100	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	60	58	62	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	9	18	1	2019
Obesity, adults aged 18+ years (%)	10	5	14	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	4	7	1	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Guyana

## Hypertension profile

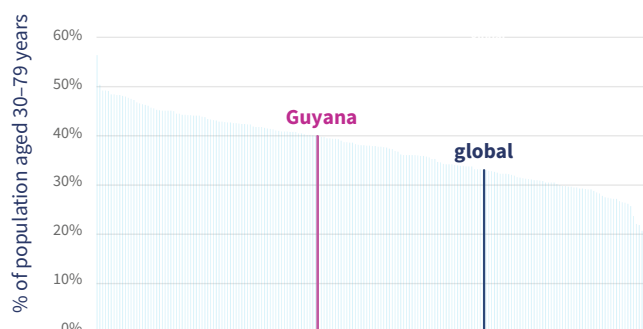
Total population (2019): 799 000

Total deaths (2019): 8050!

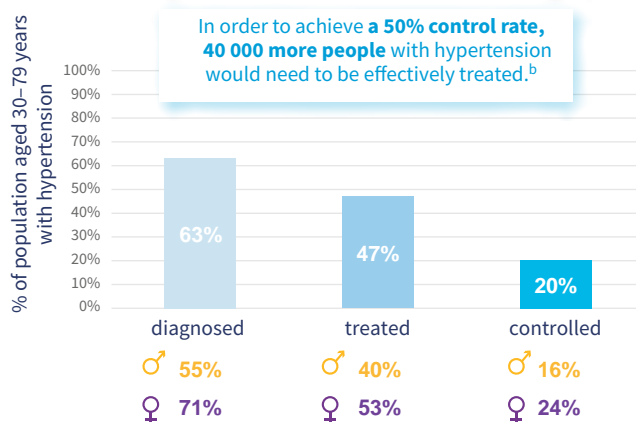
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 40% ♂ 38% ♀ 42%

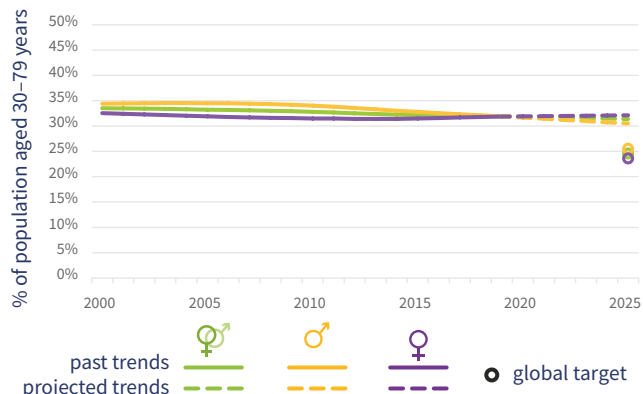
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



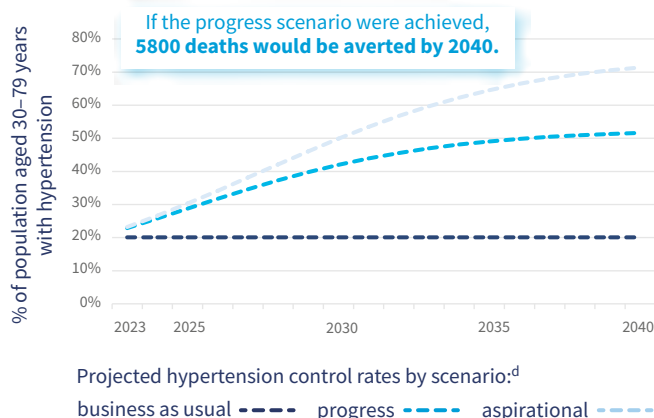
Of the 136 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	29	32	26	2019
Cardiovascular disease deaths	3000	1600	1400	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	55	56	53	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%)	13	23	3	2019
Obesity, adults aged 18+ years (%)	20	13	27	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	5	9	2	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Haiti

## Hypertension profile

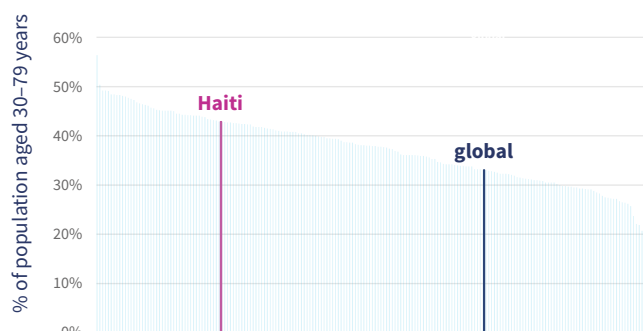
Total population (2019): 11 160 000

Total deaths (2019): 97 200

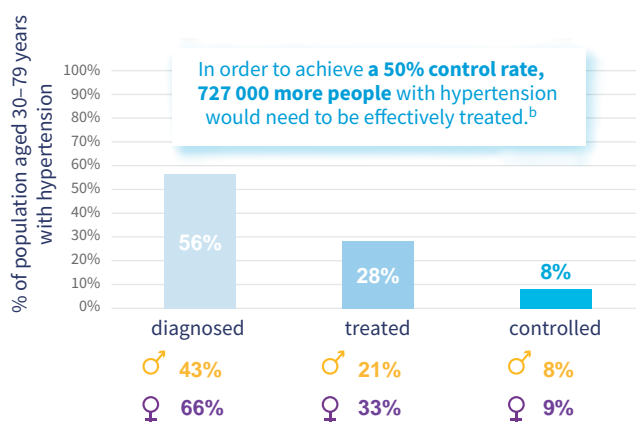
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♂ 43% ♀ 48%

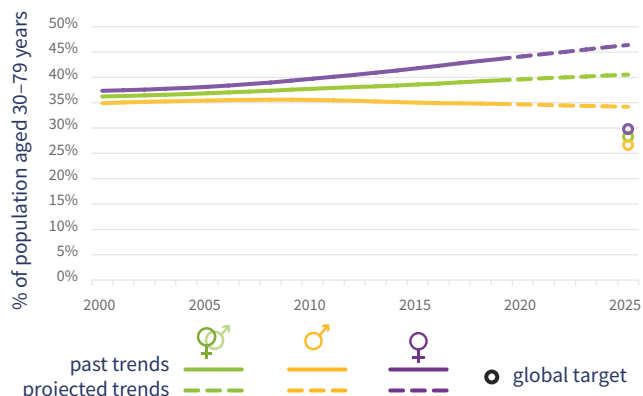
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



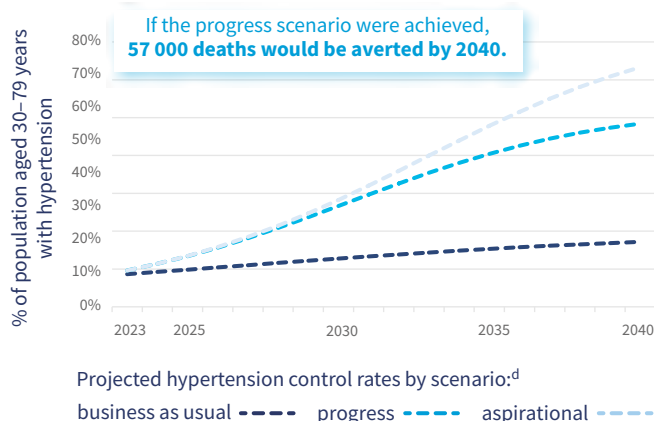
Of the **1.7 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	31	30	33	2019
Cardiovascular disease deaths	31 100	13 000	18 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	60	57	62	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%)	8	13	3	2019
Obesity, adults aged 18+ years (%)	23	18	27	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	3	6	1	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Honduras

## Hypertension profile

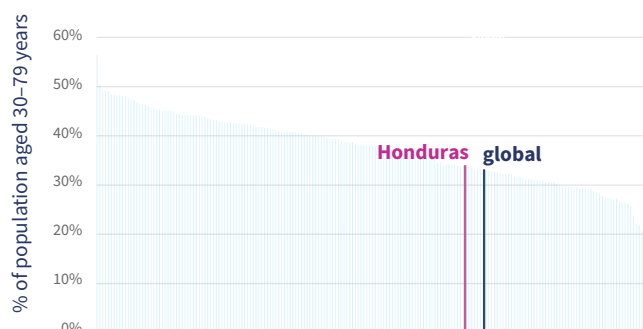
Total population (2019): 9 959 000

Total deaths (2019): 55 000!

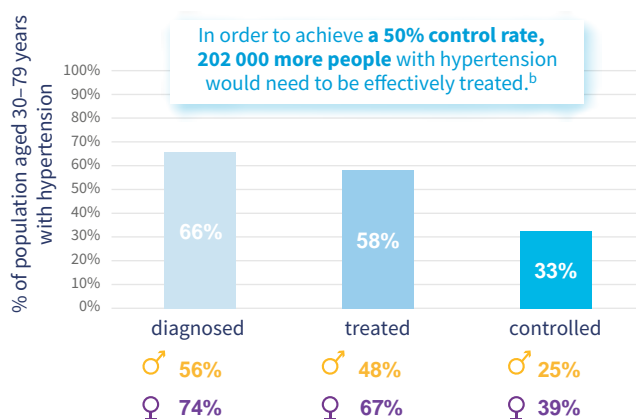
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 34% ♂ 33% ♀ 34%

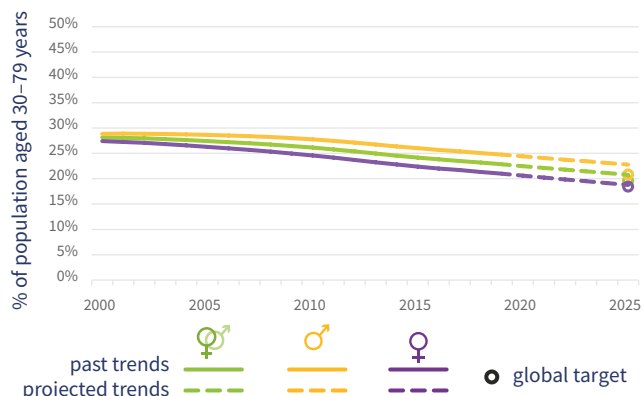
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



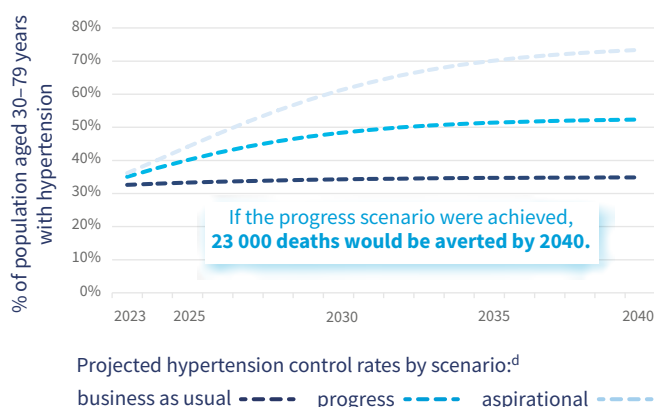
Of the **1.1 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	19	18	19	2019
Cardiovascular disease deaths	15 800	7000	8800	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	54	53	54	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	9	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	21	16	27	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	3	5	1	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Hungary

## Hypertension profile

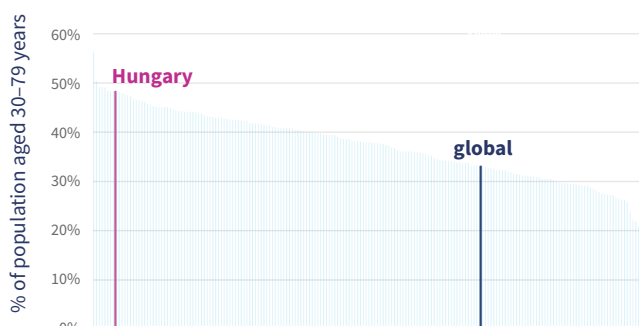
Total population (2019): 9 772 000

Total deaths (2019): 127 000

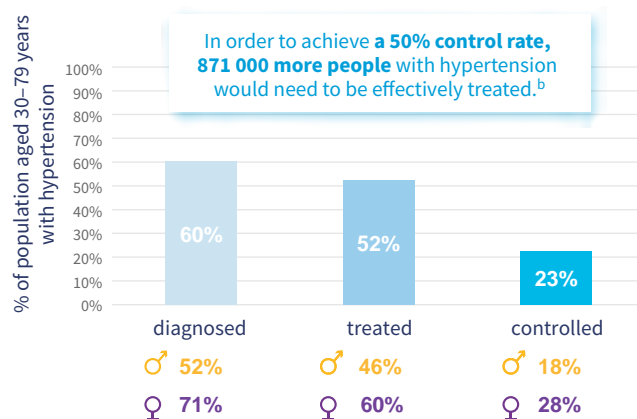
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 48% ♂ 56% ♀ 41%

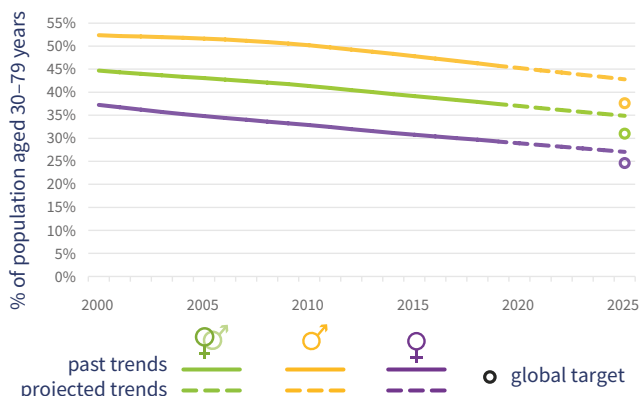
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



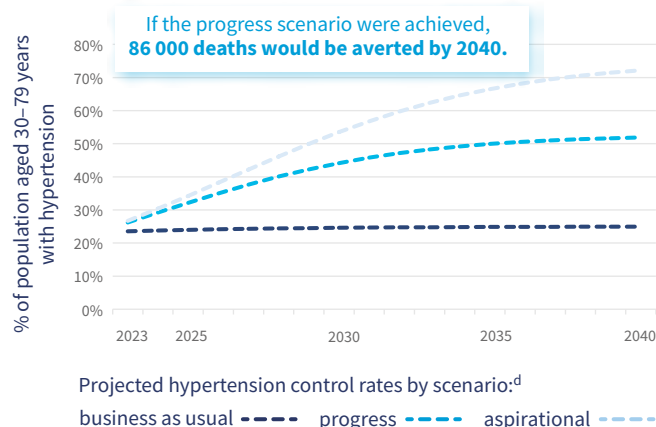
Of the **3.4 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	22	30	15	2019
Cardiovascular disease deaths	62 100	27 300	34 800	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	54	58	51	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	14	17	12	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	32	36	28	2019
Obesity, adults aged 18+ years (%)	26	28	25	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	11	17	5	2019
Physical inactivity, adults aged 18+ years (%)	39	33	43	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Iceland

## Hypertension profile

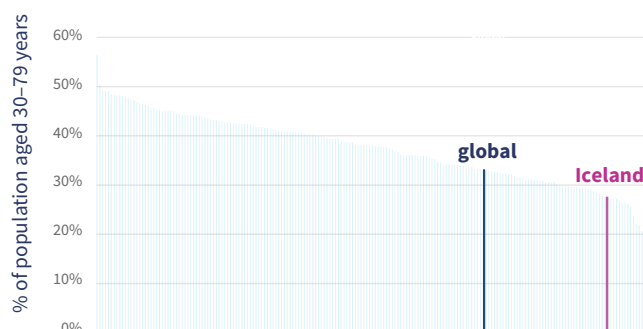
Total population (2019): 361 000

Total deaths (2019): 2340

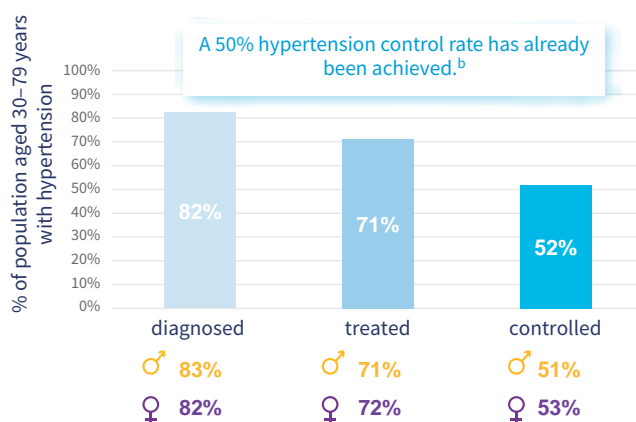
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 28% ♂ 31% ♀ 24%

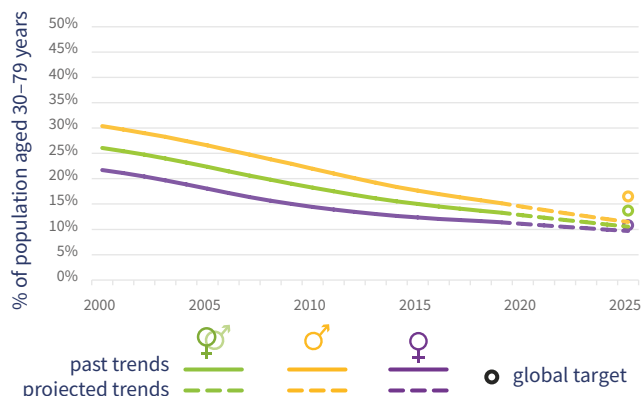
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



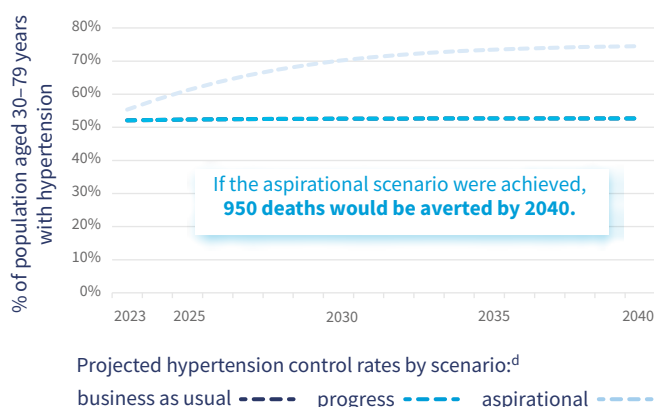
### Of the 63 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	9	10	7	2019
Cardiovascular disease deaths	700	370	330	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	48	50	47	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	10	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	13	13	13	2019
Obesity, adults aged 18+ years (%)	22	24	19	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	8	12	4	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.



# India

## Hypertension profile

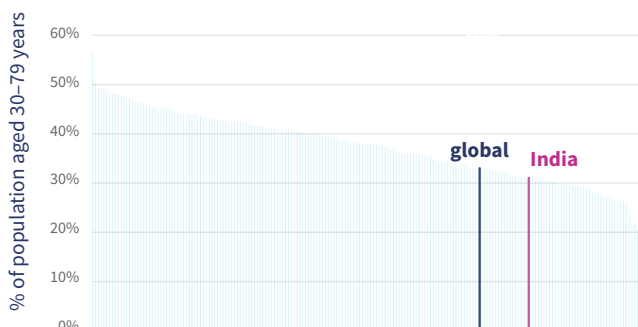
Total population (2019): 1 383 000 000

Total deaths (2019): 9 171 000

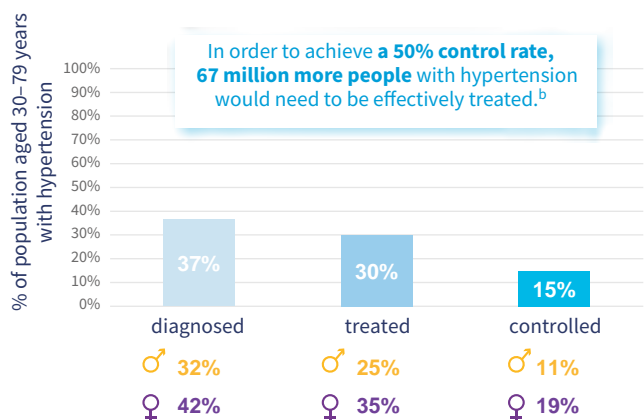
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 31% ♂ 32% ♀ 31%

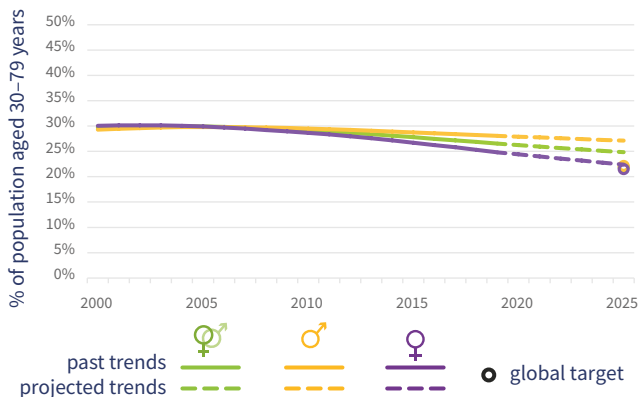
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



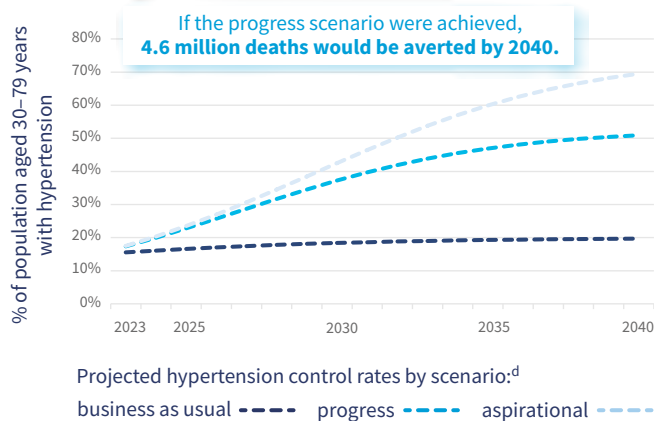
Of the **188.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	22	25	19	2019
Cardiovascular disease deaths	2 566 000	1 451 000	1 116 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	52	51	54	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	9	2019
Current tobacco use, adults aged 15+ years (%)	28	42	14	2019
Obesity, adults aged 18+ years (%)	4	3	5	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	5	8	2	2019
Physical inactivity, adults aged 18+ years (%)	34	25	44	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Indonesia

## Hypertension profile

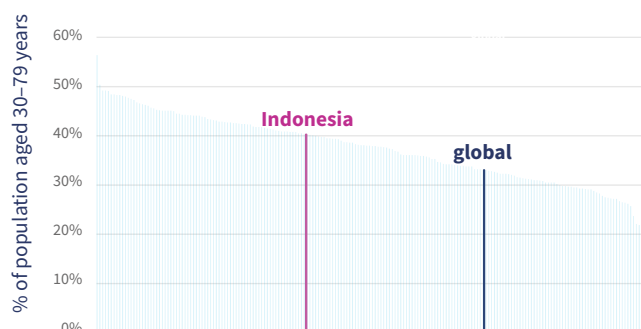
Total population (2019): 269 600 000

Total deaths (2019): 1 816 000

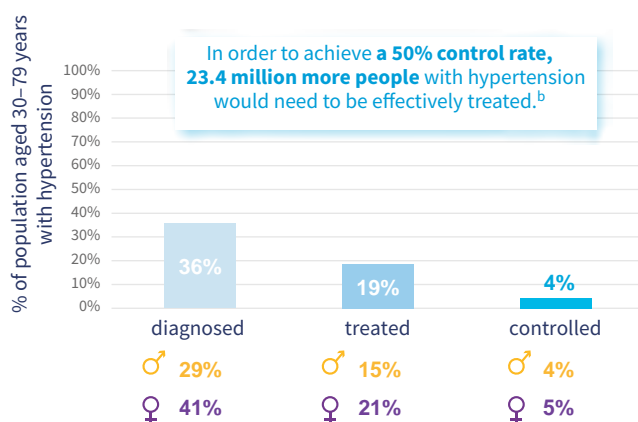
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 40% ♂ 36% ♀ 45%

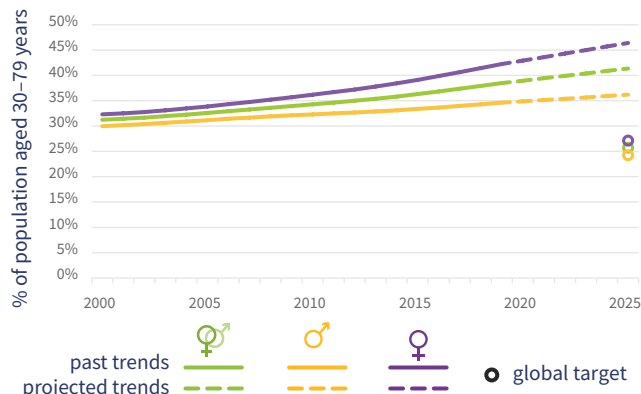
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



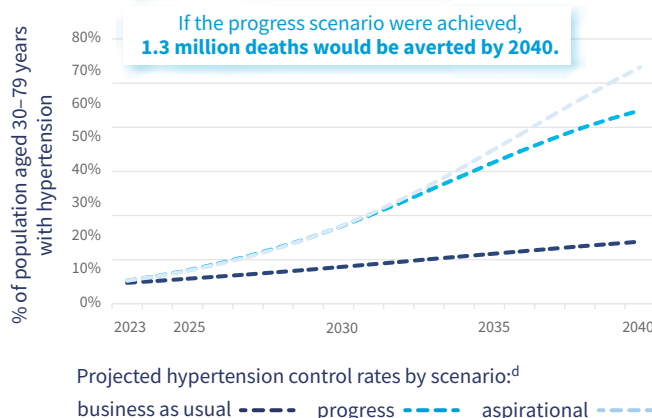
Of the **51.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	25	28	21	2019
Cardiovascular disease deaths	697 000	355 000	342 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	69	67	71	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	10	2019
Current tobacco use, adults aged 15+ years (%)	37	71	4	2019
Obesity, adults aged 18+ years (%)	7	5	9	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	23	23	22	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Iran (Islamic Republic of)

## Hypertension profile

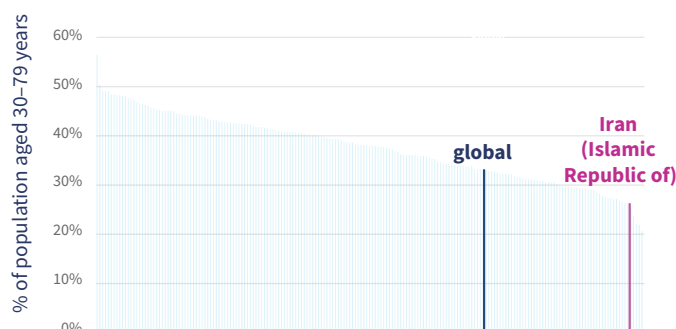
Total population (2019): 86 564 000

Total deaths (2019): 365 000!

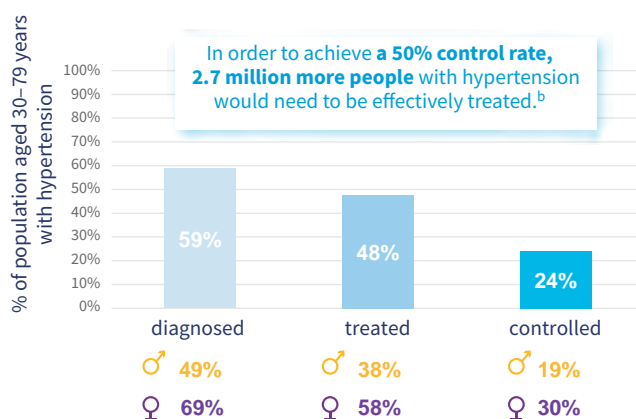
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 26% ♂ 27% ♀ 26%

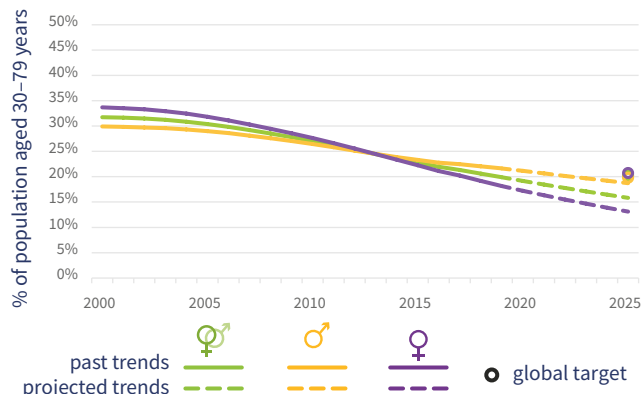
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



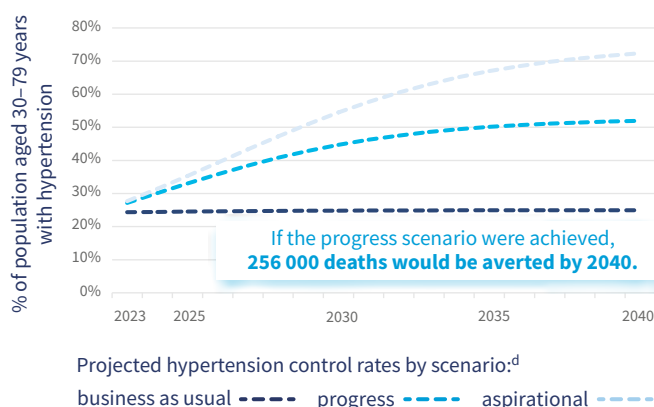
### Of the 10 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	15	18	12	2019
Cardiovascular disease deaths	157 000	90 200	66 800	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	53	52	54	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	7	5	2019
Current tobacco use, adults aged 15+ years (%)	14	25	3	2019
Obesity, adults aged 18+ years (%)	26	19	32	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	1	1	0	2019
Physical inactivity, adults aged 18+ years (%)	33	23	43	2016

## National response

### Targets

National target for blood pressure ✓  
National target for salt consumption ✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake ✓  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✗

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Iraq

## Hypertension profile

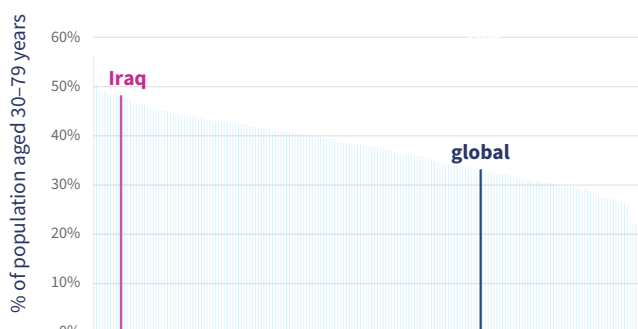
Total population (2019): 41 564 000

Total deaths (2019): 160 000

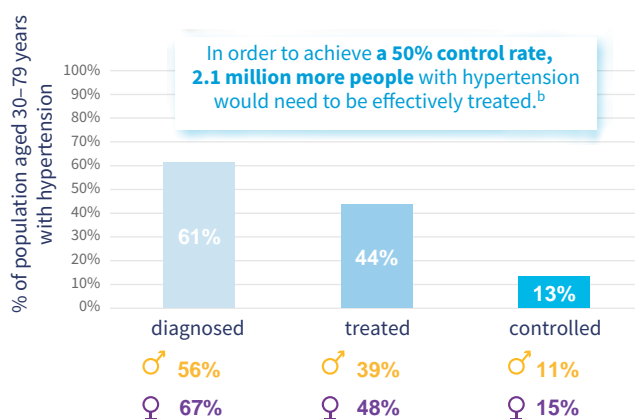
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 48% ♂ 48% ♀ 48%

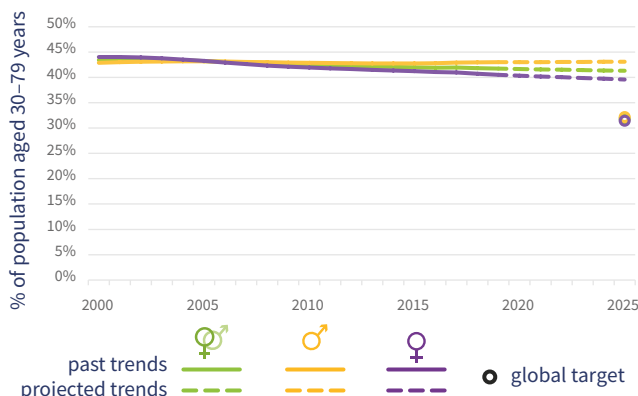
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



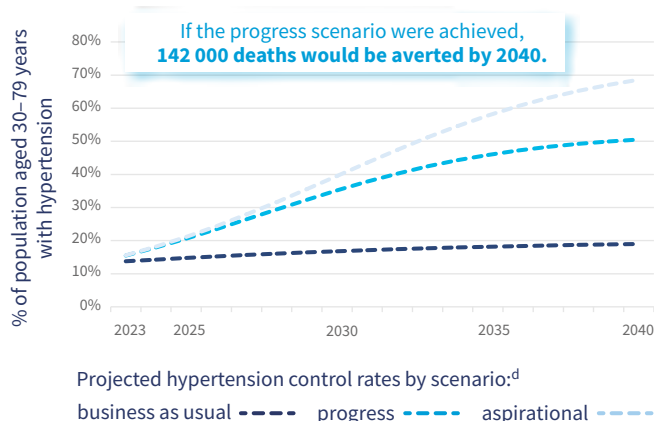
Of the **5.6 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	24	28	20	2019
Cardiovascular disease deaths	62 900	33 300	29 600	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	63	64	62	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	7	5	2019
Current tobacco use, adults aged 15+ years (%)	19	36	2	2019
Obesity, adults aged 18+ years (%)	30	23	37	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	52	39	65	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Ireland

## Hypertension profile

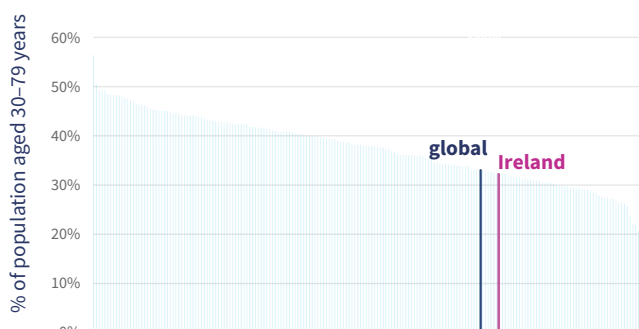
Total population (2019): 4 896 000

Total deaths (2019): 30 800

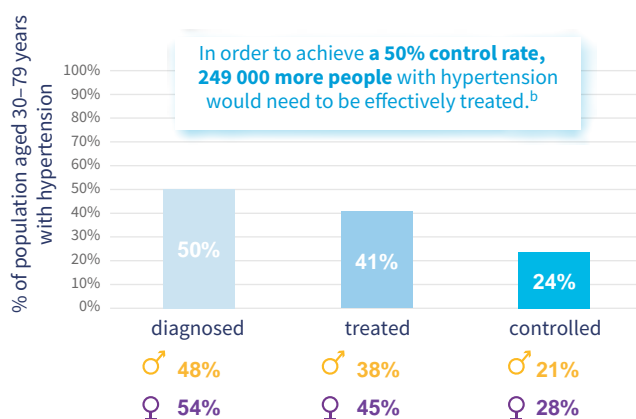
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 32% ♂ 38% ♀ 27%

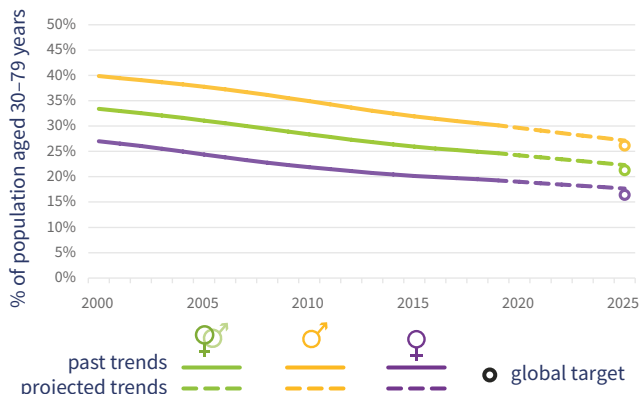
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



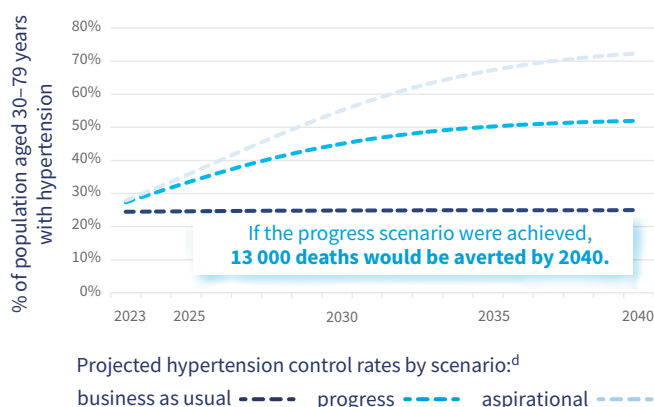
### Of the 1 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	10	11	8	2019
Cardiovascular disease deaths	8300	4300	4000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	51	53	49	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	21	23	20	2019
Obesity, adults aged 18+ years (%)	25	25	26	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	12	18	6	2019
Physical inactivity, adults aged 18+ years (%)	33	28	37	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake no data  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✓

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Israel

## Hypertension profile

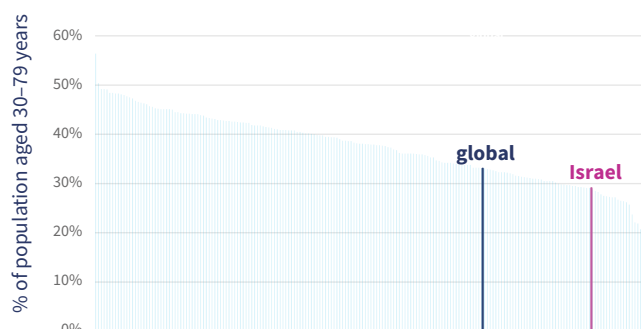
Total population (2019): 8 608 000

Total deaths (2019): 45 400

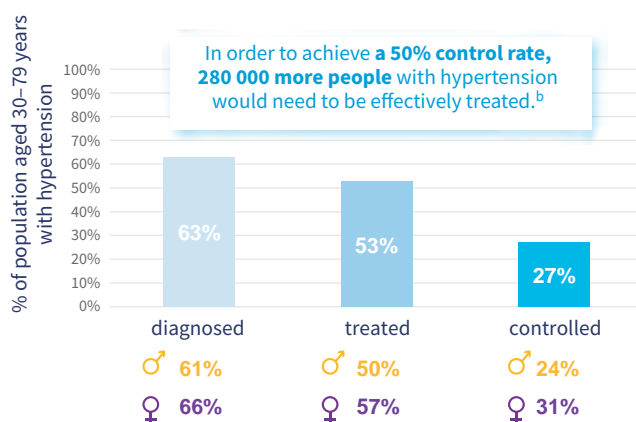
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 29% ♂ 33% ♀ 25%

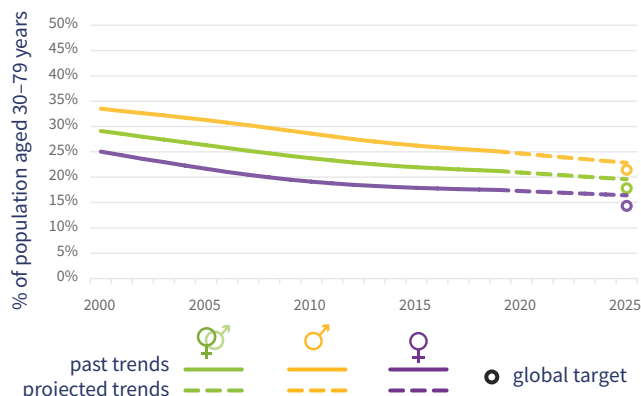
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



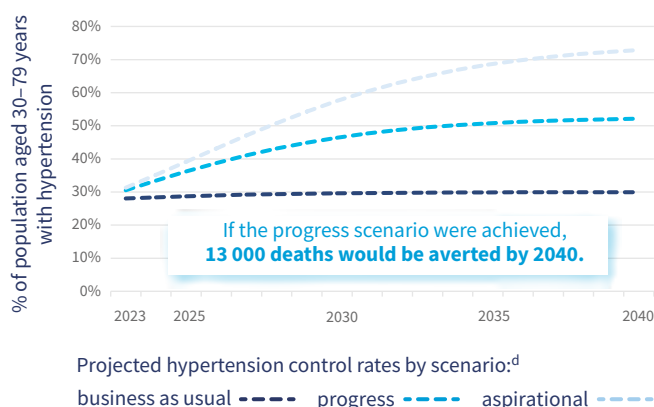
Of the **1.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	9	11	7	2019
Cardiovascular disease deaths	10 200	5100	5100	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	51	51	50	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	10	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	22	29	14	2019
Obesity, adults aged 18+ years (%)	26	26	26	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	3	5	1	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Italy

## Hypertension profile

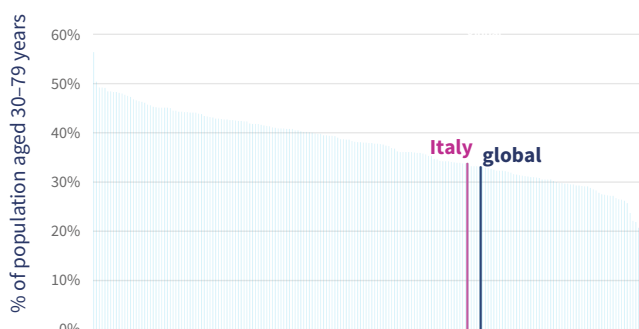
Total population (2019): 59 728 000

Total deaths (2019): 651 000

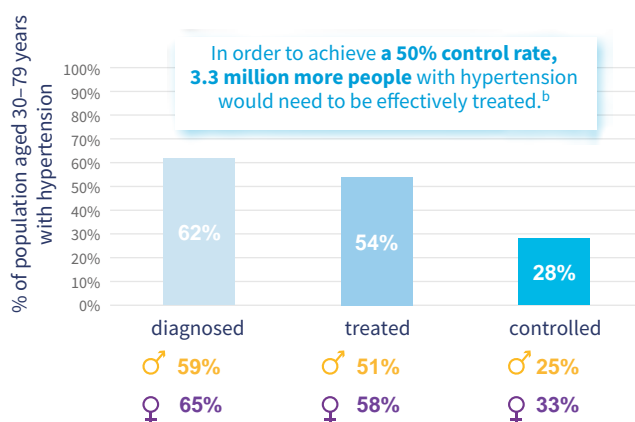
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 34% ♂ 39% ♀ 29%

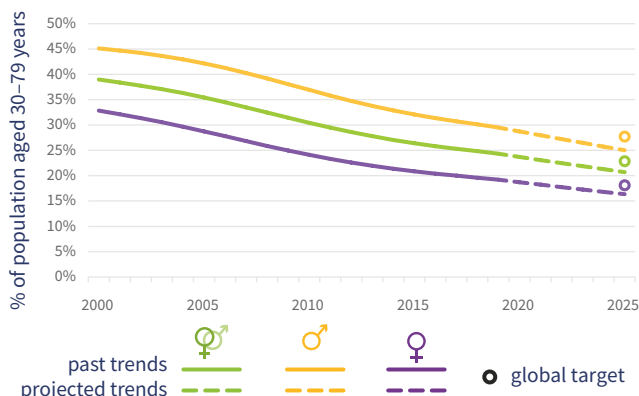
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



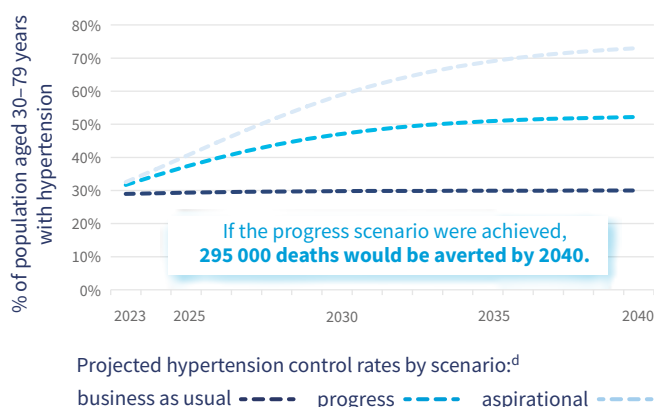
Of the **16.6 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	9	11	7	2019
Cardiovascular disease deaths	227 000	98 800	129 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	47	47	48	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	8	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	23	27	20	2019
Obesity, adults aged 18+ years (%)	20	20	20	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	8	13	4	2019
Physical inactivity, adults aged 18+ years (%)	41	36	46	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.



# Jamaica

## Hypertension profile

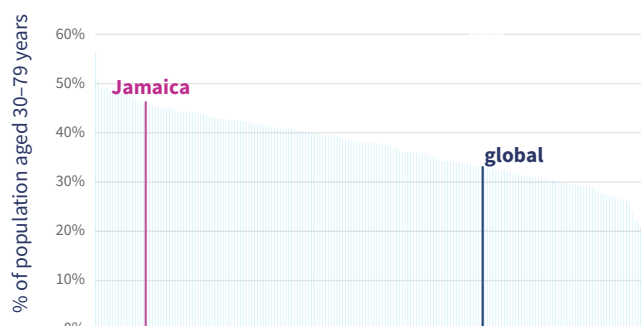
Total population (2019): 2 814 000

Total deaths (2019): 19 300

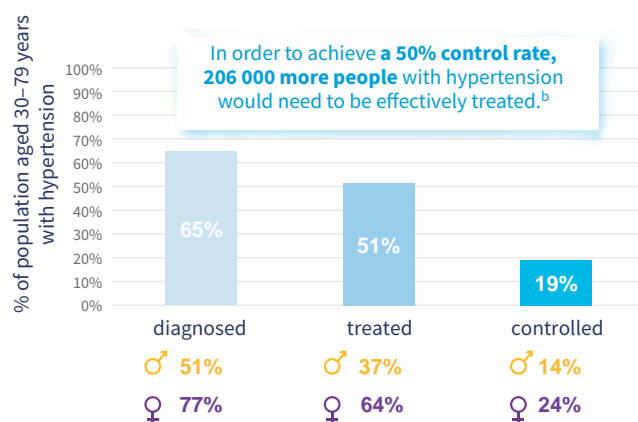
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 46% ♂ 45% ♀ 48%

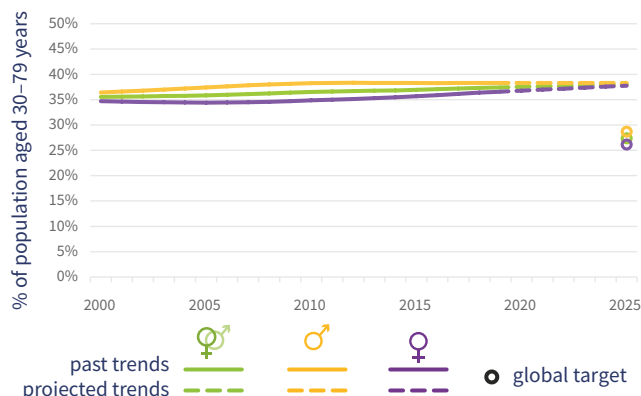
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



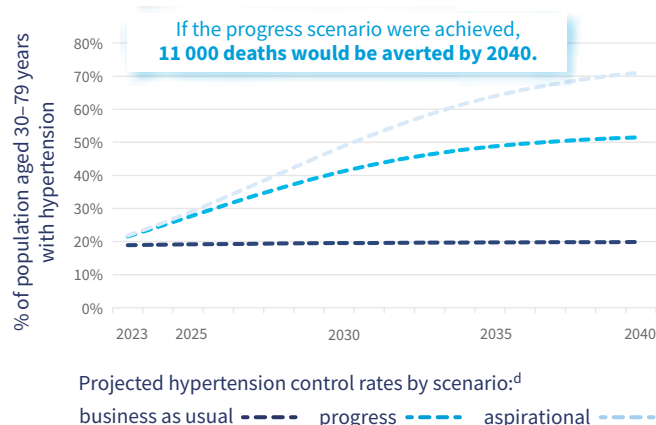
Of the 670 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	17	16	17	2019
Cardiovascular disease deaths	5400	2600	2800	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	51	51	52	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	10	16	4	2019
Obesity, adults aged 18+ years (%)	25	15	33	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	4	6	1	2019
Physical inactivity, adults aged 18+ years (%)	33	28	37	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Japan

## Hypertension profile

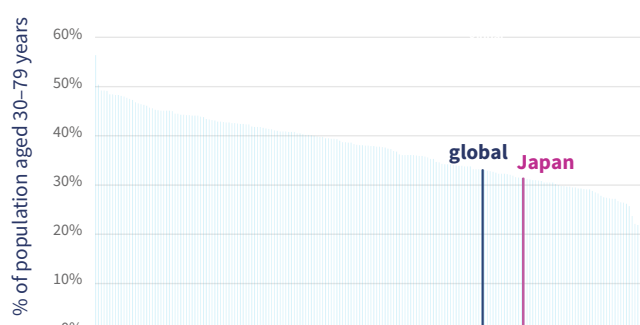
Total population (2019): 125 800 000

Total deaths (2019): 1 352 000

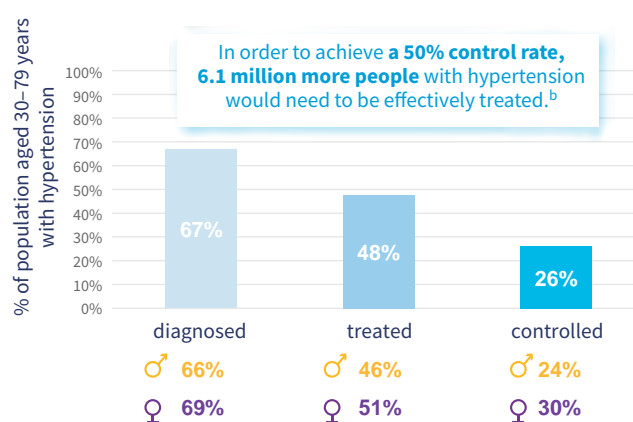
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 31% ♂ 40% ♀ 23%

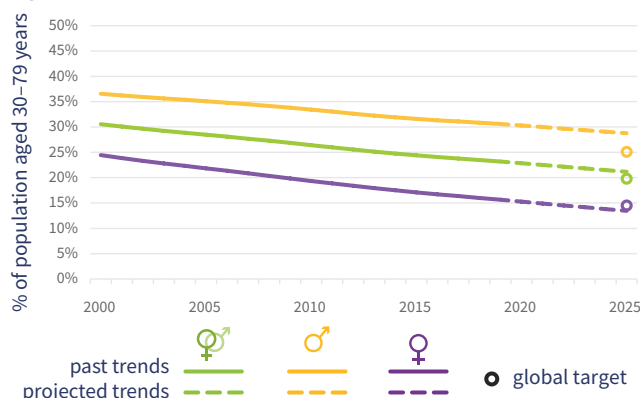
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



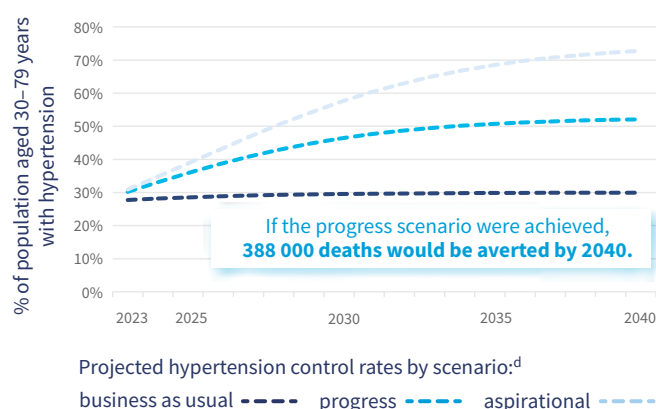
### Of the 33.1 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	8	11	6	2019
Cardiovascular disease deaths	364 000	165 000	199 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	45	48	42	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	9	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	21	31	10	2019
Obesity, adults aged 18+ years (%)	4	5	4	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	7	11	3	2019
Physical inactivity, adults aged 18+ years (%)	35	34	37	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension
- no data

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Jordan

## Hypertension profile

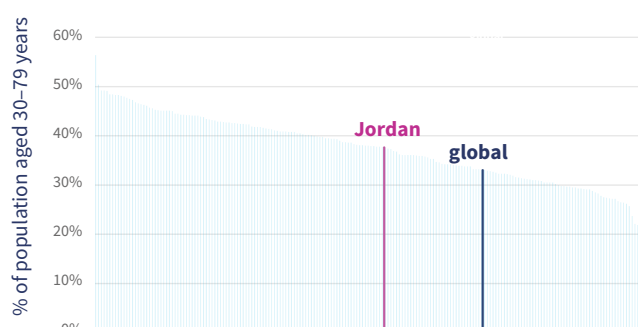
Total population (2019): 10 699 000

Total deaths (2019): 28 900

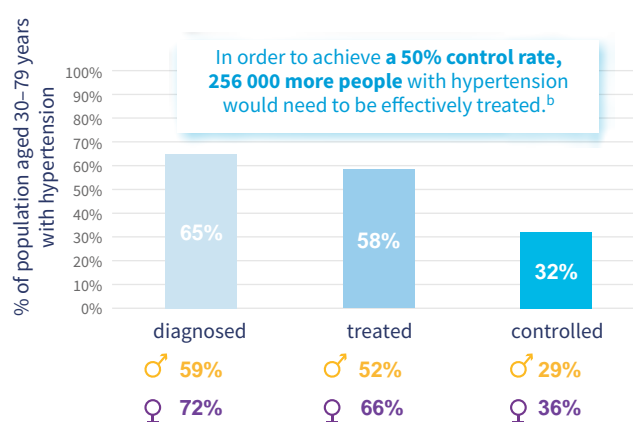
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 38% ♂ 40% ♀ 36%

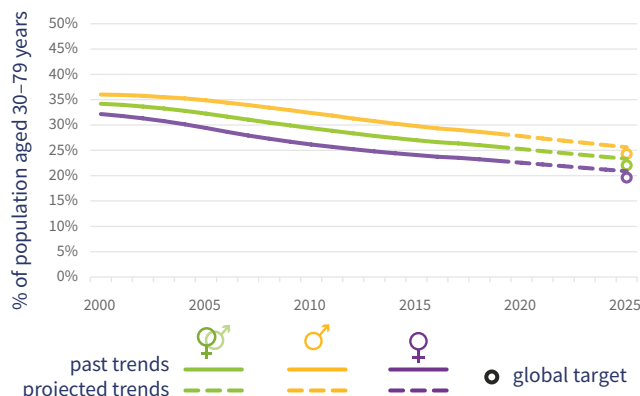
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



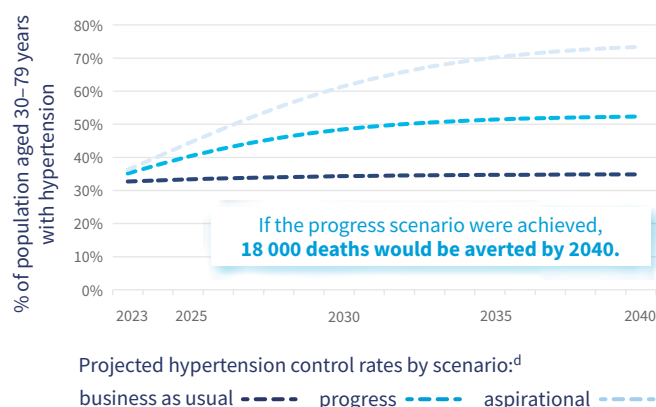
Of the **1.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual ——— progress - - - - aspirational - - - -

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	15	17	14	2019
Cardiovascular disease deaths	9700	4700	5000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	60	58	62	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	7	5	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	35	57	13	2019
Obesity, adults aged 18+ years (%)	36	28	43	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	1	0	2019
Physical inactivity, adults aged 18+ years (%)	12	10	13	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

✓  
✗

### Treatment

Guidelines for management of hypertension

✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

✓  
✓  
✗

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Kazakhstan

## Hypertension profile

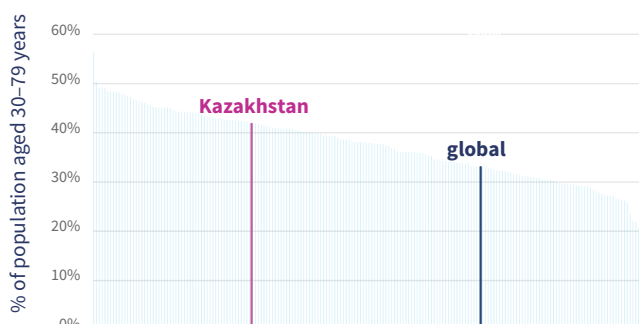
Total population (2019): 18 754 000

Total deaths (2019): 127 000

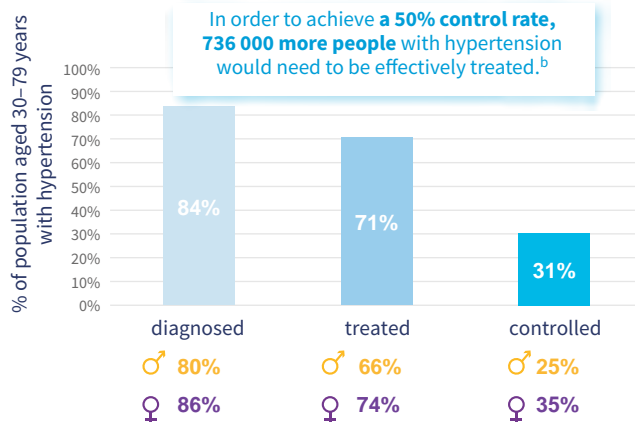
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 42% ♂ 41% ♀ 43%

