

Guatemala

Total population: 16 343 000

Income group: Lower middle

Mortality*

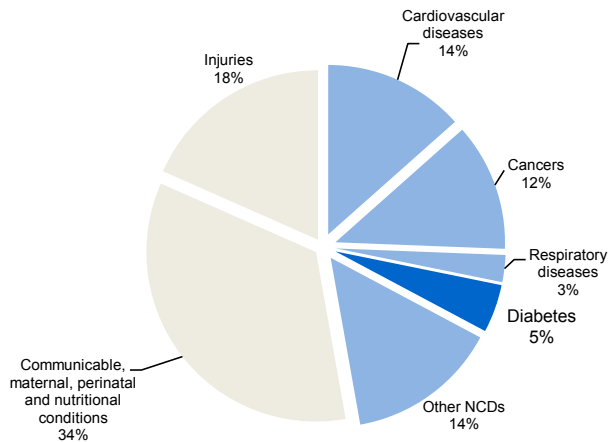
Number of diabetes deaths

| | males | females |
|------------|-------|---------|
| ages 30–69 | 750 | 890 |
| ages 70+ | 760 | 1 150 |

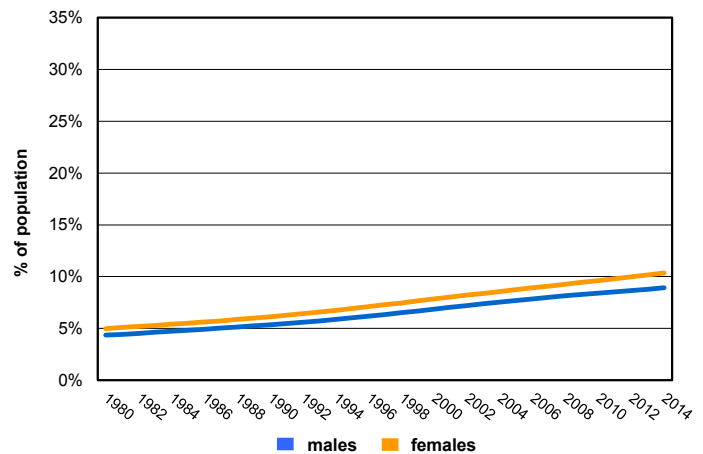
Number of deaths attributable to high blood glucose

| | males | females |
|------------|-------|---------|
| ages 30–69 | 1 070 | 1 230 |
| ages 70+ | 980 | 1 610 |

Proportional mortality (% of total deaths, all ages)*



Trends in age-standardized prevalence of diabetes



Prevalence of diabetes and related risk factors

| | males | females | total |
|---------------------|-------|---------|-------|
| Diabetes | 6.8% | 8.2% | 7.5% |
| Overweight | 43.1% | 52.1% | 47.7% |
| Obesity | 11.3% | 21.2