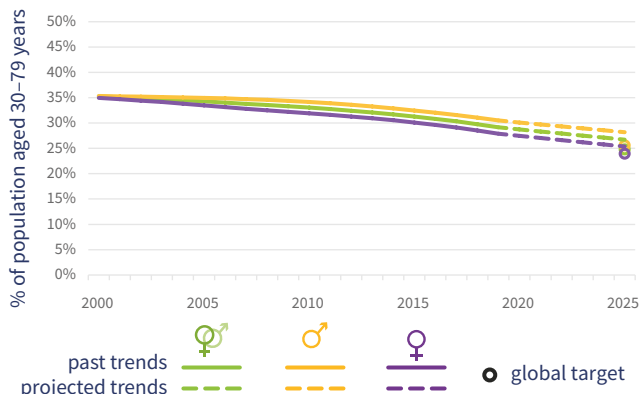
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



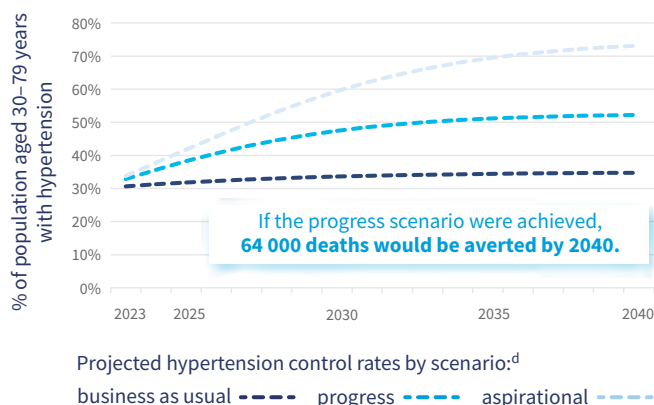
Of the **3.8 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	22	31	15	2019
Cardiovascular disease deaths	60 300	27 500	32 800	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	64	63	65	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	7	2019
Current tobacco use, adults aged 15+ years (%)	24	40	7	2019
Obesity, adults aged 18+ years (%)	21	19	23	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	5	8	1	2019
Physical inactivity, adults aged 18+ years (%)	28	26	29	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Kenya

## Hypertension profile

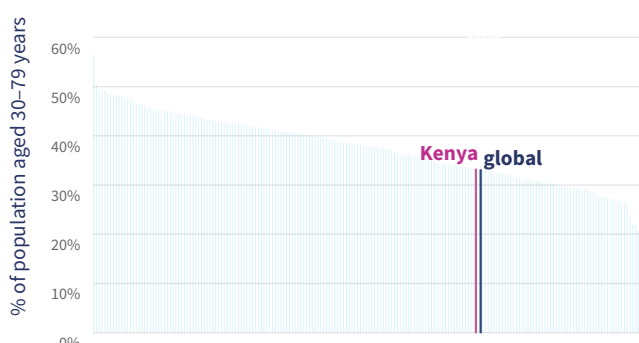
Total population (2019): 50 951 000

Total deaths (2019): 294 000

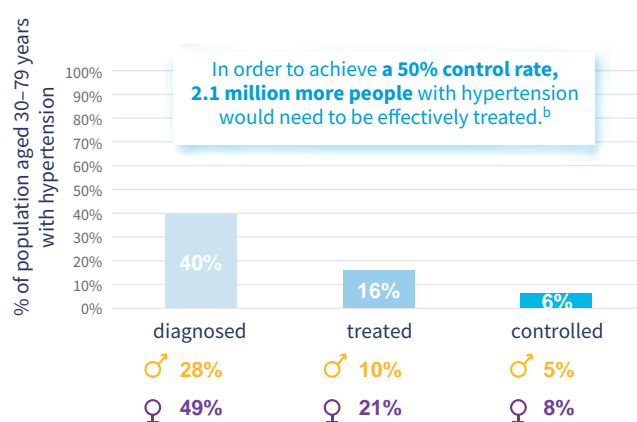
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 33% ♂ 31% ♀ 35%

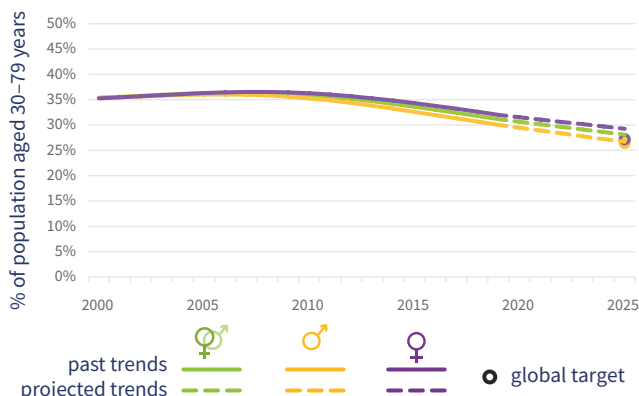
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



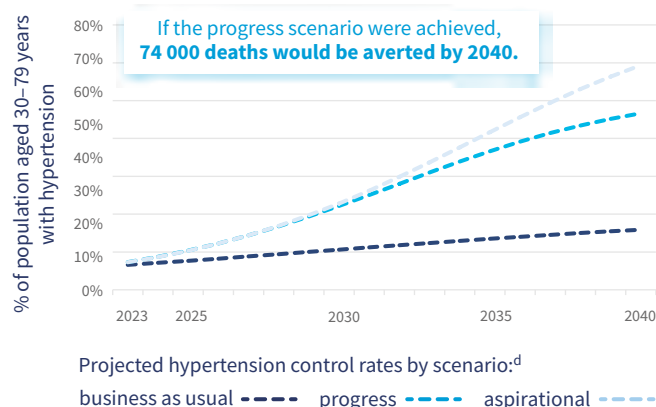
Of the **4.8 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual --- progress ..... aspirational ----

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	21	23	20	2019
Cardiovascular disease deaths	36 000	18 000	18 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	60	57	64	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	4	8	2019
Current tobacco use, adults aged 15+ years (%)	12	20	3	2019
Obesity, adults aged 18+ years (%)	7	3	11	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	3	5	1	2019
Physical inactivity, adults aged 18+ years (%)	15	14	17	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Kiribati

## Hypertension profile

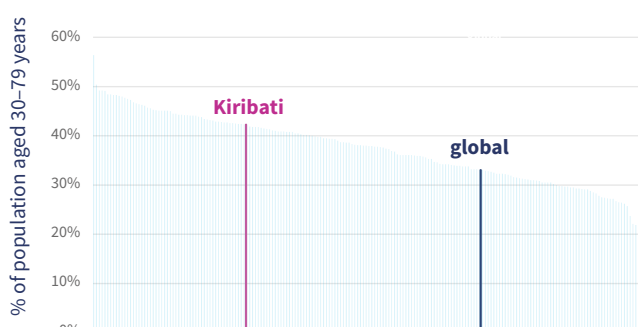
Total population (2019): 124 000

Total deaths (2019): 1280

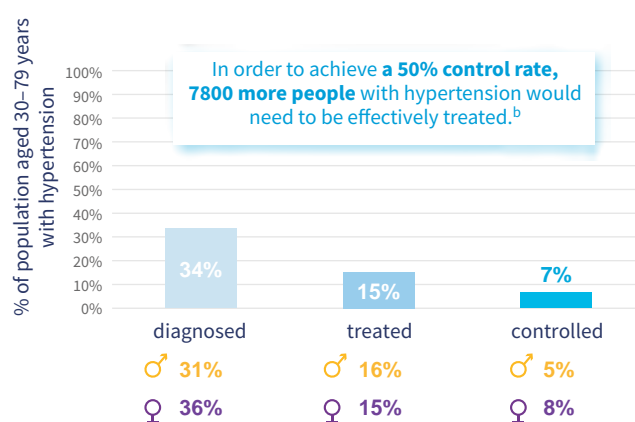
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 42% ♂ 40% ♀ 44%

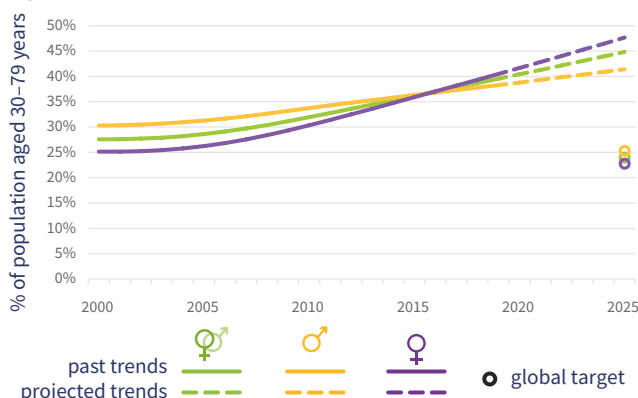
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



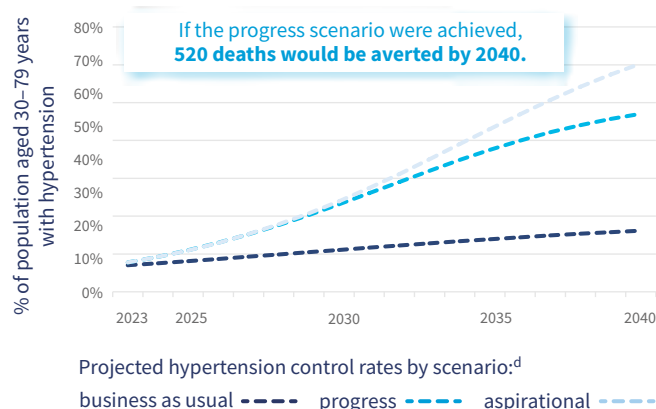
Of the 18 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	51	58	44	2019
Cardiovascular disease deaths	390	220	170	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	46	50	39	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	42	55	28	2019
Obesity, adults aged 18+ years (%)	46	42	50	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	1	1	0	2019
Physical inactivity, adults aged 18+ years (%)	40	34	46	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Kuwait

## Hypertension profile

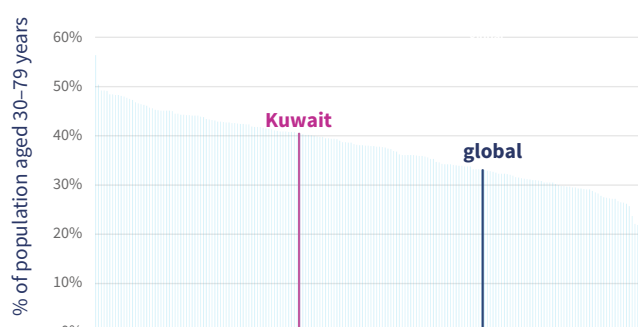
Total population (2019): 4 441 000

Total deaths (2019): 8240

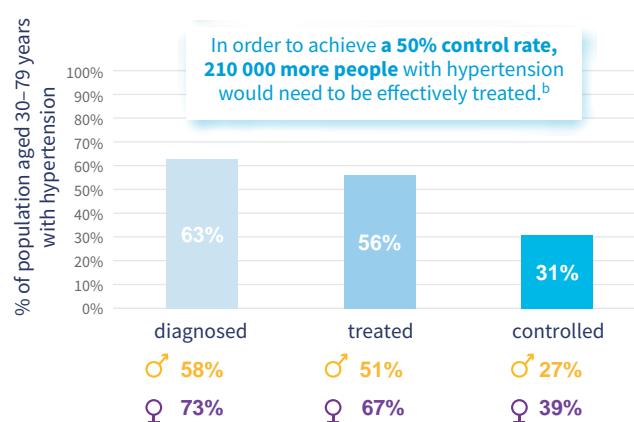
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 41% ♂ 44% ♀ 35%

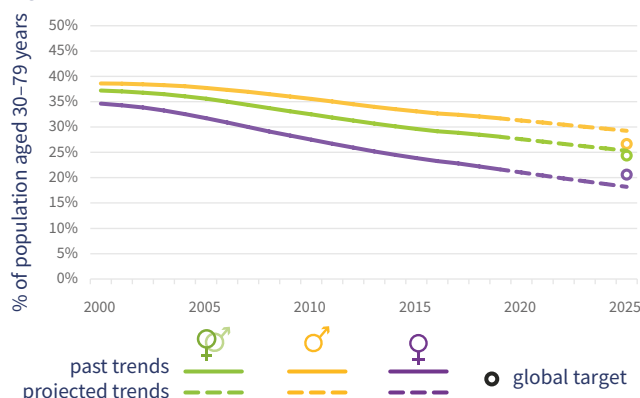
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



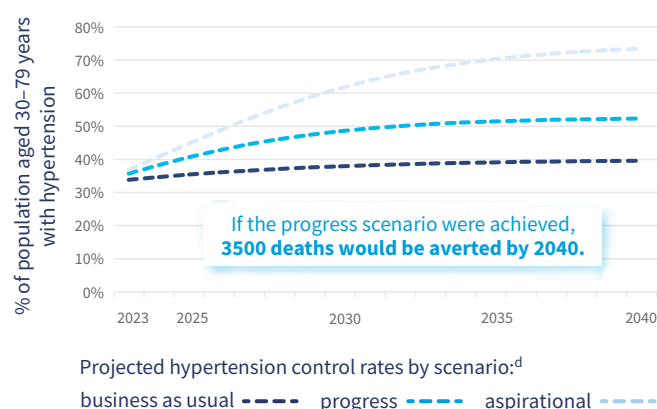
Of the 921 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual — progress — aspirational —

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	12	14	8	2019
Cardiovascular disease deaths	3300	2900	460	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	57	55	60	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	9	7	2019
Current tobacco use, adults aged 15+ years (%)	18	34	2	2019
Obesity, adults aged 18+ years (%)	38	33	46	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	67	61	75	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.



# Kyrgyzstan

## Hypertension profile

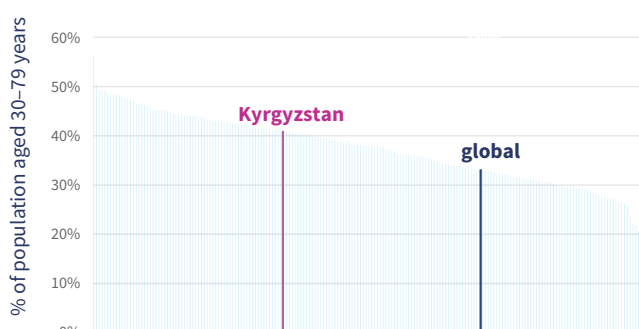
Total population (2019): 6 324 000

Total deaths (2019): 29 900

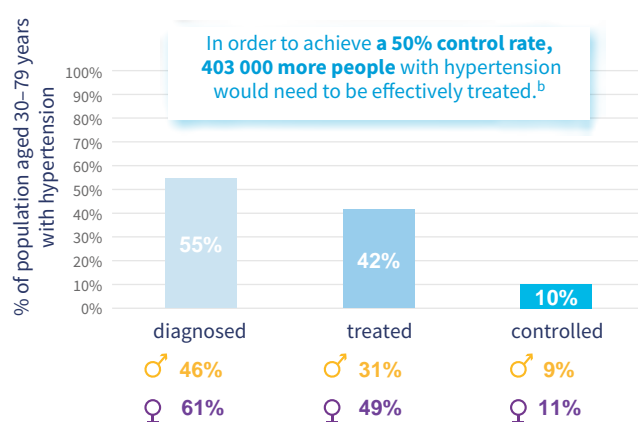
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 41% ♂ 38% ♀ 43%

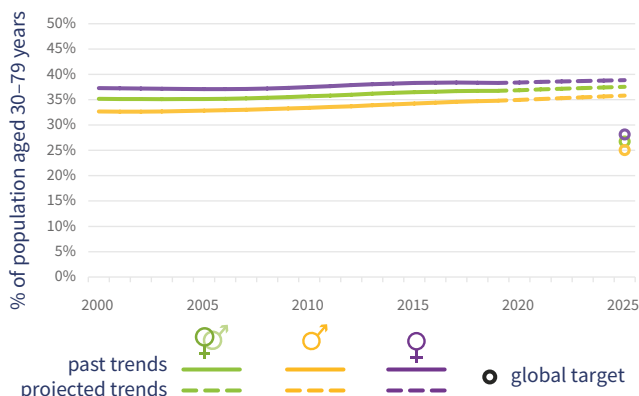
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



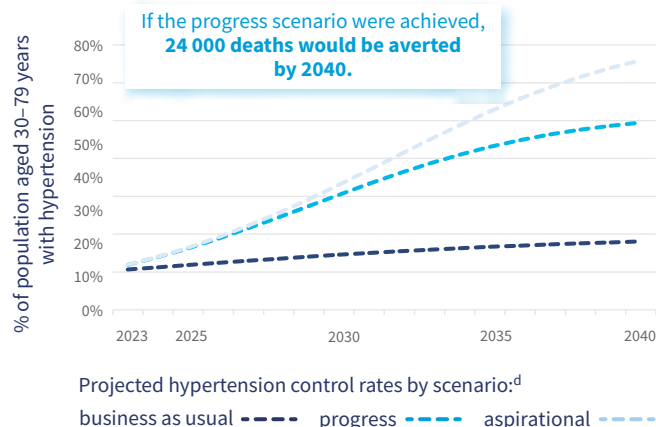
### Of the 1 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	20	27	15	2019
Cardiovascular disease deaths	14 000	6800	7100	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	44	44	44	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	7	2019
Current tobacco use, adults aged 15+ years (%)	28	52	3	2019
Obesity, adults aged 18+ years (%)	17	14	19	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	5	9	1	2019
Physical inactivity, adults aged 18+ years (%)	14	11	17	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

✗  
✓

✗  
✗  
✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Lao People's Democratic Republic

## Hypertension profile

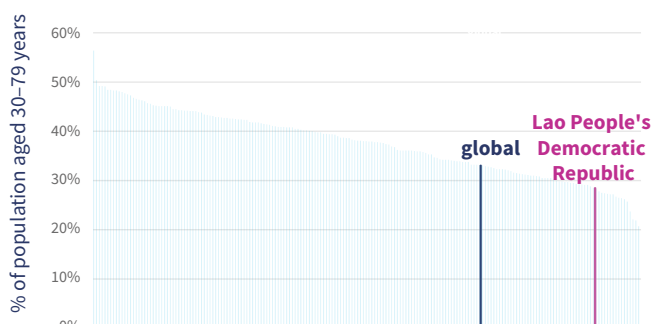
Total population (2019): 7 212 000

Total deaths (2019): 43 500

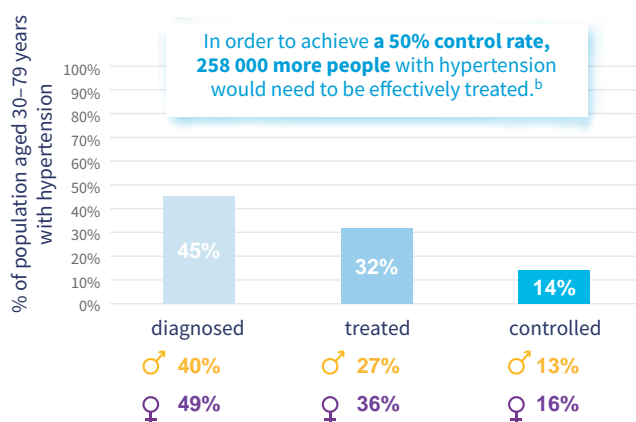
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 29% ♂ 26% ♀ 31%

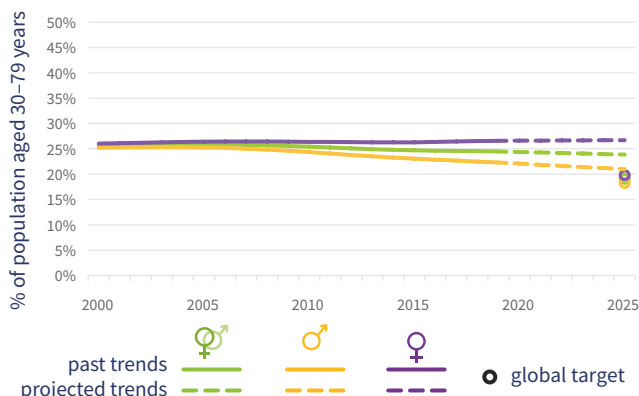
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



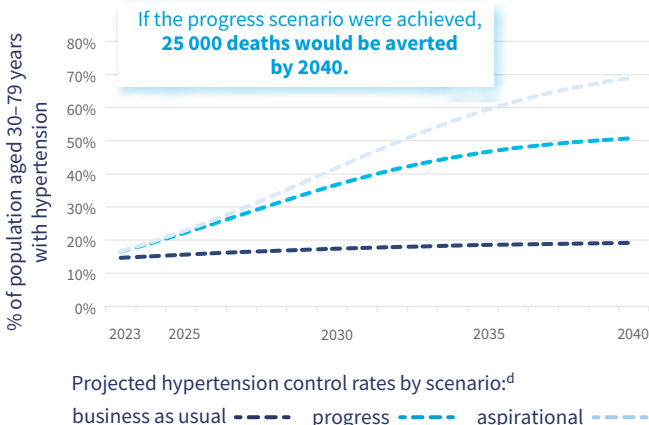
Of the **712 000** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	27	31	23	2019
Cardiovascular disease deaths	12 500	6500	6100	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	53	55	51	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	10	2019
Current tobacco use, adults aged 15+ years (%)	33	54	11	2019
Obesity, adults aged 18+ years (%)	5	4	7	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	12	18	5	2019
Physical inactivity, adults aged 18+ years (%)	16	12	21	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Latvia

## Hypertension profile

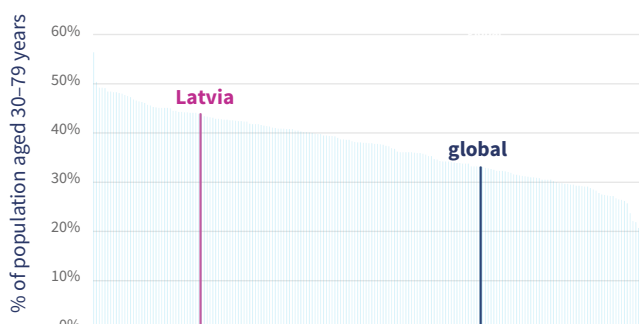
Total population (2019): 1 917 000

Total deaths (2019): 29 800

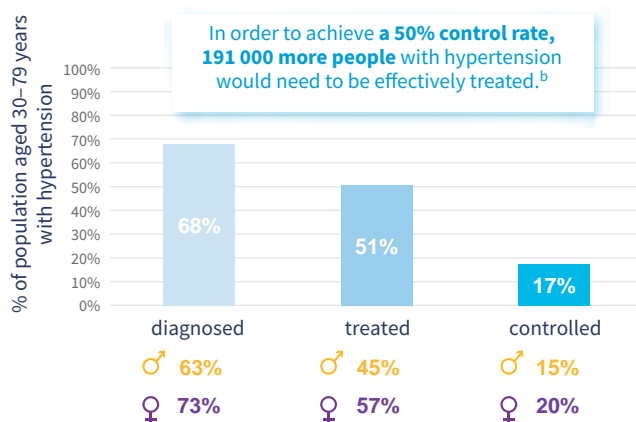
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 44% ♂ 49% ♀ 39%

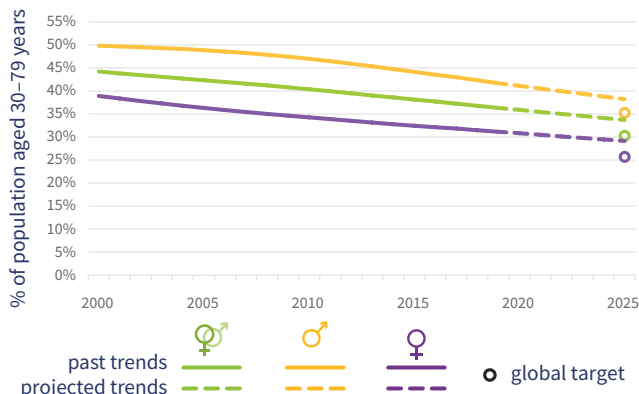
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



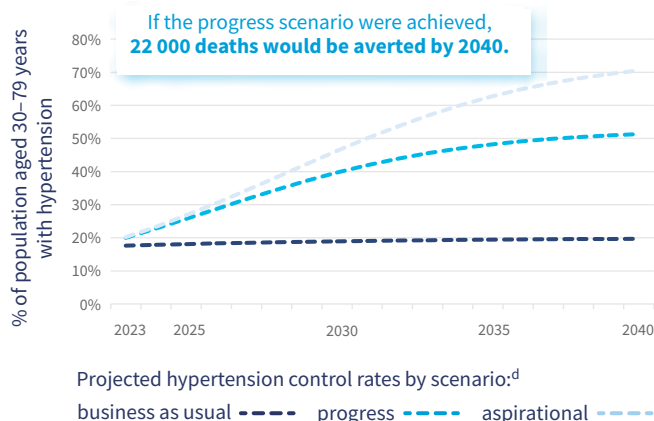
Of the 605 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	22	31	14	2019
Cardiovascular disease deaths	16 900	6700	10 200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	58	57	59	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	10	6	2019
Current tobacco use, adults aged 15+ years (%)	37	51	24	2019
Obesity, adults aged 18+ years (%)	24	22	25	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	13	22	6	2019
Physical inactivity, adults aged 18+ years (%)	30	25	33	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Lebanon

## Hypertension profile

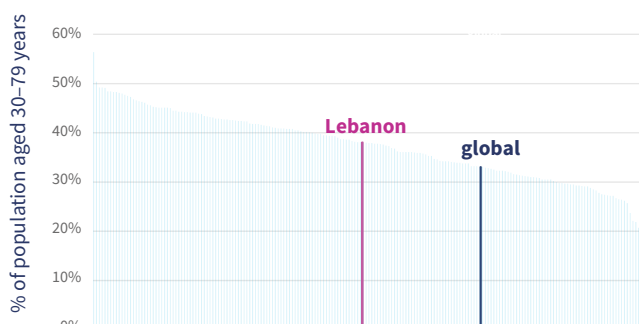
Total population (2019): 5 782 000

Total deaths (2019): 37 800

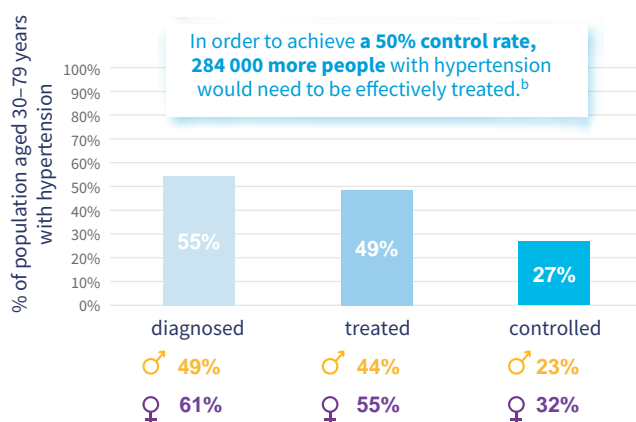
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 38% ♂ 42% ♀ 34%

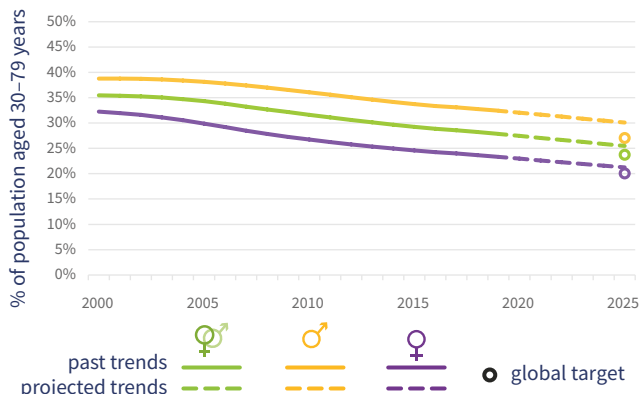
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



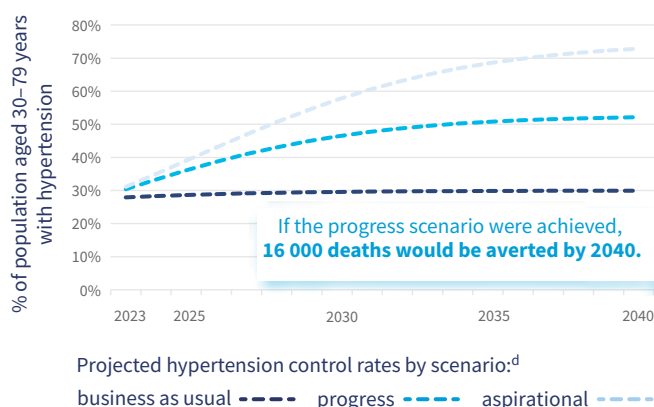
Of the **1.2 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	20	24	15	2019
Cardiovascular disease deaths	17 500	10 400	7200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	55	57	52	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	7	5	2019
Current tobacco use, adults aged 15+ years (%)	38	48	29	2019
Obesity, adults aged 18+ years (%)	32	27	37	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	1	3	0	2019
Physical inactivity, adults aged 18+ years (%)	36	40	33	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Lesotho

## Hypertension profile

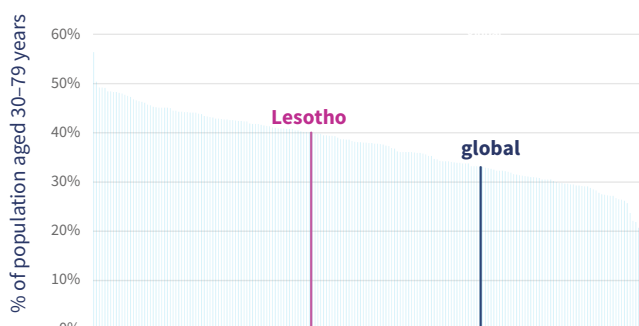
Total population (2019): 2 226 000

Total deaths (2019): 35 700

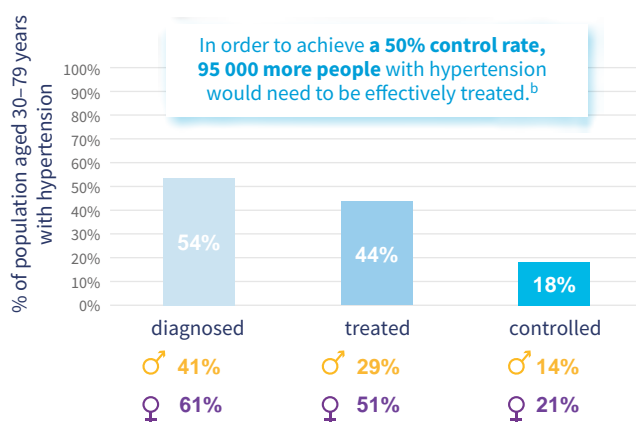
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 40% ♂ 32% ♀ 47%

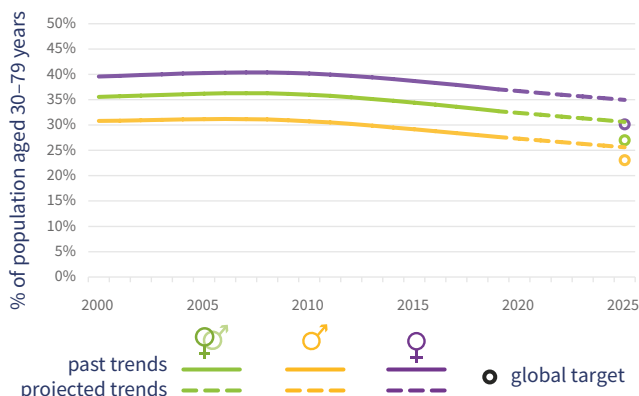
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



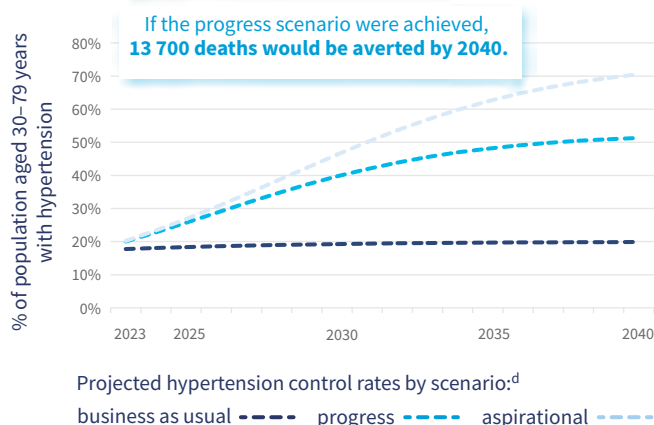
Of the 297 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	43	49	37	2019
Cardiovascular disease deaths	6600	3000	3600	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	57	55	60	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	8	7	2019
Current tobacco use, adults aged 15+ years (%)	24	43	6	2019
Obesity, adults aged 18+ years (%)	17	5	27	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	5	8	1	2019
Physical inactivity, adults aged 18+ years (%)	6	7	6	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Liberia

## Hypertension profile

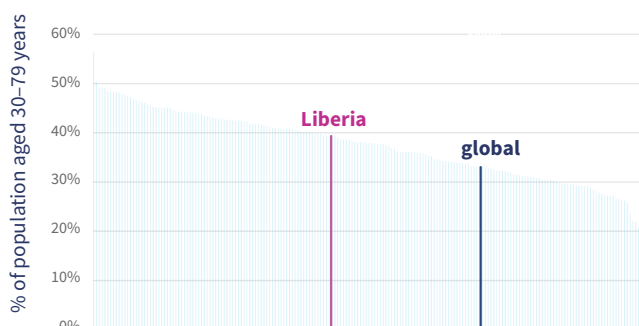
Total population (2019): 4 985 000

Total deaths (2019): 36 600

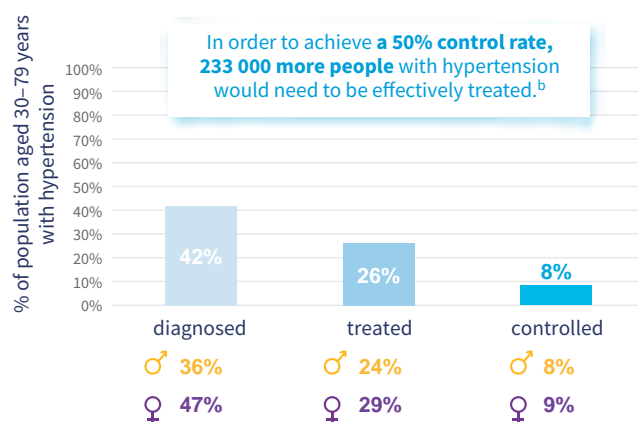
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 39% ♂ 37% ♀ 41%

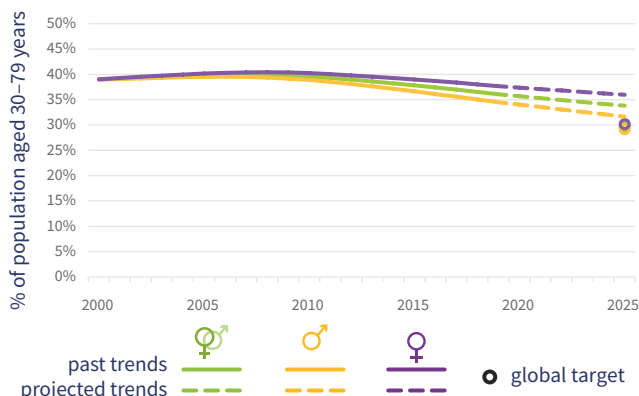
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



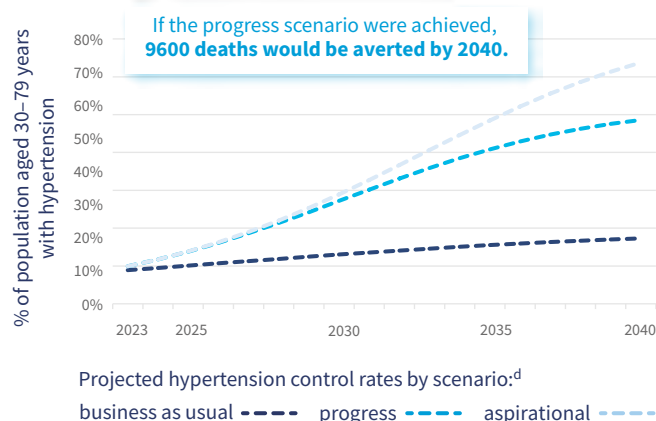
Of the 555 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	18	15	20	2019
Cardiovascular disease deaths	4200	1800	2500	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	59	58	61	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	8	15	2	2019
Obesity, adults aged 18+ years (%)	10	6	14	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	4	6	1	2019
Physical inactivity, adults aged 18+ years (%)	25	22	29	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

✓  
✗

### Treatment

Guidelines for management of hypertension

✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

✗  
✗  
✗

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Libya

## Hypertension profile

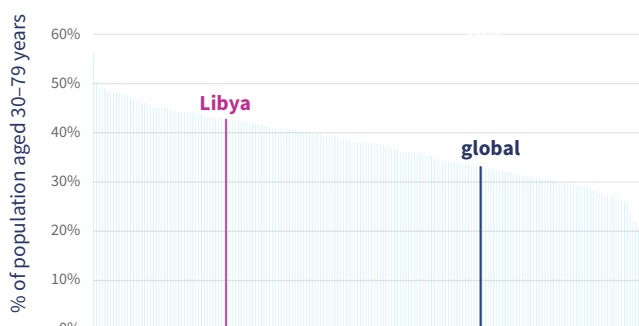
Total population (2019): 6 569 000

Total deaths (2019): 27 100

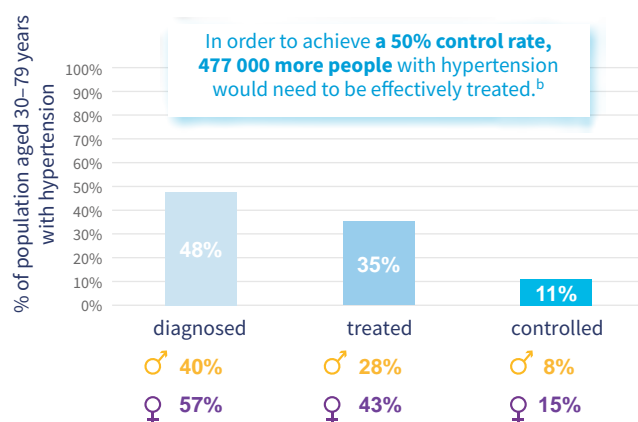
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 43% ♂ 46% ♀ 39%

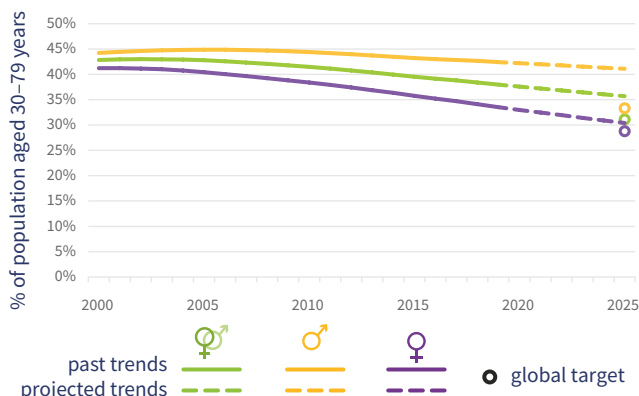
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



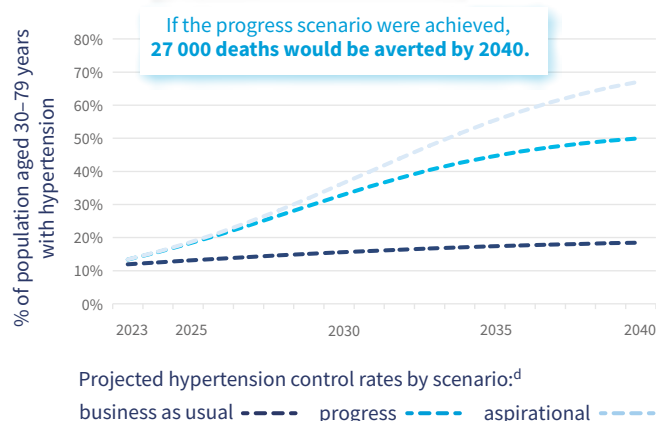
Of the **1.2 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	19	20	18	2019
Cardiovascular disease deaths	10 700	5200	5500	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	61	59	62	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	7	5	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	33	25	40	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	36	31	42	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.



# Lithuania

## Hypertension profile

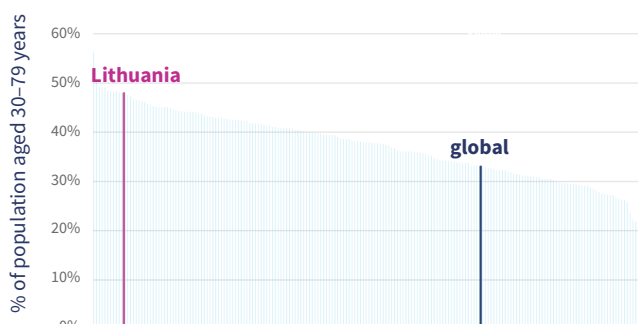
Total population (2019): 2 849 000

Total deaths (2019): 42 000

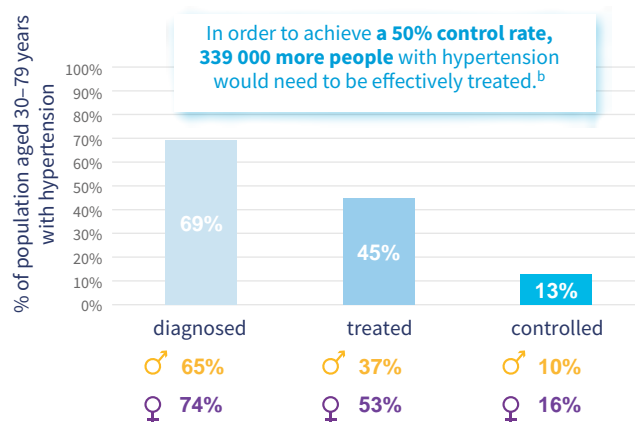
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 48% ♂ 54% ♀ 42%

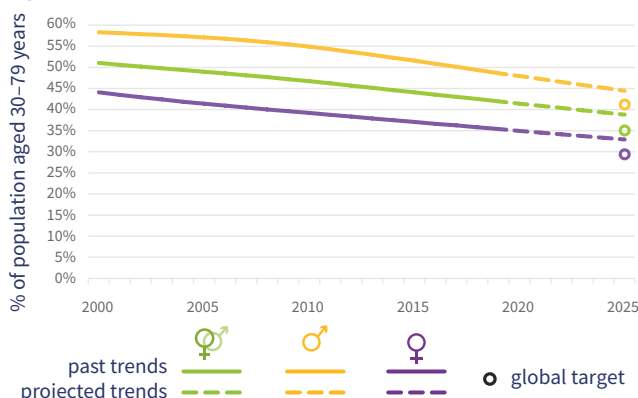
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



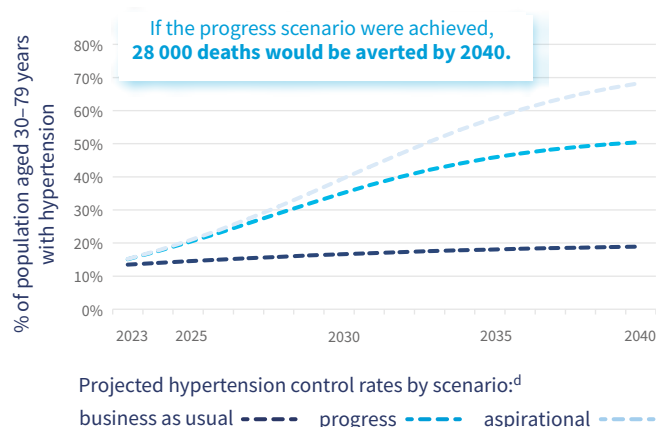
Of the 940 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	19	28	12	2019
Cardiovascular disease deaths	24 000	9400	14 500	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	58	60	56	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	7	2019
Current tobacco use, adults aged 15+ years (%)	32	43	22	2019
Obesity, adults aged 18+ years (%)	26	24	28	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	12	19	5	2019
Physical inactivity, adults aged 18+ years (%)	27	23	29	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Luxembourg

## Hypertension profile

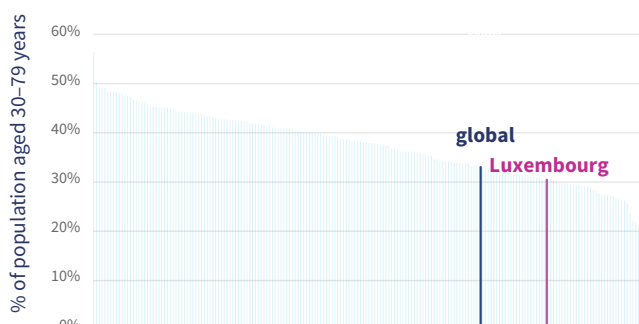
Total population (2019): 620 000

Total deaths (2019): 4250

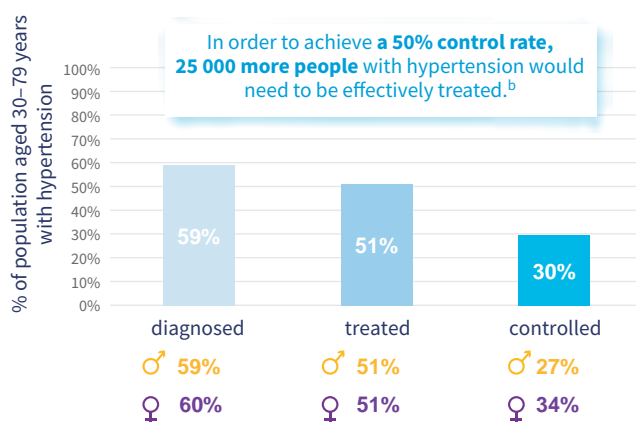
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 31% ♂ 37% ♀ 24%

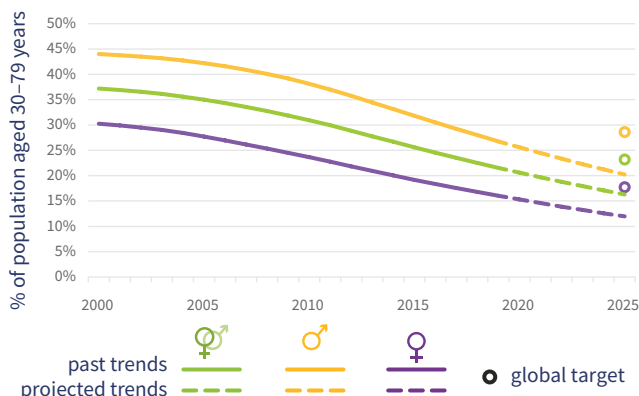
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



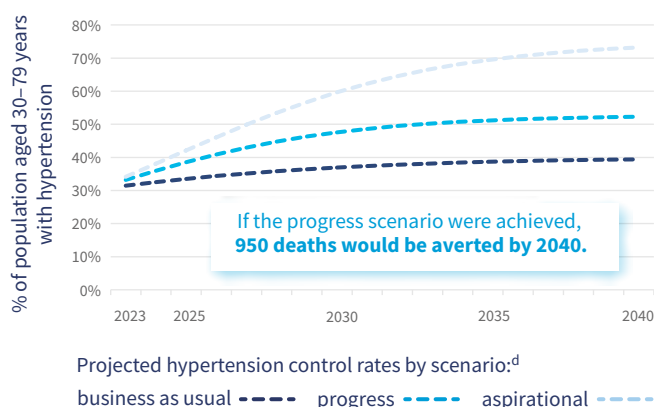
Of the 126 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	10	12	7	2019
Cardiovascular disease deaths	1300	600	680	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	51	53	49	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	10	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	22	23	20	2019
Obesity, adults aged 18+ years (%)	23	25	21	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	12	18	5	2019
Physical inactivity, adults aged 18+ years (%)	28	26	30	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Madagascar

## Hypertension profile

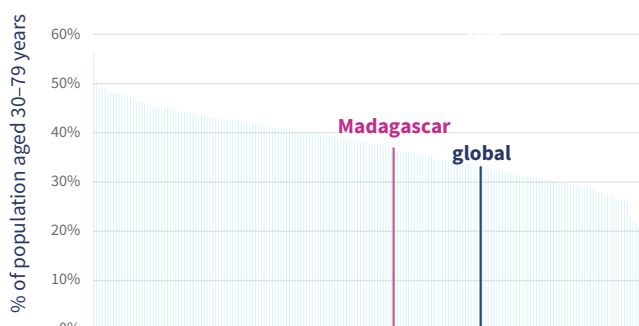
Total population (2019): 27 533 000

Total deaths (2019): 178 000

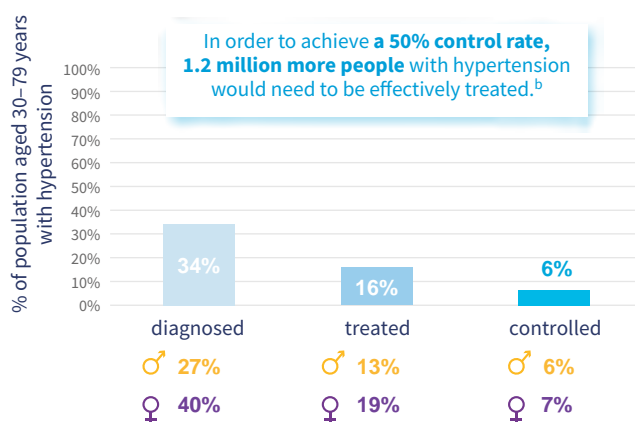
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 37% ♂ 35% ♀ 39%

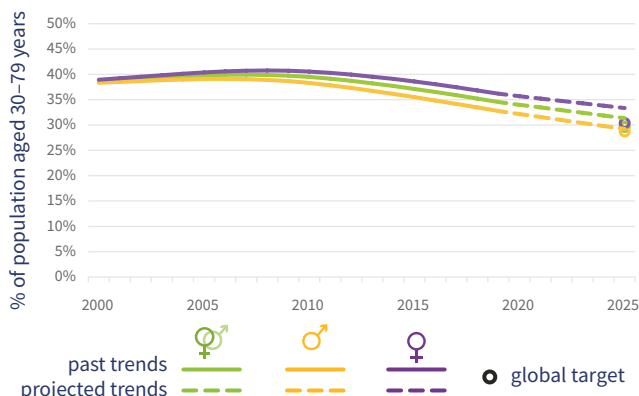
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



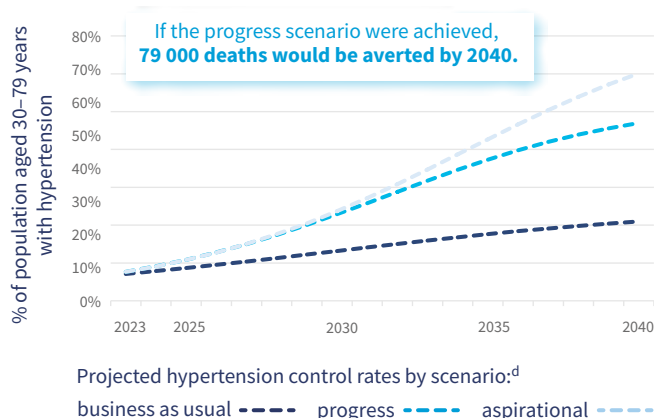
Of the **2.8 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual – – – progress ···· aspirational - - -

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	26	26	26	2019
Cardiovascular disease deaths	40 500	19 600	20 900	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	61	59	63	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	6	8	2019
Current tobacco use, adults aged 15+ years (%)	28	43	14	2019
Obesity, adults aged 18+ years (%)	5	3	8	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	1	2	0	2019
Physical inactivity, adults aged 18+ years (%)	17	13	21	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Malawi

## Hypertension profile

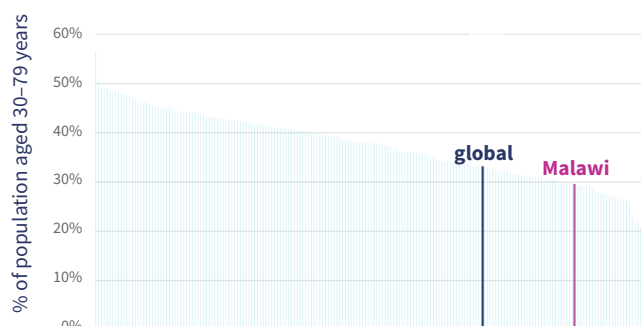
Total population (2019): 18 867 000

Total deaths (2019): 108 000

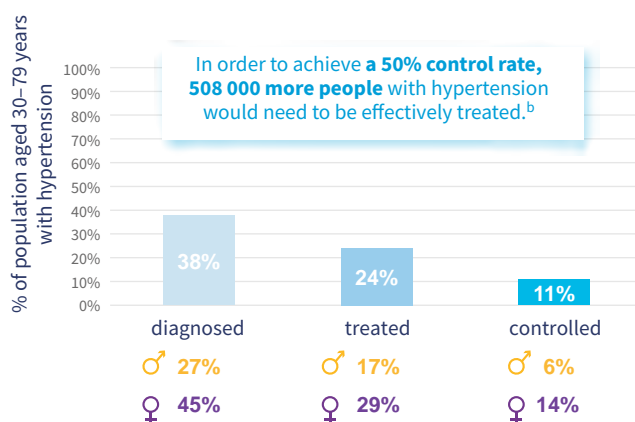
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 30% ♂ 27% ♀ 32%

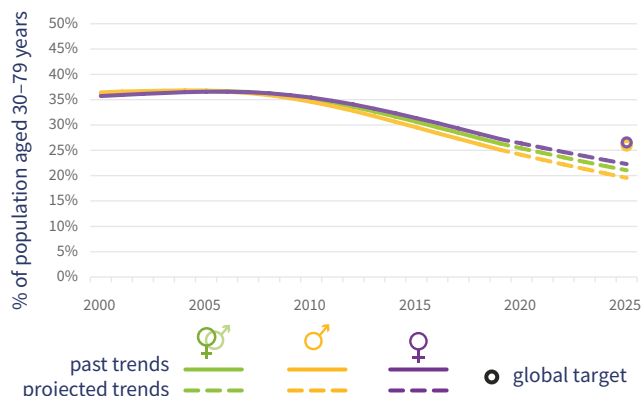
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



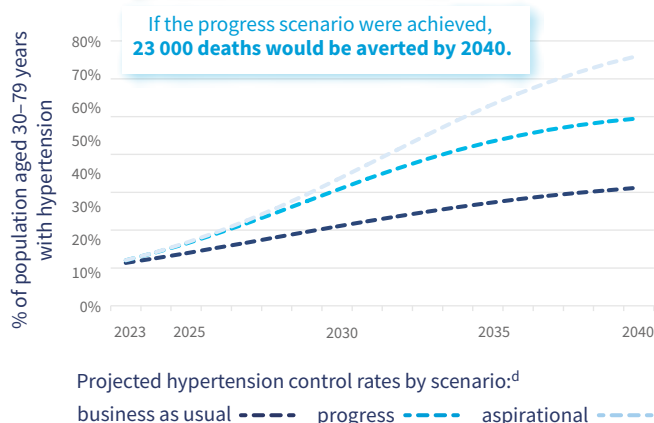
Of the **1.2 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

Probability of premature mortality from NCDs (%)

Cardiovascular disease deaths

Cardiovascular disease deaths attributable to high systolic blood pressure (%)

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	23	26	20	2019
Cardiovascular disease deaths	14 000	7500	6400	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	64	64	65	2019

## Risk factors<sup>e</sup>

Mean population salt intake, adults aged 25+ years (g/day)

Current tobacco use, adults aged 15+ years (%)

Obesity, adults aged 18+ years (%)

Total alcohol per capita consumption, adults aged 15+ years (litres)

Physical inactivity, adults aged 18+ years (%)

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	6	8	2019
Current tobacco use, adults aged 15+ years (%)	11	18	4	2019
Obesity, adults aged 18+ years (%)	6	2	9	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	3	6	1	2019
Physical inactivity, adults aged 18+ years (%)	16	13	18	2016

## National response

### Targets

National target for blood pressure

National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension

Conducted recent, national survey on salt/sodium intake

Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Malaysia

## Hypertension profile

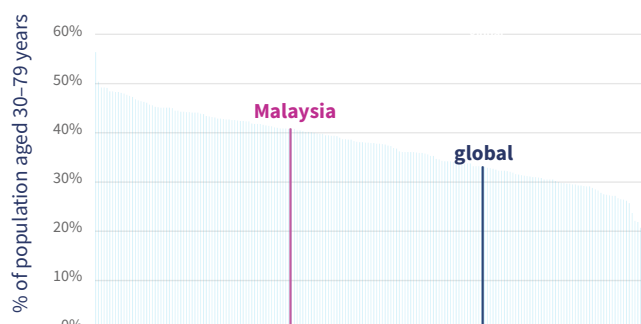
Total population (2019): 32 804 000

Total deaths (2019): 185 000

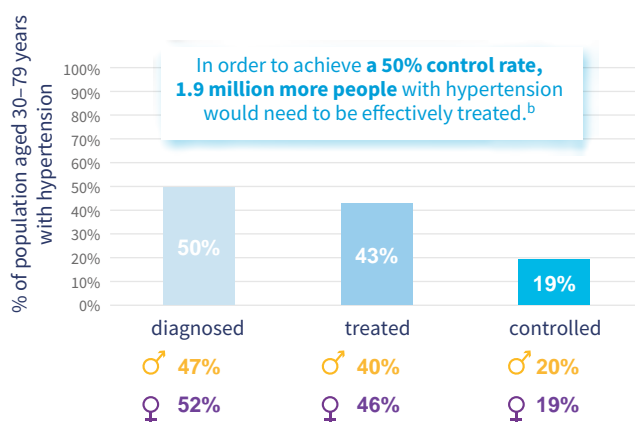
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 41% ♂ 41% ♀ 41%

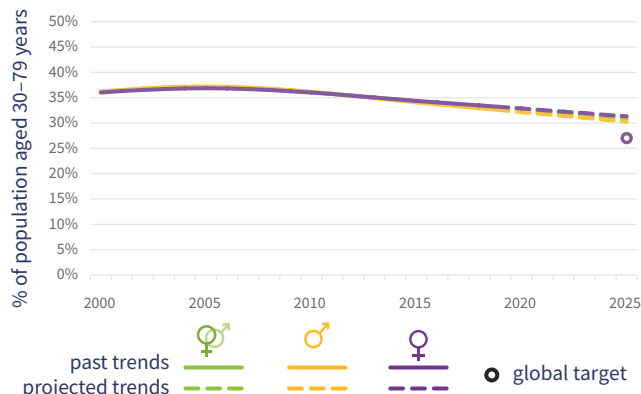
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



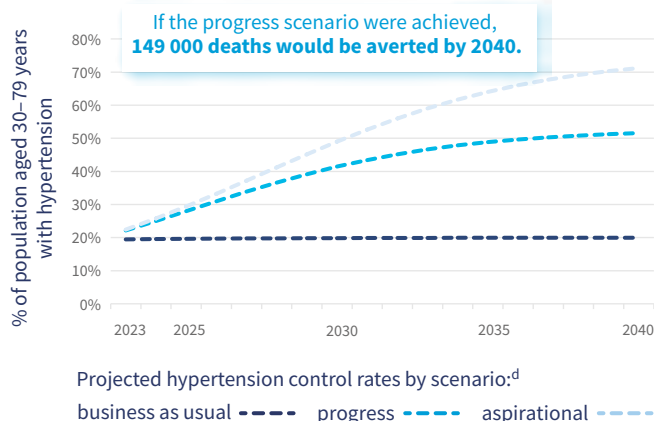
Of the **6.1 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	18	22	15	2019
Cardiovascular disease deaths	63 600	37 100	26 500	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	62	62	63	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	10	2019
Current tobacco use, adults aged 15+ years (%)	23	44	1	2019
Obesity, adults aged 18+ years (%)	16	13	18	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	1	1	0	2019
Physical inactivity, adults aged 18+ years (%)	39	35	43	2016

## National response

### Targets

- National target for blood pressure ✓
- National target for salt consumption ✓

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension ✓
- Conducted recent, national survey on salt/sodium intake ✓
- Functioning system for generating reliable cause-specific mortality data on a routine basis ✗

### Treatment

- Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Maldives

## Hypertension profile

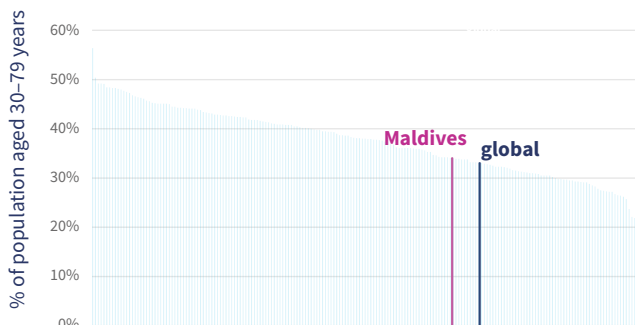
Total population (2019): 505 000

Total deaths (2019): 1330

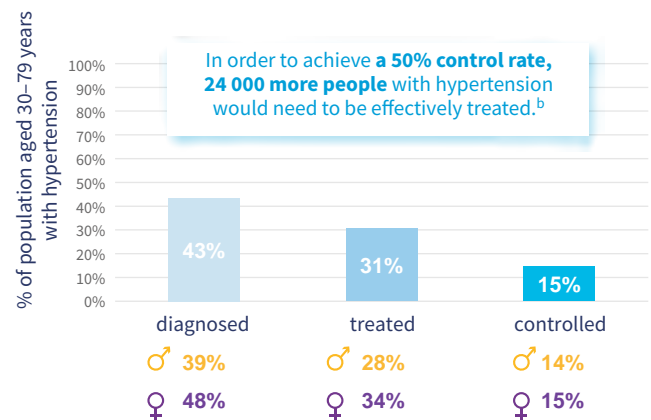
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 34% ♂ 33% ♀ 35%

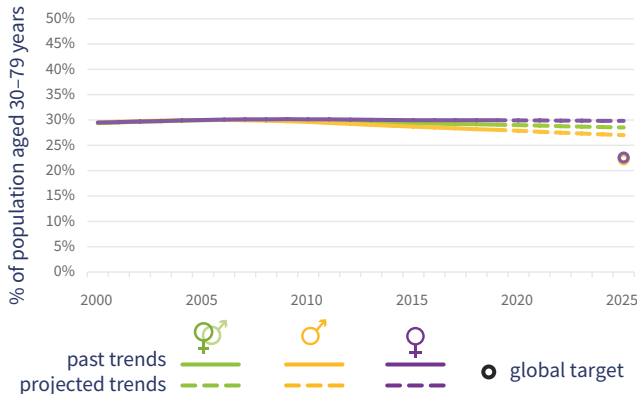
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



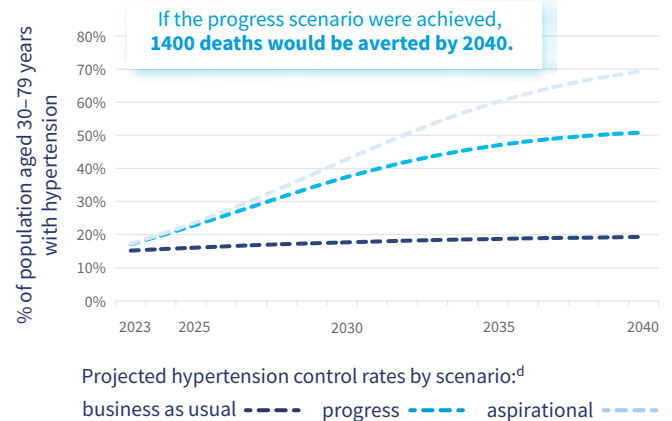
Of the 65 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	12	14	9	2019
Cardiovascular disease deaths	480	300	180	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	53	53	54	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	10	10	2019
Current tobacco use, adults aged 15+ years (%)	26	45	6	2019
Obesity, adults aged 18+ years (%)	9	6	11	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	1	2	0	2019
Physical inactivity, adults aged 18+ years (%)	30	26	35	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Mali

## Hypertension profile

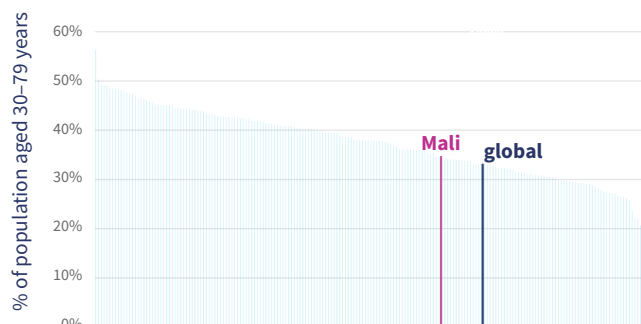
Total population (2019): 20 567 000

Total deaths (2019): 154 000

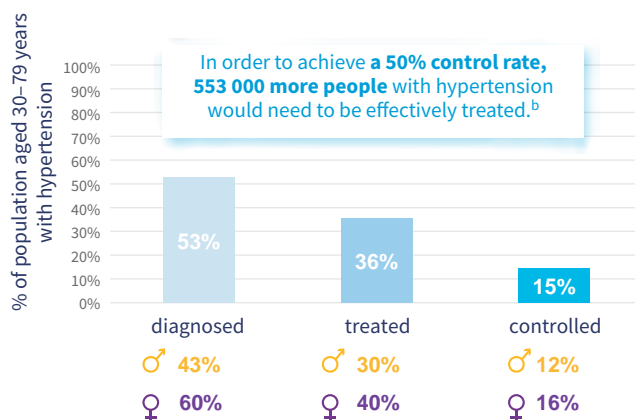
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 35% ♂ 31% ♀ 38%

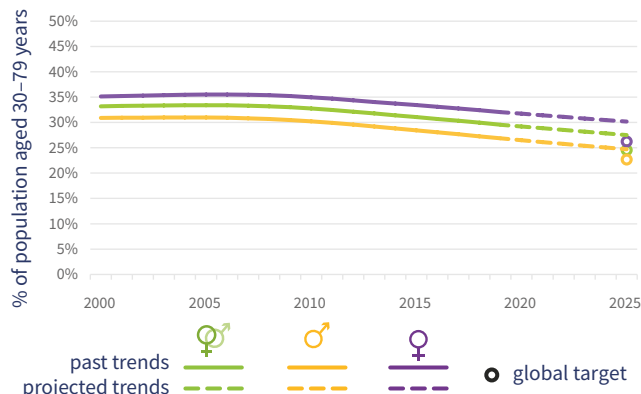
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



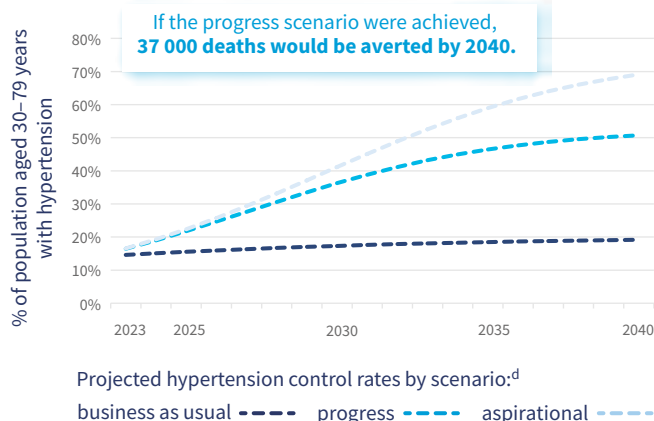
Of the **1.5 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	22	20	24	2019
Cardiovascular disease deaths	15 300	6300	9000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	50	45	55	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	9	16	1	2019
Obesity, adults aged 18+ years (%)	9	5	12	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	4	7	1	2019
Physical inactivity, adults aged 18+ years (%)	40	34	47	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.



# Malta

## Hypertension profile

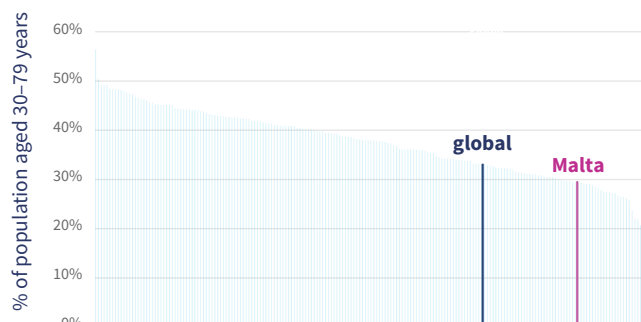
Total population (2019): 504 000

Total deaths (2019): 3800

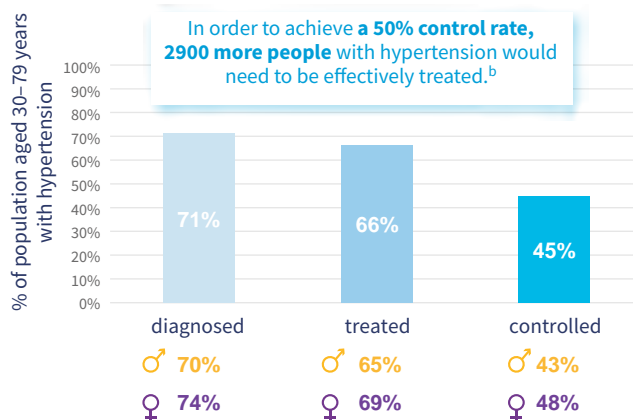
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 30% ♂ 34% ♀ 25%

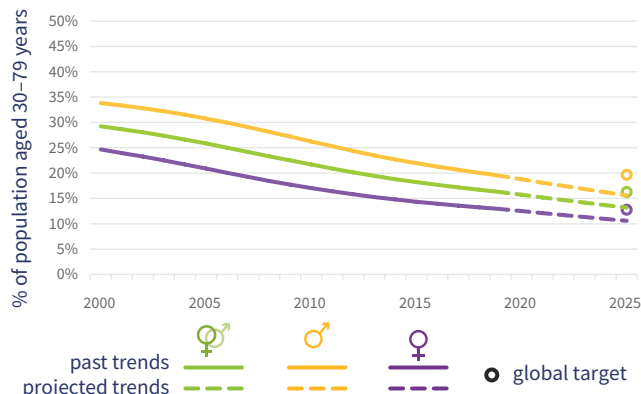
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



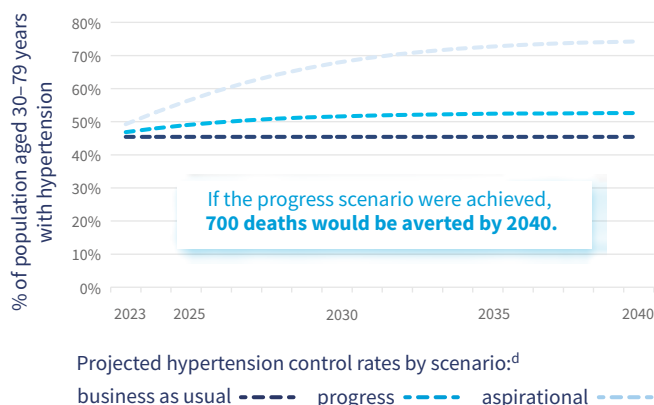
Of the 103 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	11	13	8	2019
Cardiovascular disease deaths	1400	650	700	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	52	54	50	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	11	8	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	25	27	22	2019
Obesity, adults aged 18+ years (%)	29	29	29	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	9	13	4	2019
Physical inactivity, adults aged 18+ years (%)	42	36	47	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Marshall Islands

## Hypertension profile

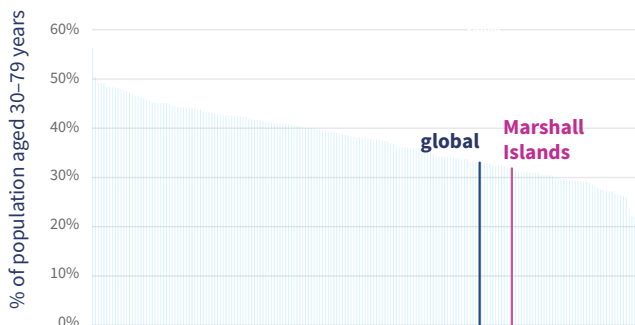
Total population (2019): 44 700

Total deaths (2019): no data

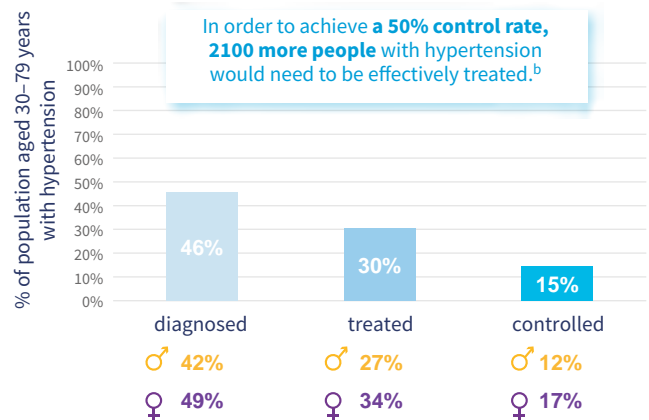
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 32% ♂ 31% ♀ 33%

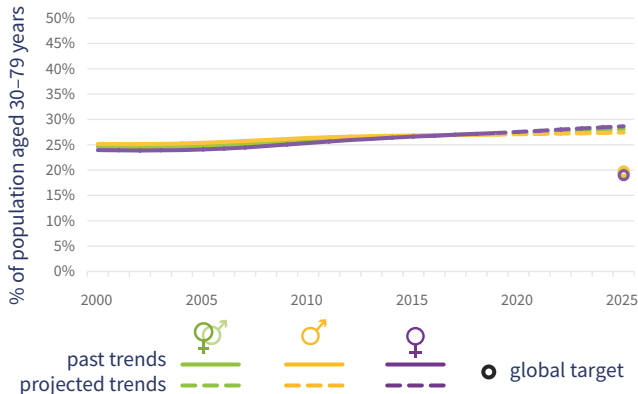
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



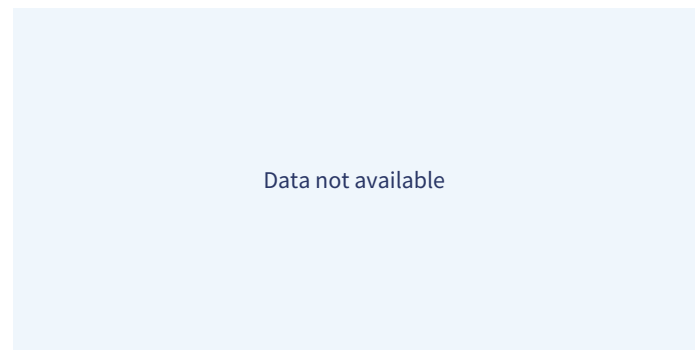
Of the 6000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



### Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	no data	no data	no data	2019
Cardiovascular disease deaths	no data	no data	no data	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	48	49	45	2019

### Risk factors<sup>d</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	28	49	8	2019
Obesity, adults aged 18+ years (%)	53	48	57	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	no data	no data	no data	2019
Physical inactivity, adults aged 18+ years (%)	44	37	50	2016

### National response

#### Targets

National target for blood pressure  
National target for salt consumption

✗  
✗

#### Treatment

Guidelines for management of hypertension

✗

#### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

✓  
✗  
✗

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Age-standardized estimates are presented for all indicators except salt intake.

# Mauritania

## Hypertension profile

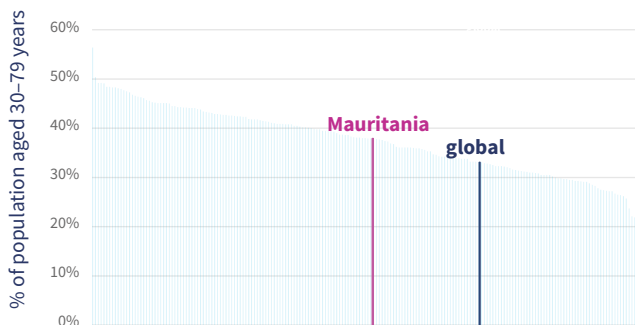
Total population (2019): 4 384 000

Total deaths (2019): 26 300

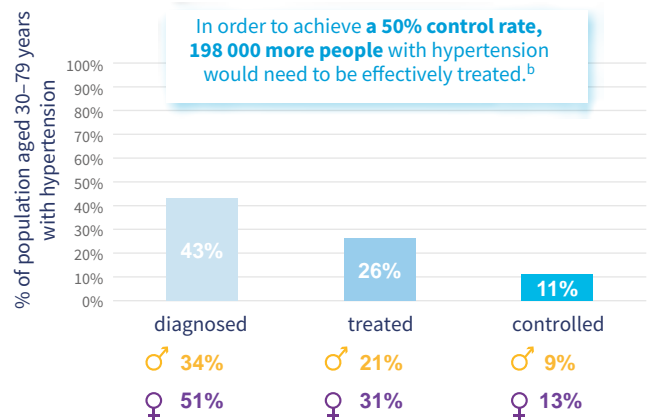
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 38% ♂ 36% ♀ 40%

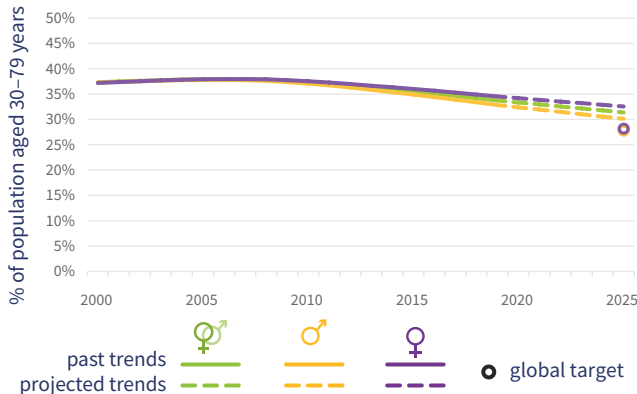
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



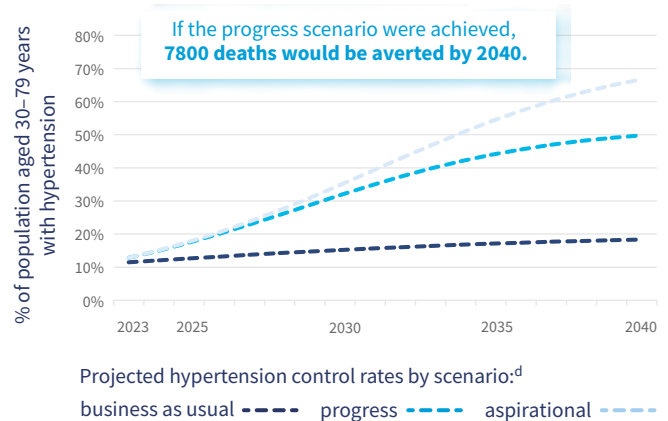
Of the 501 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	16	14	18	2019
Cardiovascular disease deaths	3600	1400	2200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	58	55	60	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	11	20	2	2019
Obesity, adults aged 18+ years (%)	13	7	19	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	41	37	46	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Mauritius

## Hypertension profile

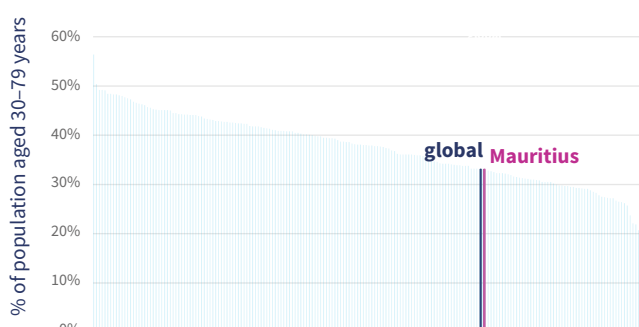
Total population (2019): 1 296 000

Total deaths (2019): 11 400

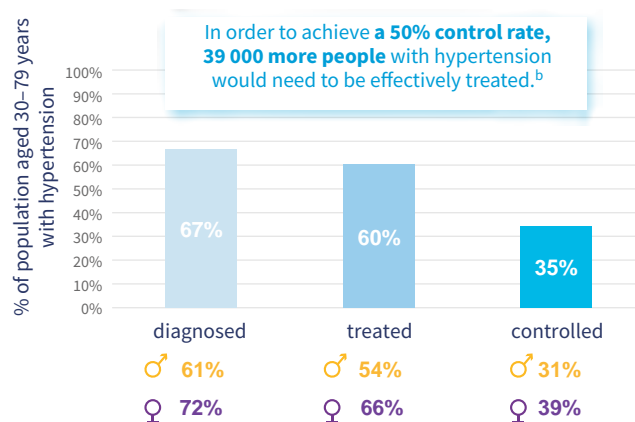
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 33% ♂ 34% ♀ 32%

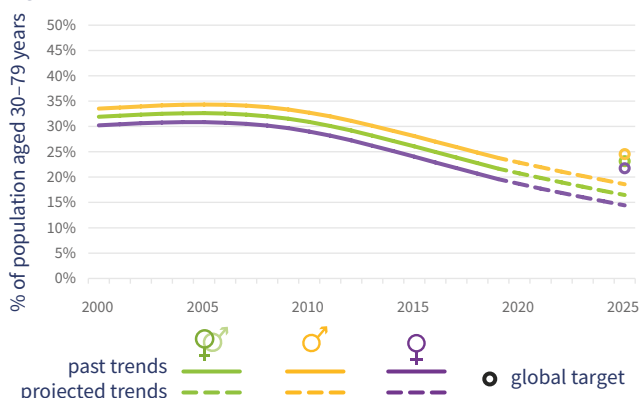
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



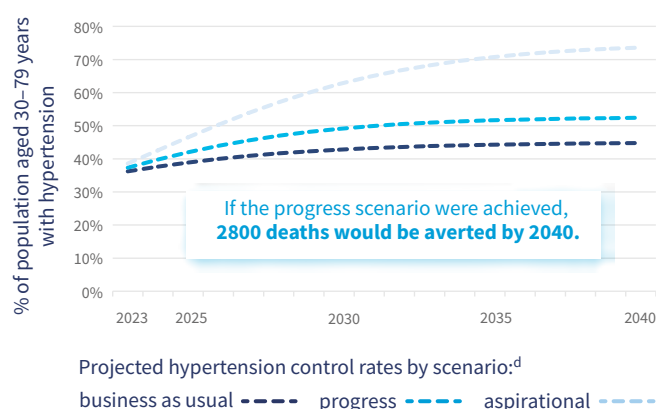
Of the 268 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	23	28	18	2019
Cardiovascular disease deaths	3600	1900	1700	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	57	56	59	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	11	11	10	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	21	38	3	2019
Obesity, adults aged 18+ years (%)	11	6	16	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	8	12	3	2019
Physical inactivity, adults aged 18+ years (%)	30	28	32	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Mexico

## Hypertension profile

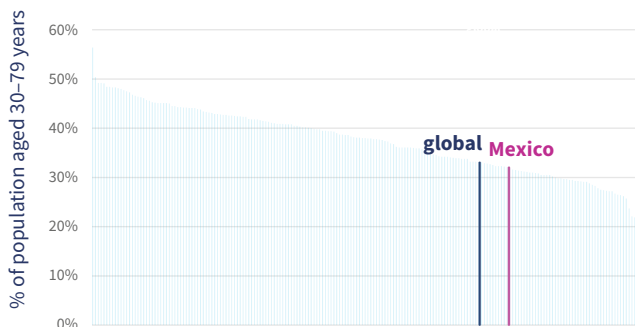
Total population (2019): 125 100 000

Total deaths (2019): 712 000!

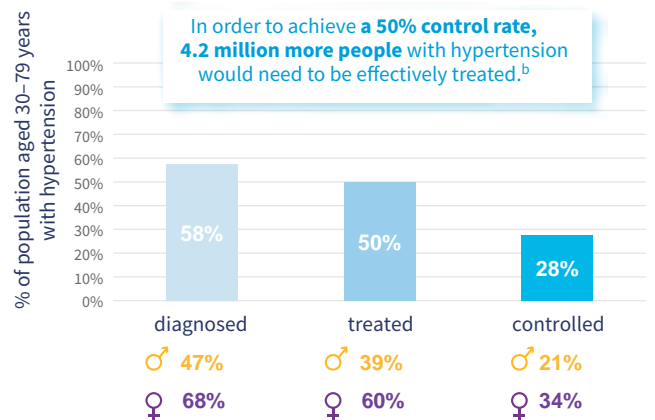
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 32% ♂ 33% ♀ 31%

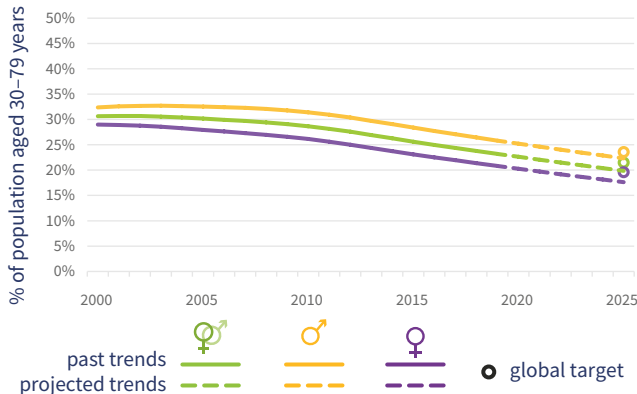
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



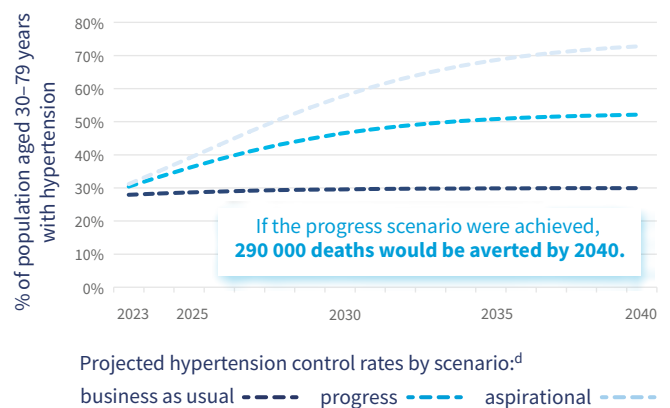
Of the **18.6 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	16	18	13	2019
Cardiovascular disease deaths	188 000	98 600	89 300	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	52	52	52	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	9	8	2019
Current tobacco use, adults aged 15+ years (%)	13	20	6	2019
Obesity, adults aged 18+ years (%)	29	24	33	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	6	9	2	2019
Physical inactivity, adults aged 18+ years (%)	29	25	32	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Micronesia (Federated States of)

## Hypertension profile

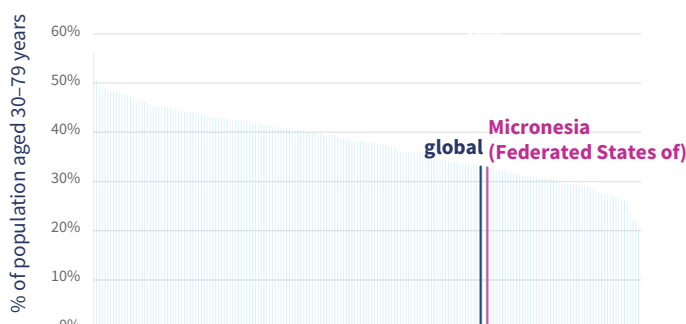
Total population (2019): 111 000

Total deaths (2019): 1030!

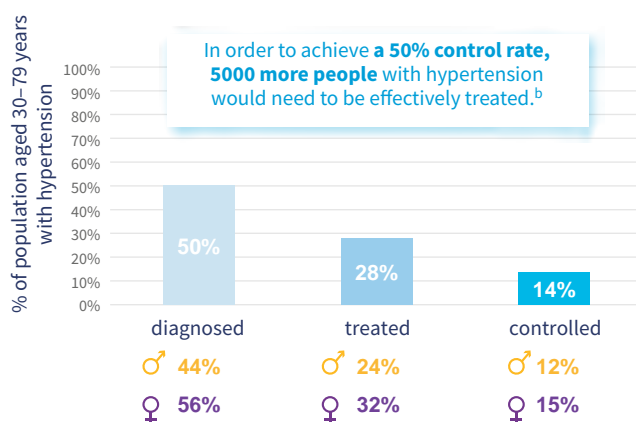
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 33% ♂ 32% ♀ 34%

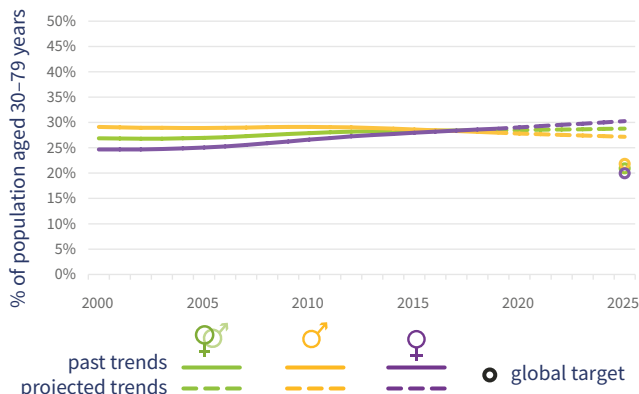
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



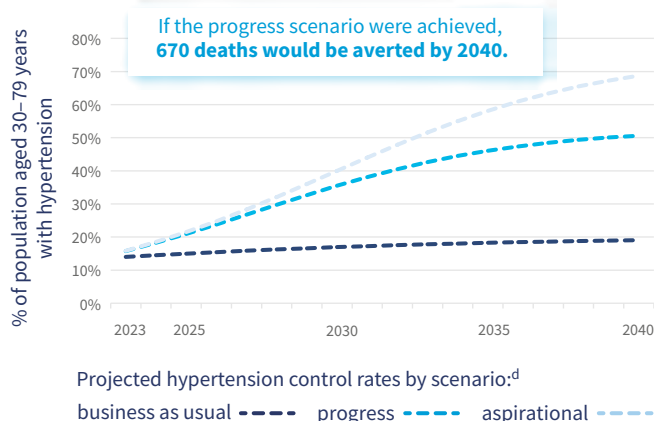
Of the 14 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	46	52	40	2019
Cardiovascular disease deaths	370	220	150	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	46	48	43	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	46	40	52	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	4	1	2019
Physical inactivity, adults aged 18+ years (%)	37	33	40	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Monaco

## Hypertension profile

Total population (2019): 37 000

Total deaths (2019): no data

Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)



no data



no data



no data

Prevalence of hypertension – global comparison (both sexes)

Data not available

Data not available

Trends in uncontrolled hypertension in adults aged 30–79 years

Data not available

Hypertension control rate scenarios

Data not available

### Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	no data	no data	no data	2019
Cardiovascular disease deaths	no data	no data	no data	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	51	53	50	2019

### Risk factors<sup>a</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	9	7	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	no data	no data	no data	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	no data	no data	no data	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

### National response

#### Targets

National target for blood pressure  
National target for salt consumption



#### Treatment

Guidelines for management of hypertension



#### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis



Footnote: a. Age-standardized estimates are presented for all indicators except salt intake.



# Mongolia

## Hypertension profile

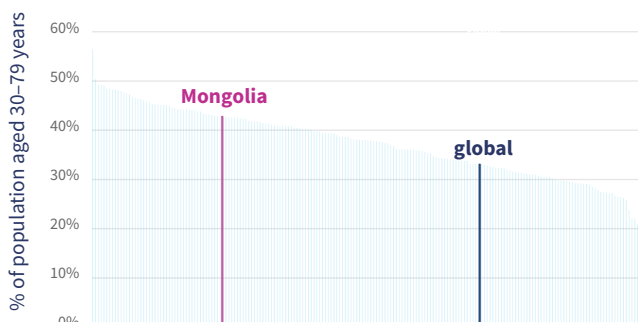
Total population (2019): 3 232 000

Total deaths (2019): 23 400

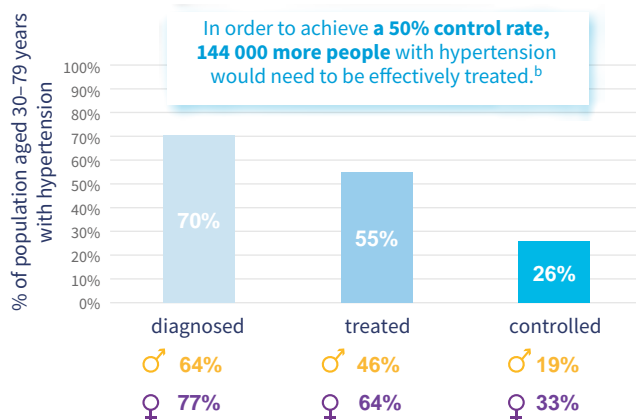
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 43% ♂ 45% ♀ 41%

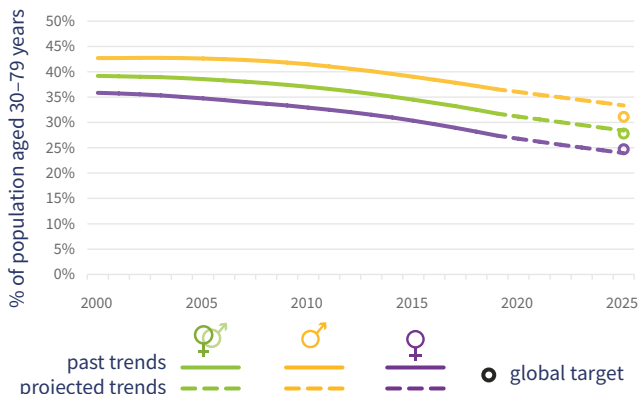
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



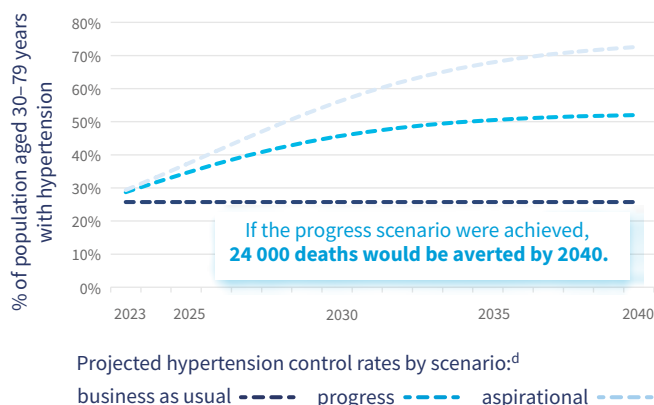
Of the 578 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



### Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	35	45	26	2019
Cardiovascular disease deaths	10 400	6000	4400	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	62	64	60	2019

### Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	7	2019
Current tobacco use, adults aged 15+ years (%)	30	52	7	2019
Obesity, adults aged 18+ years (%)	21	18	23	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	8	13	3	2019
Physical inactivity, adults aged 18+ years (%)	19	18	19	2016

### National response

#### Targets

National target for blood pressure ✓  
National target for salt consumption ✓

#### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake ✓  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✓

#### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Montenegro

## Hypertension profile

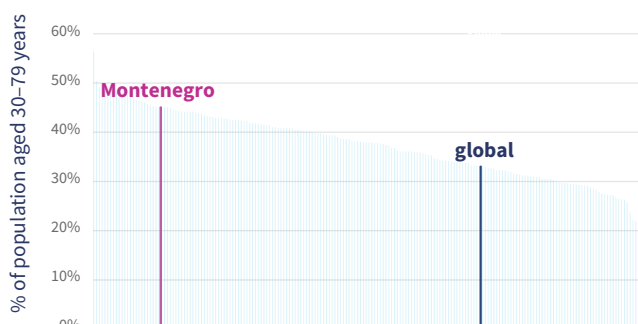
Total population (2019): 630 000

Total deaths (2019): 7280

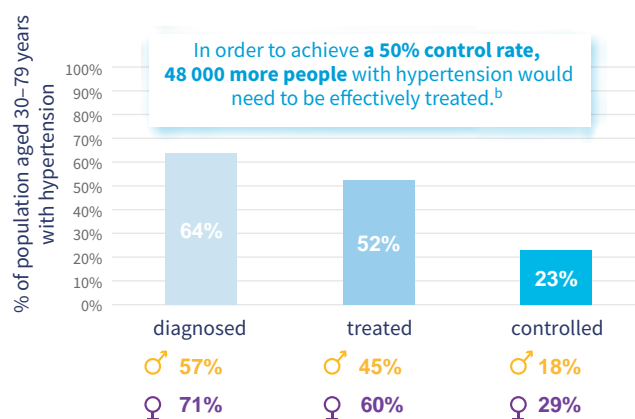
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 45% ♂ 50% ♀ 41%

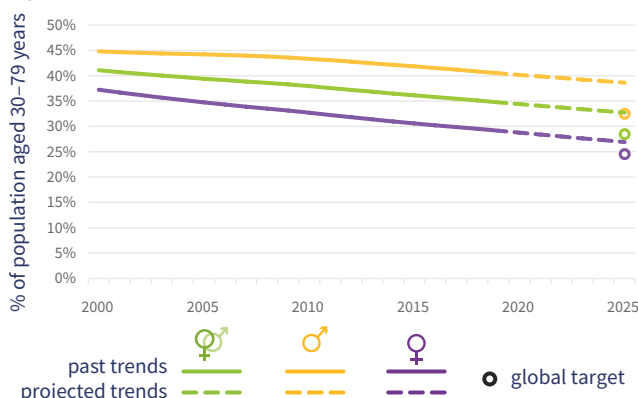
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



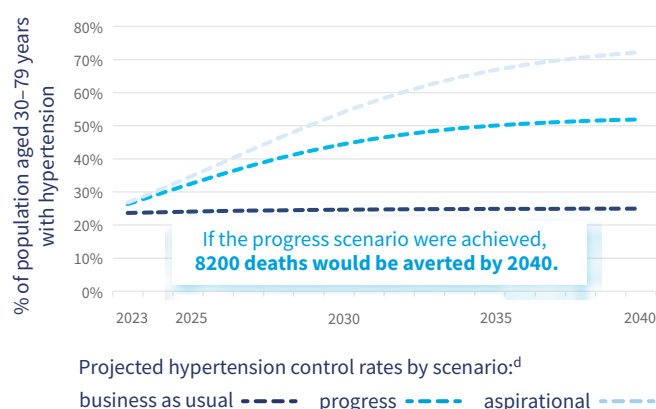
Of the 185 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	22	29	16	2019
Cardiovascular disease deaths	4600	2300	2300	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	56	56	56	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	13	15	11	2019
Current tobacco use, adults aged 15+ years (%)	32	32	31	2019
Obesity, adults aged 18+ years (%)	23	23	23	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	10	17	4	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Morocco

## Hypertension profile

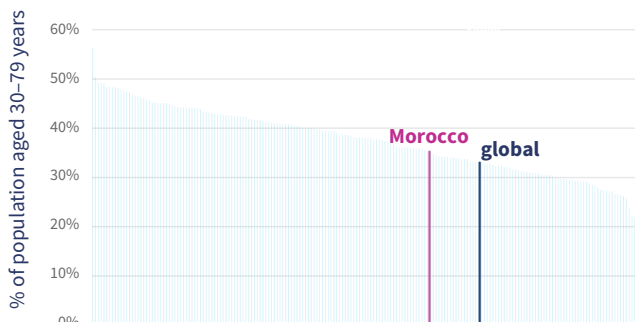
Total population (2019): 36 304 000

Total deaths (2019): 247 000

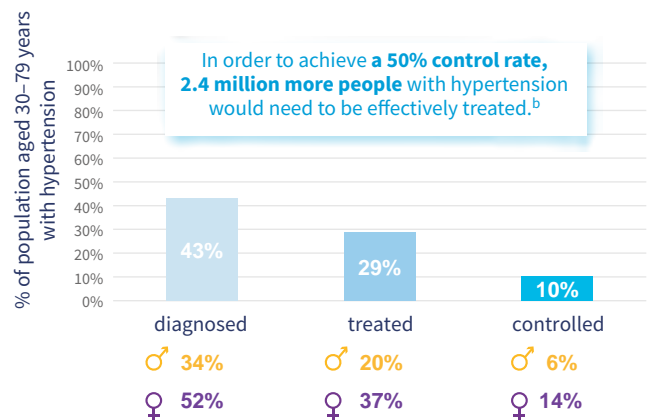
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 35% ♂ 35% ♀ 36%

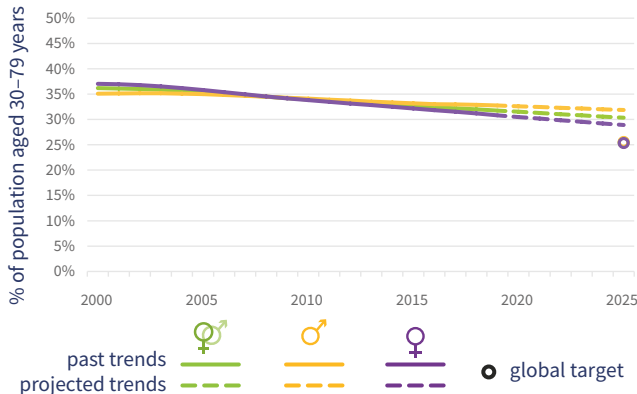
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



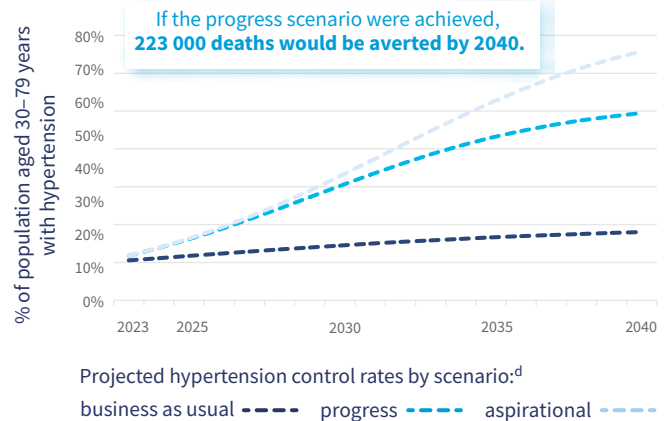
Of the **6.1 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual --- progress --- aspirational ---

### Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	24	26	22	2019
Cardiovascular disease deaths	127 000	60 700	65 800	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	63	59	67	2019

### Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	7	5	2019
Current tobacco use, adults aged 15+ years (%)	15	29	1	2019
Obesity, adults aged 18+ years (%)	26	19	32	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	1	0	2019
Physical inactivity, adults aged 18+ years (%)	26	21	31	2016

### National response

#### Targets

National target for blood pressure  
National target for salt consumption

#### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

Treatment  
Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Mozambique

## Hypertension profile

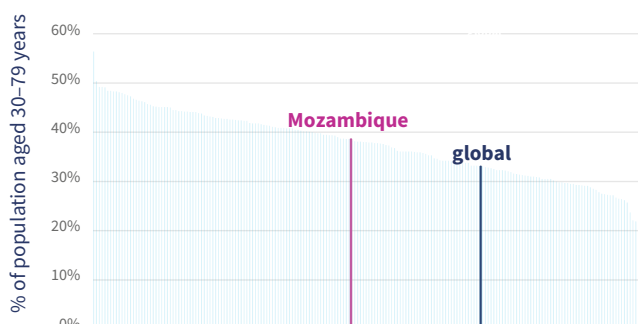
Total population (2019): 30 286 000

Total deaths (2019): 284 000!

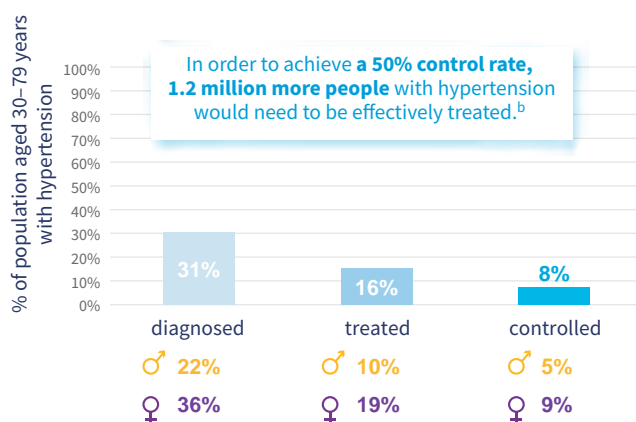
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 39% ♂ 34% ♀ 42%

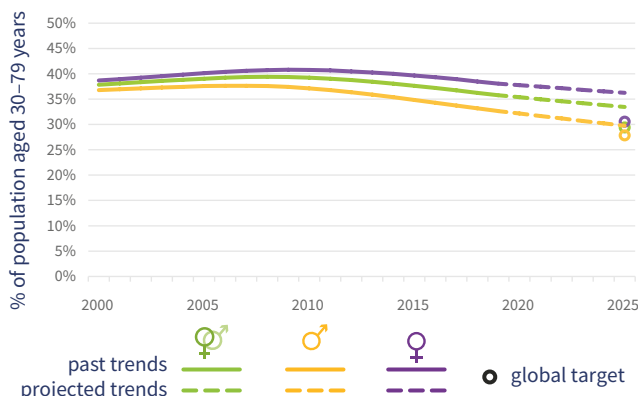
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



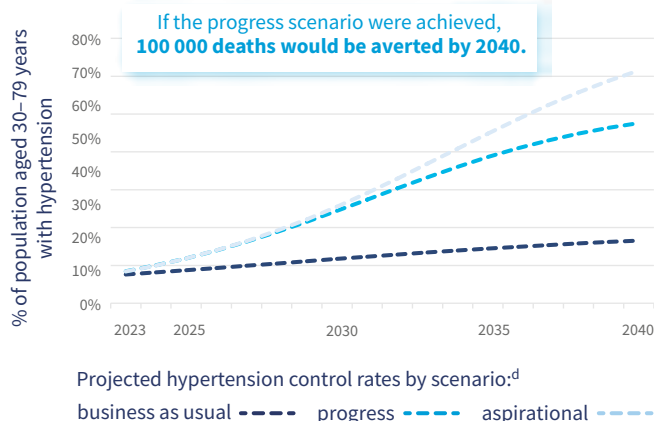
Of the **2.9 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	31	39	24	2019
Cardiovascular disease deaths	45 400	24 000	21 400	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	65	66	65	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	6	8	2019
Current tobacco use, adults aged 15+ years (%)	15	24	6	2019
Obesity, adults aged 18+ years (%)	7	3	11	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	3	1	2019
Physical inactivity, adults aged 18+ years (%)	6	5	6	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Myanmar

## Hypertension profile

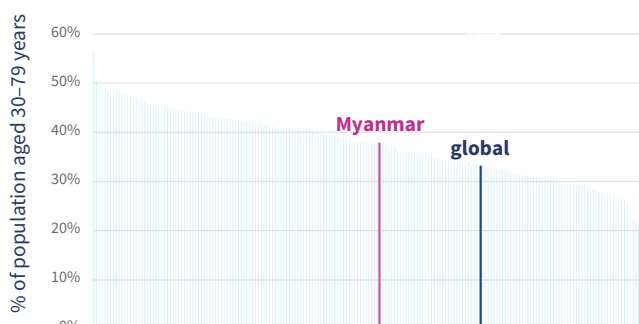
Total population (2019): 53 040 000

Total deaths (2019): 387 000

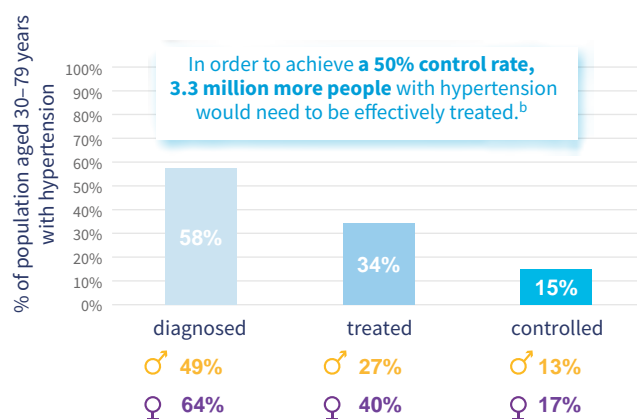
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 38% ♂ 35% ♀ 40%

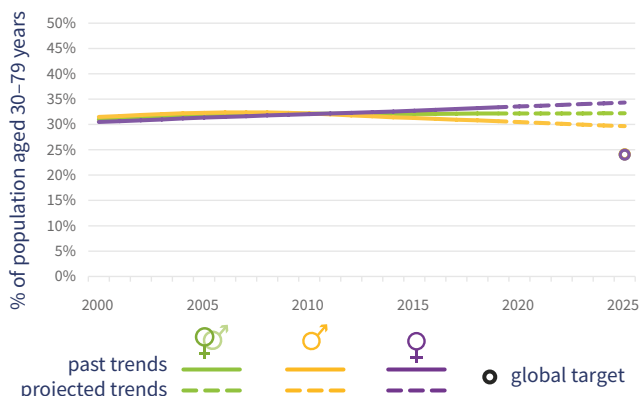
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



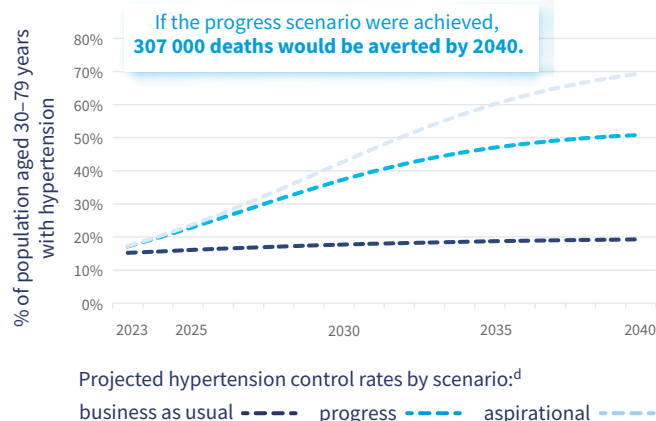
Of the **9.4 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual --- progress -.-.- aspirational -.-.-

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	25	31	20	2019
Cardiovascular disease deaths	119 000	58 500	60 700	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	57	58	56	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	10	2019
Current tobacco use, adults aged 15+ years (%)	45	69	21	2019
Obesity, adults aged 18+ years (%)	6	4	7	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	4	1	2019
Physical inactivity, adults aged 18+ years (%)	11	8	13	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption



### Treatment

Guidelines for management of hypertension



### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Namibia

## Hypertension profile

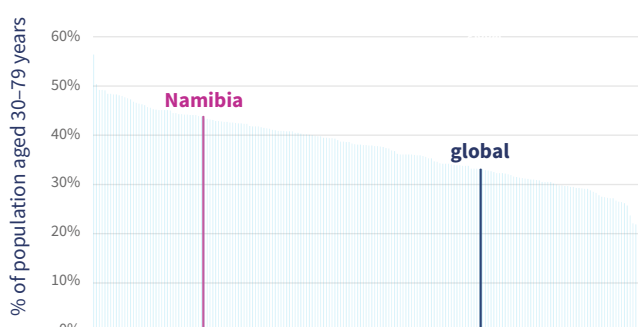
Total population (2019): 2 447 000

Total deaths (2019): 18 300

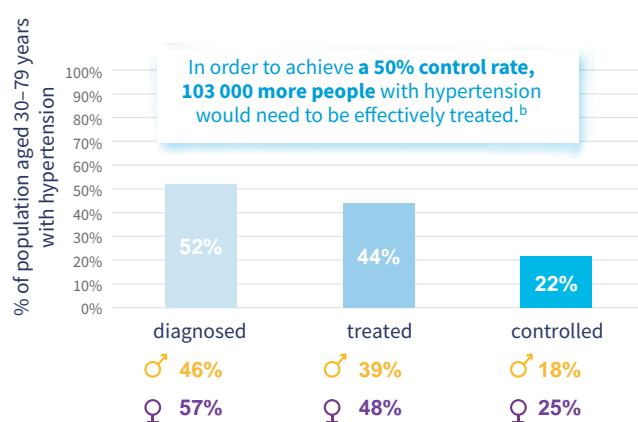
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 44% ♂ 43% ♀ 45%

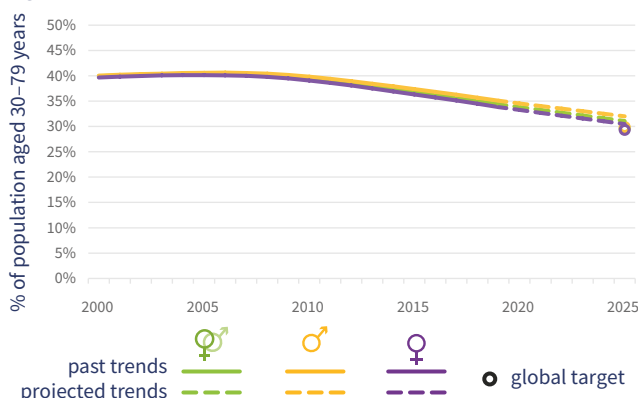
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



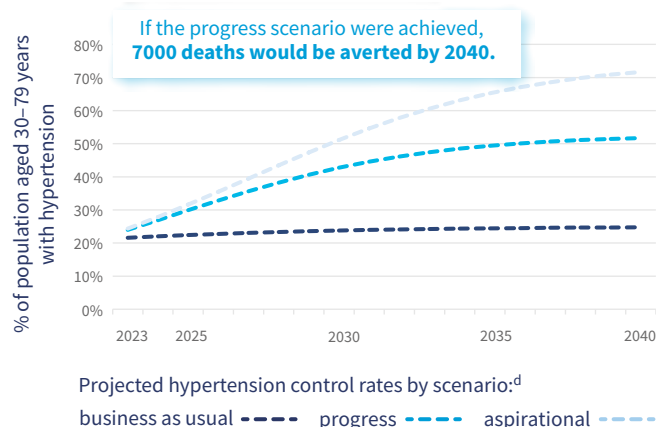
Of the 341 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	23	30	17	2019
Cardiovascular disease deaths	3300	1600	1700	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	58	58	57	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	8	7	2019
Current tobacco use, adults aged 15+ years (%)	16	25	6	2019
Obesity, adults aged 18+ years (%)	17	8	25	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	6	10	2	2019
Physical inactivity, adults aged 18+ years (%)	33	29	37	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Nauru

## Hypertension profile

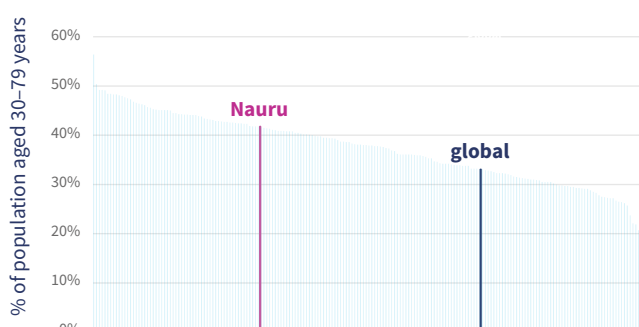
Total population (2019): 12 100

Total deaths (2019): no data

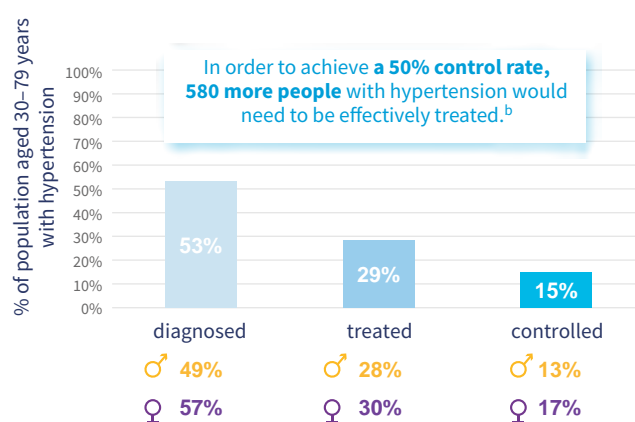
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 42% ♂ 44% ♀ 40%

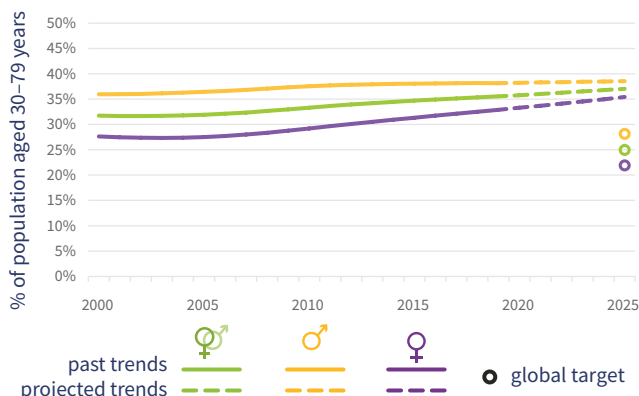
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



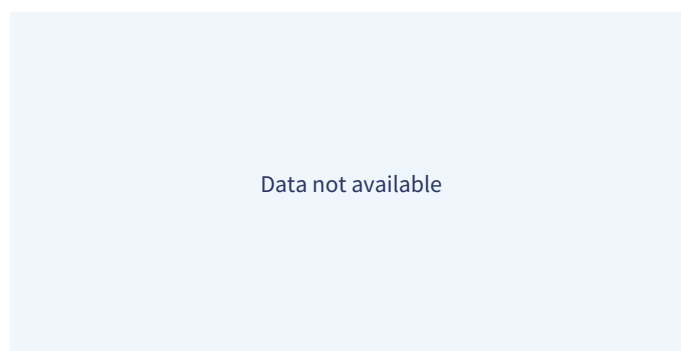
Of the 1600 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	no data	no data	no data	2019
Cardiovascular disease deaths	no data	no data	no data	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	63	65	62	2019

## Risk factors<sup>d</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	49	48	50	2019
Obesity, adults aged 18+ years (%)	61	59	63	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	3	5	1	2019
Physical inactivity, adults aged 18+ years (%)	42	35	49	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

✓  
✓

### Treatment

Guidelines for management of hypertension

✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

✗  
✗  
✗

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Age-standardized estimates are presented for all indicators except salt intake.



# Nepal

## Hypertension profile

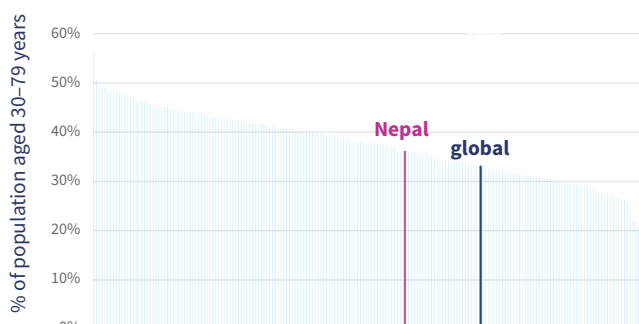
Total population (2019): 28 832 000

Total deaths (2019): 176 000

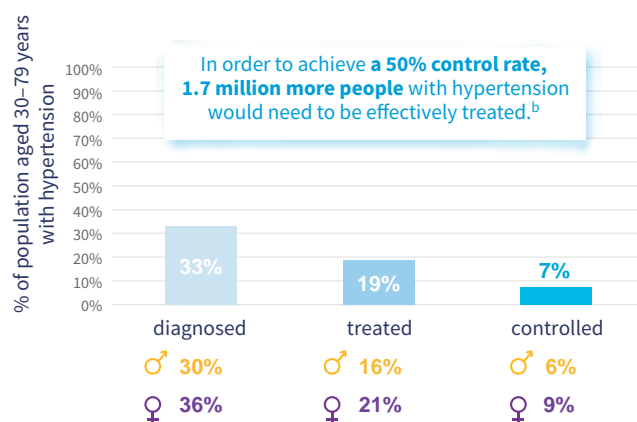
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 36% ♂ 40% ♀ 34%

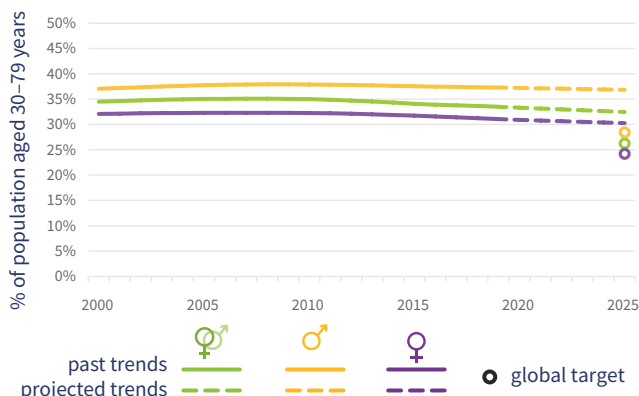
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



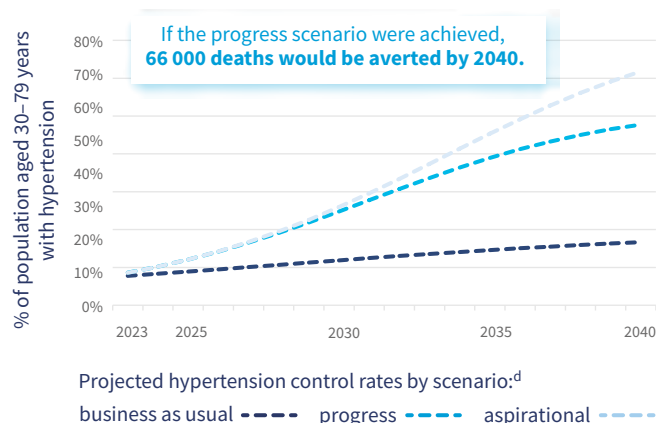
Of the **3.9 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	22	24	19	2019
Cardiovascular disease deaths	39 000	22 800	16 200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	46	50	39	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	9	8	2019
Current tobacco use, adults aged 15+ years (%)	32	49	14	2019
Obesity, adults aged 18+ years (%)	4	3	5	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	1	2	0	2019
Physical inactivity, adults aged 18+ years (%)	13	12	15	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Netherlands (Kingdom of the)

## Hypertension profile

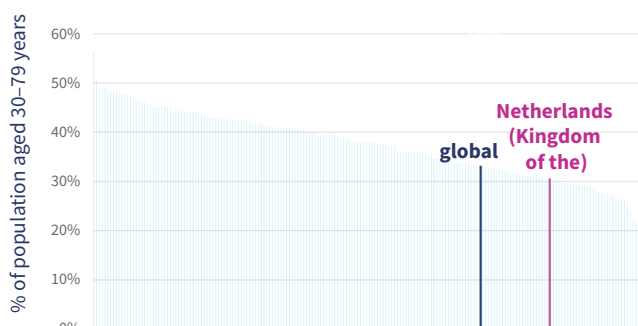
Total population (2019): 17 363 000

Total deaths (2019): 153 000

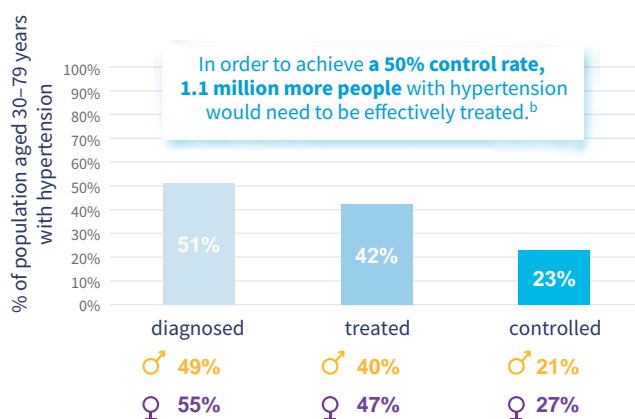
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 31% ♂ 36% ♀ 25%

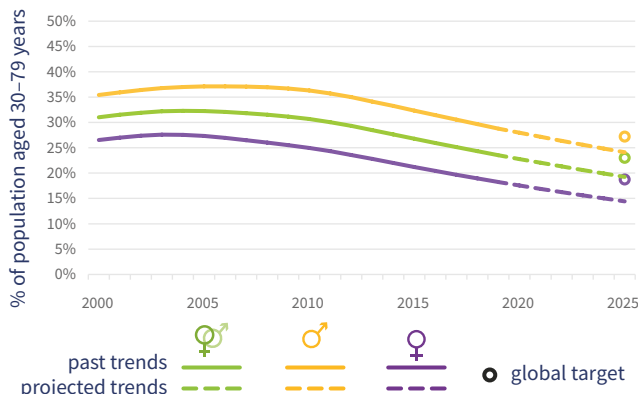
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



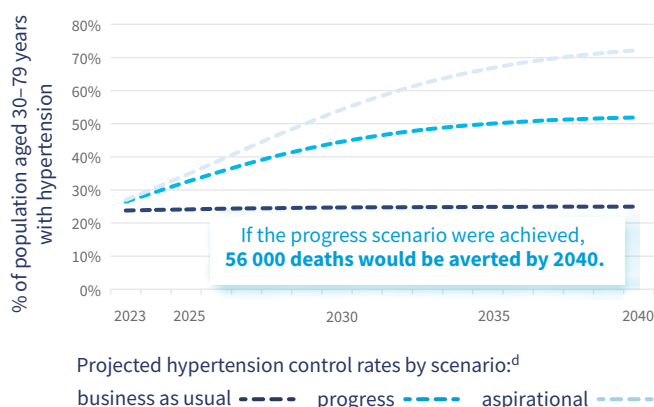
### Of the 4 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	10	12	9	2019
Cardiovascular disease deaths	36 400	17 600	18 900	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	48	51	45	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	9	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	23	25	20	2019
Obesity, adults aged 18+ years (%)	20	21	20	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	9	15	4	2019
Physical inactivity, adults aged 18+ years (%)	27	25	29	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# New Zealand

## Hypertension profile

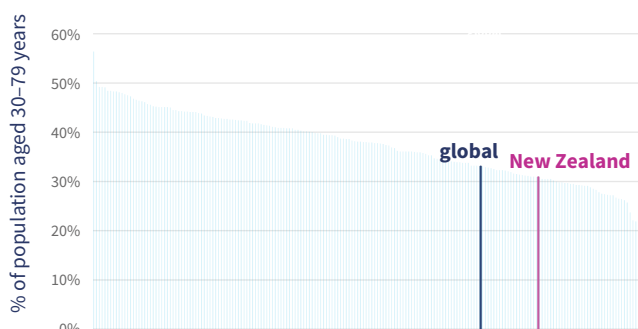
Total population (2019): 4 959 000

Total deaths (2019): 33 300

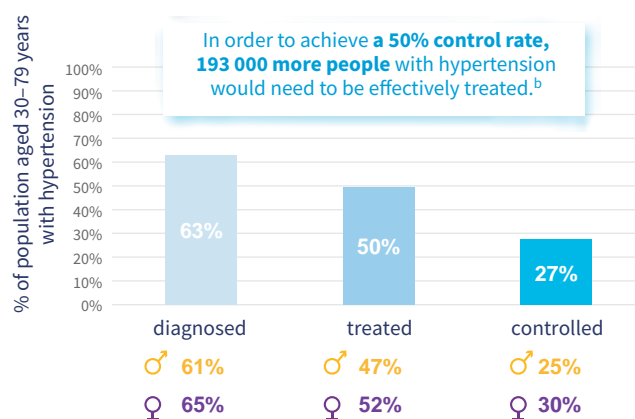
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 31% ♂ 34% ♀ 28%

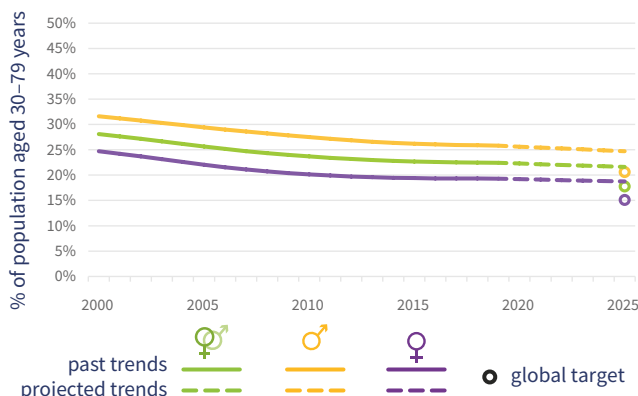
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



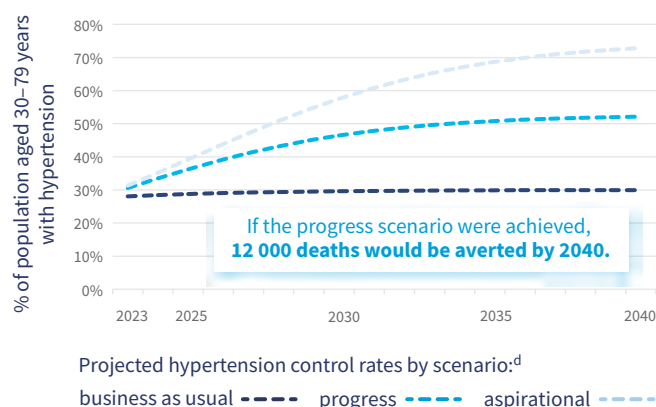
Of the 968 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	10	12	9	2019
Cardiovascular disease deaths	9700	5000	4800	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	45	46	45	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	9	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	14	16	13	2019
Obesity, adults aged 18+ years (%)	31	30	31	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	10	15	5	2019
Physical inactivity, adults aged 18+ years (%)	42	39	45	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

✗  
✗

✓  
✓  
✓

✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Nicaragua

## Hypertension profile

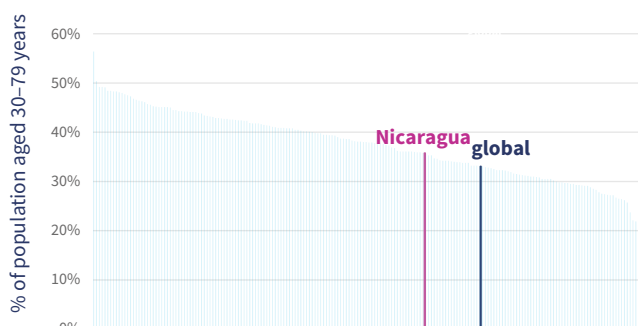
Total population (2019): 6 664 000

Total deaths (2019): 32 200

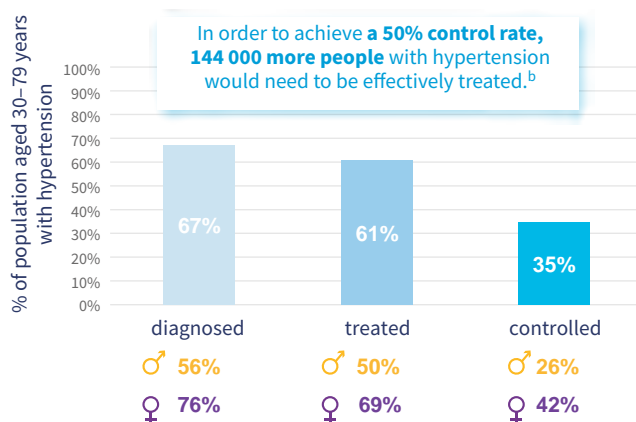
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 36% ♂ 35% ♀ 37%

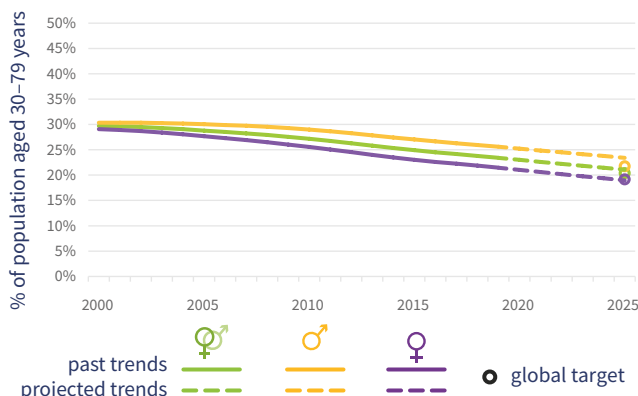
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



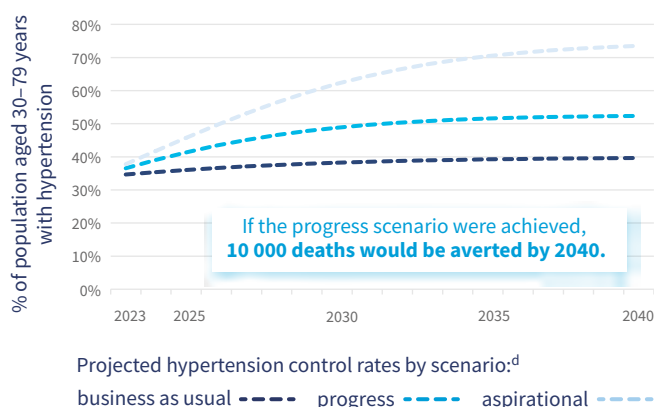
Of the **904 000** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual --- progress --- aspirational ---

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	15	18	13	2019
Cardiovascular disease deaths	9800	4800	5000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	55	56	54	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	9	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	24	18	29	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	4	7	2	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Niger

## Hypertension profile

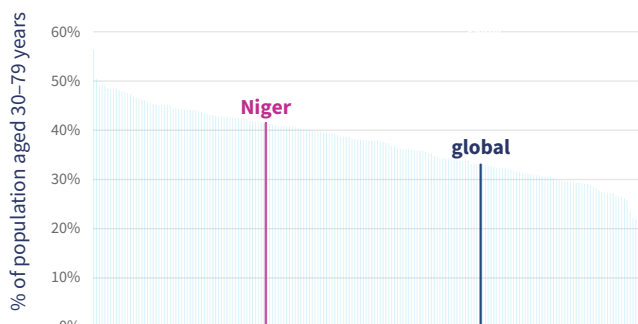
Total population (2019): 23 443 000

Total deaths (2019): 183 000

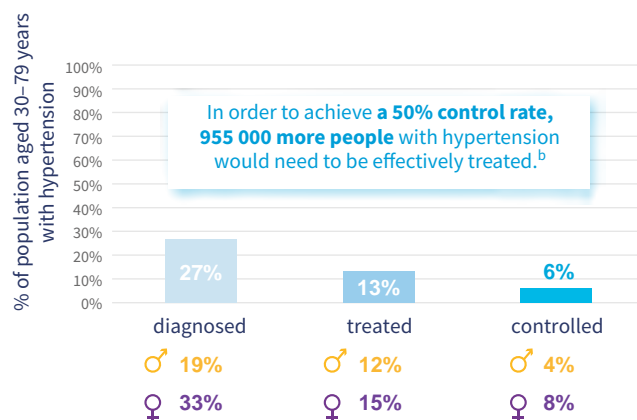
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 42% ♂ 40% ♀ 43%

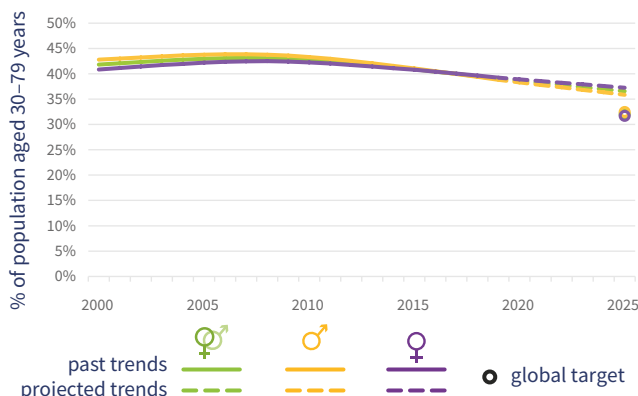
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



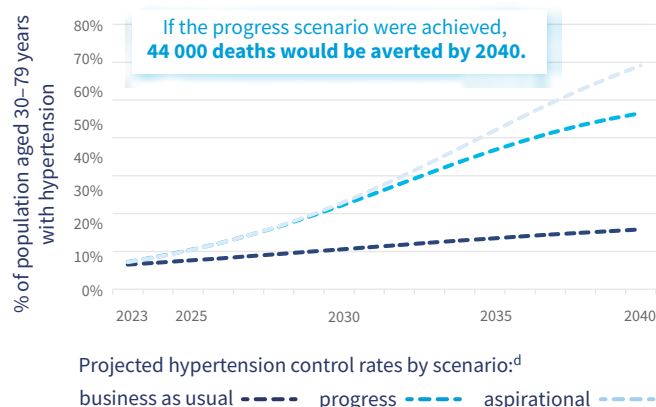
Of the **2.2 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	21	21	21	2019
Cardiovascular disease deaths	20 900	10 100	10 800	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	55	53	57	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	8	14	1	2019
Obesity, adults aged 18+ years (%)	6	3	9	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	22	20	25	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Nigeria

## Hypertension profile

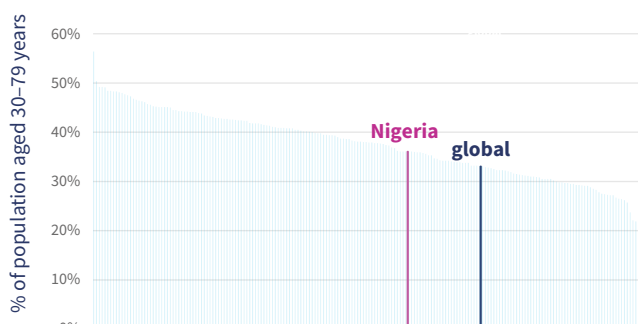
Total population (2019): 203 300 000

Total deaths (2019): 1 650 000

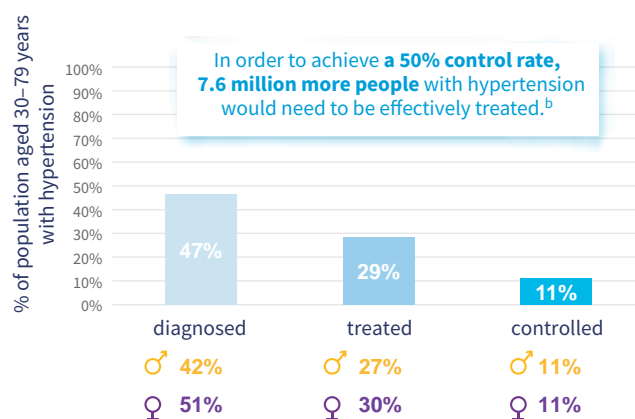
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 36% ♂ 33% ♀ 39%

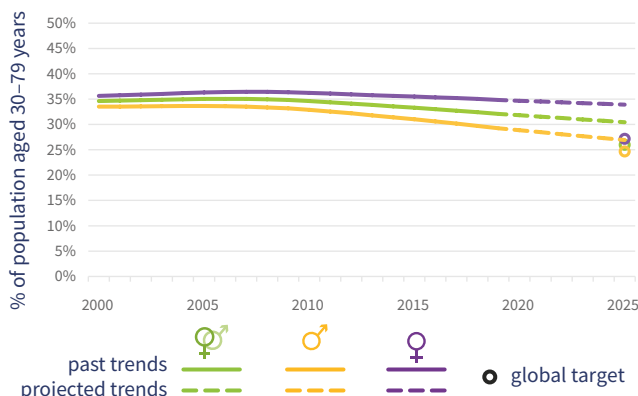
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



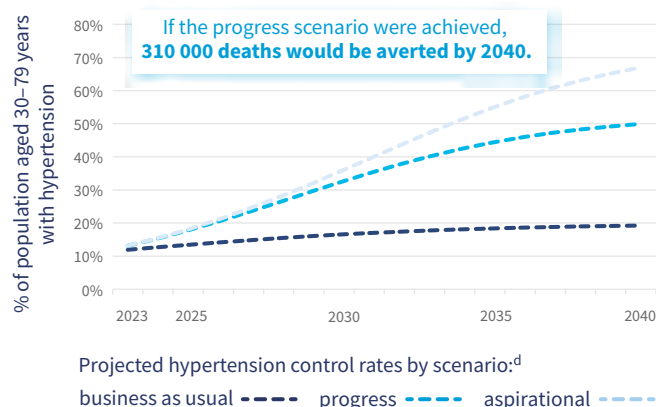
Of the **19.1 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	17	16	18	2019
Cardiovascular disease deaths	147 000	69 100	77 500	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	62	61	63	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	6	6	2019
Current tobacco use, adults aged 15+ years (%)	4	7	1	2019
Obesity, adults aged 18+ years (%)	9	5	13	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	4	7	1	2019
Physical inactivity, adults aged 18+ years (%)	27	25	30	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Niue

## Hypertension profile

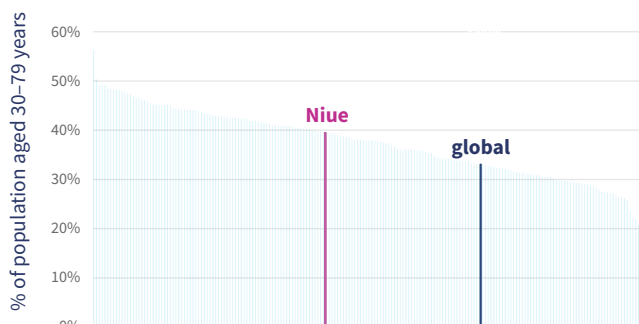
Total population (2019): 1900

Total deaths (2019): no data

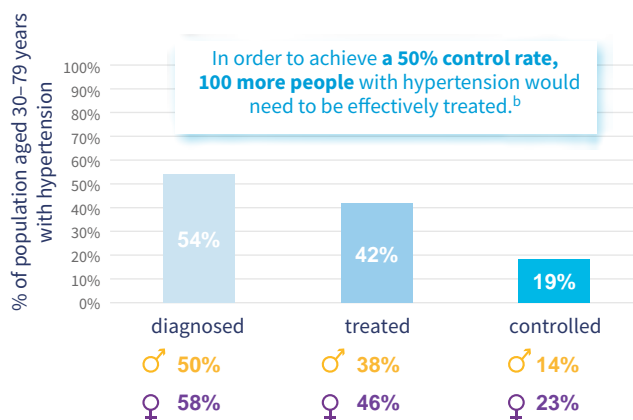
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 40% ♂ 39% ♀ 40%

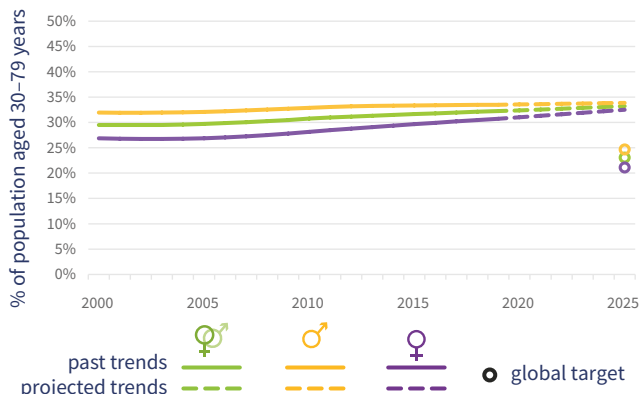
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



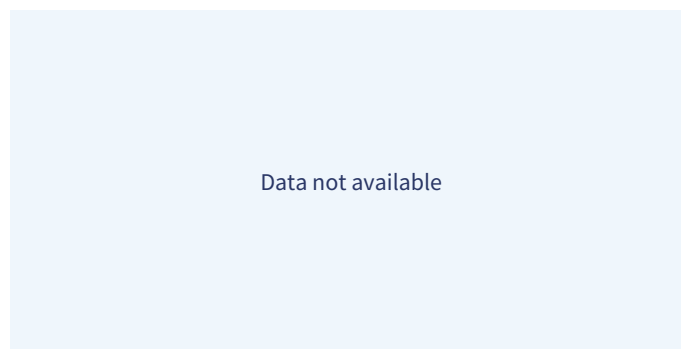
### Of the 340 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	no data	no data	no data	2019
Cardiovascular disease deaths	no data	no data	no data	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	59	59	59	2019

## Risk factors<sup>d</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	8	8	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	50	45	55	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	9	16	3	2019
Physical inactivity, adults aged 18+ years (%)	7	8	6	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

✗  
✗

### Treatment

Guidelines for management of hypertension

✗

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

✗  
✗  
✗

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Age-standardized estimates are presented for all indicators except salt intake.



# North Macedonia

## Hypertension profile

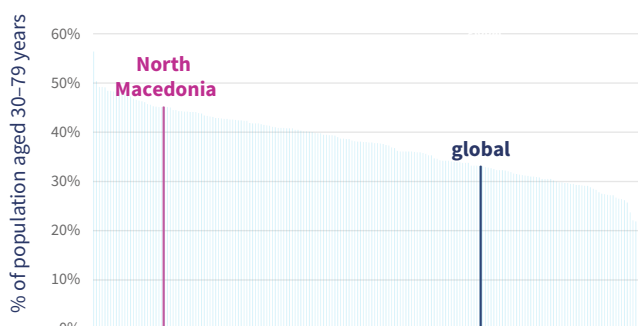
Total population (2019): 2 114 000

Total deaths (2019): 25 000

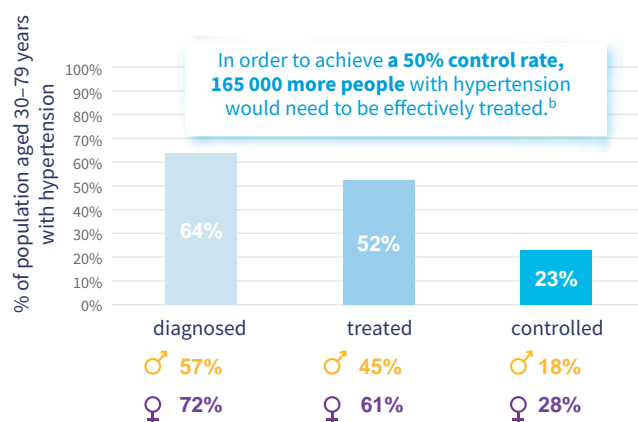
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 45% ♂ 49% ♀ 41%

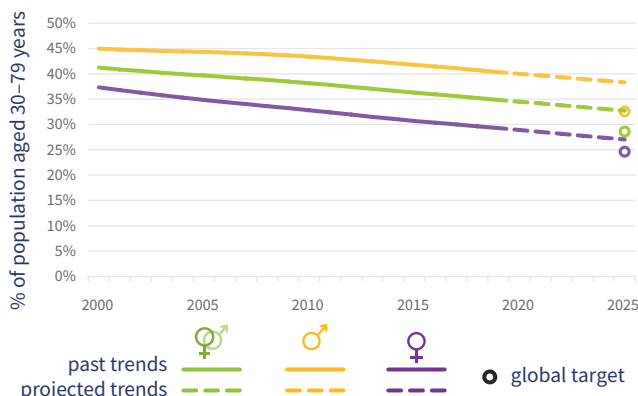
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



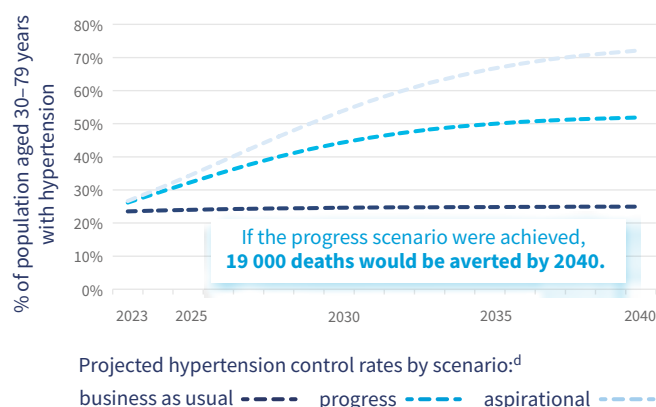
Of the 625 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual --- progress -.-.- aspirational .-..-

### Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	23	28	17	2019
Cardiovascular disease deaths	15 500	7400	8100	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	58	59	57	2019

### Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	13	15	10	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	22	23	22	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	5	8	2	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

### National response

#### Targets

National target for blood pressure  
National target for salt consumption

#### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

#### Treatment

Guidelines for management of hypertension

✗  
✗

✗  
✗

✓

✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Norway

## Hypertension profile

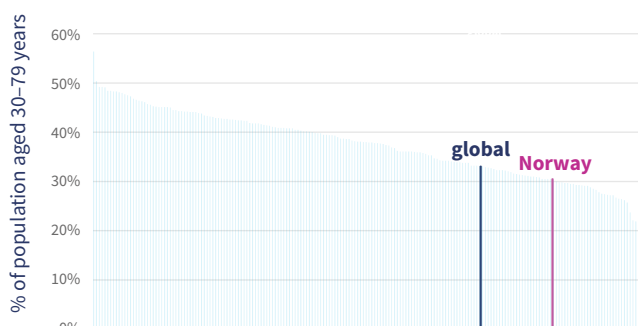
Total population (2019): 5 348 000

Total deaths (2019): 40 900

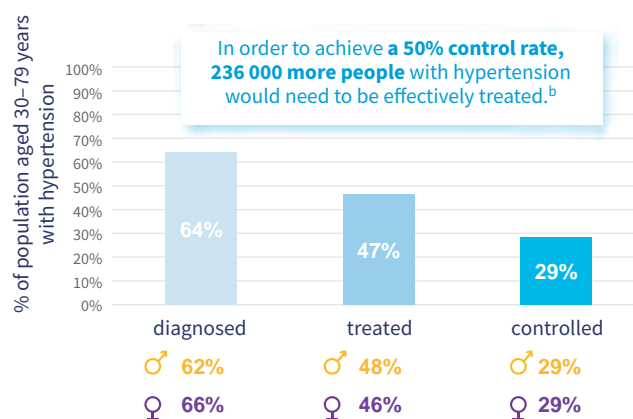
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 31% ♂ 35% ♀ 26%

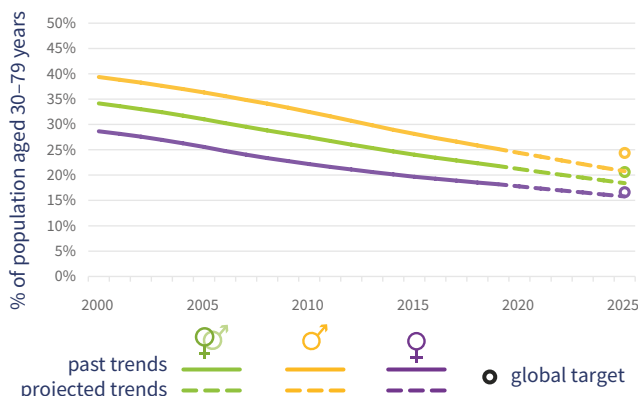
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



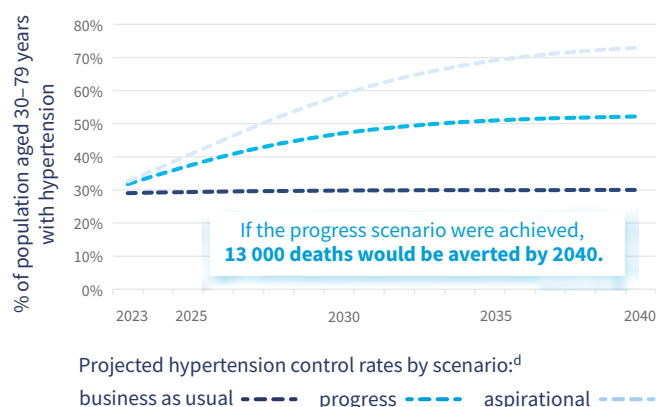
Of the 1.2 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	9	10	7	2019
Cardiovascular disease deaths	10 300	4900	5400	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	49	50	47	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	9	6	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	17	18	16	2019
Obesity, adults aged 18+ years (%)	23	24	23	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	7	10	3	2019
Physical inactivity, adults aged 18+ years (%)	32	30	34	2016

## National response

### Targets

- National target for blood pressure ✓
- National target for salt consumption ✓

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension ✗
- Conducted recent, national survey on salt/sodium intake ✗
- Functioning system for generating reliable cause-specific mortality data on a routine basis ✓

### Treatment

- Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Oman

## Hypertension profile

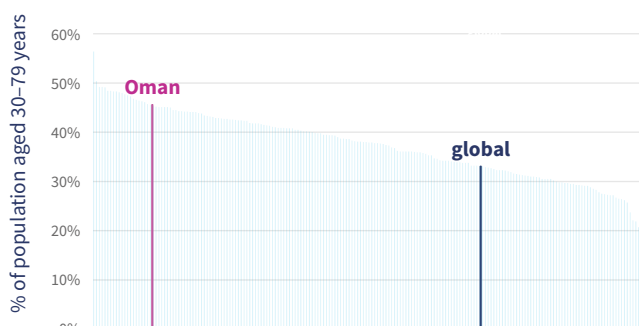
Total population (2019): 4 603 000

Total deaths (2019): 16 300

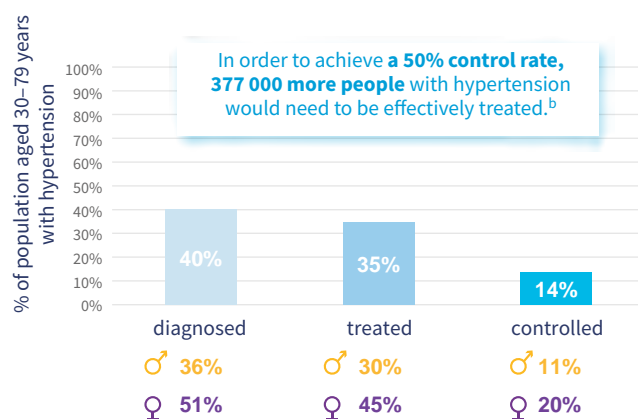
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 46% ♂ 48% ♀ 39%

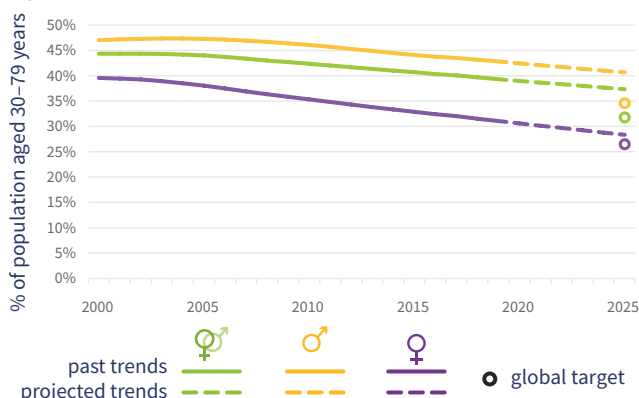
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



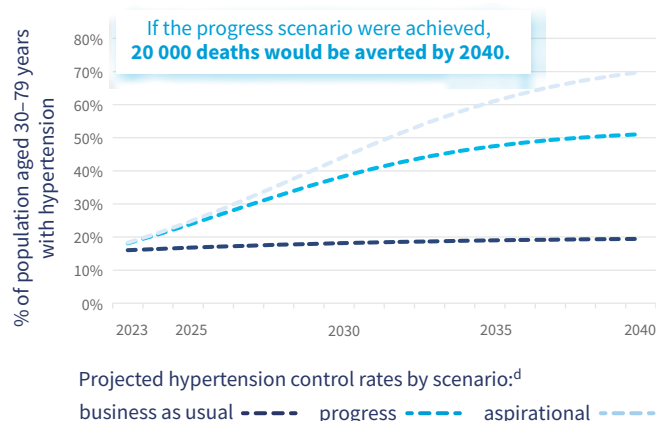
Of the 920 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	21	22	20	2019
Cardiovascular disease deaths	7800	4600	3300	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	57	56	60	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	5	2019
Current tobacco use, adults aged 15+ years (%)	8	15	0	2019
Obesity, adults aged 18+ years (%)	27	23	34	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	1	1	0	2019
Physical inactivity, adults aged 18+ years (%)	33	30	40	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Pakistan

## Hypertension profile

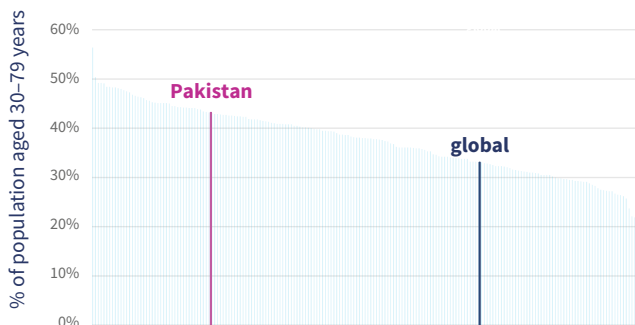
Total population (2019): 223 300 000

Total deaths (2019): 1 628 000!

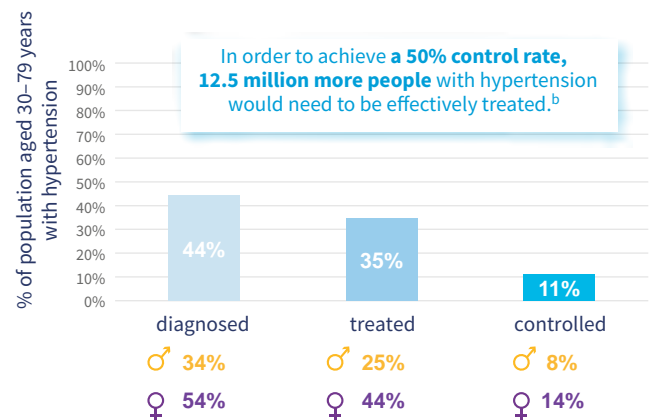
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 43% ♂ 42% ♀ 45%

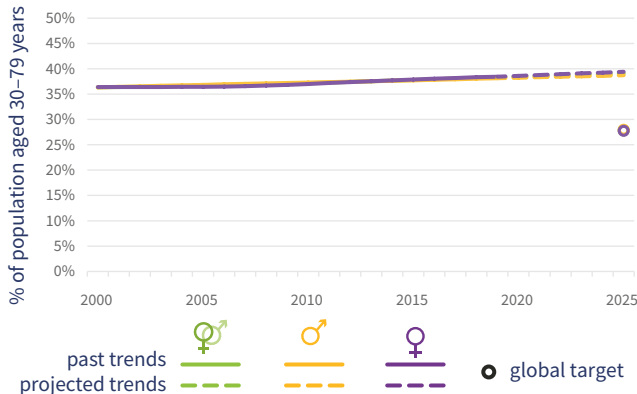
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



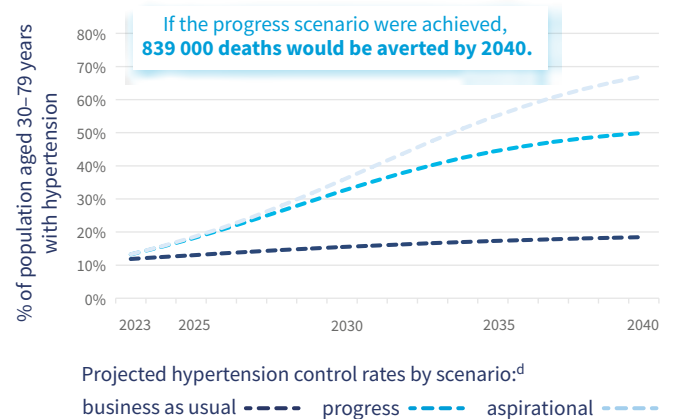
Of the **32.2 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	29	32	27	2019
Cardiovascular disease deaths	450 000	245 000	205 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	58	57	58	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	9	8	2019
Current tobacco use, adults aged 15+ years (%)	21	34	8	2019
Obesity, adults aged 18+ years (%)	9	6	11	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	34	24	43	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Palau

## Hypertension profile

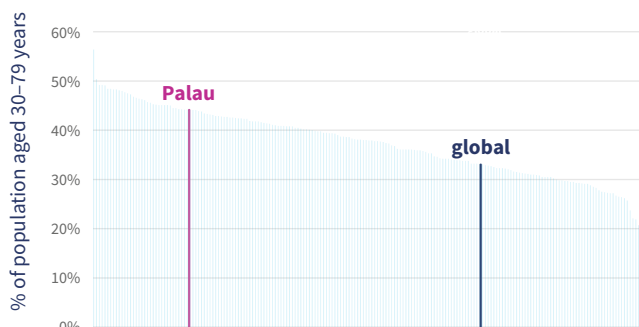
Total population (2019): 17 900

Total deaths (2019): no data!

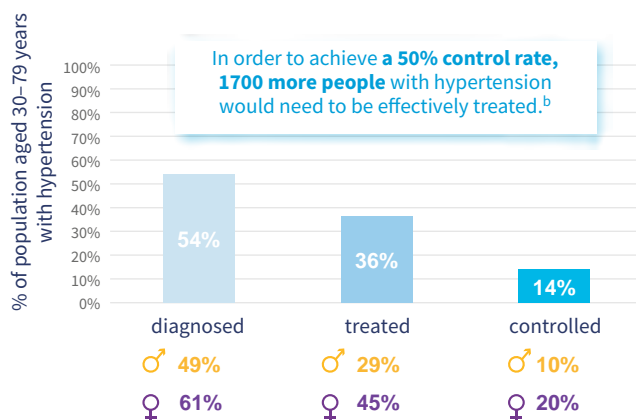
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 44% ♂ 45% ♀ 43%

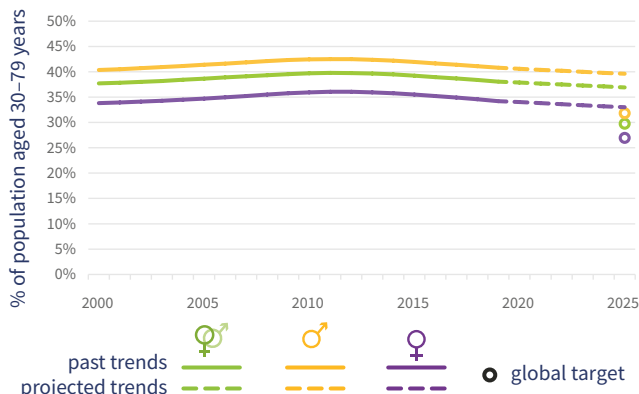
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



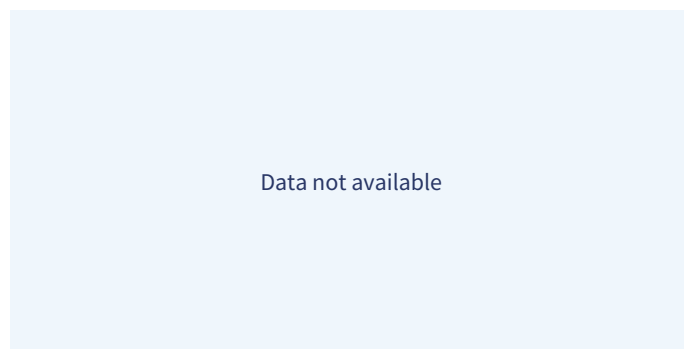
Of the 4900 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	no data	no data	no data	2019
Cardiovascular disease deaths	no data	no data	no data	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	54	55	53	2019

## Risk factors<sup>d</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	8	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>e</sup>	18	28	8	2019
Obesity, adults aged 18+ years (%)	55	52	59	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	no data	no data	no data	2019
Physical inactivity, adults aged 18+ years (%)	41	28	53	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Age-standardized estimates are presented for all indicators except salt intake. e. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Panama

## Hypertension profile

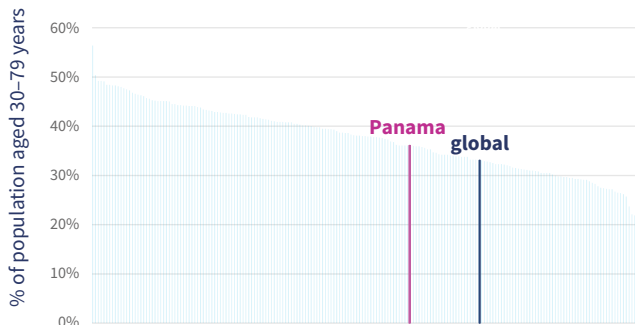
Total population (2019): 4 233 000

Total deaths (2019): 20 200

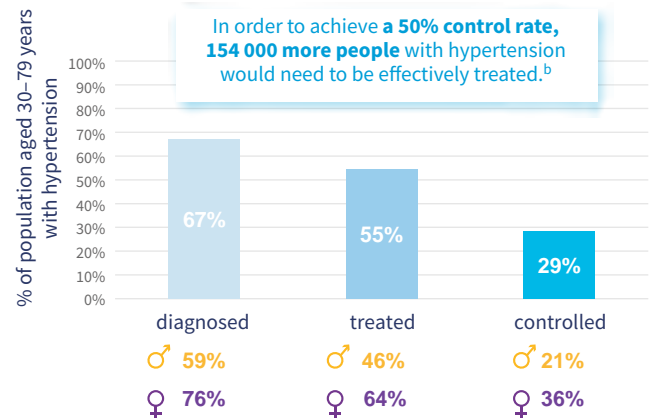
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 36% ♂ 37% ♀ 35%

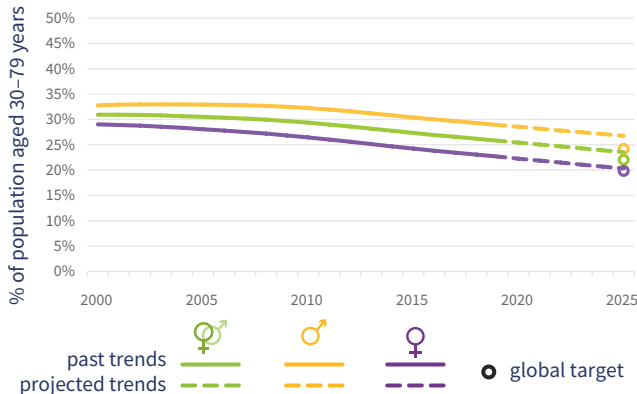
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



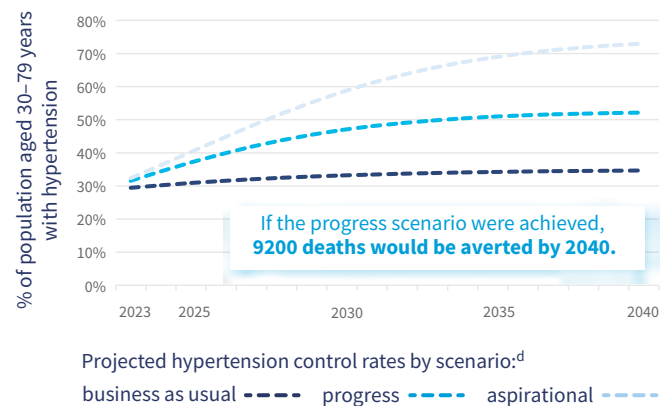
Of the **718 000** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	11	13	9	2019
Cardiovascular disease deaths	5800	3200	2600	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	53	53	52	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	9	2019
Current tobacco use, adults aged 15+ years (%)	5	8	2	2019
Obesity, adults aged 18+ years (%)	23	18	28	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	7	11	3	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Papua New Guinea

## Hypertension profile

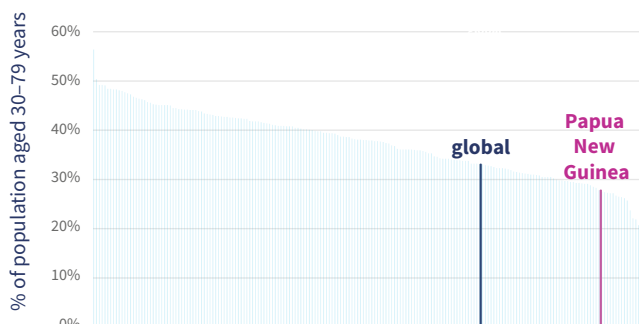
Total population (2019): 9 542 000

Total deaths (2019): 60 600!

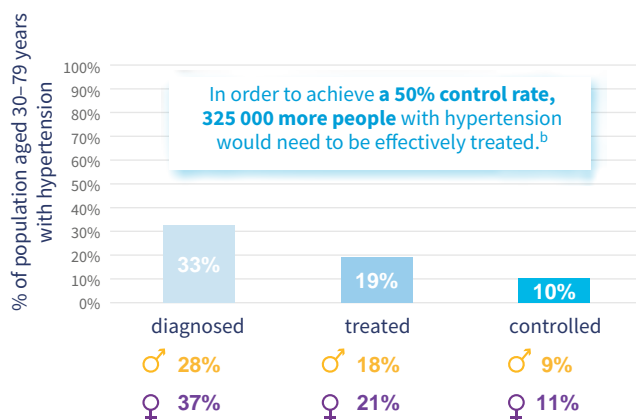
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 28% ♂ 25% ♀ 30%

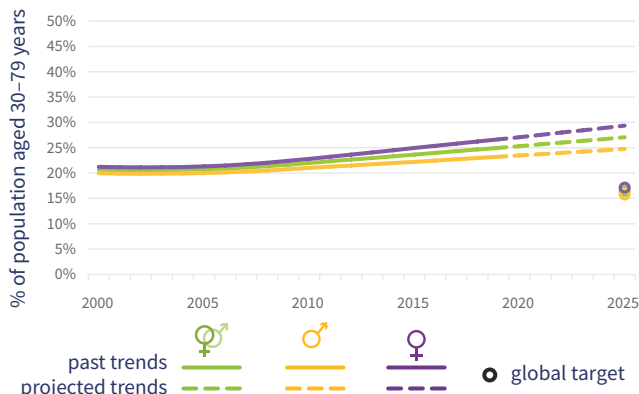
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



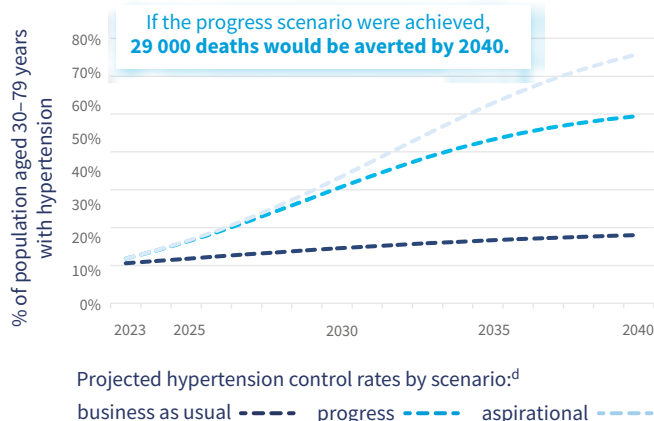
Of the **812 000** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	36	40	32	2019
Cardiovascular disease deaths	14 800	8800	6000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	41	41	41	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	40	54	26	2019
Obesity, adults aged 18+ years (%)	21	17	26	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	3	1	2019
Physical inactivity, adults aged 18+ years (%)	15	11	18	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.



# Paraguay

## Hypertension profile

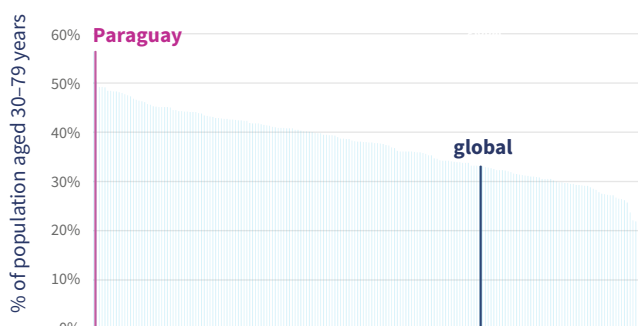
Total population (2019): 6 530 000

Total deaths (2019): 34 400!

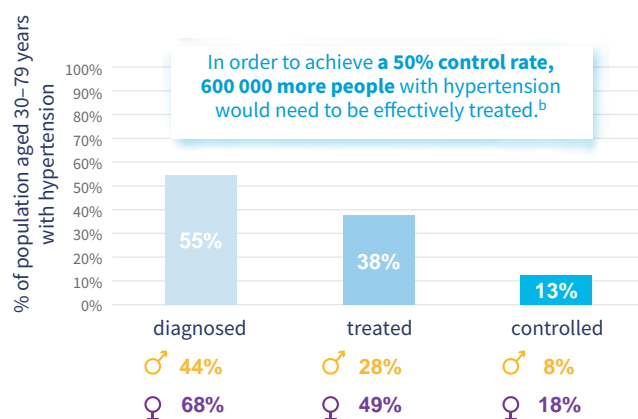
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 56% ♂ 62% ♀ 51%

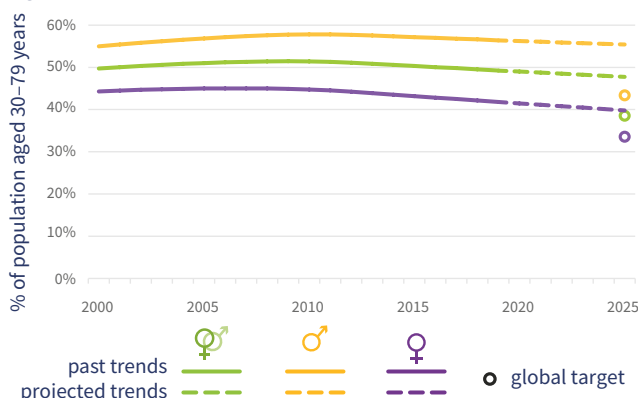
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



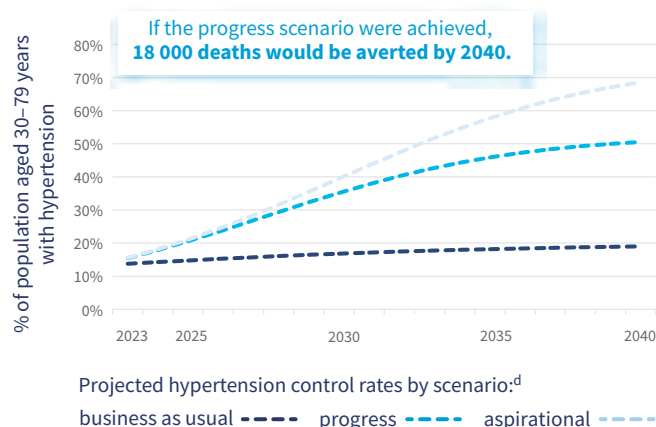
Of the **1.6 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	16	19	13	2019
Cardiovascular disease deaths	9200	5200	4000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	55	52	58	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	8	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	12	20	5	2019
Obesity, adults aged 18+ years (%)	20	17	23	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	6	9	2	2019
Physical inactivity, adults aged 18+ years (%)	37	38	37	2016

## National response

### Targets

National target for blood pressure

National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension

Conducted recent, national survey on salt/sodium intake

Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Peru

## Hypertension profile

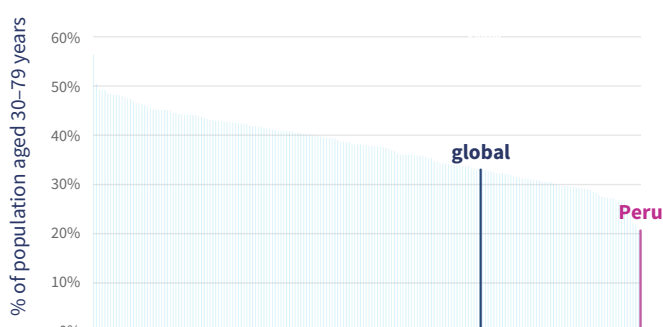
Total population (2019): 32 825 000

Total deaths (2019): 142 000

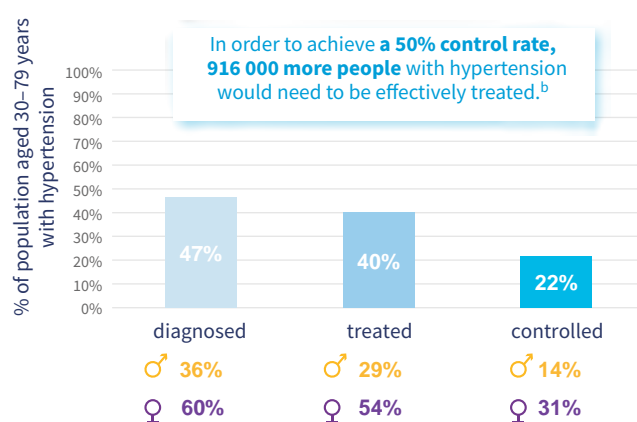
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 21% ♂ 23% ♀ 18%

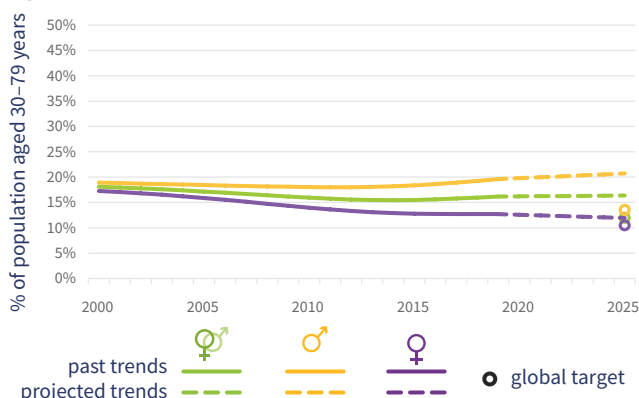
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



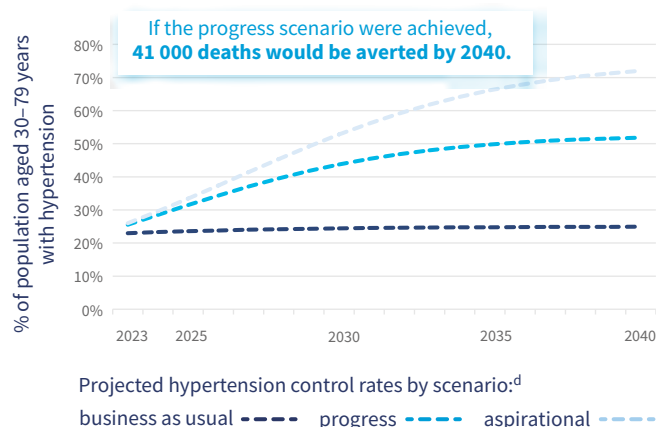
Of the **3.2 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	10	10	10	2019
Cardiovascular disease deaths	25 300	12 700	12 600	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	49	47	50	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	8	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	9	14	3	2019
Obesity, adults aged 18+ years (%)	20	15	24	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	7	12	3	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Philippines

## Hypertension profile

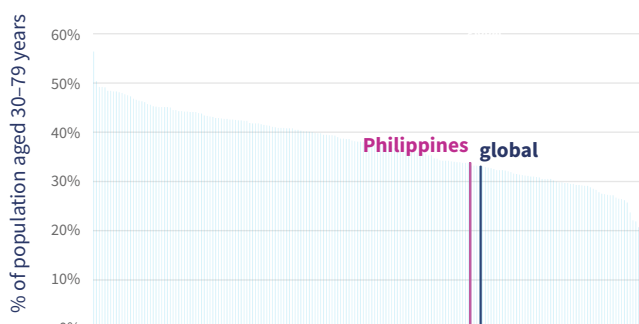
Total population (2019): 110 400 000

Total deaths (2019): 734 000

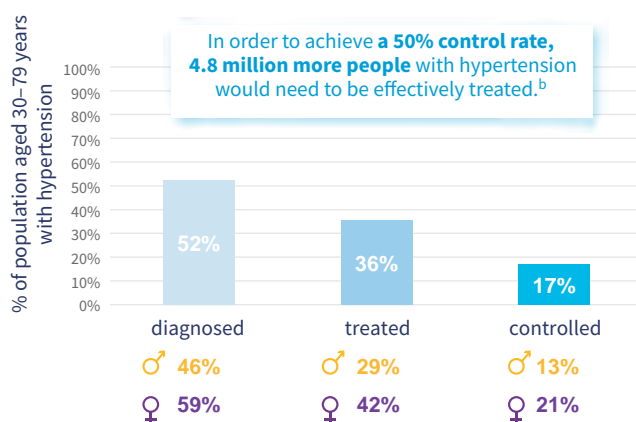
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 34% ♂ 35% ♀ 33%

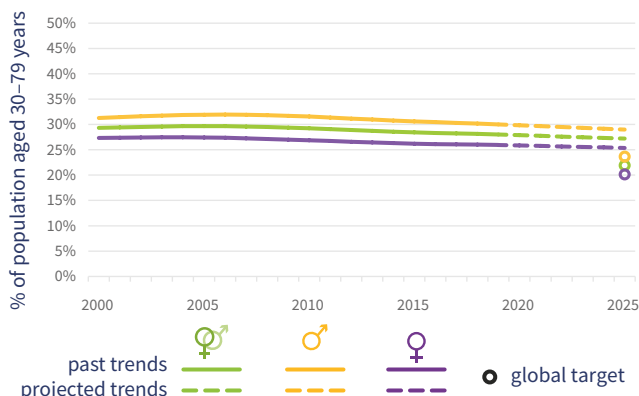
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



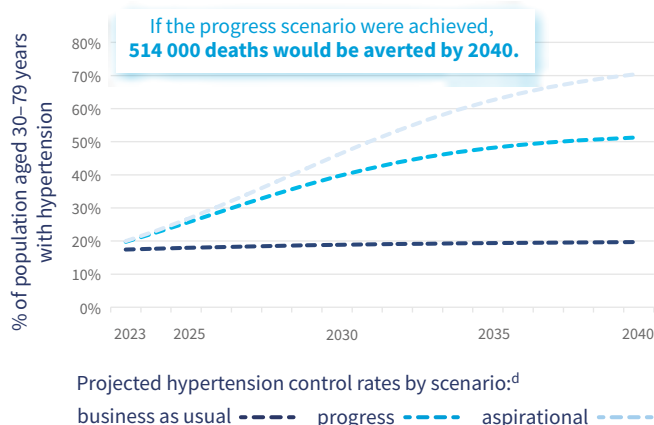
Of the **14.5 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual ——— progress ——— aspirational ———

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	25	30	19	2019
Cardiovascular disease deaths	250 000	132 000	118 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	53	53	52	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	10	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	23	40	7	2019
Obesity, adults aged 18+ years (%)	6	5	8	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	6	10	2	2019
Physical inactivity, adults aged 18+ years (%)	40	30	49	2016

## National response

### Targets

National target for blood pressure ✓  
National target for salt consumption ✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake ✓  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✓

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Poland

## Hypertension profile

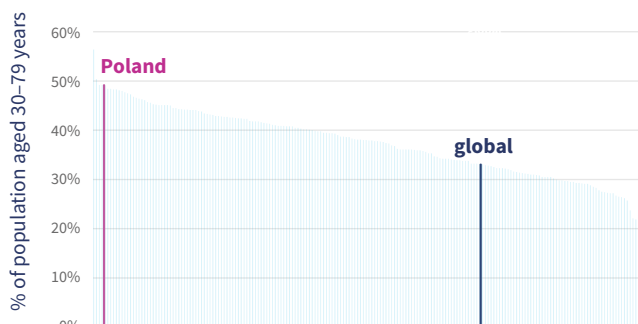
Total population (2019): 38 494 000

Total deaths (2019): 401 000

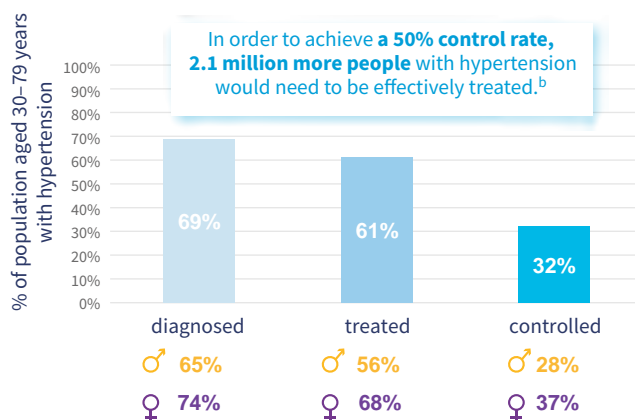
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 49% ♂ 56% ♀ 43%

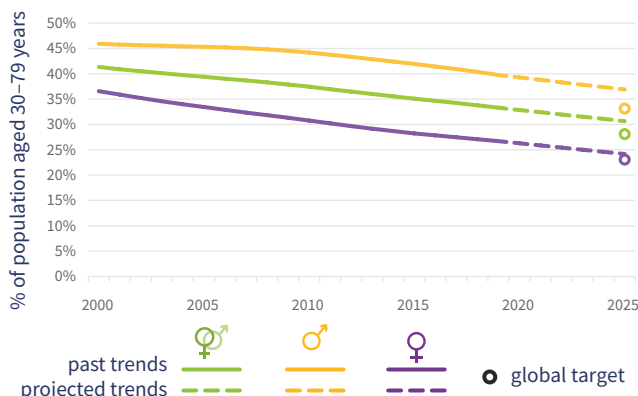
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



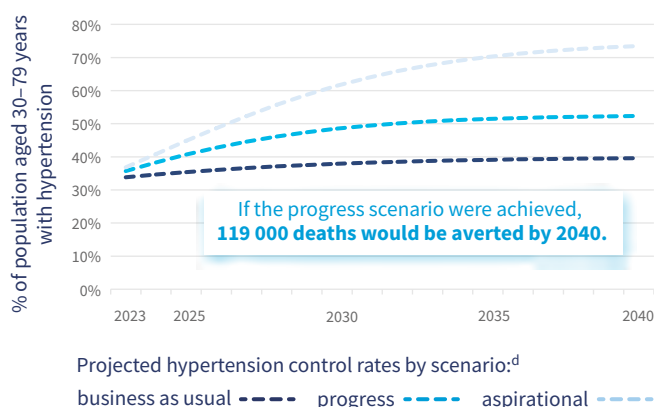
### Of the 13 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	17	23	12	2019
Cardiovascular disease deaths	173 000	77 200	95 600	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	50	52	48	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	11	13	9	2019
Current tobacco use, adults aged 15+ years (%)	25	29	21	2019
Obesity, adults aged 18+ years (%)	23	24	22	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	12	19	5	2019
Physical inactivity, adults aged 18+ years (%)	32	31	33	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Portugal

## Hypertension profile

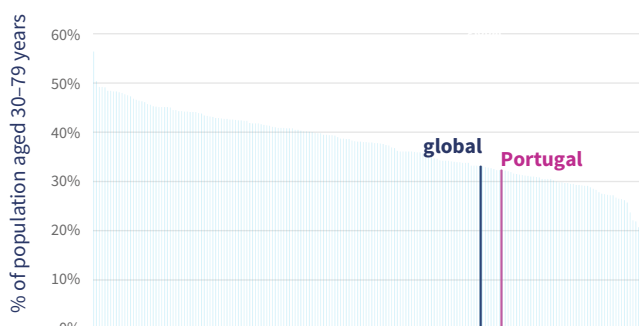
Total population (2019): 10 290 000

Total deaths (2019): 111 000

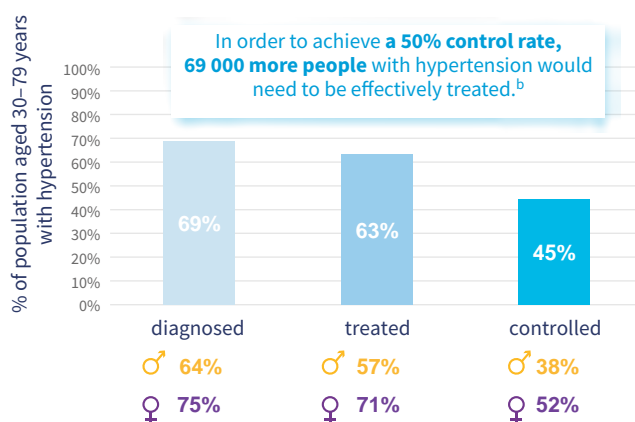
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 32% ♂ 37% ♀ 28%

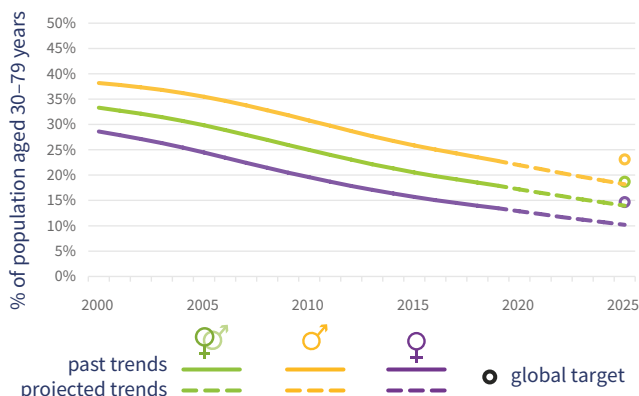
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



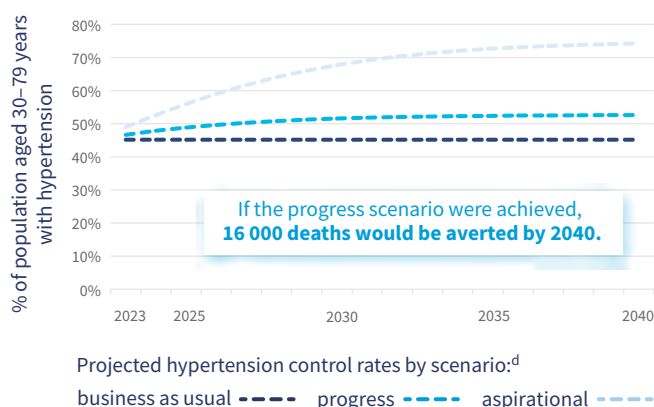
Of the **2.7 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	11	15	7	2019
Cardiovascular disease deaths	32 600	14 900	17 700	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	45	48	44	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	8	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	25	31	20	2019
Obesity, adults aged 18+ years (%)	21	20	21	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	10	17	5	2019
Physical inactivity, adults aged 18+ years (%)	43	38	48	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Qatar

## Hypertension profile

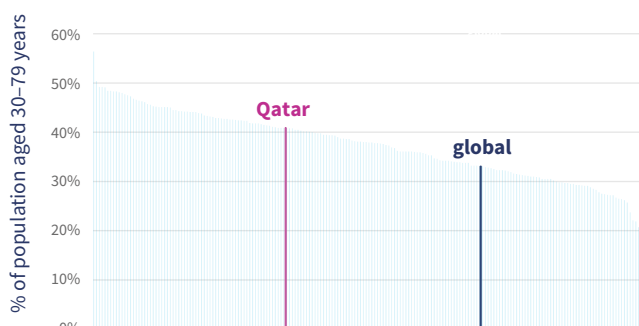
Total population (2019): 2 807 000

Total deaths (2019): 4540

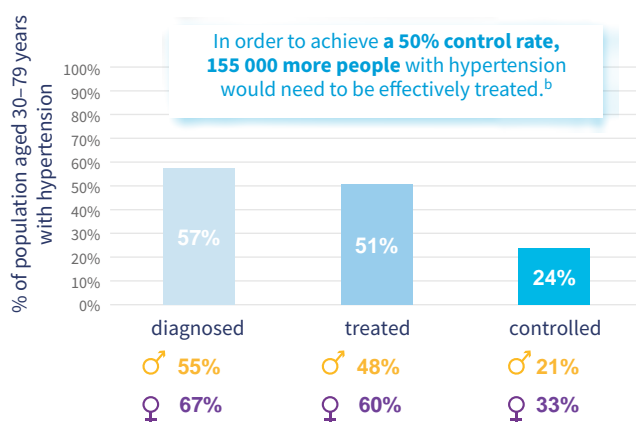
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 41% ♂ 42% ♀ 38%

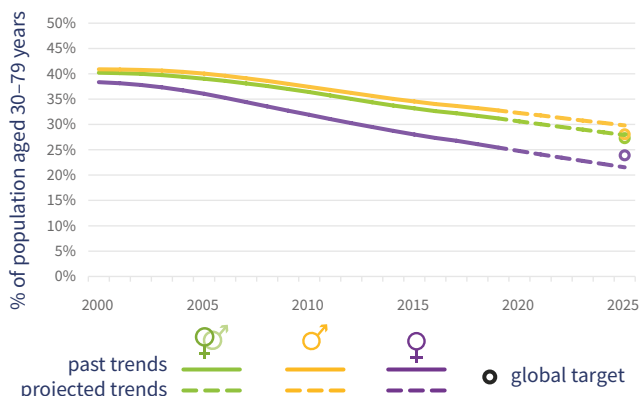
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



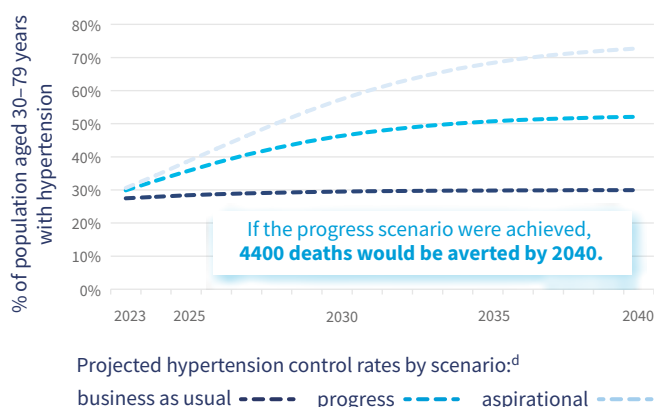
Of the 497 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual — progress — aspirational —

## Mortality

Probability of premature mortality from NCDs (%)

Cardiovascular disease deaths

Cardiovascular disease deaths attributable to high systolic blood pressure (%)

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	11	10	13	2019
Cardiovascular disease deaths	1500	930	560	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	57	59	53	2019

## Risk factors<sup>e</sup>

Mean population salt intake, adults aged 25+ years (g/day)

Current tobacco use, adults aged 15+ years (%)

Obesity, adults aged 18+ years (%)

Total alcohol per capita consumption, adults aged 15+ years (litres)

Physical inactivity, adults aged 18+ years (%)

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	5	2019
Current tobacco use, adults aged 15+ years (%)	12	22	2	2019
Obesity, adults aged 18+ years (%)	35	33	43	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	1	1	0	2019
Physical inactivity, adults aged 18+ years (%)	37	33	49	2016

## National response

### Targets

National target for blood pressure

National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension

Conducted recent, national survey on salt/sodium intake

Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

✗

✗

✗

✗

✗

✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Republic of Korea

## Hypertension profile

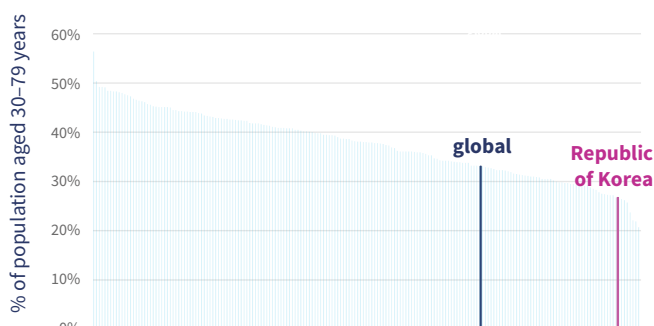
Total population (2019): 51 804 000

Total deaths (2019): 295 000

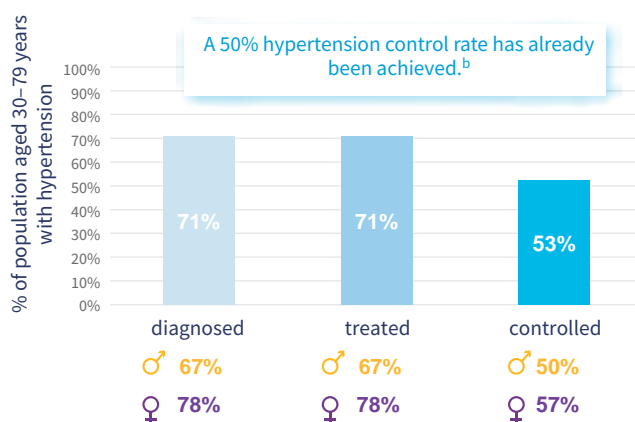
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 27% ♂ 32% ♀ 21%

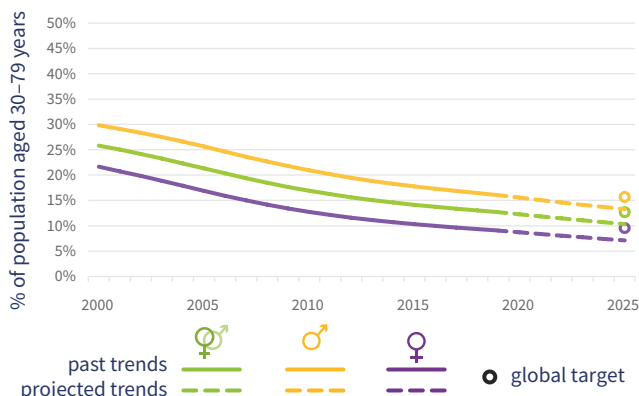
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



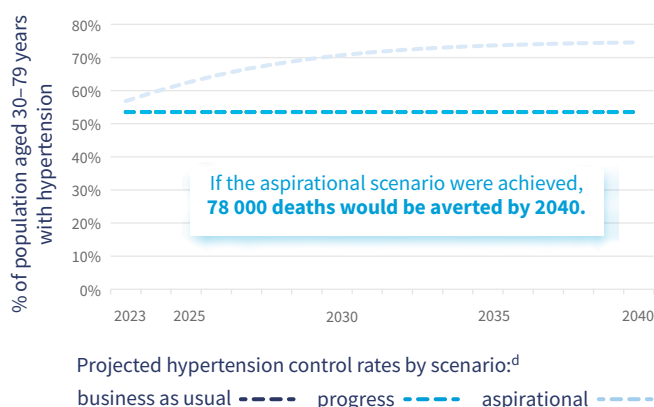
### Of the 10.4 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	7	10	4	2019
Cardiovascular disease deaths	64 400	29 900	34 500	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	42	40	43	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	12	13	11	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	21	37	6	2019
Obesity, adults aged 18+ years (%)	5	4	5	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	8	13	4	2019
Physical inactivity, adults aged 18+ years (%)	35	30	41	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

no data  
no data

### Treatment

Guidelines for management of hypertension



### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake ✓  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.



# Republic of Moldova

## Hypertension profile

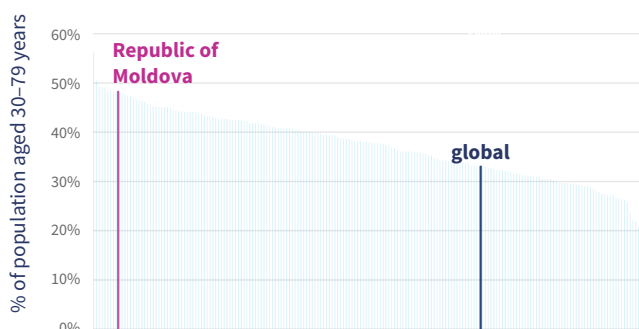
Total population (2019): 3 109 000

Total deaths (2019): 41 000

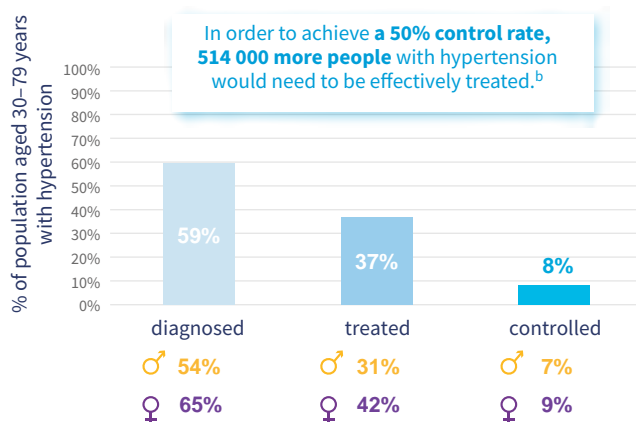
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 48% ♂ 49% ♀ 47%

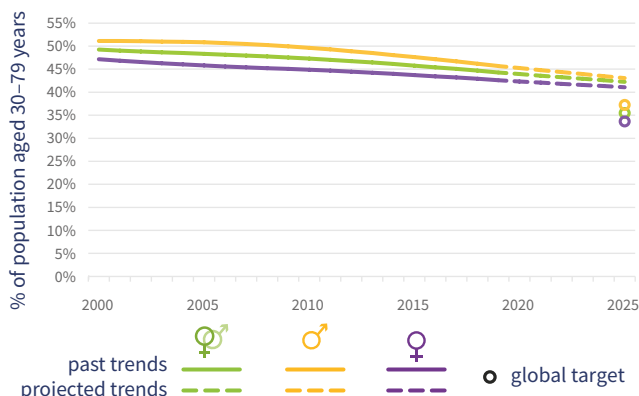
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



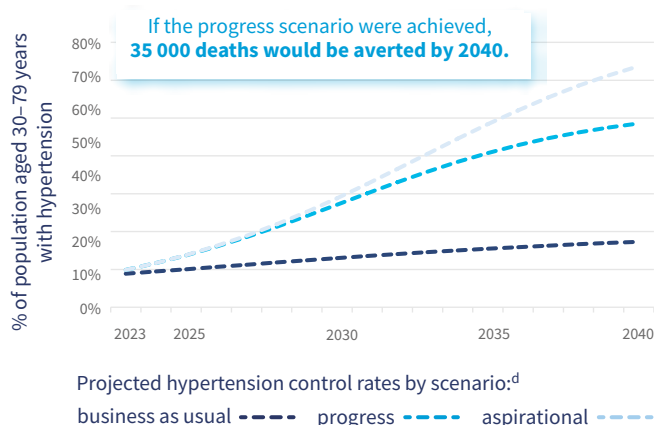
Of the **1.2 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	24	34	16	2019
Cardiovascular disease deaths	23 300	10 500	12 900	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	63	63	64	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%)	29	51	6	2019
Obesity, adults aged 18+ years (%)	19	16	21	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	11	18	5	2019
Physical inactivity, adults aged 18+ years (%)	11	12	11	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Romania

## Hypertension profile

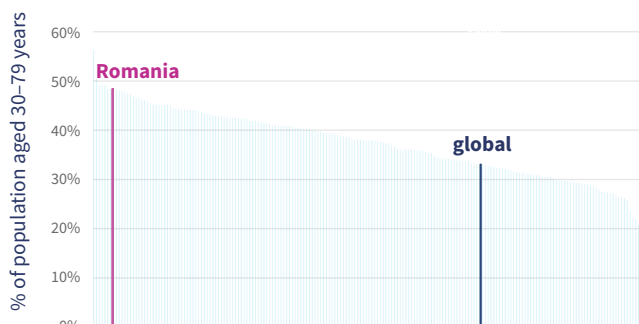
Total population (2019): 19 524 000

Total deaths (2019): 259 000

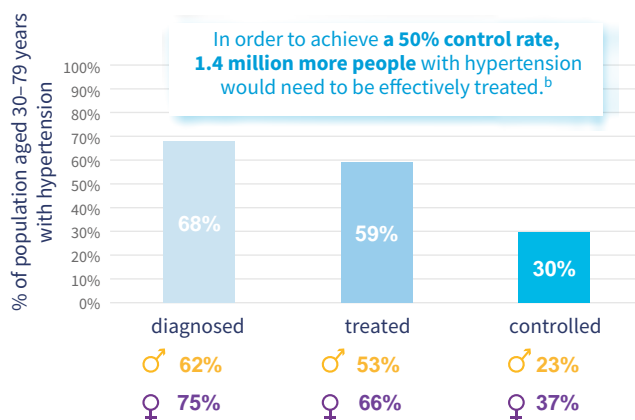
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 48% ♂ 53% ♀ 44%

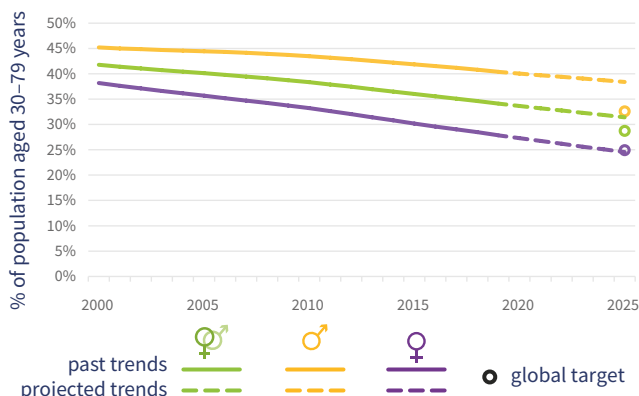
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



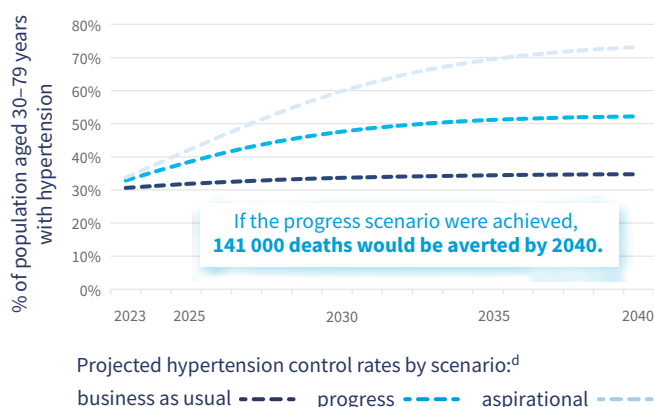
Of the **6.6 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual --- progress -.-.- aspirational .-.-.-

## Mortality

Probability of premature mortality from NCDs (%)

Cardiovascular disease deaths

Cardiovascular disease deaths attributable to high systolic blood pressure (%)

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	21	29	14	2019
Cardiovascular disease deaths	144 000	66 900	77 500	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	61	61	61	2019

## Risk factors<sup>e</sup>

Mean population salt intake, adults aged 25+ years (g/day)

Current tobacco use, adults aged 15+ years (%)

Obesity, adults aged 18+ years (%)

Total alcohol per capita consumption, adults aged 15+ years (litres)

Physical inactivity, adults aged 18+ years (%)

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	13	15	11	2019
Current tobacco use, adults aged 15+ years (%)	28	37	20	2019
Obesity, adults aged 18+ years (%)	23	23	22	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	17	27	8	2019
Physical inactivity, adults aged 18+ years (%)	35	32	38	2016

## National response

### Targets

National target for blood pressure

National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension

Conducted recent, national survey on salt/sodium intake

Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

✗  
✗

✓  
✓

✓

✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Russian Federation

## Hypertension profile

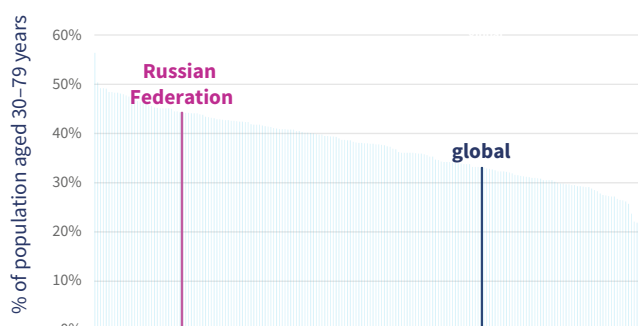
Total population (2019): 145 700 000

Total deaths (2019): 1 790 000!

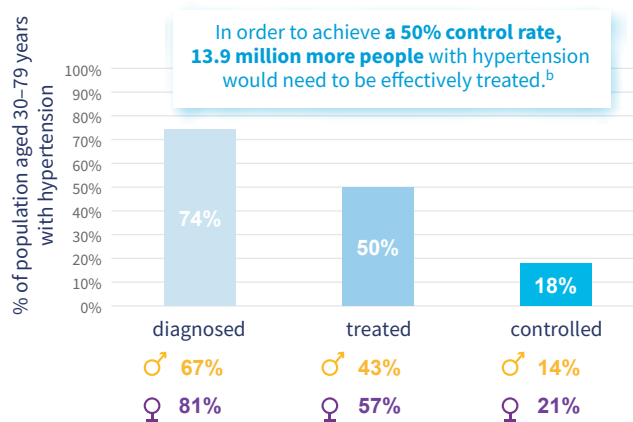
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 44% ♂ 47% ♀ 41%

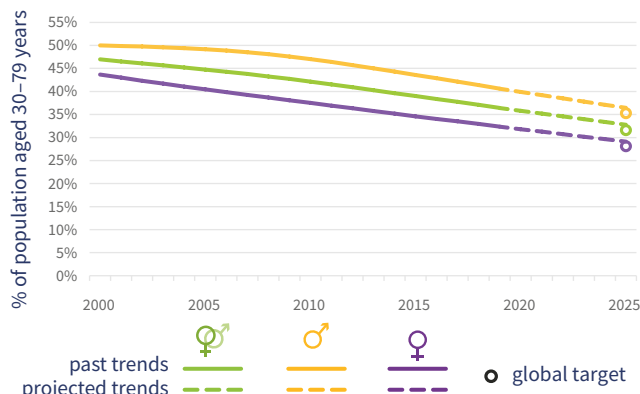
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



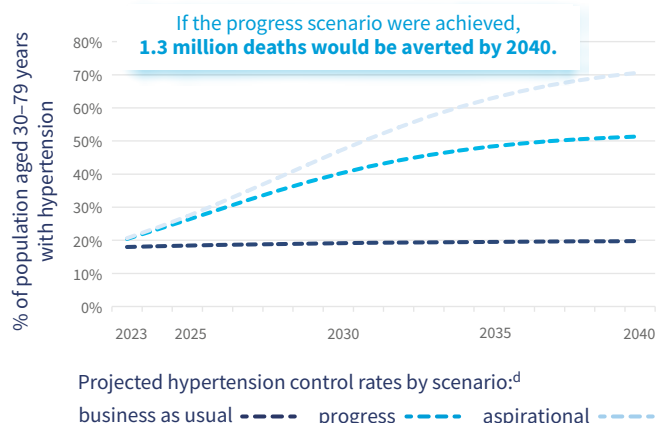
Of the **43.1 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	24	35	15	2019
Cardiovascular disease deaths	1 004 000	436 000	568 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	55	55	55	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	8	2019
Current tobacco use, adults aged 15+ years (%)	27	42	13	2019
Obesity, adults aged 18+ years (%)	23	18	27	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	10	18	4	2019
Physical inactivity, adults aged 18+ years (%)	17	17	18	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Rwanda

## Hypertension profile

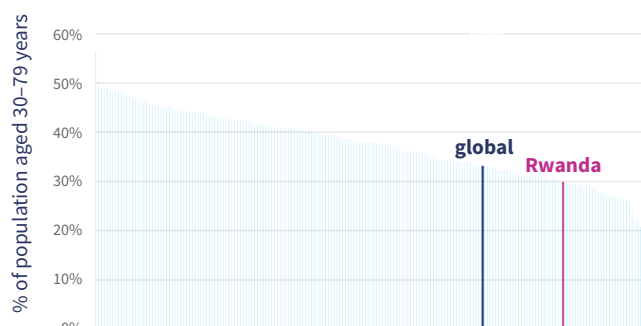
Total population (2019): 12 835 000

Total deaths (2019): 64 300

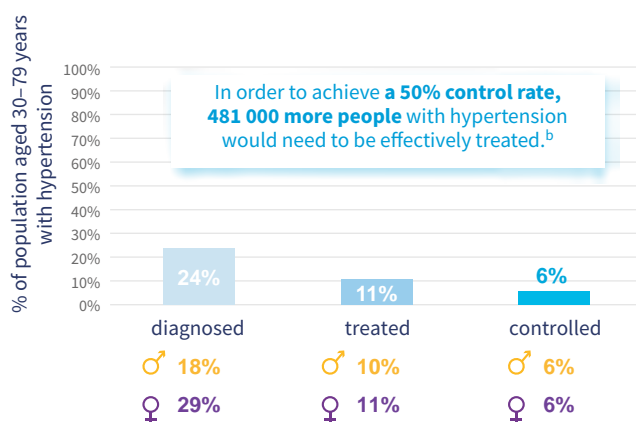
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 30% ♂ 29% ♀ 31%

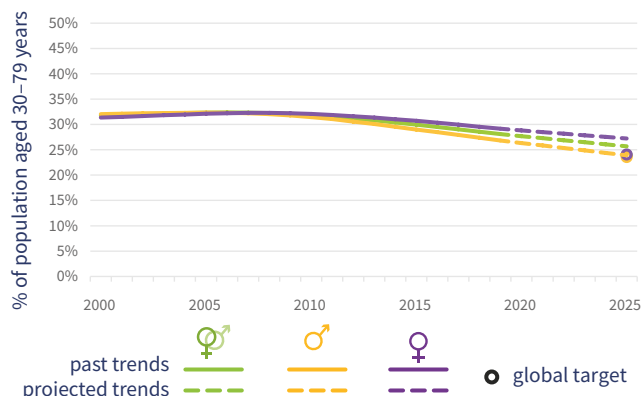
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



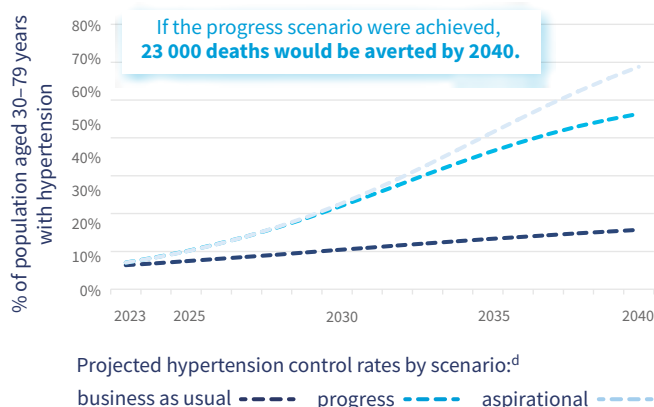
Of the **1.1 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	20	22	19	2019
Cardiovascular disease deaths	11 200	5400	5900	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	55	51	58	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	6	8	2019
Current tobacco use, adults aged 15+ years (%)	14	21	7	2019
Obesity, adults aged 18+ years (%)	6	2	9	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	3	1	2019
Physical inactivity, adults aged 18+ years (%)	15	11	18	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Saint Kitts and Nevis

## Hypertension profile

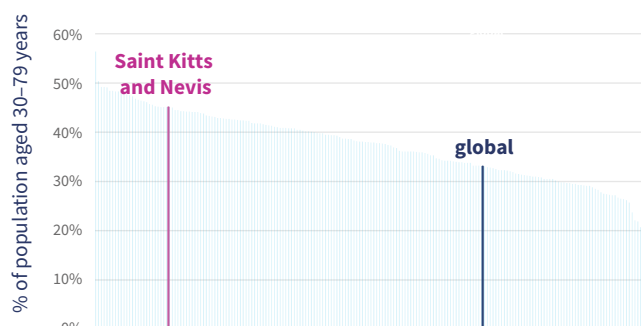
Total population (2019): 47 700

Total deaths (2019): no data

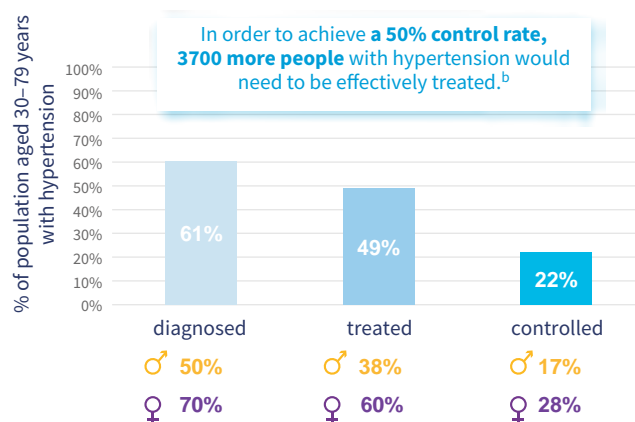
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 45% ♂ 45% ♀ 45%

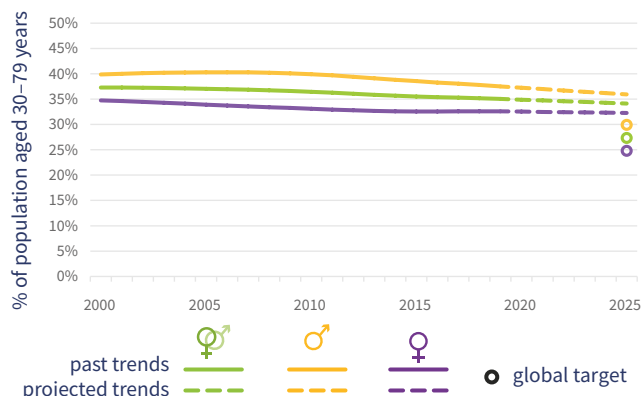
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



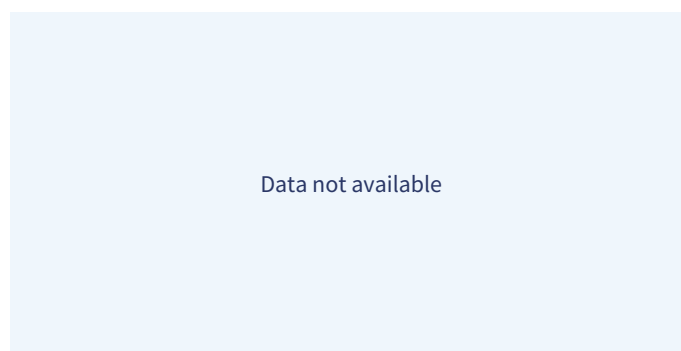
Of the 13 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	no data	no data	no data	2019
Cardiovascular disease deaths	no data	no data	no data	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	55	61	49	2019

## Risk factors<sup>d</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	23	15	30	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	6	10	3	2019
Physical inactivity, adults aged 18+ years (%)	32	24	40	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Age-standardized estimates are presented for all indicators except salt intake.

# Saint Lucia

## Hypertension profile

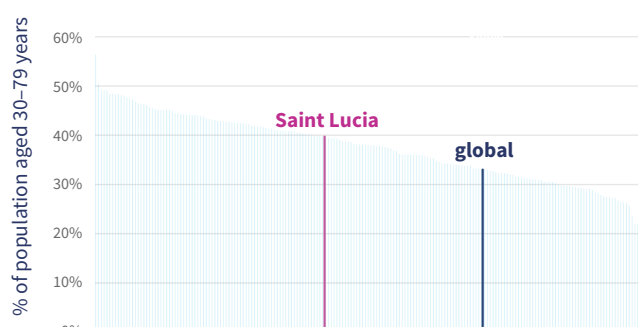
Total population (2019): 179 000

Total deaths (2019): 1500

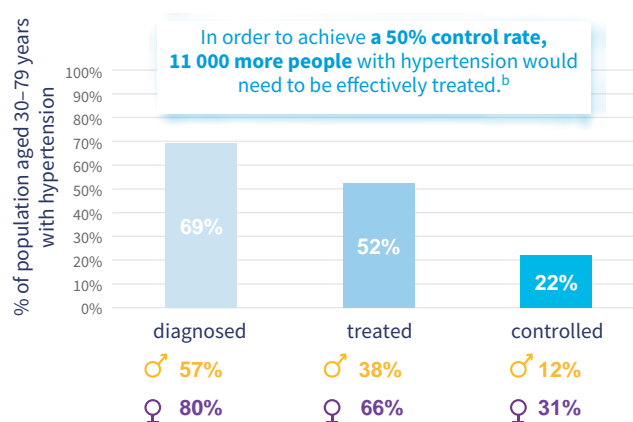
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 40% ♂ 39% ♀ 41%

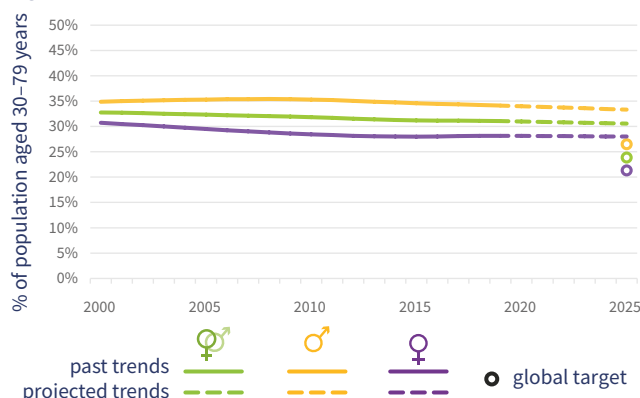
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



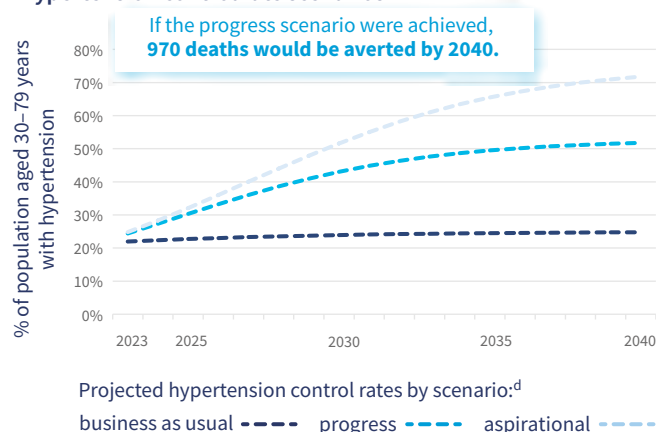
### Of the 40 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	18	21	15	2019
Cardiovascular disease deaths	490	280	220	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	52	53	52	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	20	12	27	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	9	15	4	2019
Physical inactivity, adults aged 18+ years (%)	40	27	52	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Saint Vincent and the Grenadines

Total population (2019): 105 000

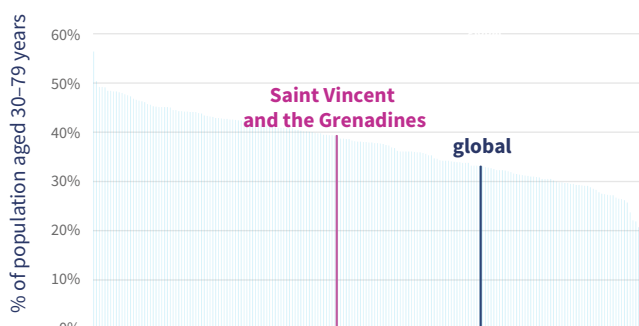
Total deaths (2019): 930

## Hypertension profile

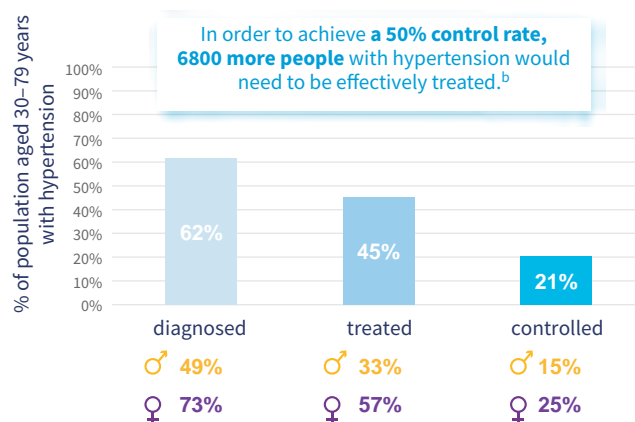
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 39% ♂ 37% ♀ 42%

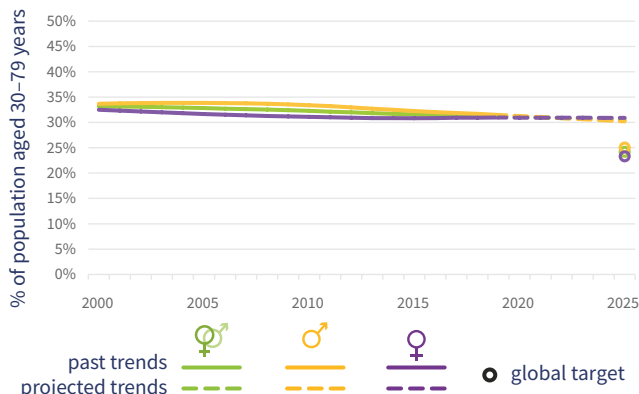
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



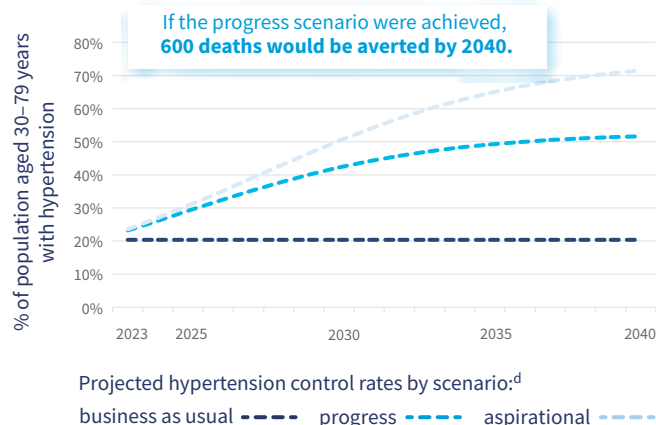
Of the 23 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	21	23	18	2019
Cardiovascular disease deaths	330	170	160	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	53	54	52	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	24	17	31	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	7	11	3	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.



# Samoa

## Hypertension profile

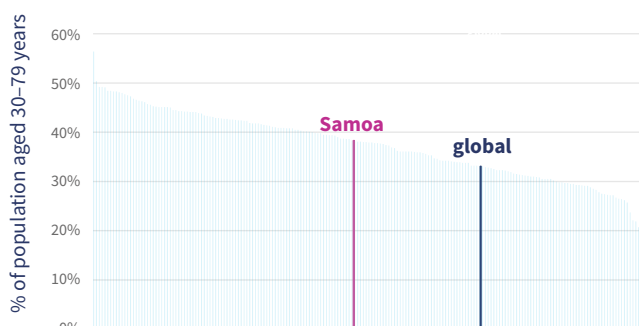
Total population (2019): 212 000

Total deaths (2019): 1210

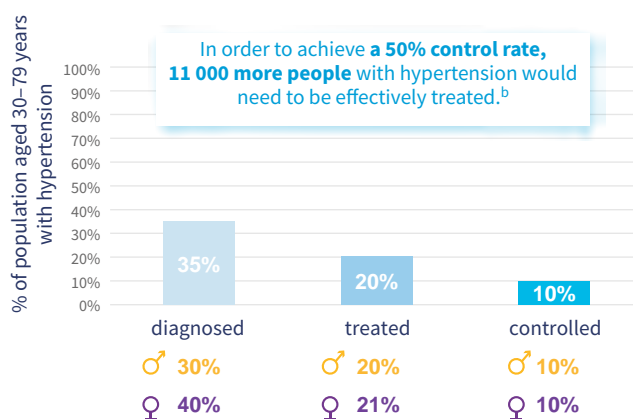
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 38% ♂ 39% ♀ 38%

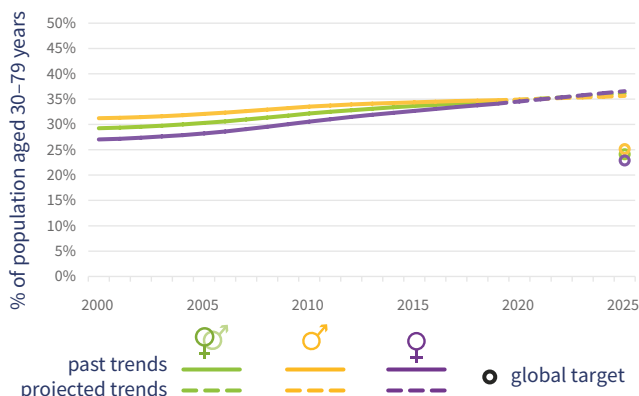
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



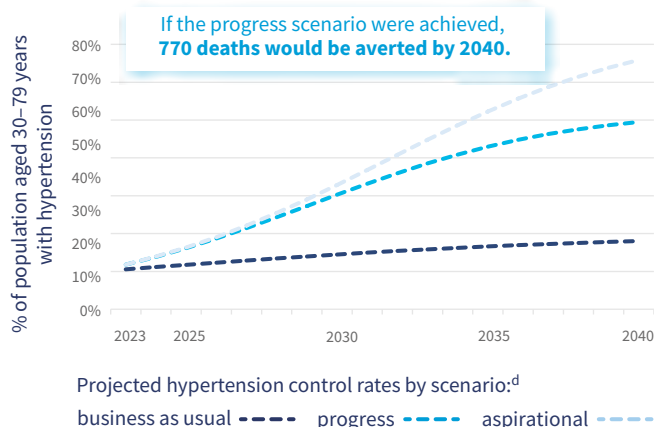
Of the 27 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	31	33	29	2019
Cardiovascular disease deaths	450	230	220	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	52	54	50	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	5	5	5	2019
Current tobacco use, adults aged 15+ years (%)	26	37	15	2019
Obesity, adults aged 18+ years (%)	47	40	55	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	4	1	2019
Physical inactivity, adults aged 18+ years (%)	13	8	17	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# San Marino

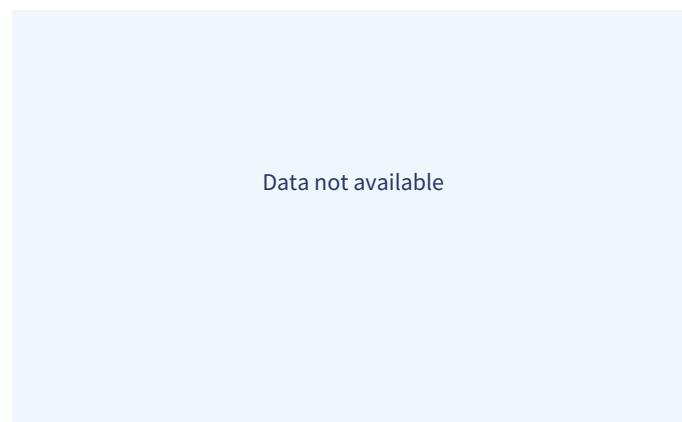
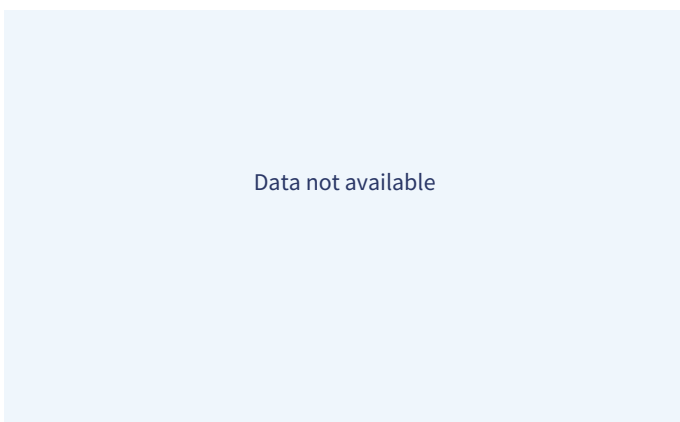
## Hypertension profile

Total population (2019): 34 200

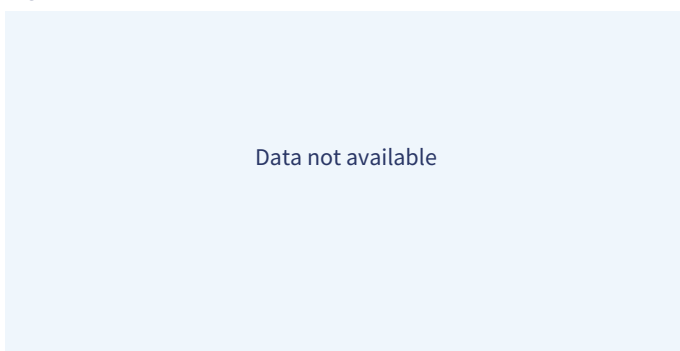
Total deaths (2019): no data

Age-standardized prevalence of hypertension among adults aged 30–79 years (2019) no data

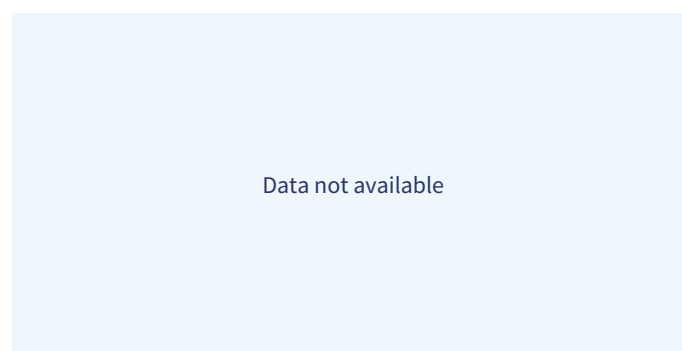
### Prevalence of hypertension – global comparison (both sexes)



### Trends in uncontrolled hypertension in adults aged 30–79 years



### Hypertension control rate scenarios



### Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	no data	no data	no data	2019
Cardiovascular disease deaths	no data	no data	no data	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	50	50	49	2019

### Risk factors<sup>a</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	9	7	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	no data	no data	no data	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	no data	no data	no data	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

### National response

#### Targets

National target for blood pressure  
National target for salt consumption

✗  
✗

#### Treatment

Guidelines for management of hypertension

✗

#### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

✗  
✗  
✓

Footnote: a. Age-standardized estimates are presented for all indicators except salt intake.

# Sao Tome and Principe

## Hypertension profile

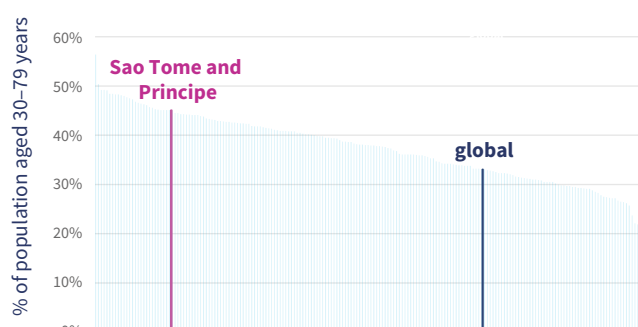
Total population (2019): 215 000

Total deaths (2019): 1000

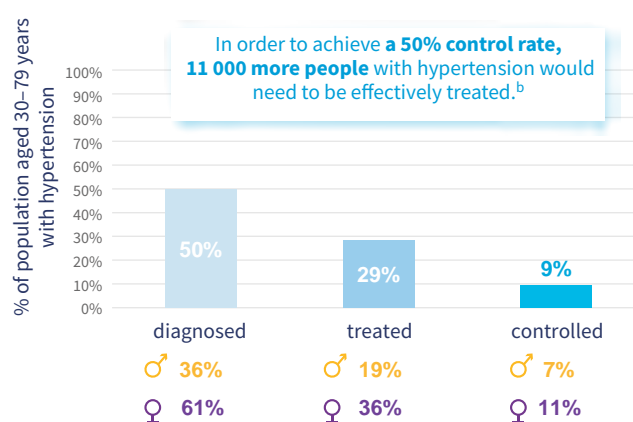
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 45% ♂ 42% ♀ 48%

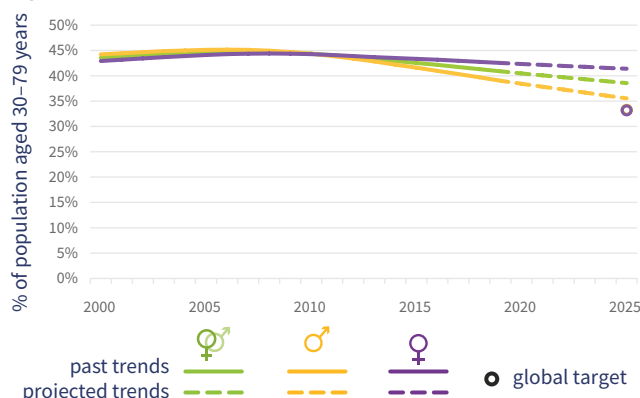
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



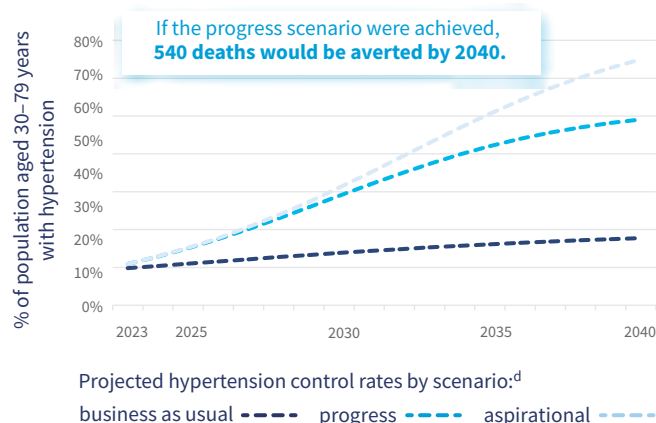
Of the 27 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual --- progress --- aspirational ---

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	21	22	20	2019
Cardiovascular disease deaths	240	90	150	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	60	60	60	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	6	10	1	2019
Obesity, adults aged 18+ years (%)	12	7	17	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	5	8	2	2019
Physical inactivity, adults aged 18+ years (%)	15	10	21	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

✗  
✗  
✓  
✓  
✗

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Saudi Arabia

## Hypertension profile

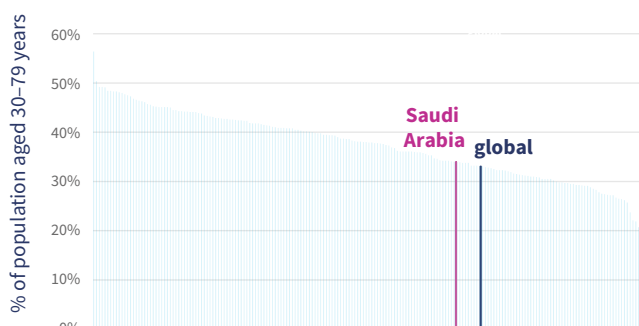
Total population (2019): 35 827 000

Total deaths (2019): 143 000

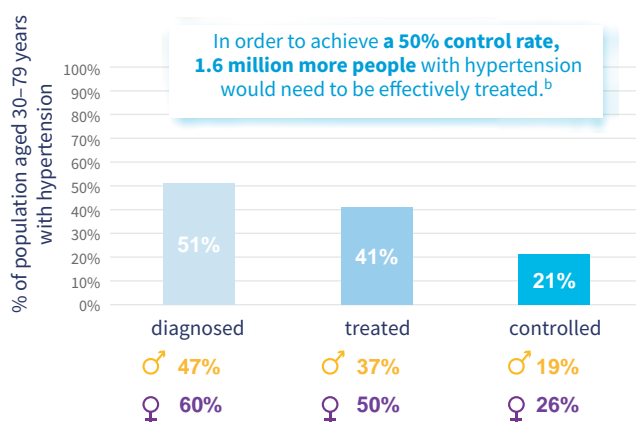
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 34% ♂ 36% ♀ 30%

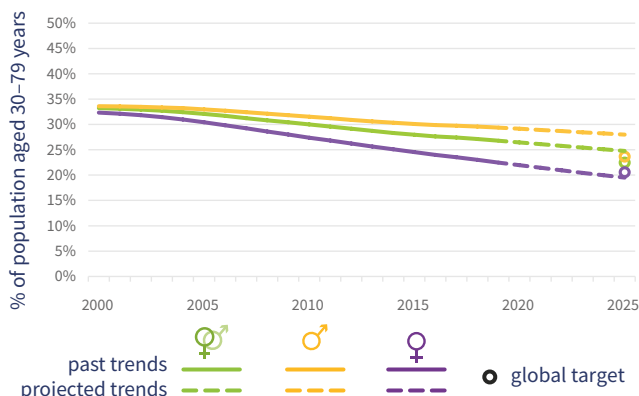
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



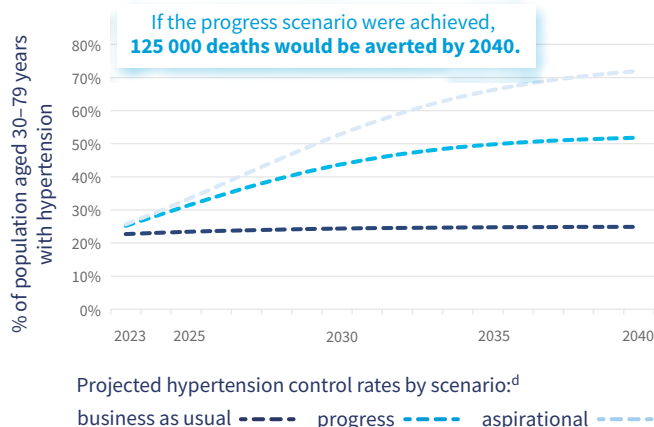
Of the **5.1 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	21	22	18	2019
Cardiovascular disease deaths	60 300	38 200	22 100	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	54	57	49	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	5	2019
Current tobacco use, adults aged 15+ years (%)	14	26	2	2019
Obesity, adults aged 18+ years (%)	35	31	42	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	53	45	65	2016

## National response

### Targets

National target for blood pressure ✓  
National target for salt consumption ✗

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake ✗  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✗

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Senegal

## Hypertension profile

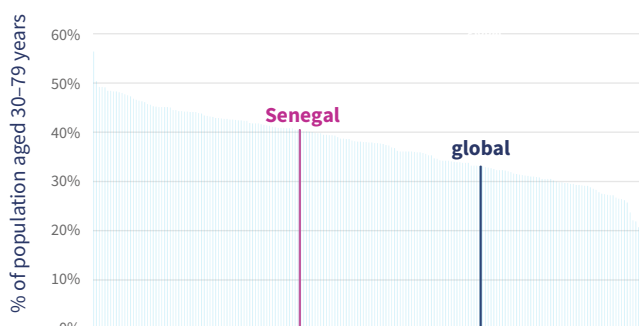
Total population (2019): 16 001 000

Total deaths (2019): 86 600

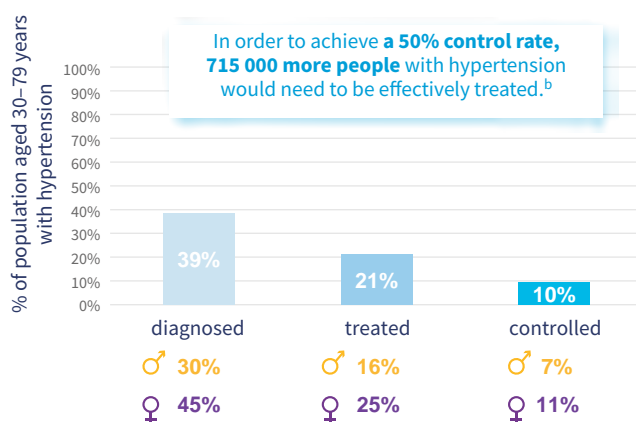
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 41% ♂ 37% ♀ 43%

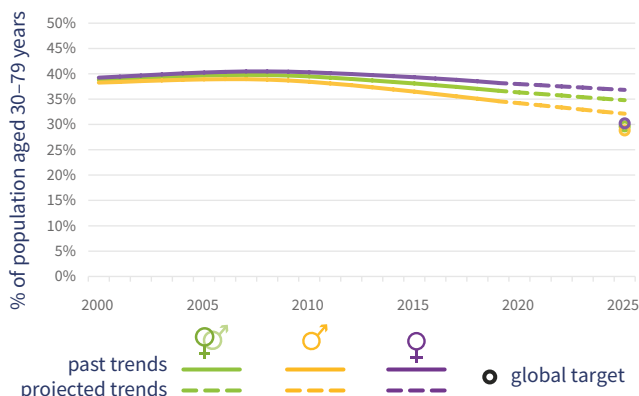
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



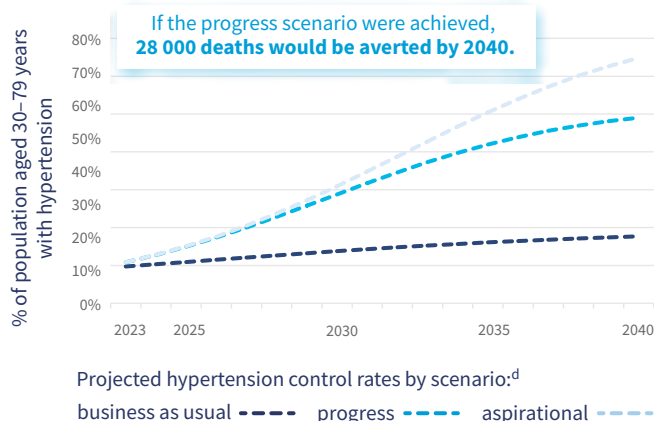
Of the **1.7 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	20	19	20	2019
Cardiovascular disease deaths	14 100	6100	8000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	62	58	66	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	7	14	1	2019
Obesity, adults aged 18+ years (%)	9	4	13	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	1	0	2019
Physical inactivity, adults aged 18+ years (%)	23	18	28	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Serbia

## Hypertension profile

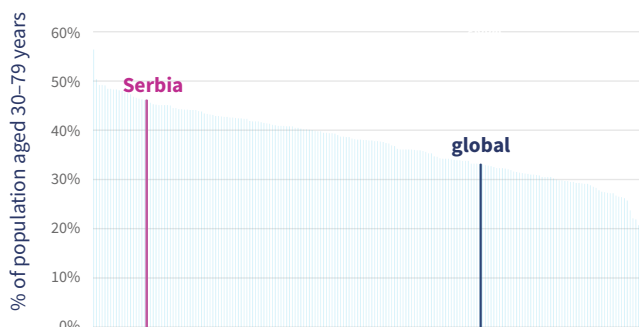
Total population (2019): 7 401 000

Total deaths (2019): 115 000

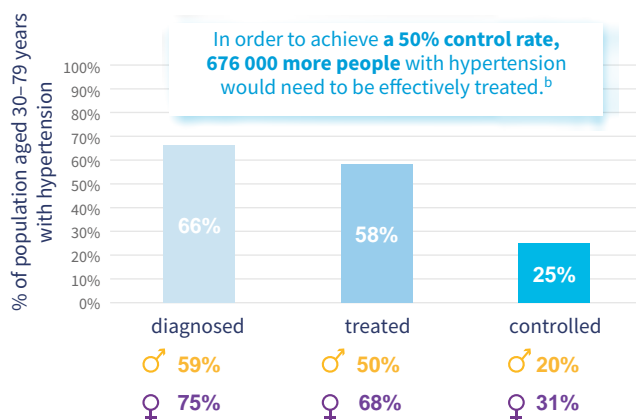
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 46% ♂ 50% ♀ 42%

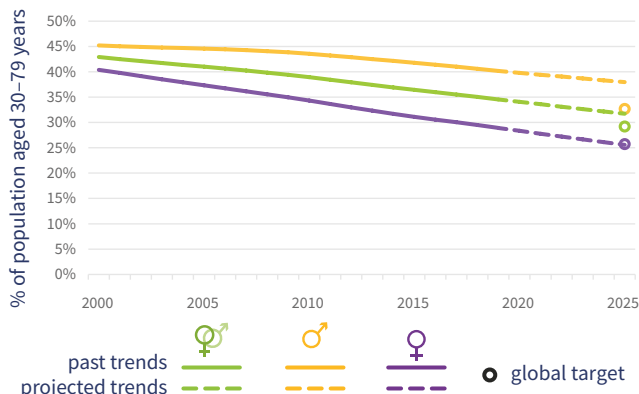
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



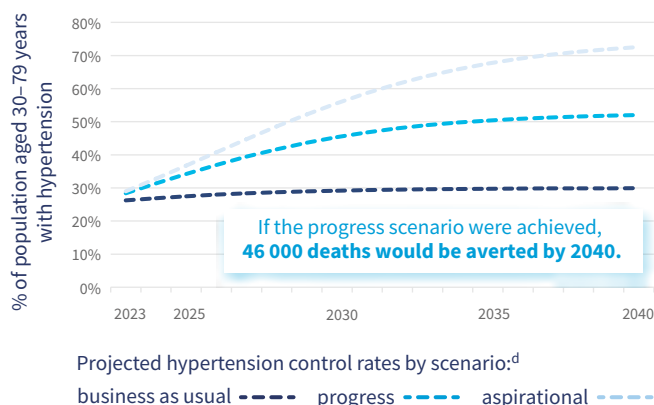
Of the **2.9 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual — progress — aspirational —

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	22	28	16	2019
Cardiovascular disease deaths	59 300	27 300	32 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	59	59	59	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	13	15	11	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	40	41	39	2019
Obesity, adults aged 18+ years (%)	22	21	22	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	8	13	3	2019
Physical inactivity, adults aged 18+ years (%)	39	35	44	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

✗  
✗

✓  
✗  
✓

✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Seychelles

## Hypertension profile

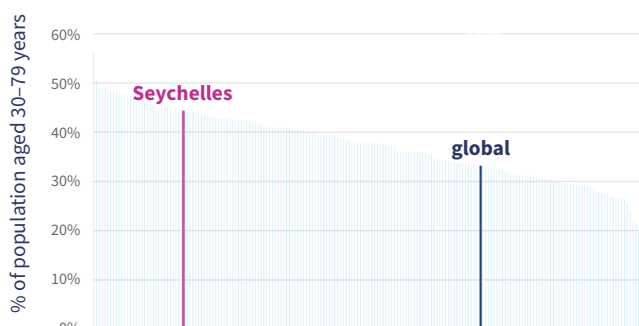
Total population (2019): 104 000

Total deaths (2019): 770

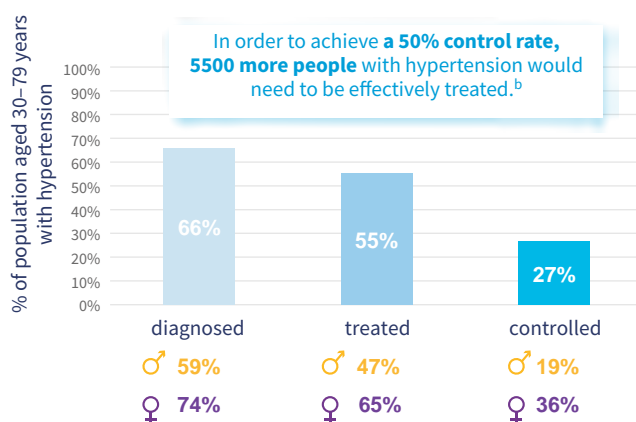
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 44% ♂ 46% ♀ 42%

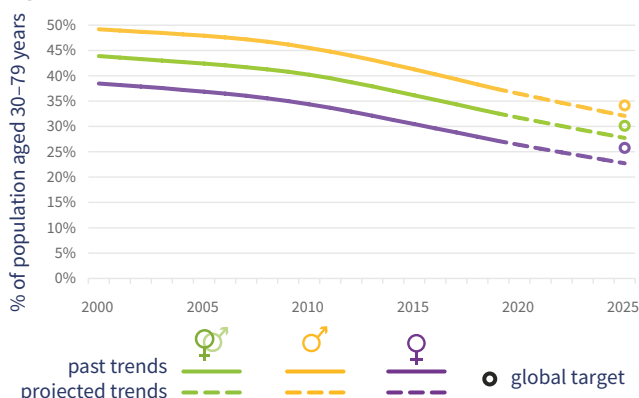
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



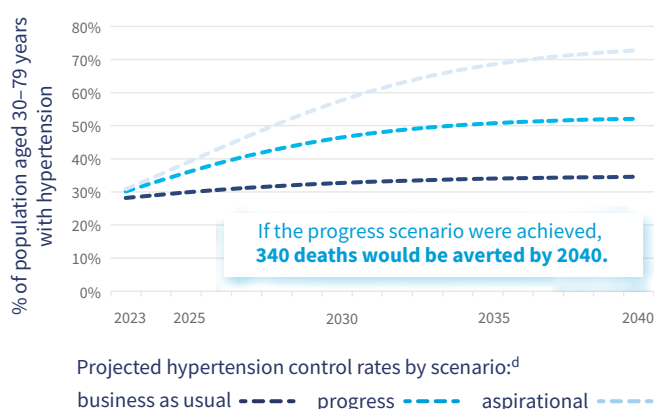
Of the 24 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	21	27	15	2019
Cardiovascular disease deaths	230	120	110	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	61	63	60	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	21	35	7	2019
Obesity, adults aged 18+ years (%)	14	8	21	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	12	18	5	2019
Physical inactivity, adults aged 18+ years (%)	19	18	20	2016

## National response

### Targets

National target for blood pressure ✓  
National target for salt consumption ✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✗  
Conducted recent, national survey on salt/sodium intake ✗  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✓

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.



# Sierra Leone

## Hypertension profile

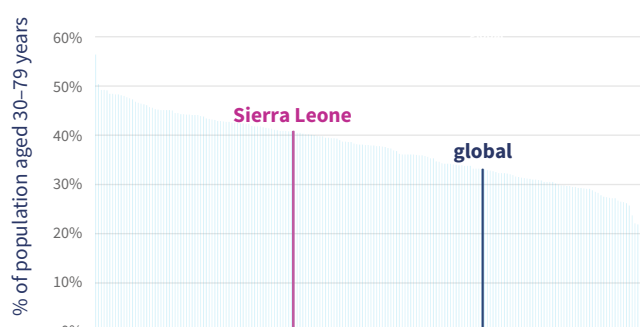
Total population (2019): 8 047 000

Total deaths (2019): 67 200

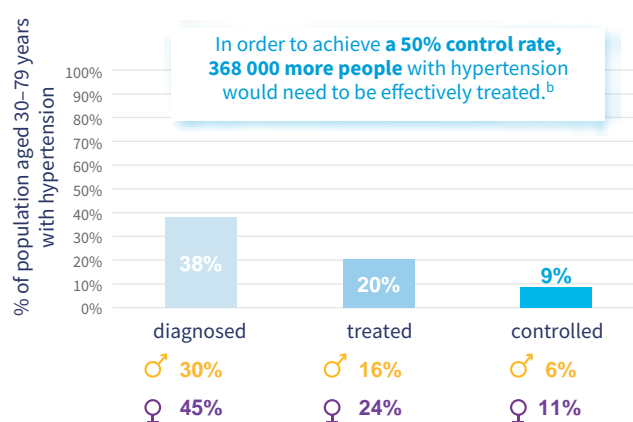
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 41% ♂ 38% ♀ 43%

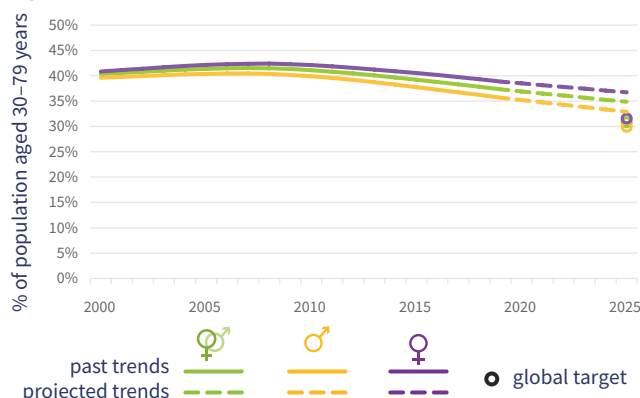
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



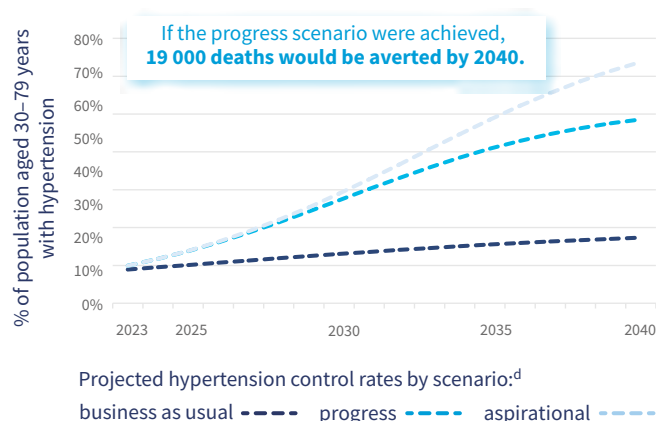
Of the 878 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	24	22	25	2019
Cardiovascular disease deaths	9400	3900	5400	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	65	63	66	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	14	22	7	2019
Obesity, adults aged 18+ years (%)	9	4	13	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	14	10	18	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Singapore

## Hypertension profile

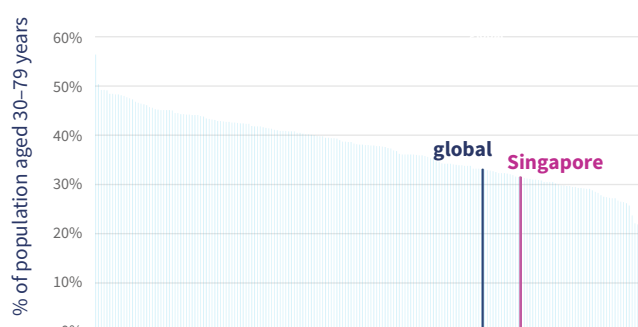
Total population (2019): 5 866 000

Total deaths (2019): 26 800

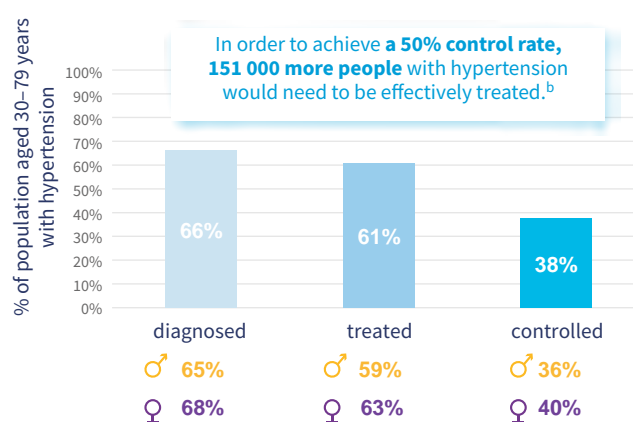
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 32% ♂ 35% ♀ 27%

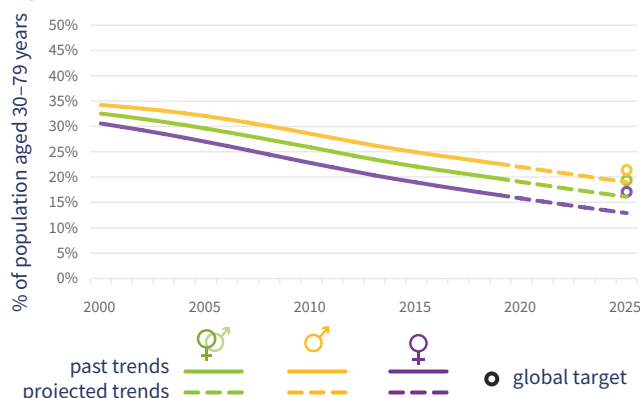
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



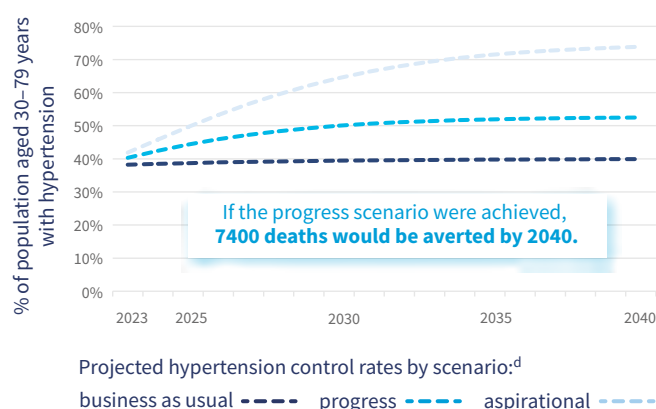
Of the **1.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	9	12	7	2019
Cardiovascular disease deaths	8400	5100	3300	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	45	47	42	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	11	12	10	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	17	28	5	2019
Obesity, adults aged 18+ years (%)	6	6	6	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	3	1	2019
Physical inactivity, adults aged 18+ years (%)	37	34	39	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension



Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Slovakia

## Hypertension profile

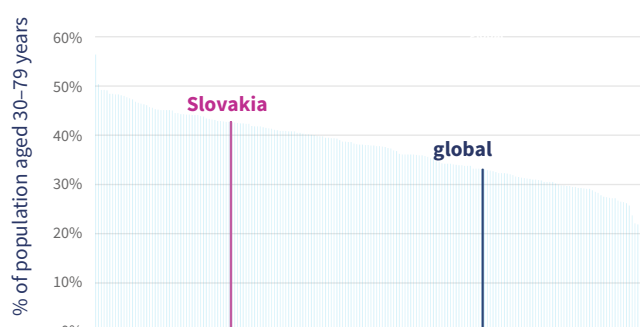
Total population (2019): 5 454 000

Total deaths (2019): 50 500

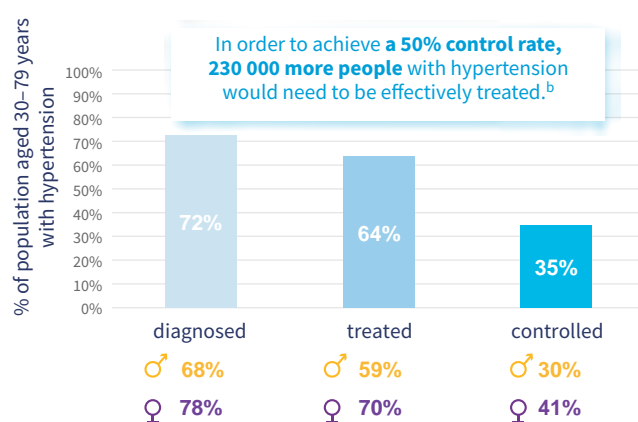
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 43% ♂ 47% ♀ 38%

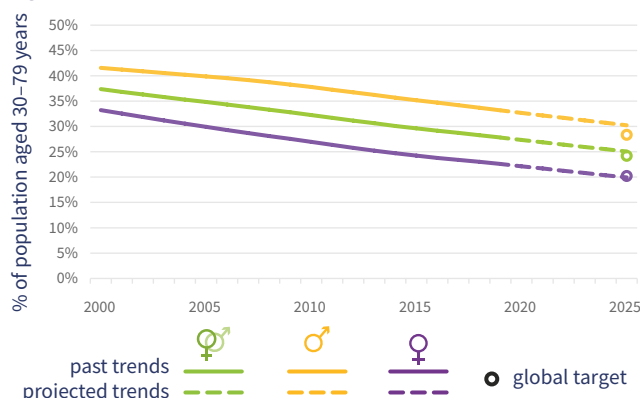
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



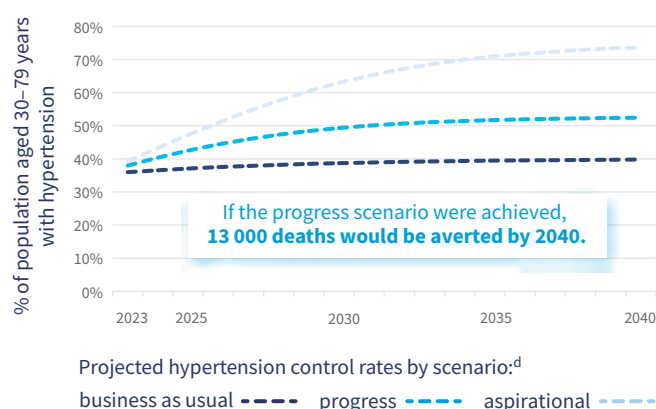
Of the **1.7 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual — progress — aspirational —

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	15	21	10	2019
Cardiovascular disease deaths	16 800	8600	8200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	58	59	56	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	13	15	11	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	32	38	25	2019
Obesity, adults aged 18+ years (%)	21	21	20	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	10	17	5	2019
Physical inactivity, adults aged 18+ years (%)	35	31	38	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

✗  
✗  
✓  
✓  
✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Slovenia

## Hypertension profile

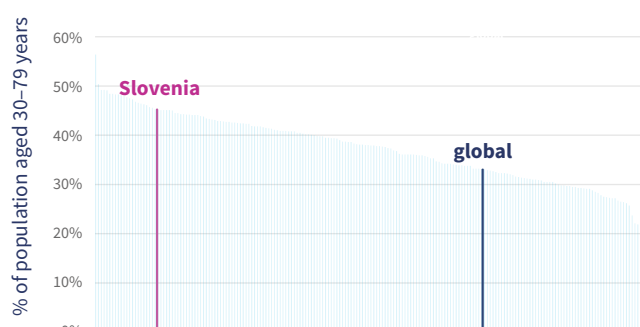
Total population (2019): 2 113 000

Total deaths (2019): 20 500

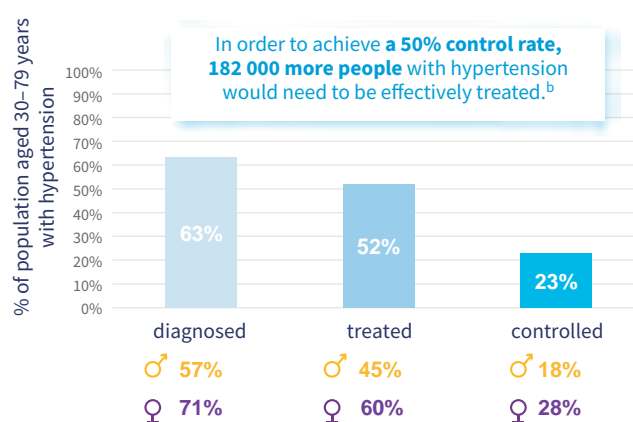
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 45% ♂ 50% ♀ 41%

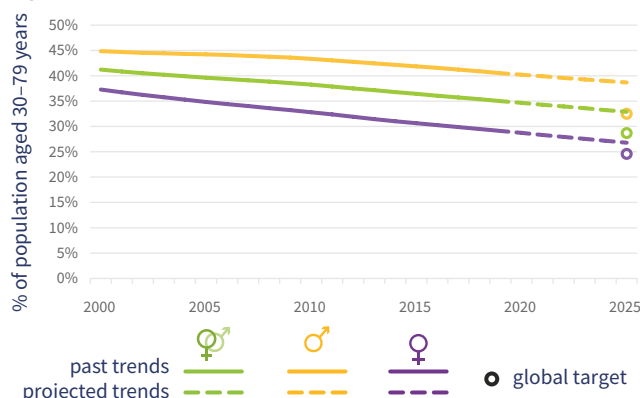
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



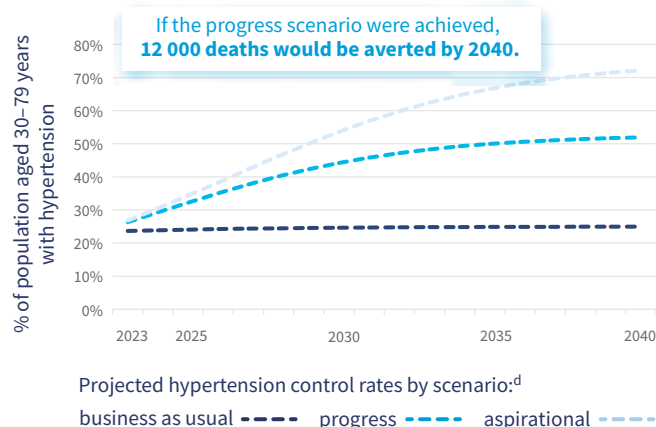
Of the 699 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	11	15	8	2019
Cardiovascular disease deaths	8000	3200	4800	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	56	57	56	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	13	15	11	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	22	25	20	2019
Obesity, adults aged 18+ years (%)	20	19	21	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	11	17	5	2019
Physical inactivity, adults aged 18+ years (%)	32	28	37	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Solomon Islands

## Hypertension profile

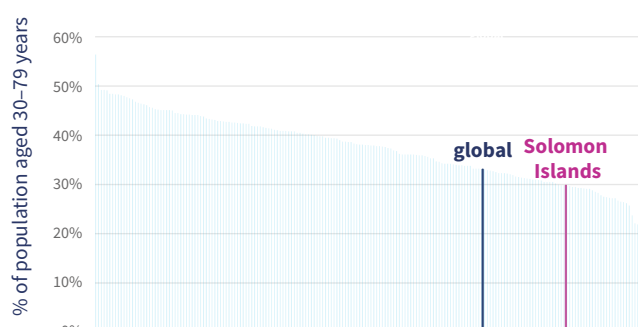
Total population (2019): 675 000

Total deaths (2019): 4780

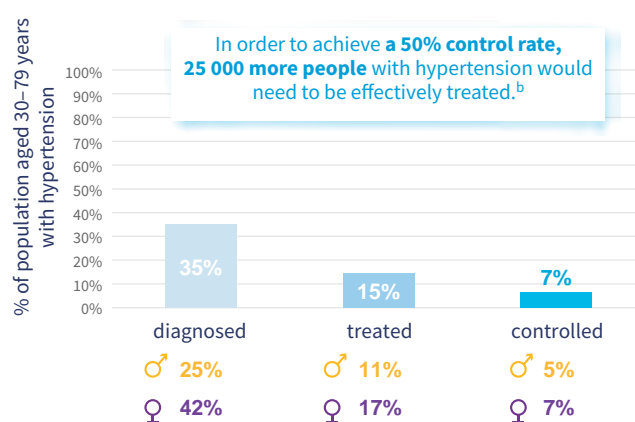
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 30% ♂ 25% ♀ 35%

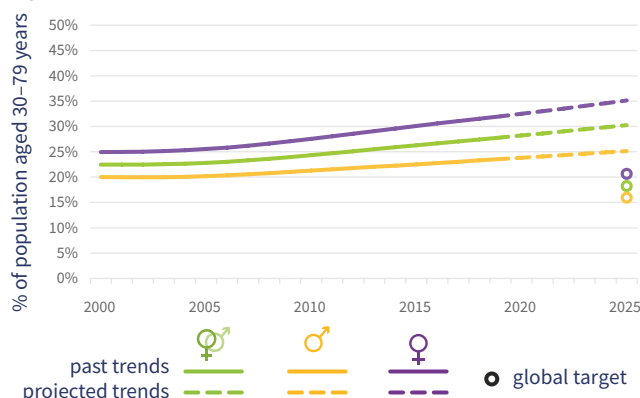
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



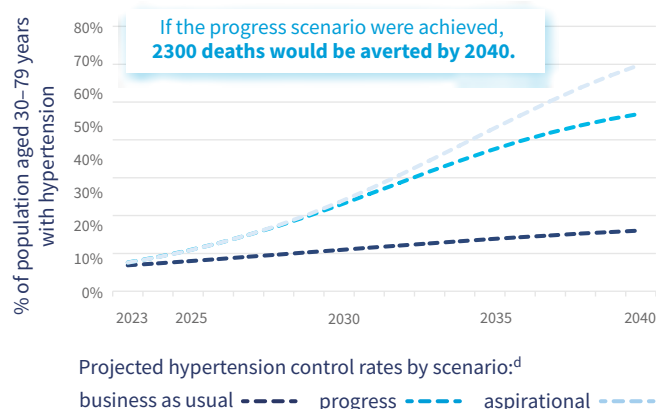
Of the 58 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	39	44	34	2019
Cardiovascular disease deaths	1800	1100	780	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	40	38	43	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	37	54	20	2019
Obesity, adults aged 18+ years (%)	23	18	27	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	3	1	2019
Physical inactivity, adults aged 18+ years (%)	18	13	23	2016

## National response

### Targets

National target for blood pressure ✓  
National target for salt consumption ✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✗  
Conducted recent, national survey on salt/sodium intake ✗  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✗

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Somalia

## Hypertension profile

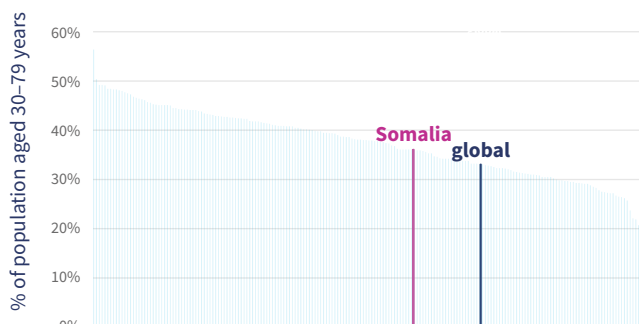
Total population (2019): 15 981 000

Total deaths (2019): 170 000

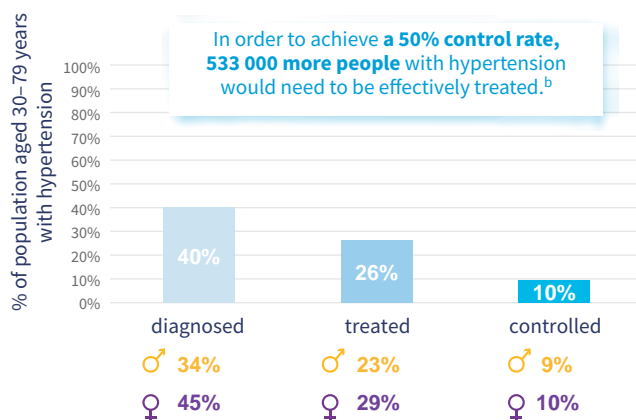
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 36% ♂ 33% ♀ 39%

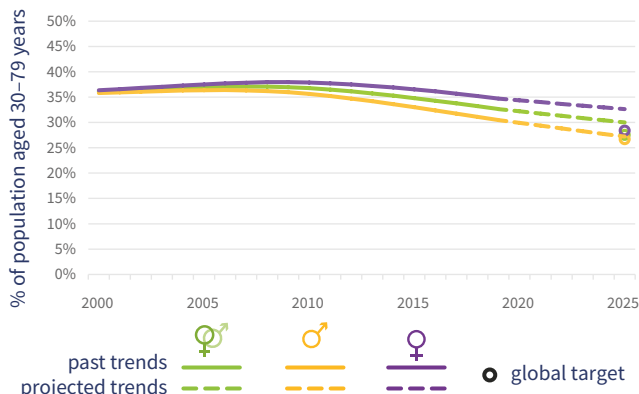
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



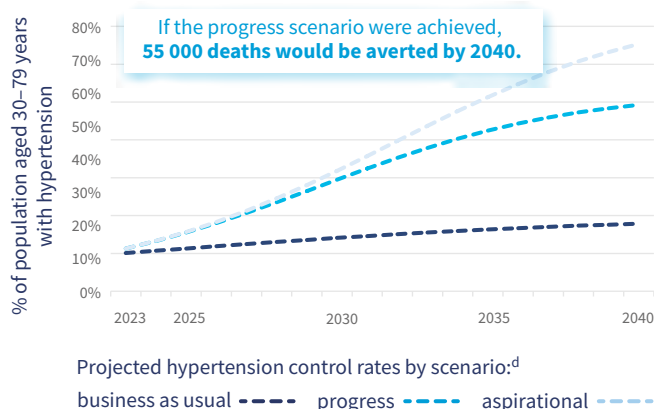
Of the **1.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	30	34	27	2019
Cardiovascular disease deaths	20 300	11 800	8 500	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	57	56	59	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	6	8	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	8	4	12	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# South Africa

## Hypertension profile

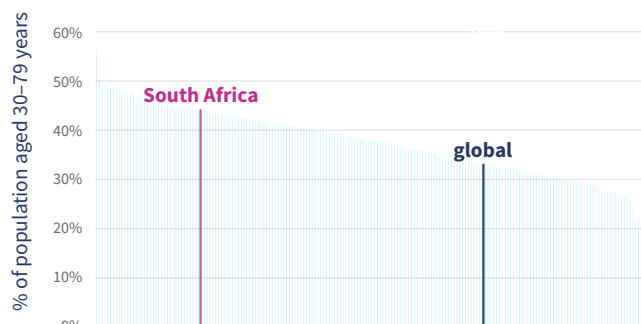
Total population (2019): 58 087 000

Total deaths (2019): 496 000

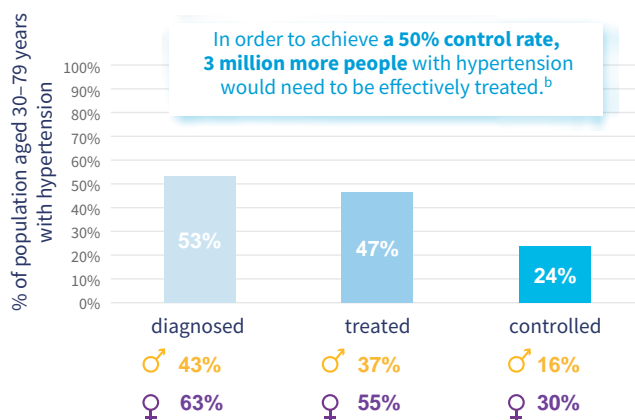
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 44% ♂ 44% ♀ 44%

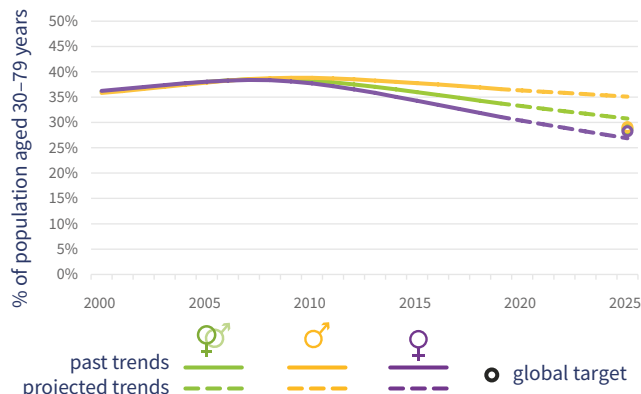
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



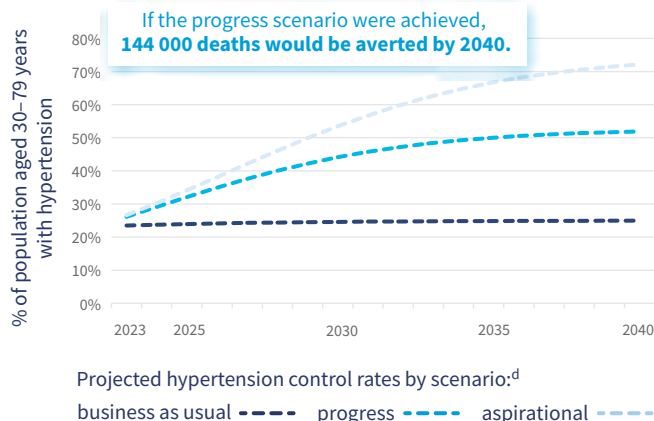
Of the **10.8 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	24	28	20	2019
Cardiovascular disease deaths	87 800	42 600	45 200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	64	63	65	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	7	6	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	20	34	7	2019
Obesity, adults aged 18+ years (%)	28	15	40	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	9	15	3	2019
Physical inactivity, adults aged 18+ years (%)	38	28	47	2016

## National response

### Targets

National target for blood pressure ✓  
National target for salt consumption ✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake ✓  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✓

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.



# South Sudan

## Hypertension profile

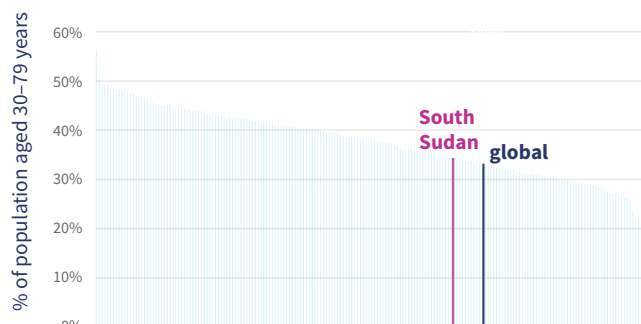
Total population (2019): 10 448 000

Total deaths (2019): 90 400

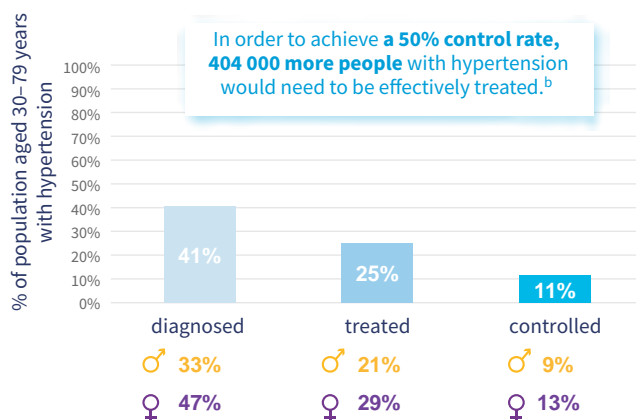
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 34% ♂ 32% ♀ 36%

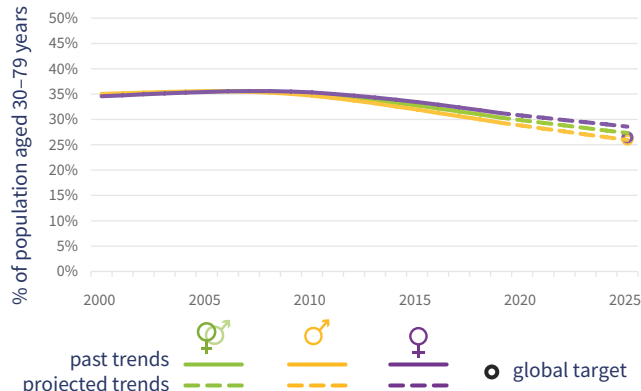
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



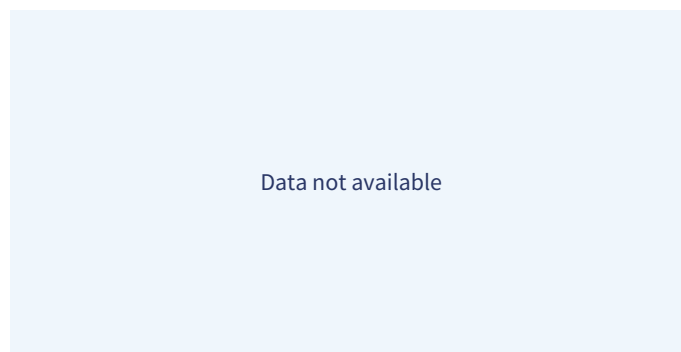
### Of the 1 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	17	18	16	2019
Cardiovascular disease deaths	8400	4200	4300	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	59	58	60	2019

## Risk factors<sup>d</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	8	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	no data	no data	no data	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	no data	no data	no data	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

✓  
✗

### Treatment

Guidelines for management of hypertension

✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

✗  
✗  
✗

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Age-standardized estimates are presented for all indicators except salt intake.

# Spain

## Hypertension profile

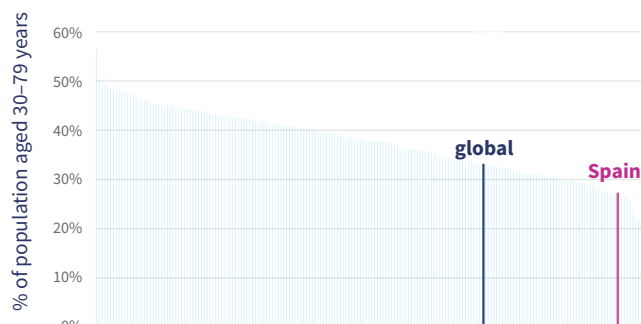
Total population (2019): 47 131 000

Total deaths (2019): 427 000

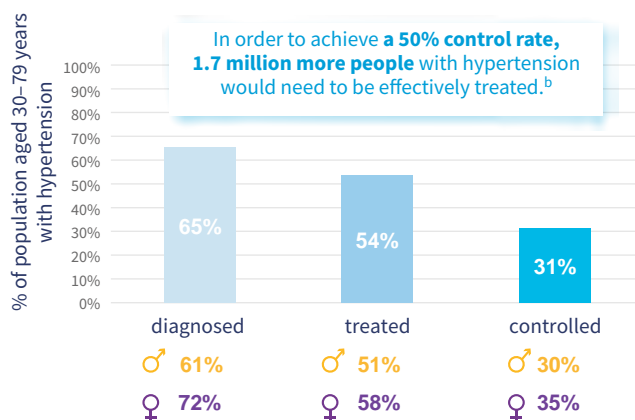
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 27% ♂ 34% ♀ 21%

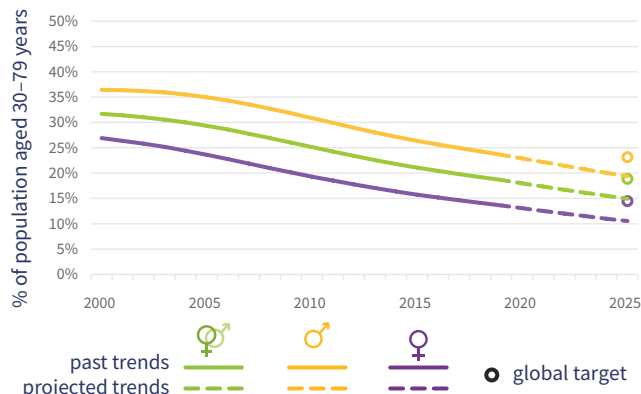
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



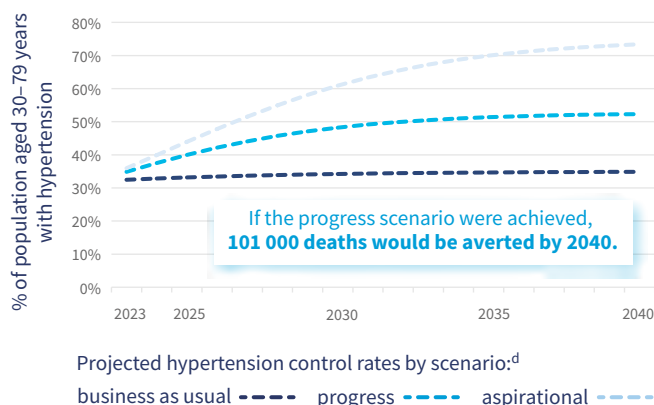
Of the **9.9 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	10	13	6	2019
Cardiovascular disease deaths	118 000	55 100	62 800	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	47	49	46	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	9	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	28	29	27	2019
Obesity, adults aged 18+ years (%)	24	25	23	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	11	17	5	2019
Physical inactivity, adults aged 18+ years (%)	27	23	31	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Sri Lanka

## Hypertension profile

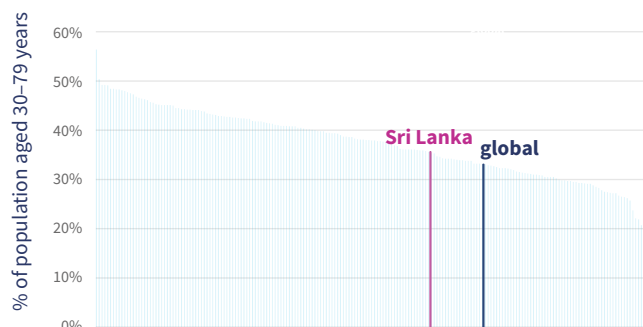
Total population (2019): 21 650 000

Total deaths (2019): 146 000

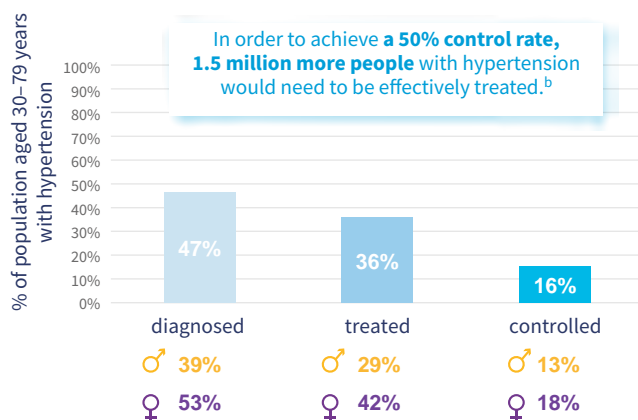
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 36% ♂ 34% ♀ 37%

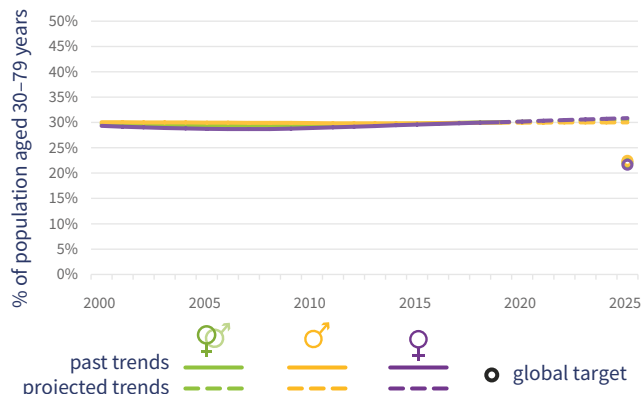
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



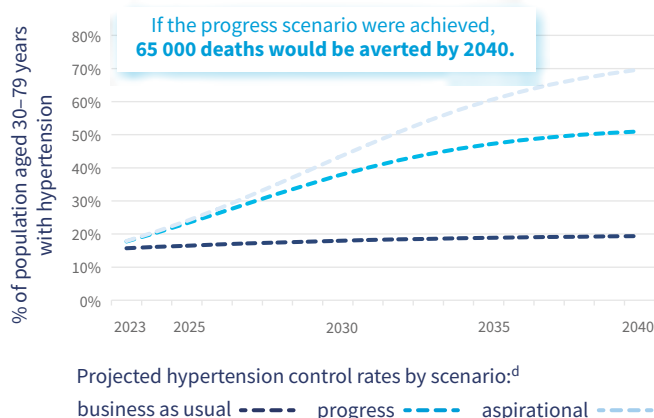
Of the **4.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	13	17	9	2019
Cardiovascular disease deaths	35 900	19 600	16 300	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	56	56	56	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	11	11	10	2019
Current tobacco use, adults aged 15+ years (%)	22	42	3	2019
Obesity, adults aged 18+ years (%)	5	3	7	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	3	5	1	2019
Physical inactivity, adults aged 18+ years (%)	29	20	37	2016

## National response

### Targets

National target for blood pressure ✓  
National target for salt consumption ✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake ✓  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✗

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP  $\geq$ 140 mmHg or DBP  $\geq$ 90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Sudan

## Hypertension profile

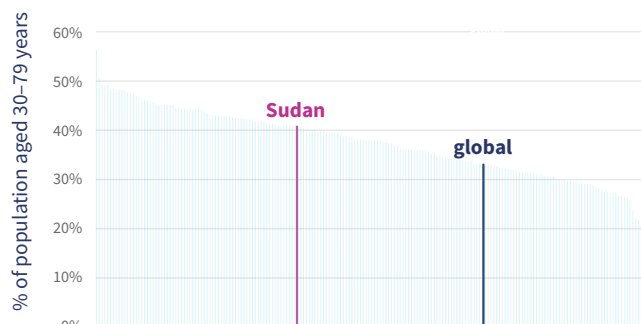
Total population (2019): 43 232 000

Total deaths (2019): 241 000

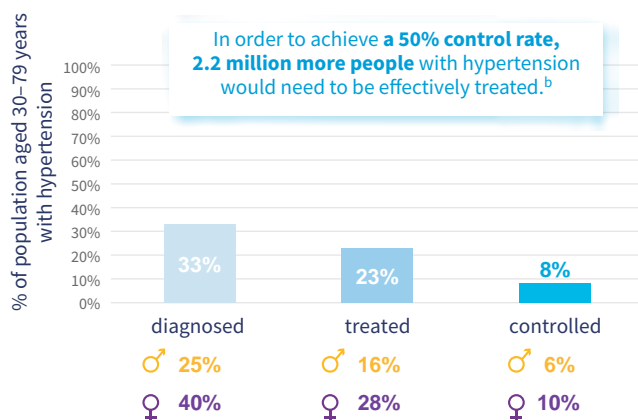
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 41% ♂ 38% ♀ 44%

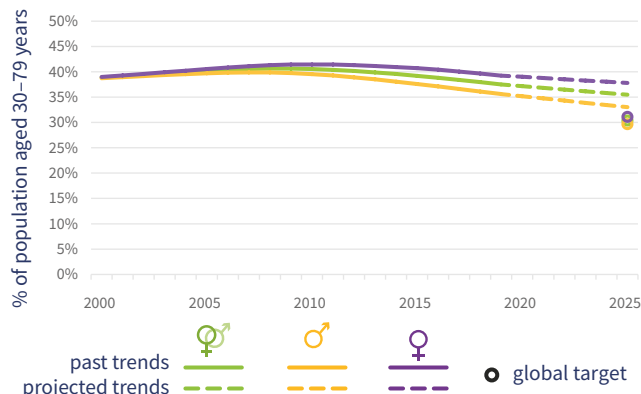
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



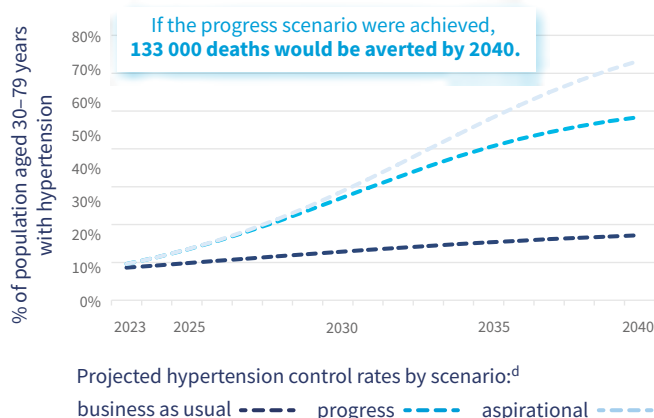
Of the **5.1 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	23	24	21	2019
Cardiovascular disease deaths	76 800	38 500	38 200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	64	62	66	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	7	5	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	no data	no data	no data	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Suriname

## Hypertension profile

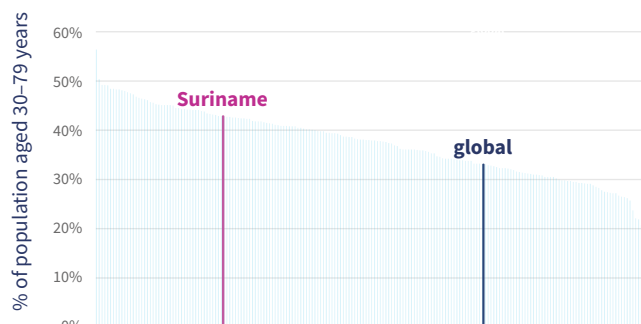
Total population (2019): 600 000

Total deaths (2019): 4490

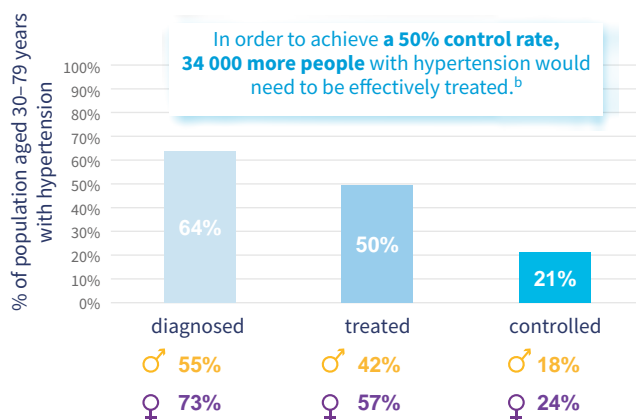
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 43% ♂ 42% ♀ 43%

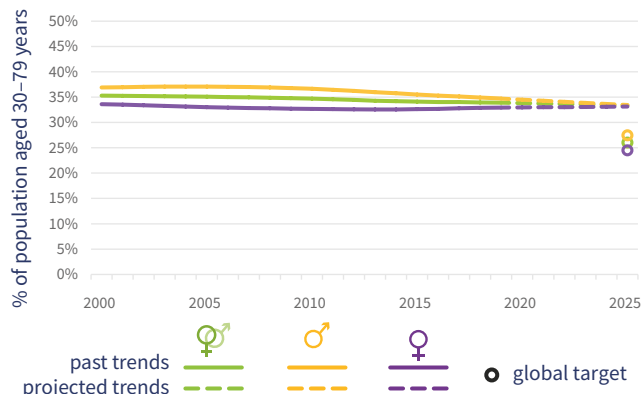
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



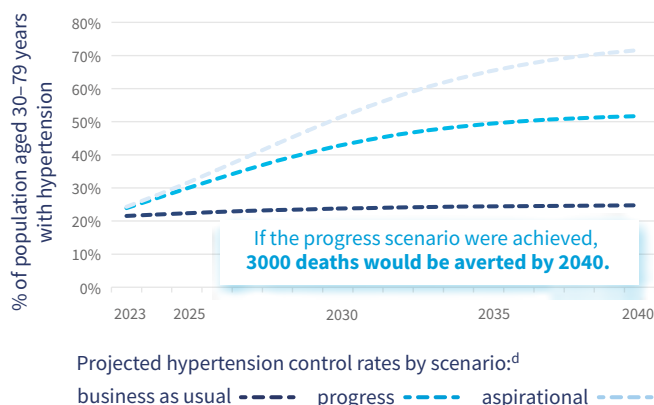
Of the **116 000** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



### Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	23	28	18	2019
Cardiovascular disease deaths	1500	810	710	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	49	49	48	2019

### Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	26	19	34	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	7	11	3	2019
Physical inactivity, adults aged 18+ years (%)	44	38	51	2016

### National response

#### Targets

National target for blood pressure  
National target for salt consumption

#### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

#### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Sweden

## Hypertension profile

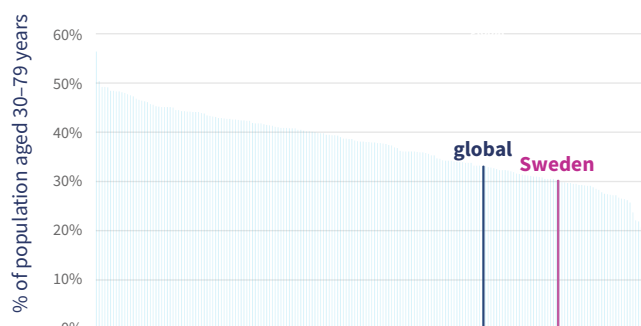
Total population (2019): 10 268 000

Total deaths (2019): 92 200

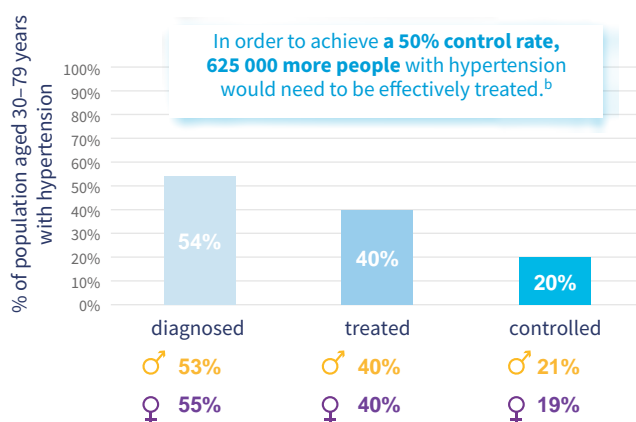
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 30% ♂ 36% ♀ 25%

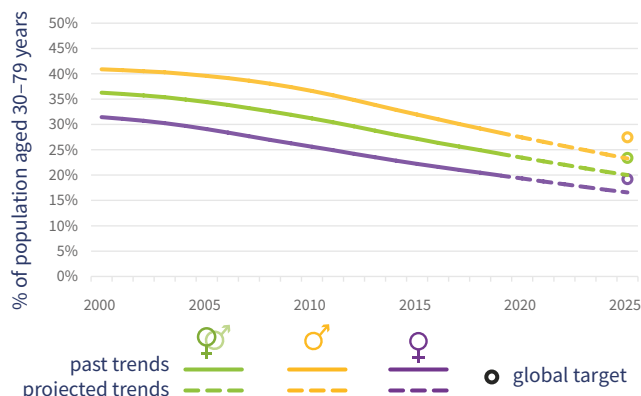
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



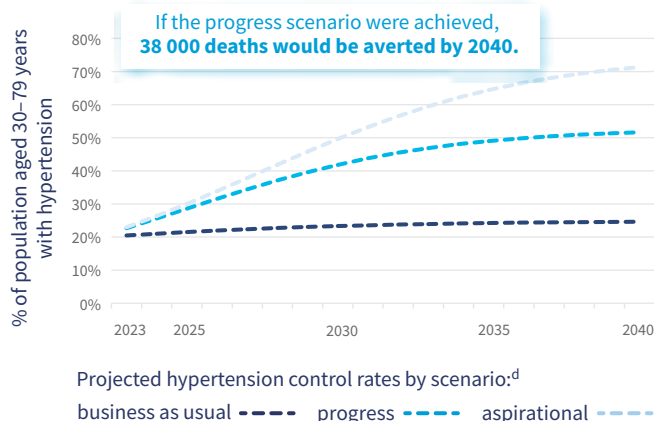
Of the 2.2 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	8	10	7	2019
Cardiovascular disease deaths	29 700	14 600	15 100	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	50	51	50	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	9	7	2019
Current tobacco use, adults aged 15+ years (%)	25	31	19	2019
Obesity, adults aged 18+ years (%)	21	23	18	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	9	14	4	2019
Physical inactivity, adults aged 18+ years (%)	23	22	25	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake no data  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✓

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Switzerland

## Hypertension profile

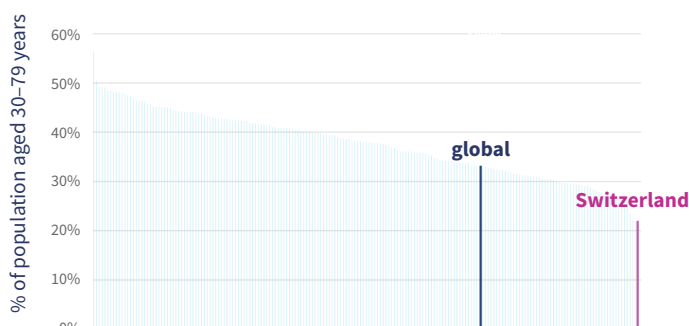
Total population (2019): 8 576 000

Total deaths (2019): 69 100

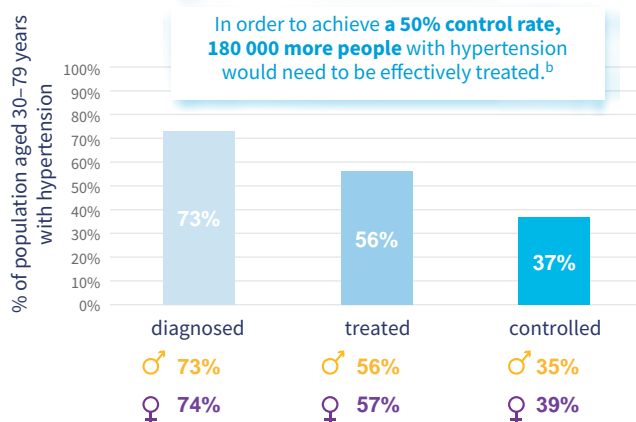
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 22% ♂ 26% ♀ 18%

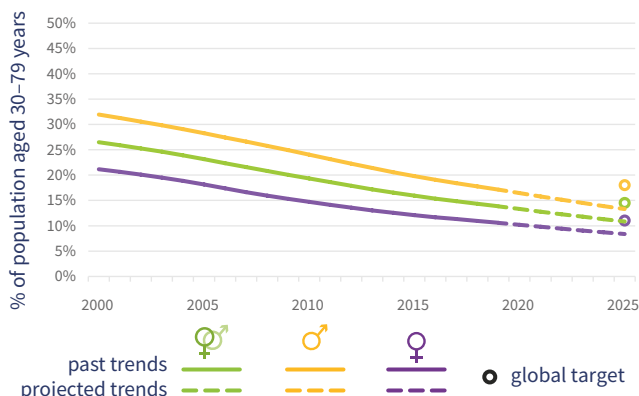
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



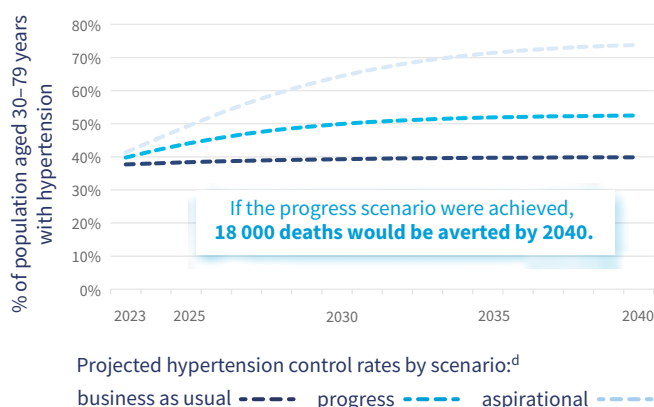
Of the **1.5 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	8	10	6	2019
Cardiovascular disease deaths	21 300	9700	11 600	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	46	47	46	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	9	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	26	28	23	2019
Obesity, adults aged 18+ years (%)	20	22	17	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	10	16	5	2019
Physical inactivity, adults aged 18+ years (%)	24	22	26	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

✗  
✗

✓  
✗  
✓

✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.



# Syrian Arab Republic

## Hypertension profile

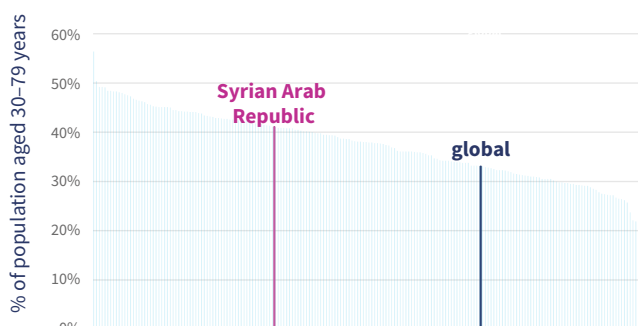
Total population (2019): 20 098 000

Total deaths (2019): 89 300

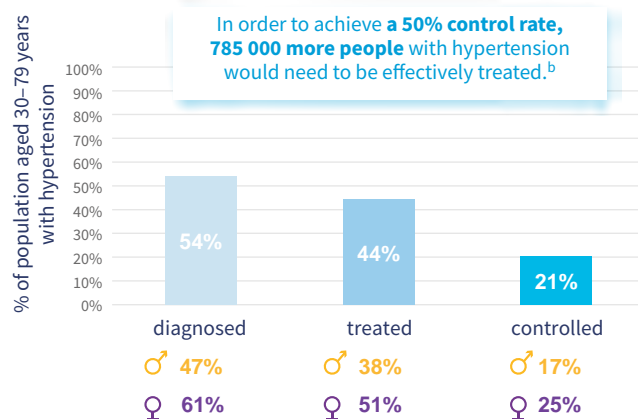
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 41% ♂ 42% ♀ 40%

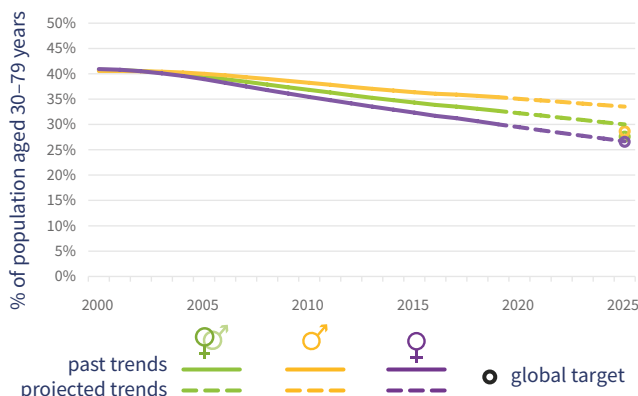
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



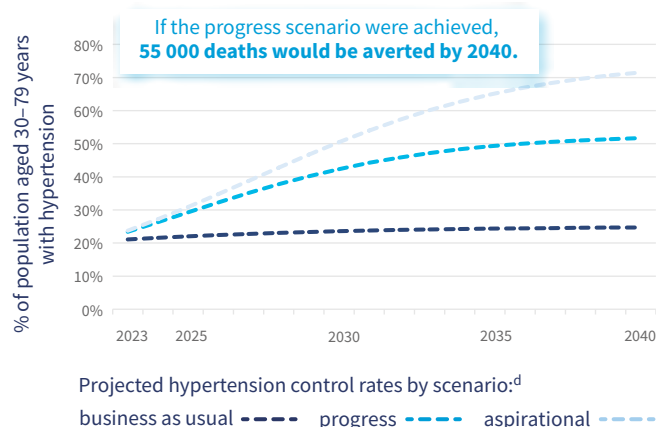
Of the **2.6 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	22	26	18	2019
Cardiovascular disease deaths	39 000	19 200	19 800	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	52	52	53	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	7	5	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	28	21	35	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Tajikistan

## Hypertension profile

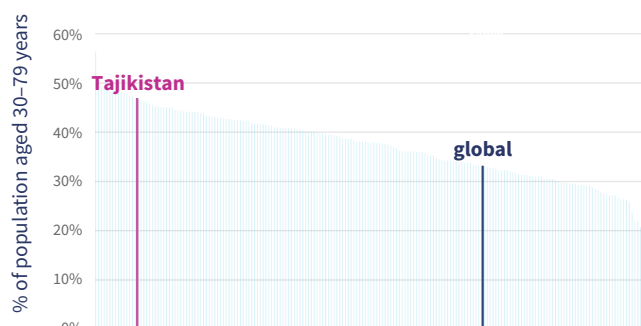
Total population (2019): 9 337 000

Total deaths (2019): 50 000

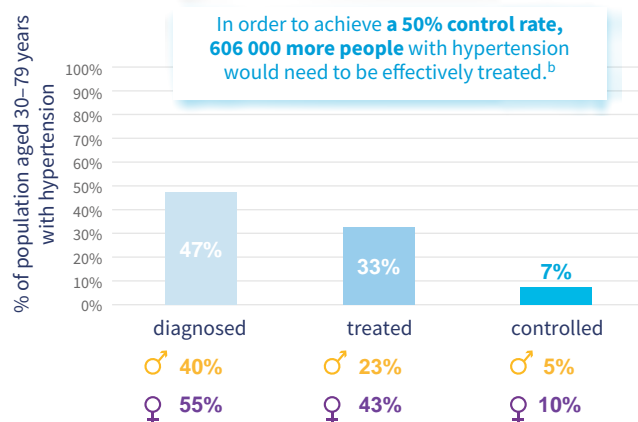
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 47% ♂ 51% ♀ 43%

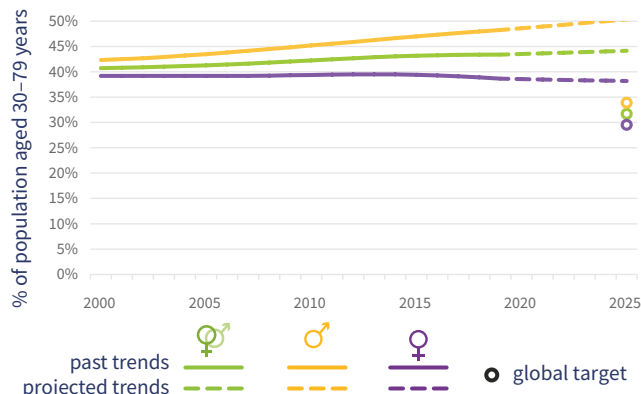
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



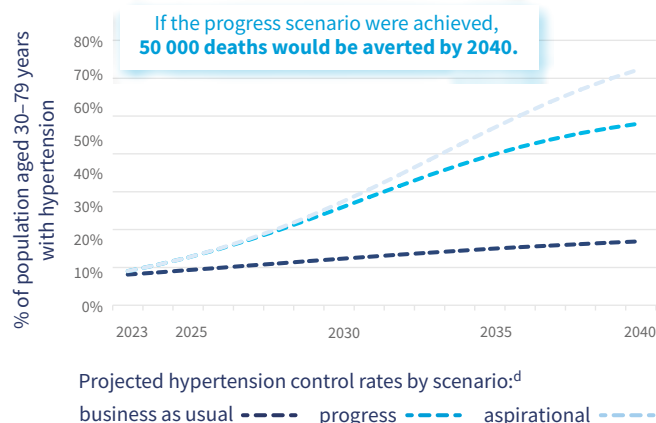
Of the **1.4 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	28	32	25	2019
Cardiovascular disease deaths	23 100	12 400	10 700	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	59	60	58	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	7	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	14	12	17	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	1	2	0	2019
Physical inactivity, adults aged 18+ years (%)	29	20	39	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Thailand

## Hypertension profile

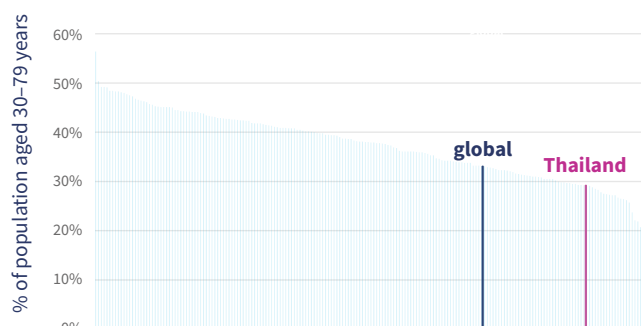
Total population (2019): 71 308 000

Total deaths (2019): 497 000

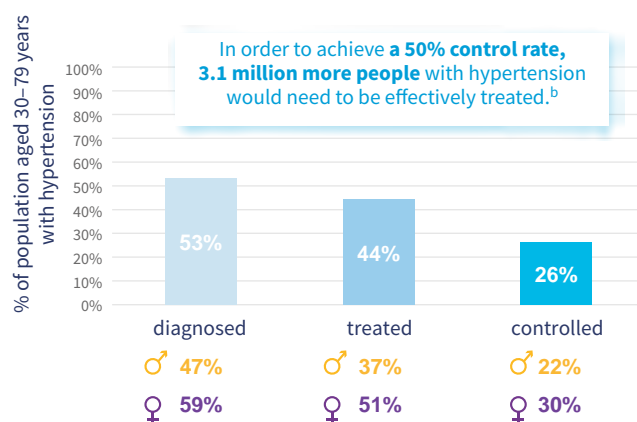
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 29% ♂ 29% ♀ 29%

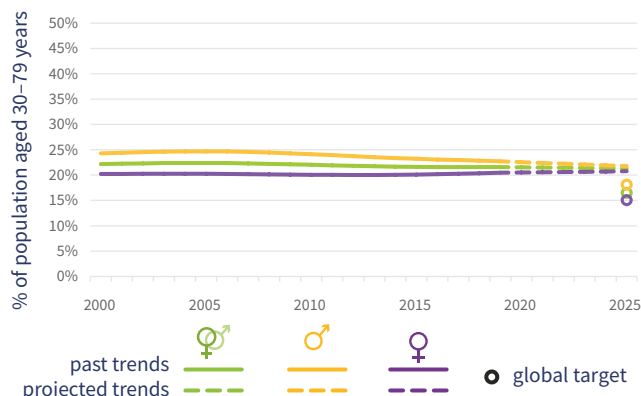
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



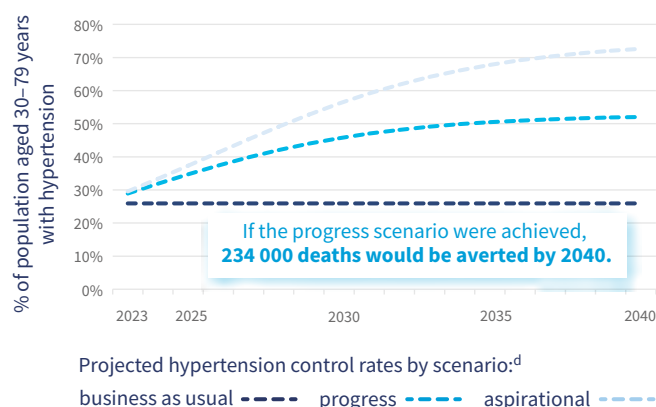
Of the **13.5 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual — progress — aspirational —

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	14	17	11	2019
Cardiovascular disease deaths	115 000	59 800	55 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	44	46	42	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	11	11	10	2019
Current tobacco use, adults aged 15+ years (%)	23	42	3	2019
Obesity, adults aged 18+ years (%)	10	7	13	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	8	13	3	2019
Physical inactivity, adults aged 18+ years (%)	25	22	27	2016

## National response

### Targets

National target for blood pressure ✓  
National target for salt consumption ✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake ✓  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✗

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Timor-Leste

## Hypertension profile

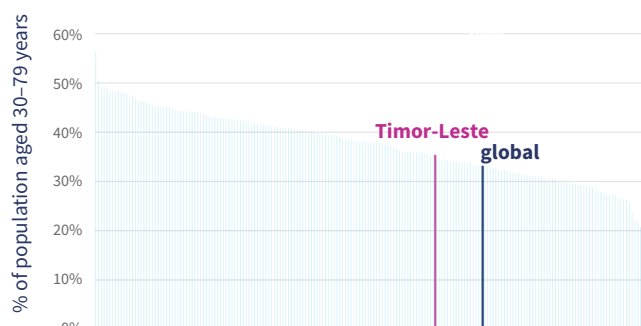
Total population (2019): 1 280 000

Total deaths (2019): 7550

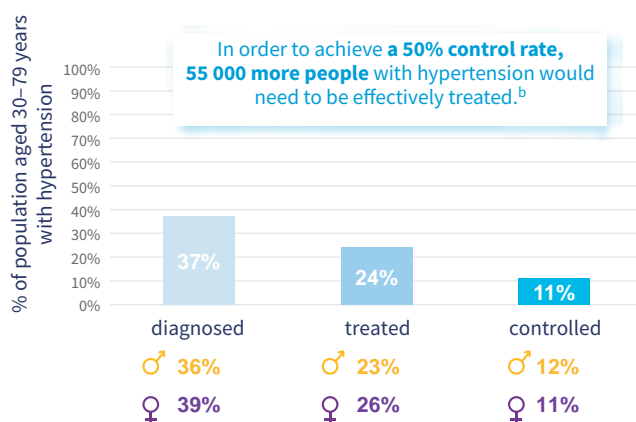
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 35% ♂ 34% ♀ 37%

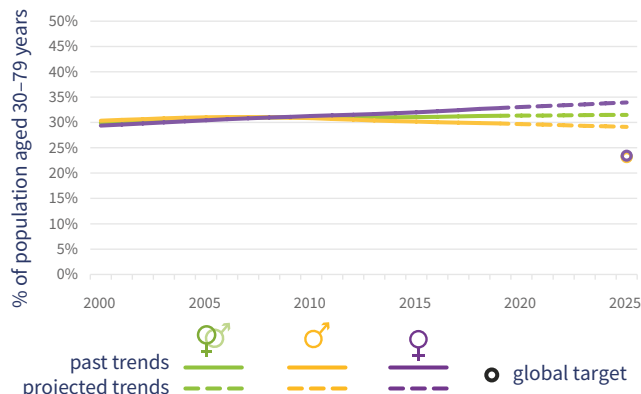
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



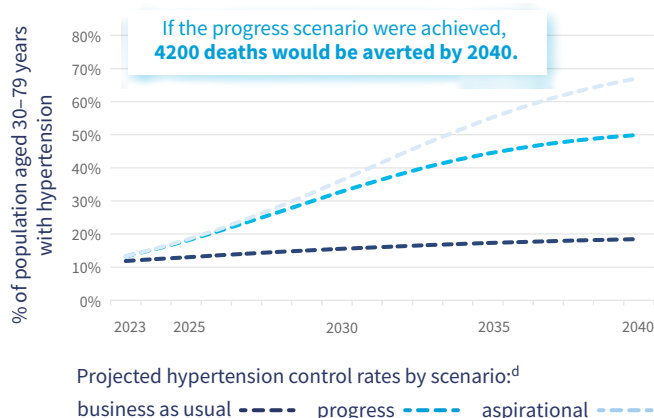
Of the **141 000** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual --- progress --- aspirational ---

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	20	21	18	2019
Cardiovascular disease deaths	2000	970	1000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	60	62	57	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	10	2019
Current tobacco use, adults aged 15+ years (%)	40	68	11	2019
Obesity, adults aged 18+ years (%)	4	3	5	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	1	0	2019
Physical inactivity, adults aged 18+ years (%)	18	10	25	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Togo

## Hypertension profile

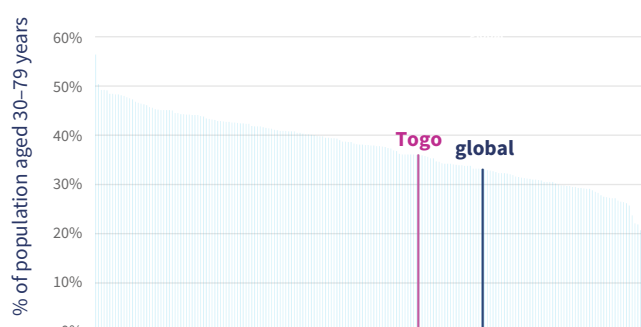
Total population (2019): 8 243 000

Total deaths (2019): 55 200

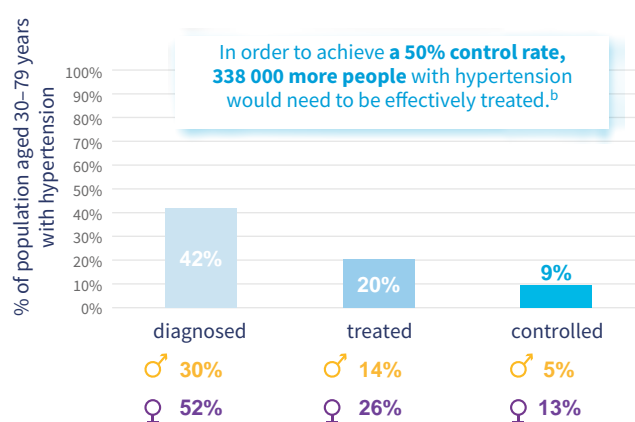
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 36% ♂ 34% ♀ 38%

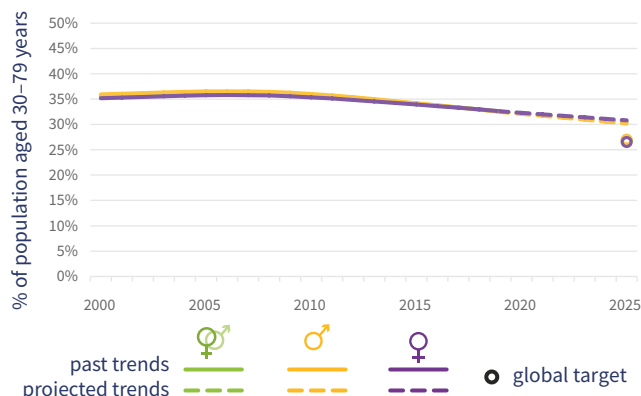
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



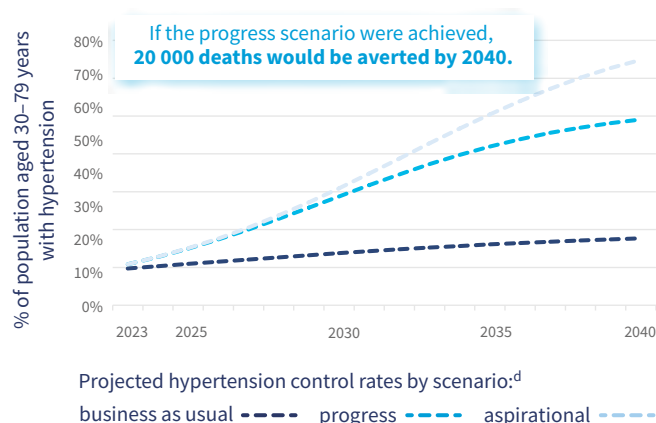
Of the **822 000** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

Probability of premature mortality from NCDs (%)

Cardiovascular disease deaths

Cardiovascular disease deaths attributable to high systolic blood pressure (%)

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	24	27	21	2019
Cardiovascular disease deaths	9300	5100	4200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	61	59	63	2019

## Risk factors<sup>e</sup>

Mean population salt intake, adults aged 25+ years (g/day)

Current tobacco use, adults aged 15+ years (%)

Obesity, adults aged 18+ years (%)

Total alcohol per capita consumption, adults aged 15+ years (litres)

Physical inactivity, adults aged 18+ years (%)

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%)	7	13	1	2019
Obesity, adults aged 18+ years (%)	8	4	13	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	1	2	1	2019
Physical inactivity, adults aged 18+ years (%)	10	9	10	2016

## National response

### Targets

National target for blood pressure

National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension

Conducted recent, national survey on salt/sodium intake

Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Tonga

## Hypertension profile

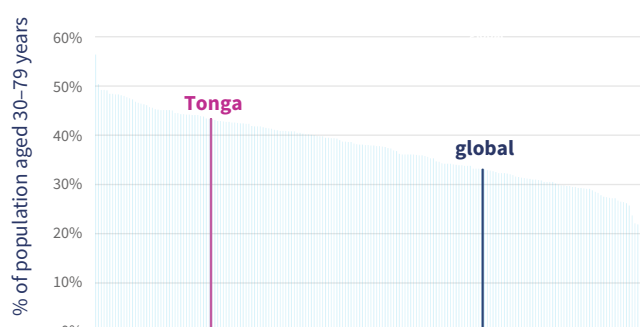
Total population (2019): 105 000

Total deaths (2019): 620

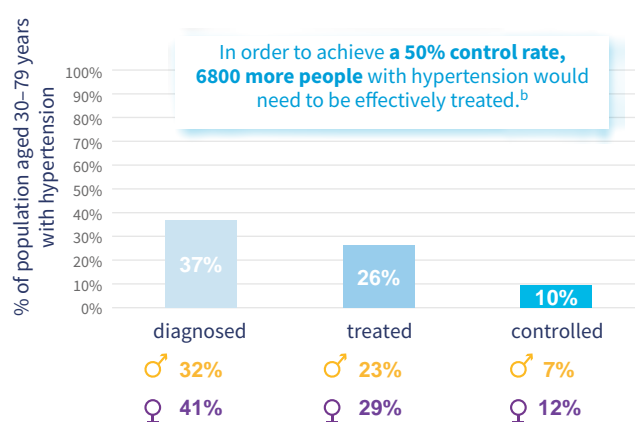
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 43% ♂ 40% ♀ 47%

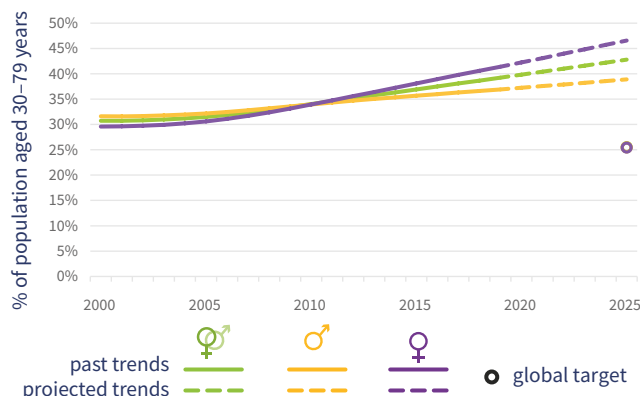
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



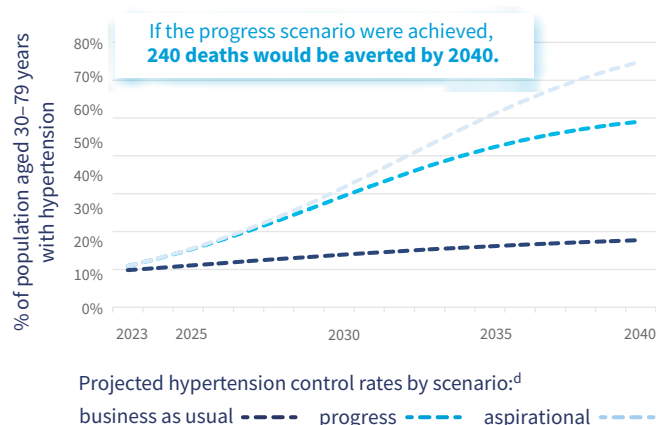
Of the 17 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	25	30	20	2019
Cardiovascular disease deaths	150	90	60	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	54	55	52	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	31	47	15	2019
Obesity, adults aged 18+ years (%)	48	41	55	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	1	0	2019
Physical inactivity, adults aged 18+ years (%)	17	8	26	2016

## National response

### Targets

- National target for blood pressure
- National target for salt consumption

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension
- Conducted recent, national survey on salt/sodium intake
- Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

- Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Trinidad and Tobago

## Hypertension profile

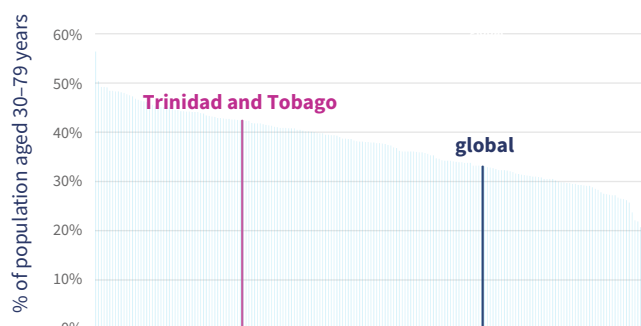
Total population (2019): 1 520 000

Total deaths (2019): 9440

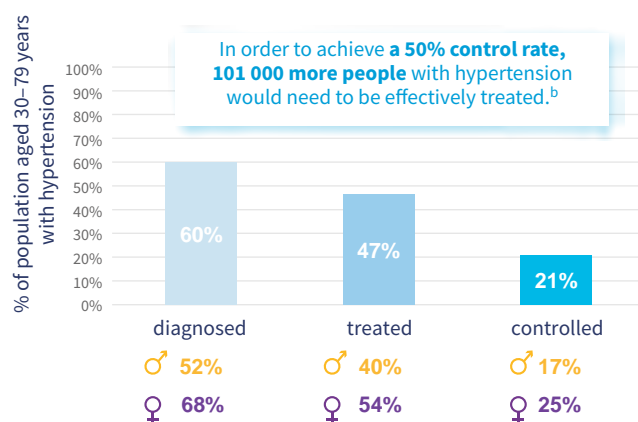
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 42% ♂ 43% ♀ 42%

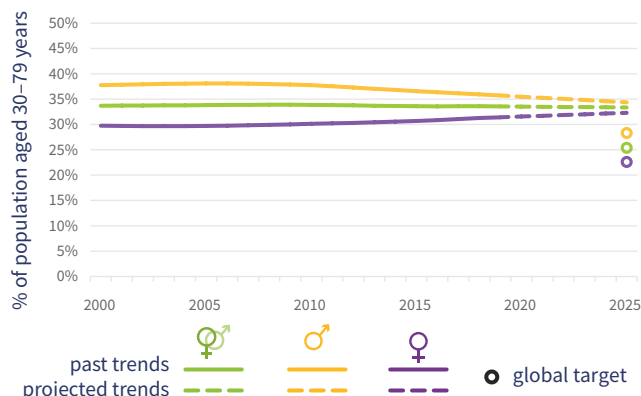
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



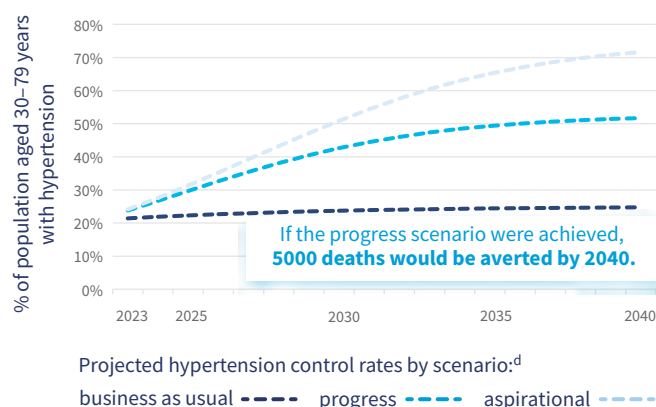
Of the 354 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual --- progress - - - aspirational - - -

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	17	20	14	2019
Cardiovascular disease deaths	2800	1600	1200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	57	64	50	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	19	11	26	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	6	10	2	2019
Physical inactivity, adults aged 18+ years (%)	38	27	49	2016

## National response

### Targets

National target for blood pressure ✓  
National target for salt consumption ✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✗  
Conducted recent, national survey on salt/sodium intake ✗  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✗

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.



# Tunisia

## Hypertension profile

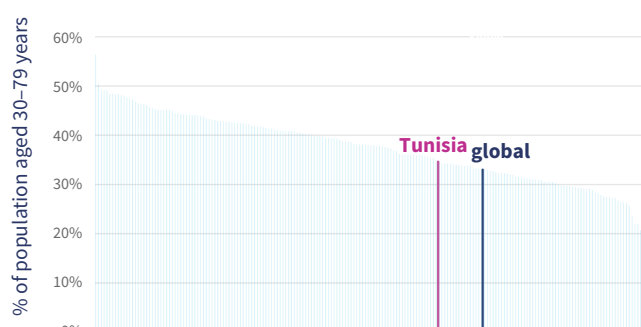
Total population (2019): 12 049 000

Total deaths (2019): 67 600

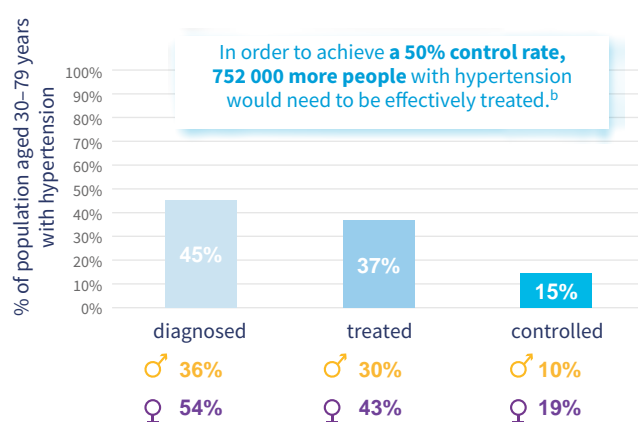
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 35% ♂ 35% ♀ 35%

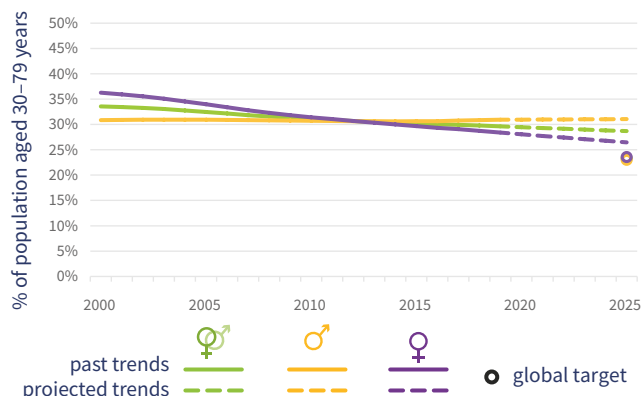
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



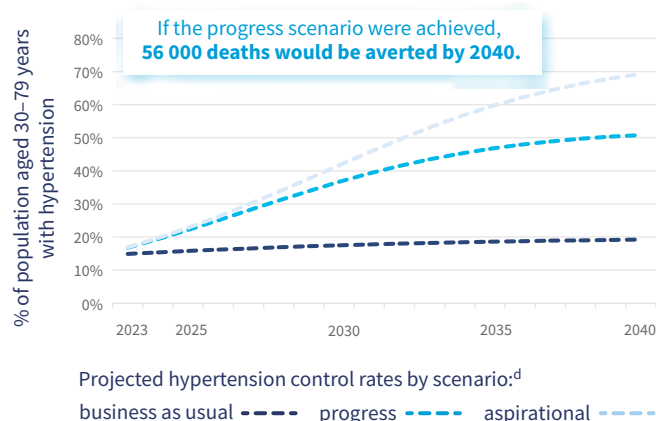
Of the **2.1 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual — business as usual — progress — aspirational —

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	16	19	12	2019
Cardiovascular disease deaths	33 900	17 300	16 600	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	51	50	53	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	7	5	2019
Current tobacco use, adults aged 15+ years (%)	25	48	2	2019
Obesity, adults aged 18+ years (%)	27	19	34	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	4	0	2019
Physical inactivity, adults aged 18+ years (%)	30	26	34	2016

## National response

### Targets

National target for blood pressure ✓  
National target for salt consumption ✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake ✓  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✗

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Türkiye

## Hypertension profile

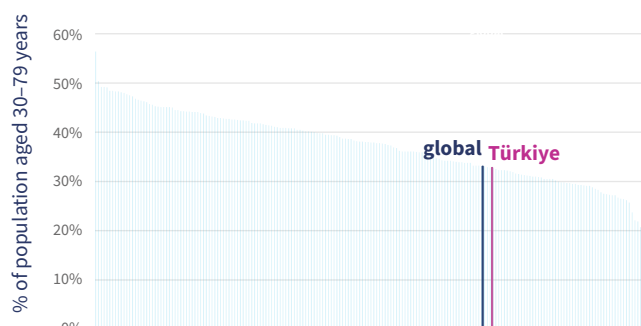
Total population (2019): 83 482 000

Total deaths (2019): 432 000

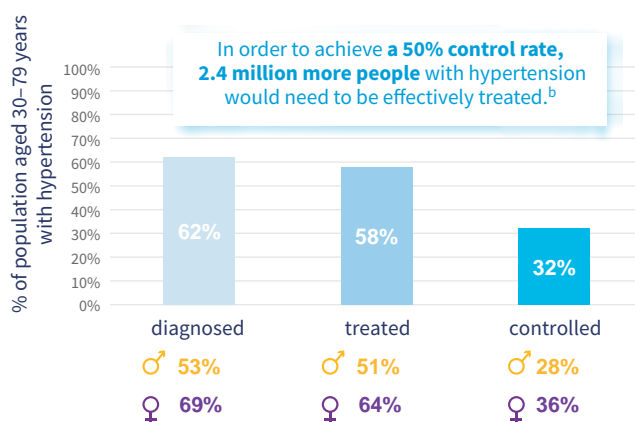
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 33% ♂ 31% ♀ 34%

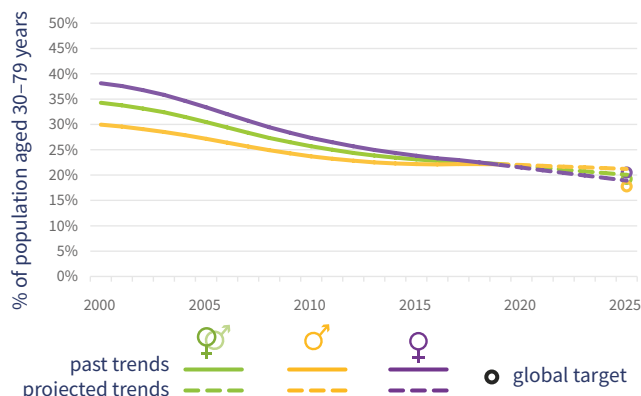
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



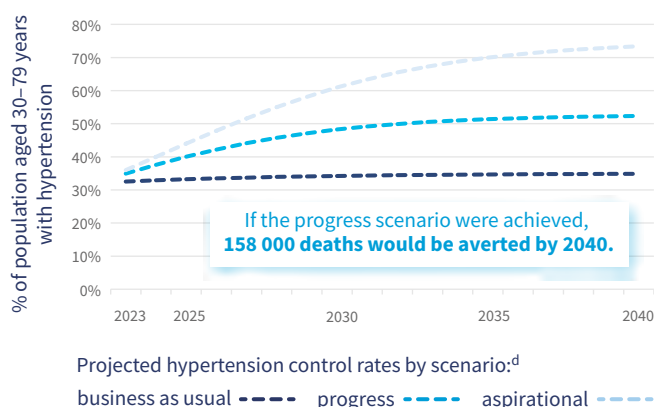
Of the **13.8 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	16	21	11	2019
Cardiovascular disease deaths	155 000	67 000	88 500	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	55	53	56	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	5	6	4	2019
Current tobacco use, adults aged 15+ years (%)	31	43	19	2019
Obesity, adults aged 18+ years (%)	32	24	39	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	3	0	2019
Physical inactivity, adults aged 18+ years (%)	31	22	39	2016

## National response

### Targets

National target for blood pressure ✓  
National target for salt consumption ✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake ✓  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✓

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Turkmenistan

## Hypertension profile

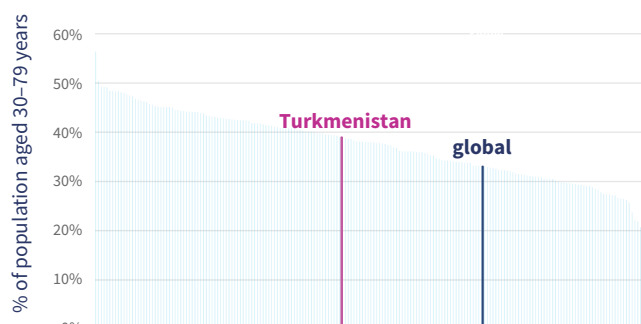
Total population (2019): 6 158 000

Total deaths (2019): 36 900

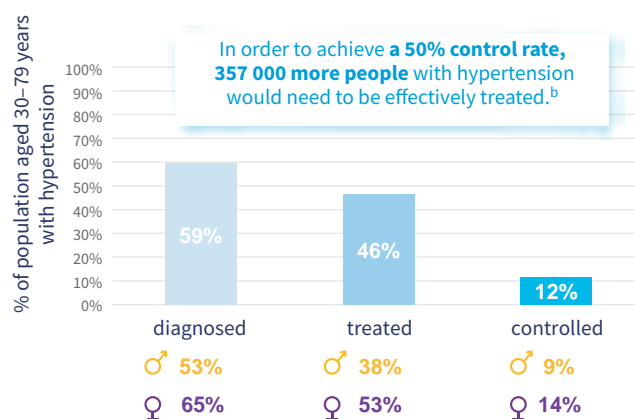
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 39% ♂ 38% ♀ 40%

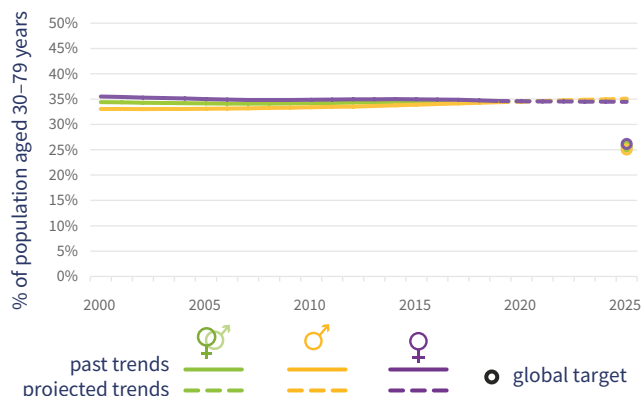
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



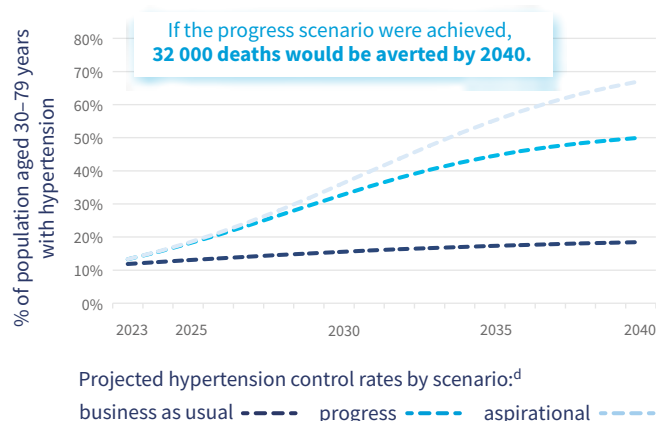
Of the 917 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	28	34	22	2019
Cardiovascular disease deaths	16 300	8500	7800	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	60	61	59	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	7	2019
Current tobacco use, adults aged 15+ years (%)	6	11	1	2019
Obesity, adults aged 18+ years (%)	19	16	21	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	3	5	1	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

- National target for blood pressure ✓
- National target for salt consumption ✓

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension ✓
- Conducted recent, national survey on salt/sodium intake ✓
- Functioning system for generating reliable cause-specific mortality data on a routine basis ✓

### Treatment

- Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Tuvalu

## Hypertension profile

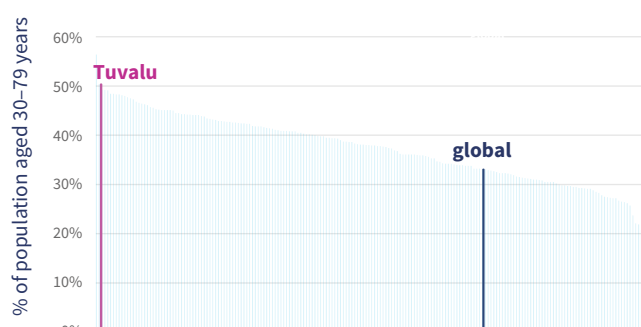
Total population (2019): 11 000

Total deaths (2019): no data

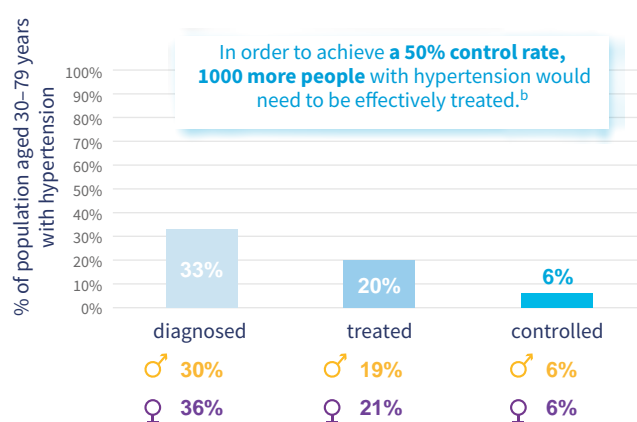
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 50% ♂ 49% ♀ 51%

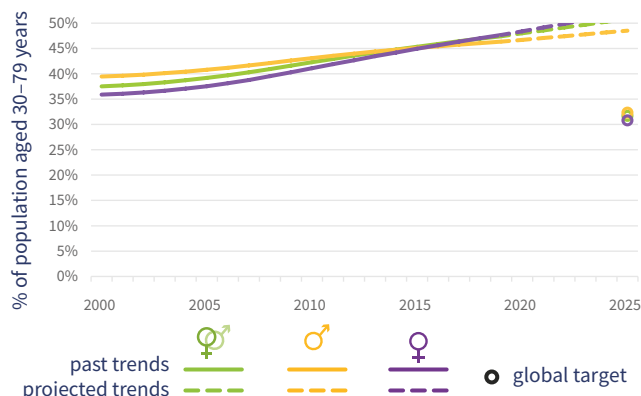
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



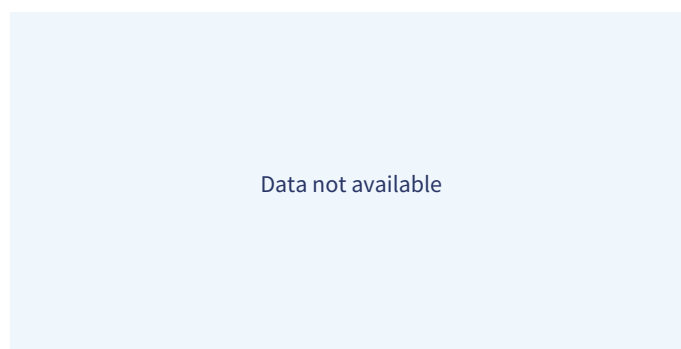
Of the 2300 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	no data	no data	no data	2019
Cardiovascular disease deaths	no data	no data	no data	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	52	53	52	2019

## Risk factors<sup>d</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>e</sup>	36	50	22	2019
Obesity, adults aged 18+ years (%)	52	47	56	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	1	2	0	2019
Physical inactivity, adults aged 18+ years (%)	27	18	37	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

✓  
✗

### Treatment

Guidelines for management of hypertension

✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

✗  
✗  
✗

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Age-standardized estimates are presented for all indicators except salt intake. e. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Uganda

## Hypertension profile

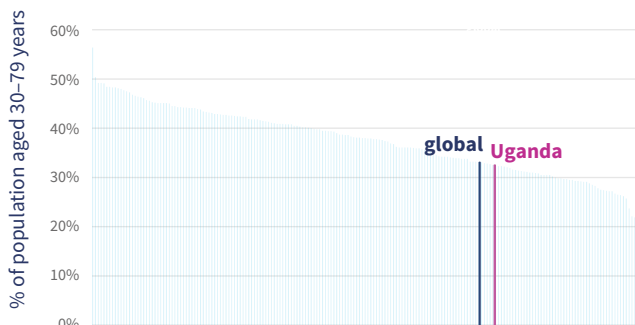
Total population (2019): 42 949 000

Total deaths (2019): 228 000

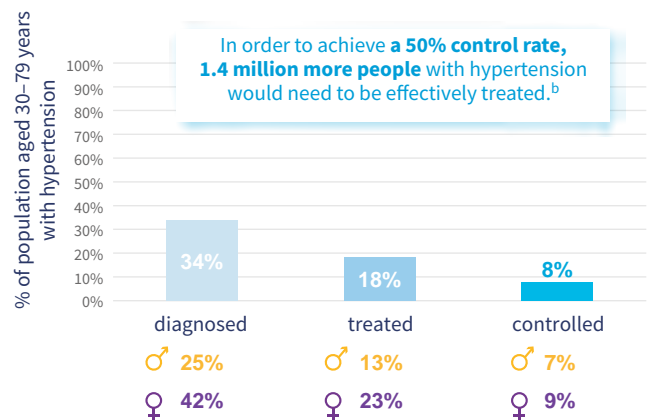
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 33% ♂ 31% ♀ 34%

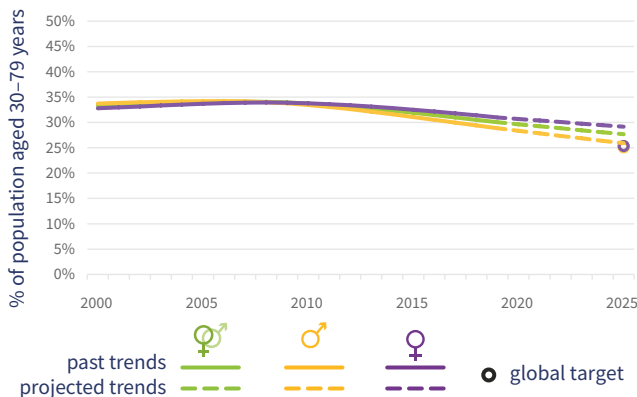
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



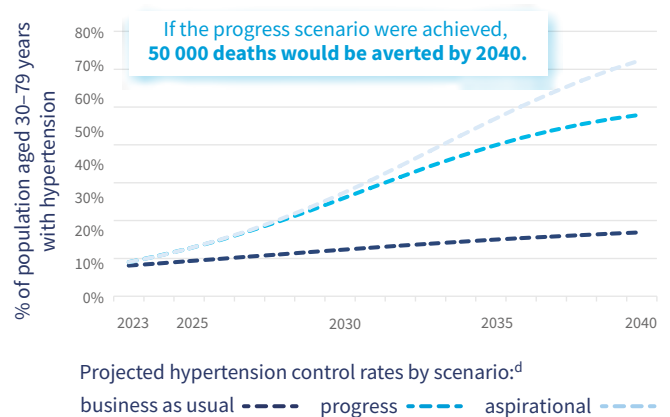
Of the 3.2 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	21	25	18	2019
Cardiovascular disease deaths	25 900	13 300	12 600	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	59	55	63	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	6	8	2019
Current tobacco use, adults aged 15+ years (%)	9	14	4	2019
Obesity, adults aged 18+ years (%)	5	2	9	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	12	20	5	2019
Physical inactivity, adults aged 18+ years (%)	6	5	6	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Ukraine

## Hypertension profile

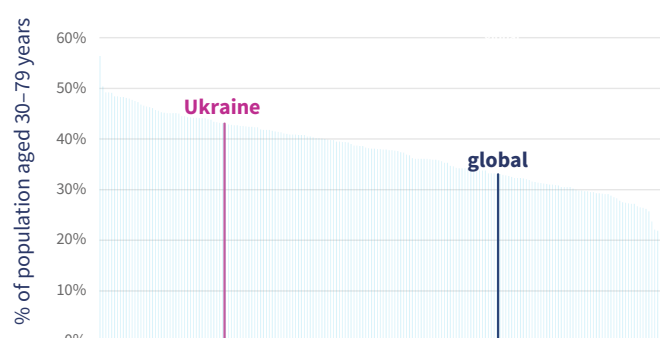
Total population (2019): 44 211 000

Total deaths (2019): 594 000

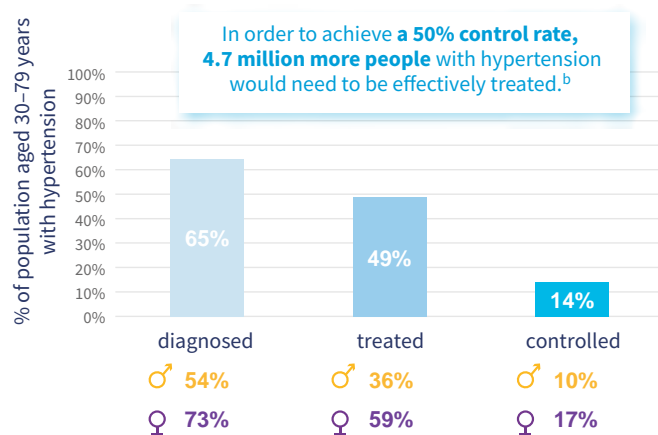
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 43% ♂ 45% ♀ 42%

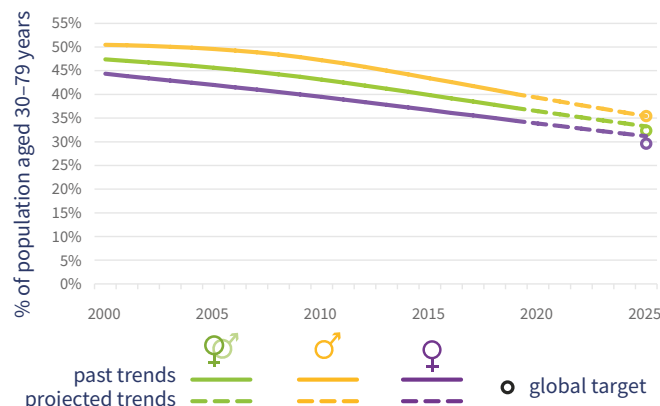
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



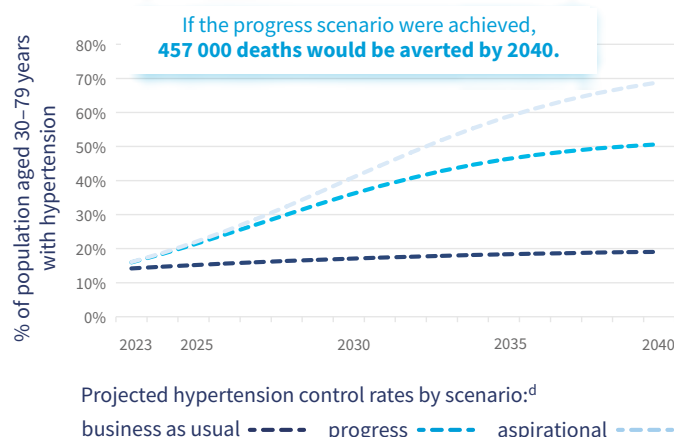
Of the **13.2 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

Probability of premature mortality from NCDs (%)

Cardiovascular disease deaths

Cardiovascular disease deaths attributable to high systolic blood pressure (%)

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	26	37	16	2019
Cardiovascular disease deaths	383 000	168 000	214 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	53	55	51	2019

## Risk factors<sup>e</sup>

Mean population salt intake, adults aged 25+ years (g/day)

Current tobacco use, adults aged 15+ years (%)

Obesity, adults aged 18+ years (%)

Total alcohol per capita consumption, adults aged 15+ years (litres)

Physical inactivity, adults aged 18+ years (%)

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%)	26	41	12	2019
Obesity, adults aged 18+ years (%)	24	22	26	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	9	15	4	2019
Physical inactivity, adults aged 18+ years (%)	20	19	20	2016

## National response

### Targets

National target for blood pressure

National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension

Conducted recent, national survey on salt/sodium intake

Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP  $< 140$  mmHg and DBP  $< 90$  mmHg. c. SBP  $\geq 140$  mmHg or DBP  $\geq 90$  mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake

# United Arab Emirates

## Hypertension profile

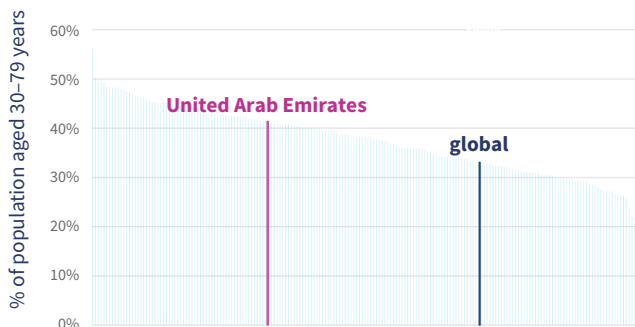
Total population (2019): 9 212 000

Total deaths (2019): 20 900

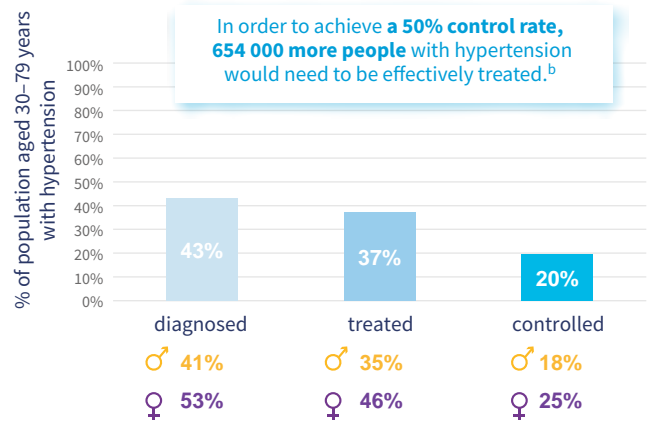
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 41% ♂ 44% ♀ 35%

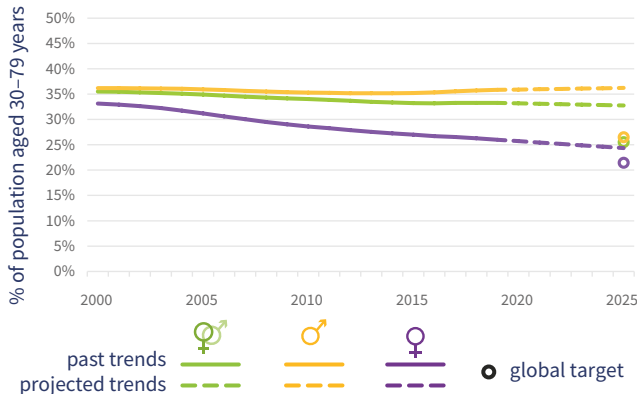
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



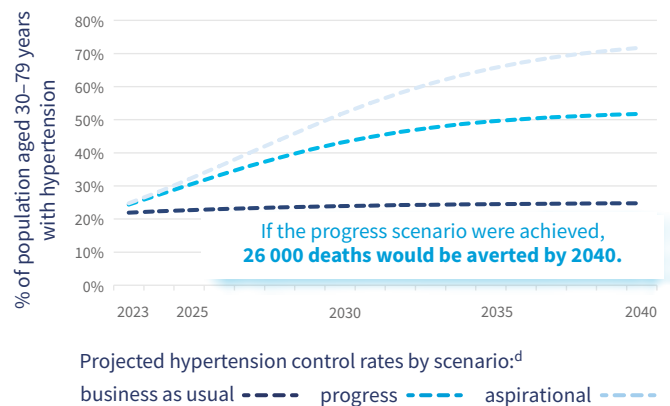
Of the **1.8 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	19	20	15	2019
Cardiovascular disease deaths	7600	6100	1500	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	61	61	59	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	5	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	32	28	41	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	3	0	2019
Physical inactivity, adults aged 18+ years (%)	41	39	49	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.



# United Kingdom of Great Britain and Northern Ireland

Total population (2019): 66 779 000

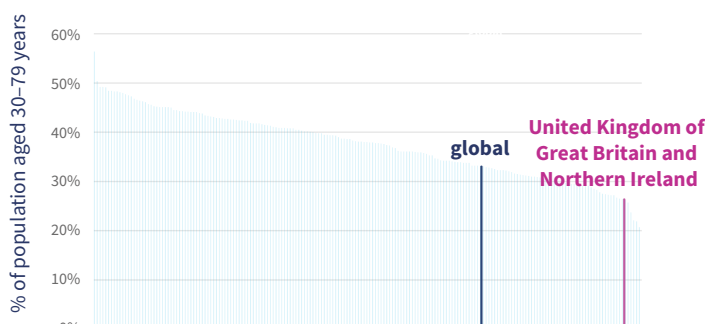
## Hypertension profile

Total deaths (2019): 615 000

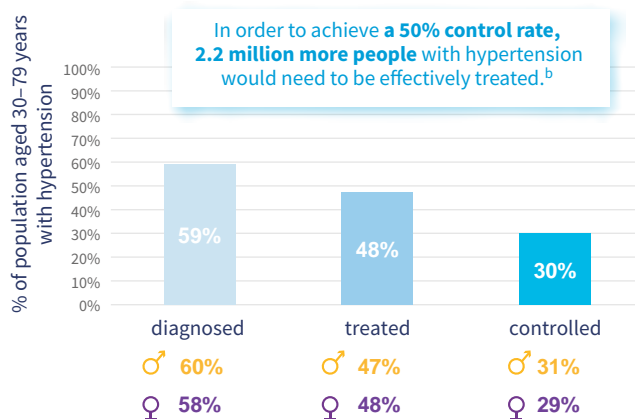
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 26% ♂ 30% ♀ 23%

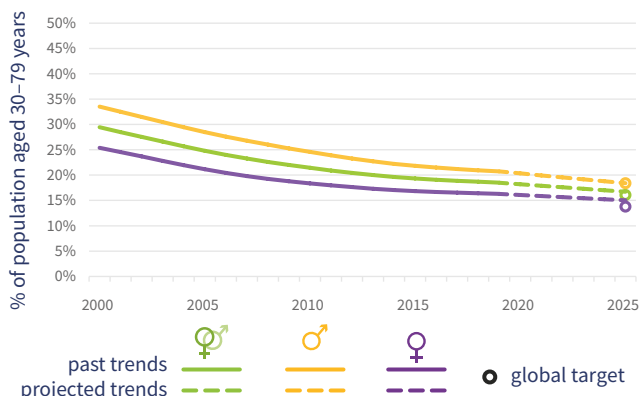
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



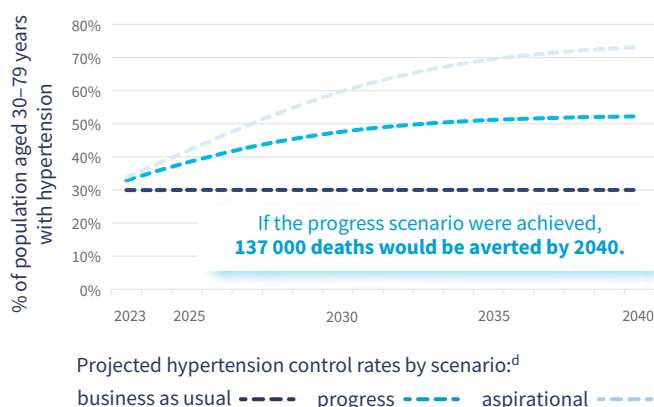
Of the **12.6 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	10	12	9	2019
Cardiovascular disease deaths	146 000	76 600	69 300	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	44	45	43	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	8	6	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	16	18	14	2019
Obesity, adults aged 18+ years (%)	28	27	29	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	11	17	5	2019
Physical inactivity, adults aged 18+ years (%)	36	32	40	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# United Republic of Tanzania

## Hypertension profile

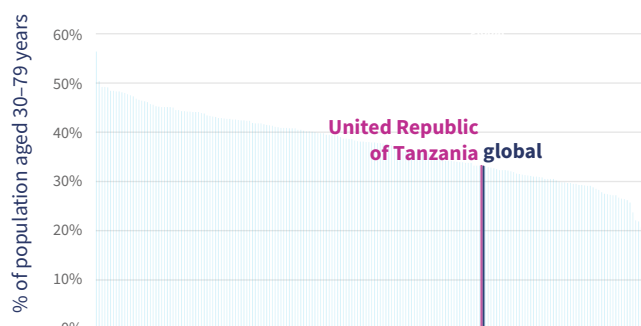
Total population (2019): 59 873 000

Total deaths (2019): 322 000

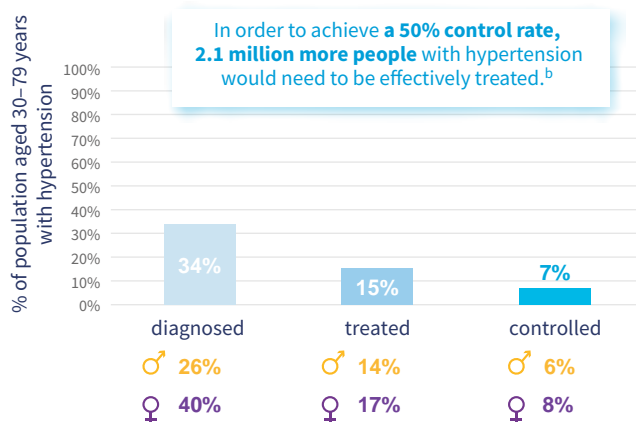
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 33% ♂ 31% ♀ 35%

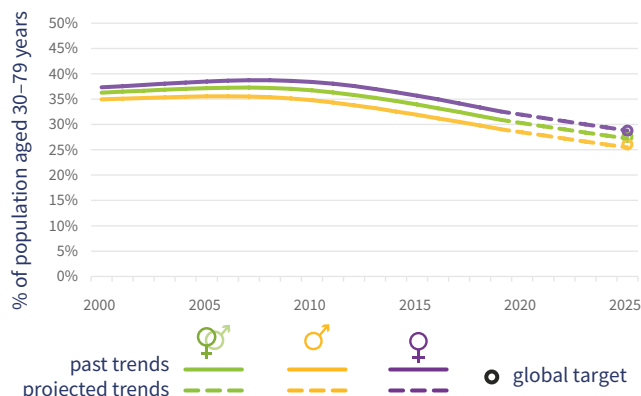
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



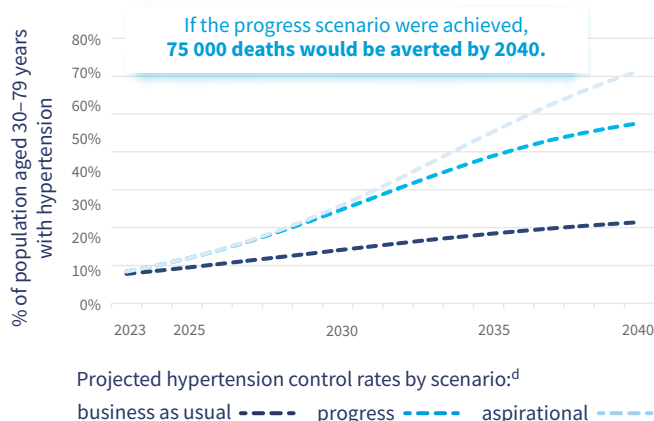
Of the **4.9 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	17	18	17	2019
Cardiovascular disease deaths	39 500	19 100	20 400	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	65	71	58	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	8	8	2019
Current tobacco use, adults aged 15+ years (%)	9	15	4	2019
Obesity, adults aged 18+ years (%)	8	4	13	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	10	18	4	2019
Physical inactivity, adults aged 18+ years (%)	6	6	7	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# United States of America

## Hypertension profile

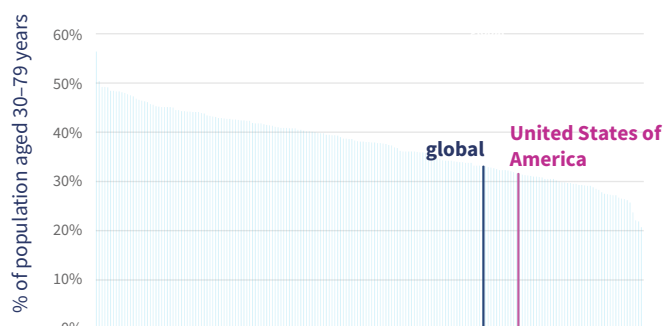
Total population (2019): 334 300 000

Total deaths (2019): 2 949 000

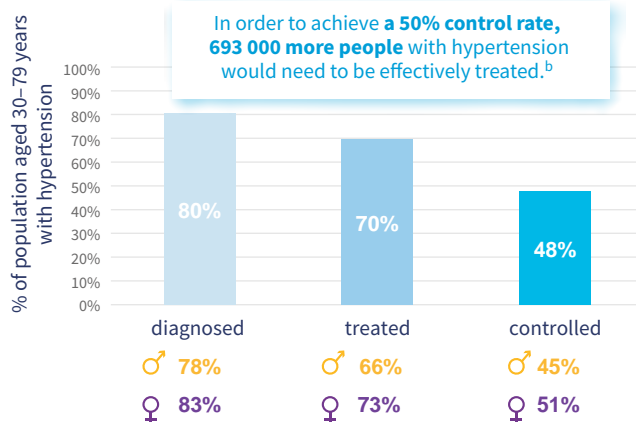
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 32% ♂ 34% ♀ 29%

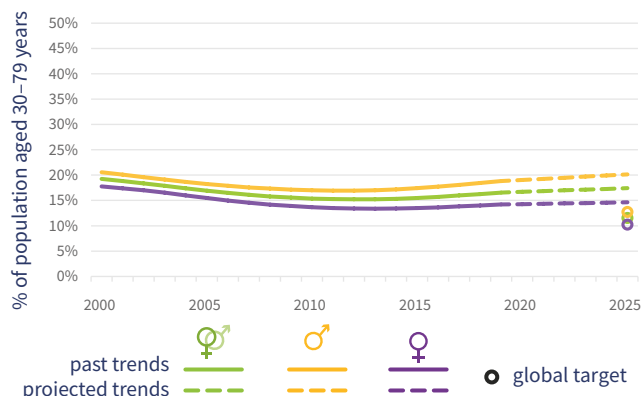
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



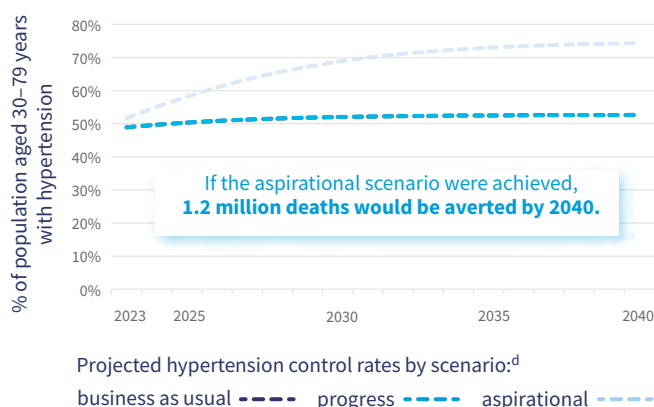
Of the **69.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	14	16	11	2019
Cardiovascular disease deaths	873 000	449 000	425 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	44	43	46	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	8	2019
Current tobacco use, adults aged 15+ years (%)	23	29	18	2019
Obesity, adults aged 18+ years (%)	36	36	37	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	10	15	4	2019
Physical inactivity, adults aged 18+ years (%)	40	32	48	2016

## National response

### Targets

National target for blood pressure ✓  
National target for salt consumption ✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake ✓  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✓

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Uruguay

## Hypertension profile

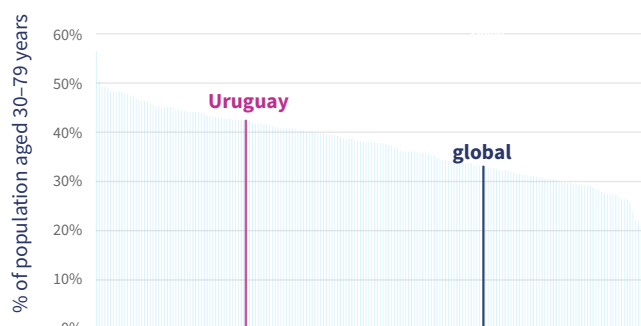
Total population (2019): 3 428 000

Total deaths (2019): 34 800

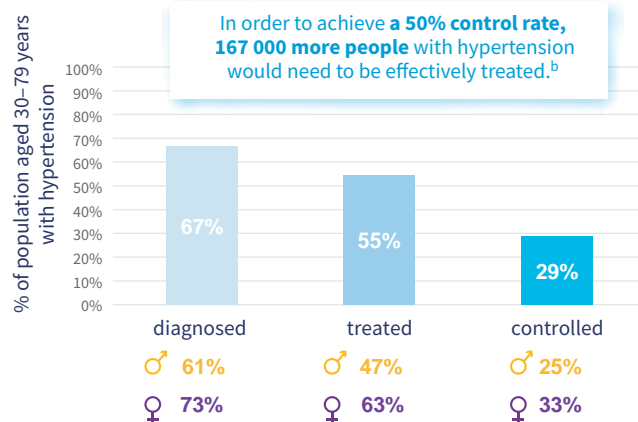
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 42% ♂ 46% ♀ 39%

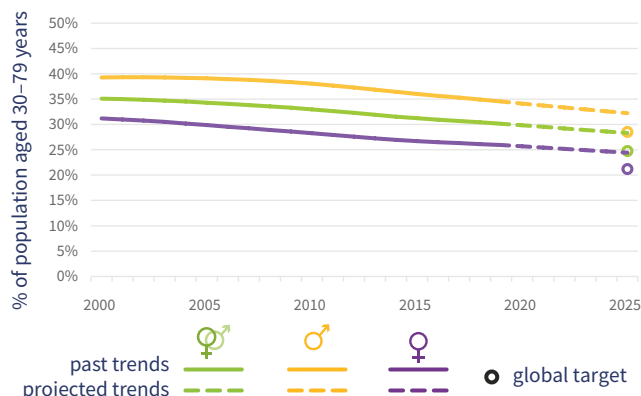
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



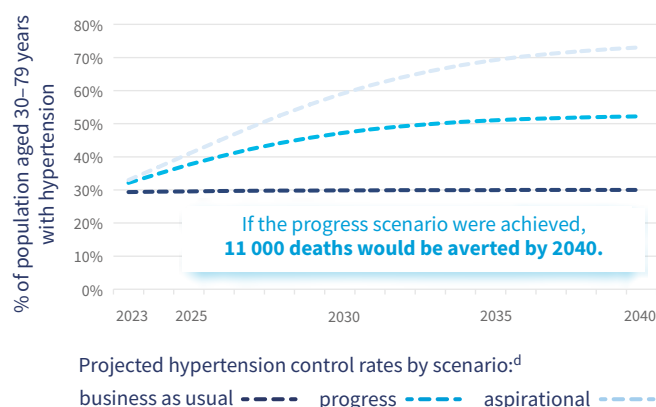
Of the 857 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	16	21	13	2019
Cardiovascular disease deaths	9500	4400	5000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	48	49	48	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	8	2019
Current tobacco use, adults aged 15+ years (%)	22	25	19	2019
Obesity, adults aged 18+ years (%)	28	25	31	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	5	9	2	2019
Physical inactivity, adults aged 18+ years (%)	22	19	26	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

✗  
✓

✗  
✗  
✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Uzbekistan

## Hypertension profile

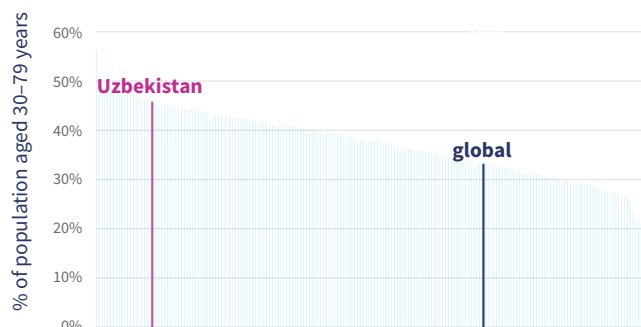
Total population (2019): 32 977 000

Total deaths (2019): 170 000

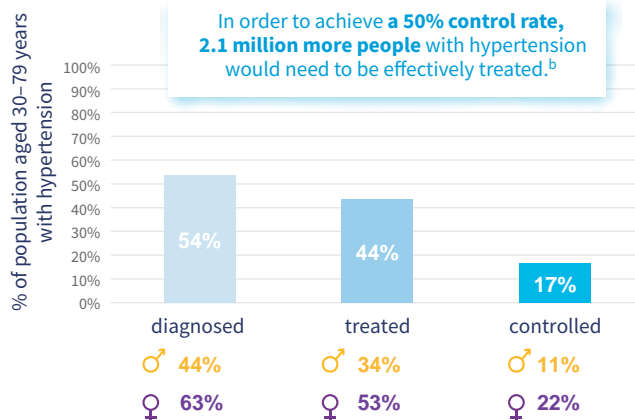
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 46% ♂ 47% ♀ 45%

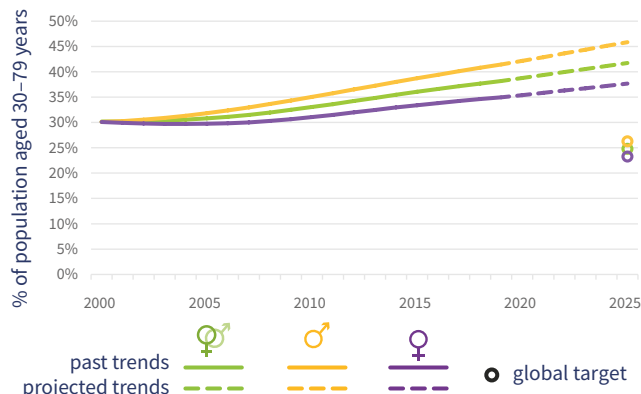
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



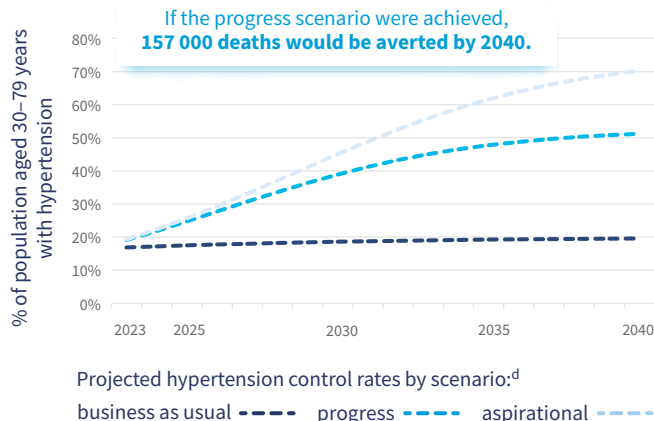
Of the **6.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	25	30	21	2019
Cardiovascular disease deaths	97 100	51 000	46 200	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	57	58	55	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	9	10	7	2019
Current tobacco use, adults aged 15+ years (%)	18	35	1	2019
Obesity, adults aged 18+ years (%)	17	14	19	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	3	5	1	2019
Physical inactivity, adults aged 18+ years (%)	19	13	24	2016

## National response

### Targets

National target for blood pressure ✓  
National target for salt consumption ✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake ✓  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✓

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Vanuatu

## Hypertension profile

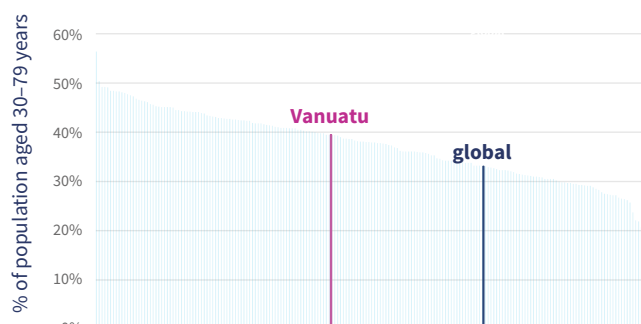
Total population (2019): 304 000

Total deaths (2019): 2130

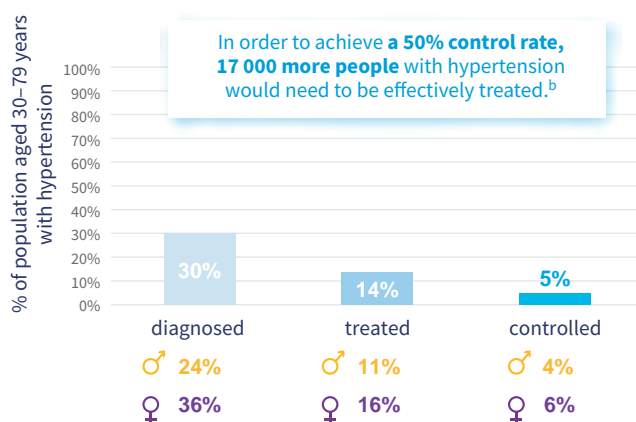
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 40% ♂ 37% ♀ 42%

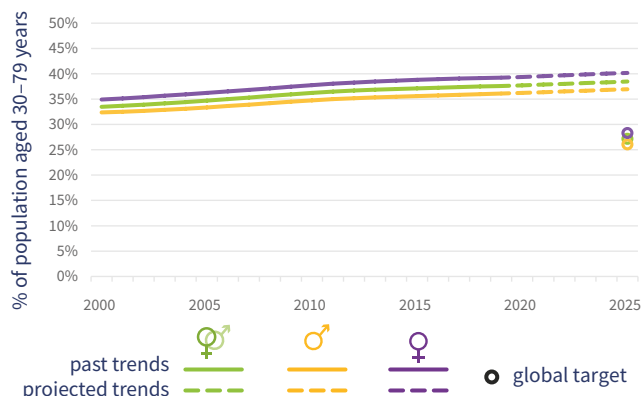
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



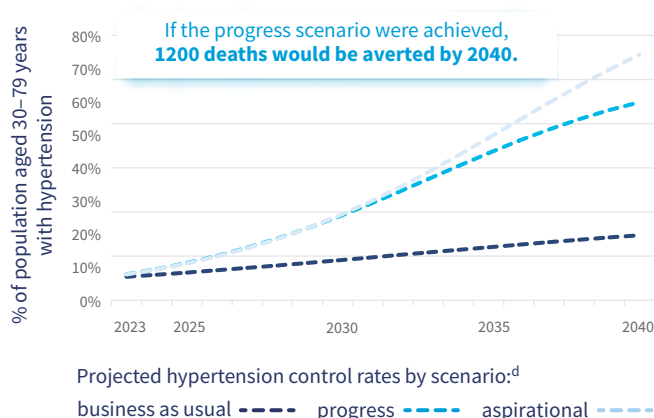
Of the 37 000 adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	40	45	34	2019
Cardiovascular disease deaths	860	530	330	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	63	62	65	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	7	7	2019
Current tobacco use, adults aged 15+ years (%) <sup>f</sup>	18	34	3	2019
Obesity, adults aged 18+ years (%)	25	20	30	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	2	3	1	2019
Physical inactivity, adults aged 18+ years (%)	8	7	9	2016

## National response

### Targets

- National target for blood pressure ✓
- National target for salt consumption ✓

### Surveillance

- Conducted recent, national survey measuring raised blood pressure/hypertension ✗
- Conducted recent, national survey on salt/sodium intake ✗
- Functioning system for generating reliable cause-specific mortality data on a routine basis ✗

### Treatment

- Guidelines for management of hypertension ✗

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake. f. Data refer to tobacco smoking only, in the absence of sufficient data on all tobacco use.

# Venezuela (Bolivarian Republic of)

## Hypertension profile

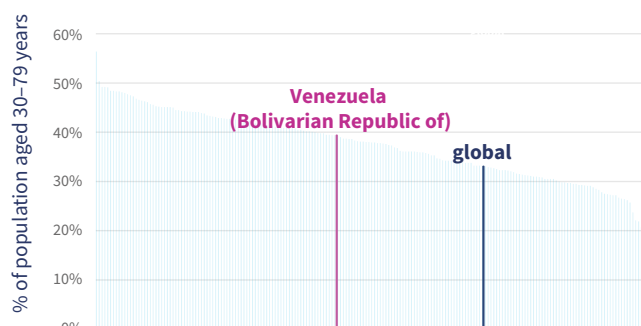
Total population (2019): 28 972 000

Total deaths (2019): 172 000

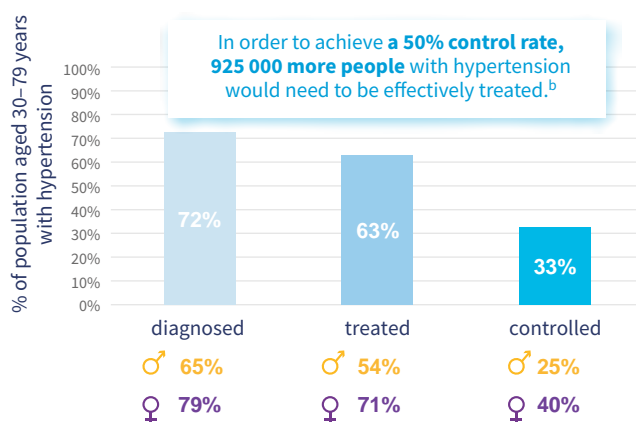
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 39% ♂ 40% ♀ 39%

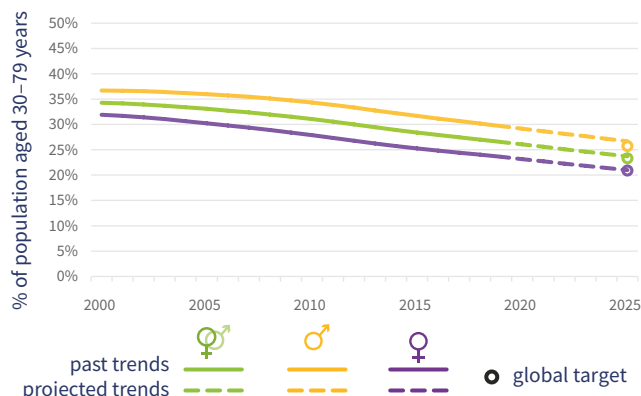
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



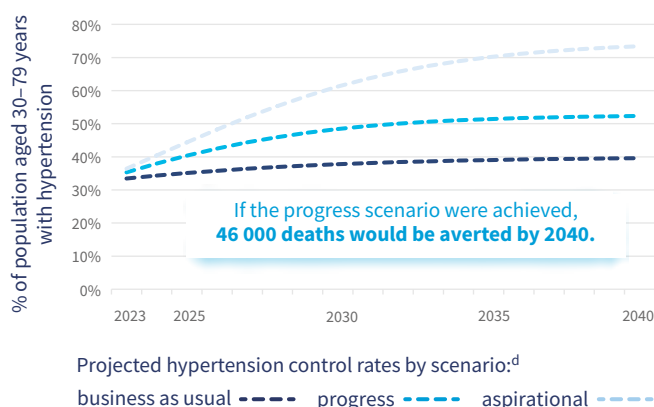
Of the **5.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	15	17	13	2019
Cardiovascular disease deaths	47 000	24 900	22 100	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	60	62	57	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	9	2019
Current tobacco use, adults aged 15+ years (%)	no data	no data	no data	2019
Obesity, adults aged 18+ years (%)	26	22	29	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	3	5	1	2019
Physical inactivity, adults aged 18+ years (%)	31	29	33	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.



# Viet Nam

## Hypertension profile

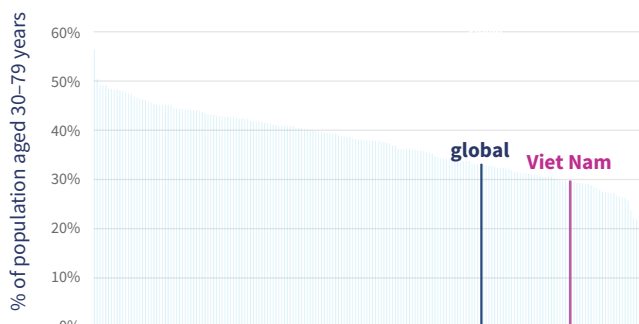
Total population (2019): 95 777 000

Total deaths (2019): 728 000

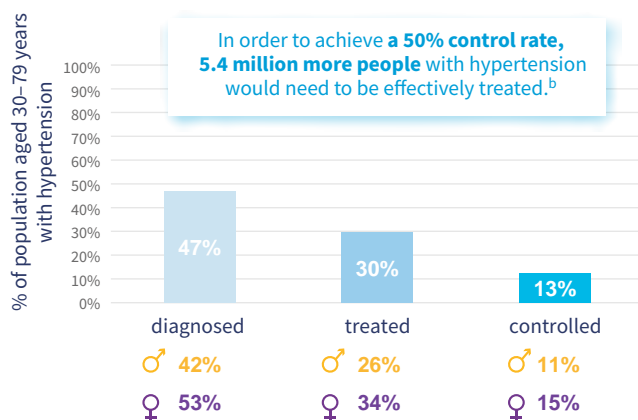
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 30% ♂ 33% ♀ 26%

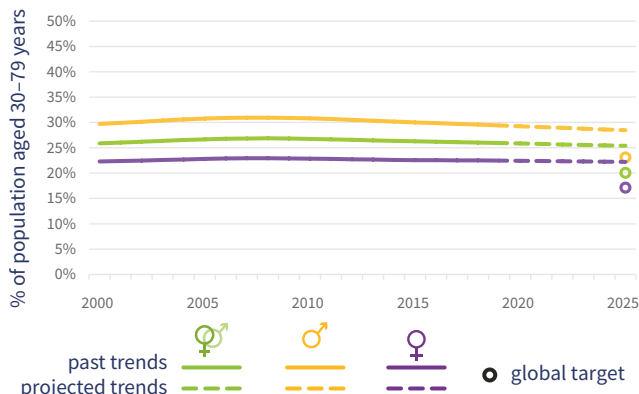
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



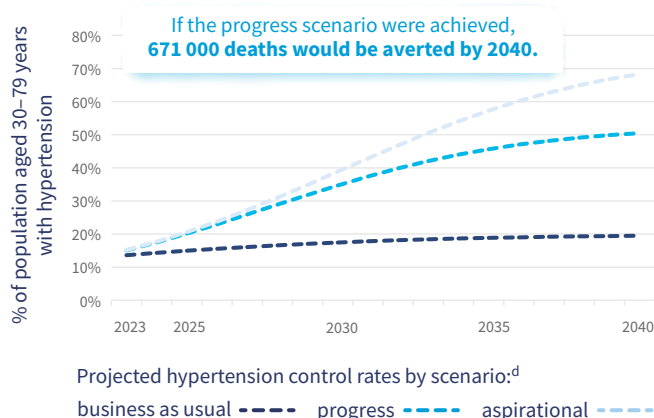
Of the **14.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	21	29	14	2019
Cardiovascular disease deaths	287 000	154 000	133 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	60	62	57	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	10	11	10	2019
Current tobacco use, adults aged 15+ years (%)	25	48	2	2019
Obesity, adults aged 18+ years (%)	2	2	3	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	9	15	4	2019
Physical inactivity, adults aged 18+ years (%)	25	20	31	2016

## National response

### Targets

National target for blood pressure ✓  
National target for salt consumption ✓

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension ✓  
Conducted recent, national survey on salt/sodium intake ✓  
Functioning system for generating reliable cause-specific mortality data on a routine basis ✗

### Treatment

Guidelines for management of hypertension ✓

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Yemen

## Hypertension profile

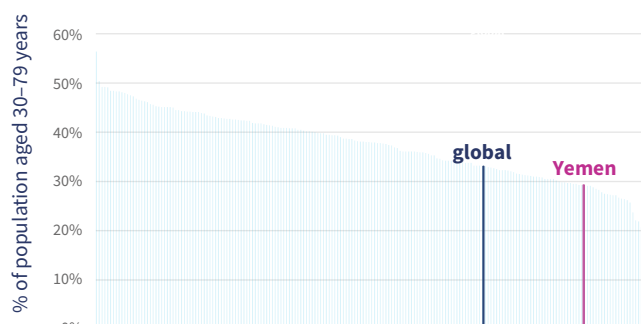
Total population (2019): 31 547 000

Total deaths (2019): 170 000

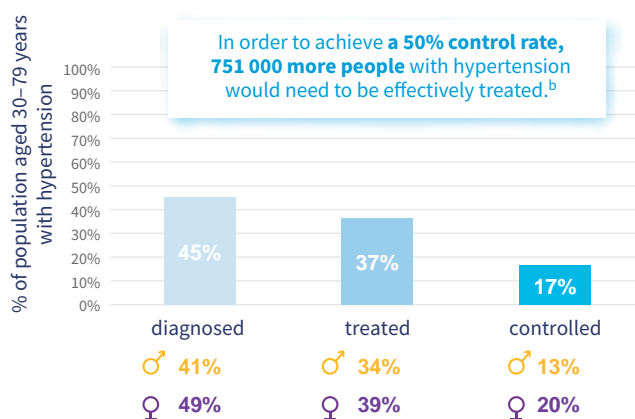
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 29% ♂ 29% ♀ 30%

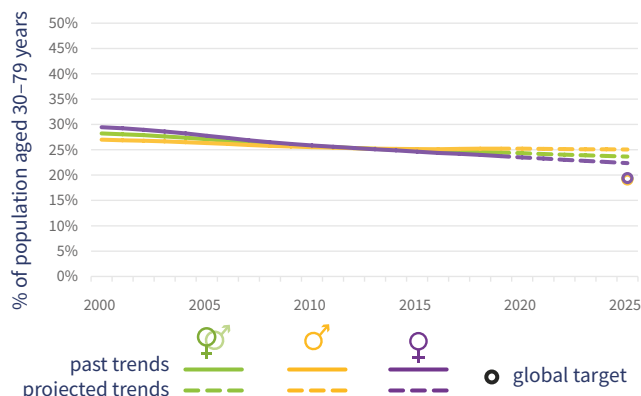
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



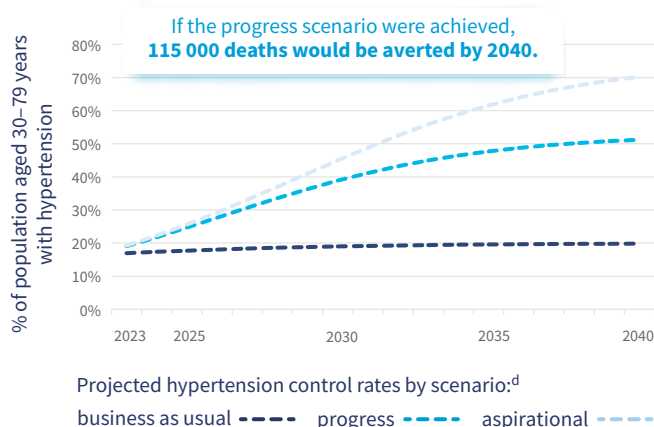
Of the 2.2 million adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual --- progress --- aspirational ---

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	28	31	25	2019
Cardiovascular disease deaths	52 600	27 100	25 600	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	52	49	56	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	6	7	5	2019
Current tobacco use, adults aged 15+ years (%)	21	33	8	2019
Obesity, adults aged 18+ years (%)	17	12	22	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	0	0	0	2019
Physical inactivity, adults aged 18+ years (%)	no data	no data	no data	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Zambia

## Hypertension profile

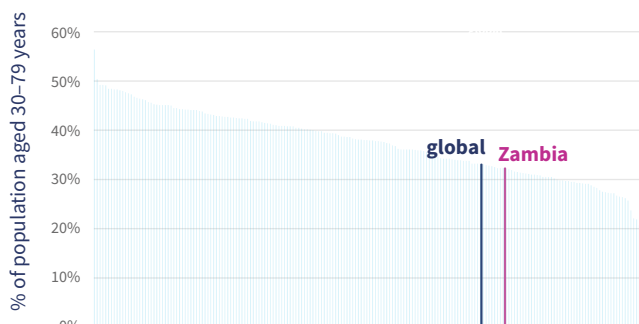
Total population (2019): 18 380 000

Total deaths (2019): 121 000

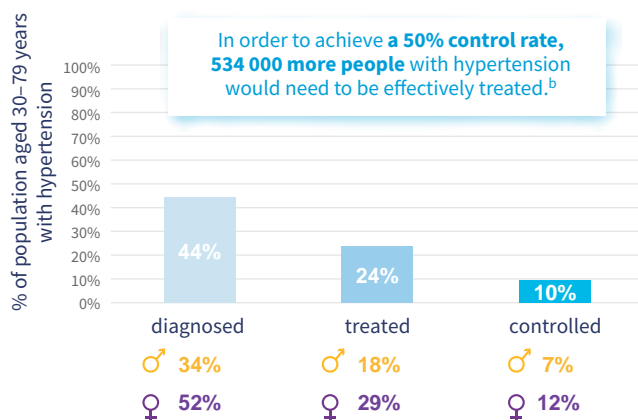
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 32% ♂ 30% ♀ 34%

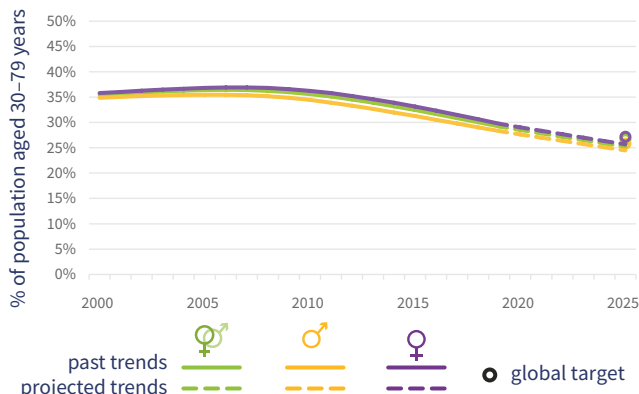
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



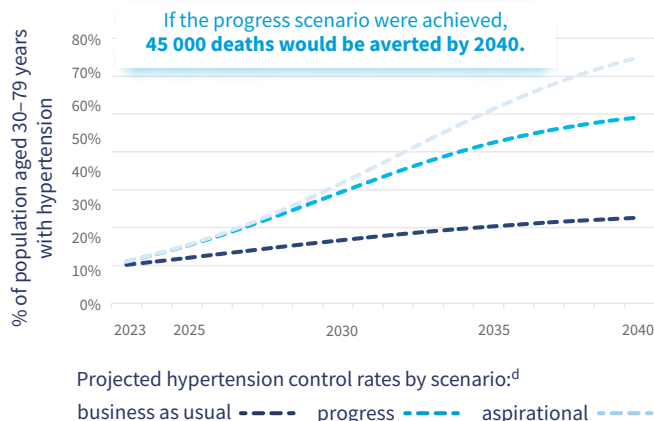
Of the **1.3 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	25	29	21	2019
Cardiovascular disease deaths	16 700	8800	7900	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	52	52	52	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	7	6	8	2019
Current tobacco use, adults aged 15+ years (%)	15	25	4	2019
Obesity, adults aged 18+ years (%)	8	4	12	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	4	6	1	2019
Physical inactivity, adults aged 18+ years (%)	22	19	25	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension

Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.

# Zimbabwe

## Hypertension profile

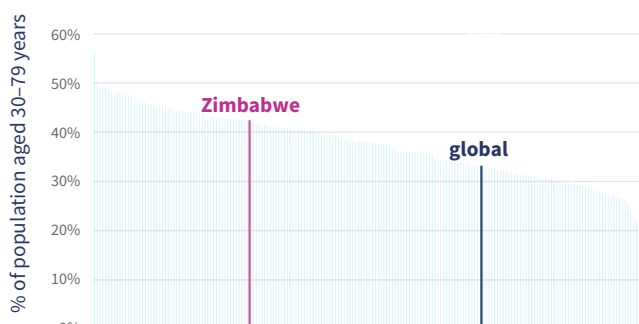
Total population (2019): 15 355 000

Total deaths (2019): 118 000

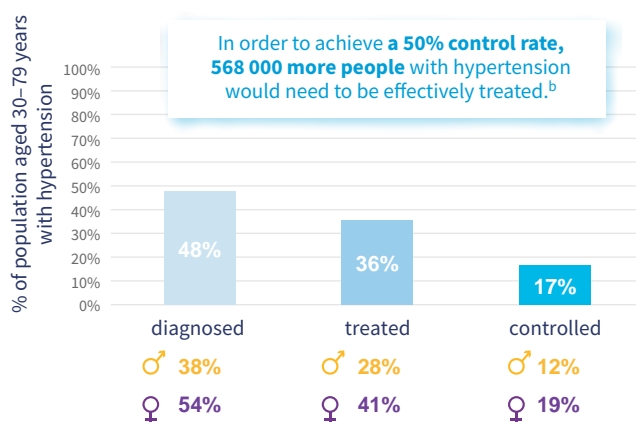
Age-standardized prevalence of hypertension among adults aged 30–79 years (2019)<sup>a</sup>

♀ 42% ♂ 37% ♀ 46%

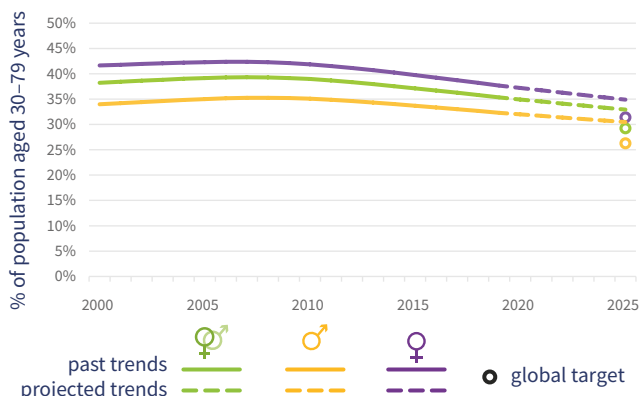
### Prevalence of hypertension – global comparison (both sexes)<sup>a</sup>



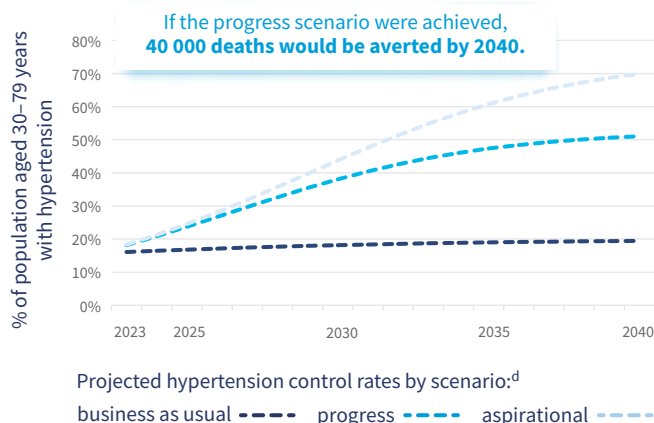
Of the **1.6 million** adults aged 30–79 years with hypertension:



### Trends in uncontrolled hypertension in adults aged 30–79 years<sup>c</sup>



### Hypertension control rate scenarios



Projected hypertension control rates by scenario:<sup>d</sup>

business as usual --- progress --- aspirational ---

## Mortality

	both sexes	males	females	year
Probability of premature mortality from NCDs (%)	28	30	27	2019
Cardiovascular disease deaths	17 300	7300	10 000	2019
Cardiovascular disease deaths attributable to high systolic blood pressure (%)	60	55	64	2019

## Risk factors<sup>e</sup>

	both sexes	males	females	year
Mean population salt intake, adults aged 25+ years (g/day)	8	8	8	2019
Current tobacco use, adults aged 15+ years (%)	12	23	2	2019
Obesity, adults aged 18+ years (%)	16	5	25	2016
Total alcohol per capita consumption, adults aged 15+ years (litres)	4	7	1	2019
Physical inactivity, adults aged 18+ years (%)	27	23	31	2016

## National response

### Targets

National target for blood pressure  
National target for salt consumption

### Surveillance

Conducted recent, national survey measuring raised blood pressure/hypertension  
Conducted recent, national survey on salt/sodium intake  
Functioning system for generating reliable cause-specific mortality data on a routine basis

### Treatment

Guidelines for management of hypertension



Footnotes: a. SBP ≥140 mmHg or DBP ≥90 mmHg or taking medication for hypertension. b. Control rate: adults aged 30–79 years receiving treatment, with blood pressure SBP <140 mmHg and DBP <90 mmHg. c. SBP ≥140 mmHg or DBP ≥90 mmHg. d. Progress and aspirational scenarios reflect a theoretical scaling up of treatment and control. e. Age-standardized estimates are presented for all indicators except salt intake.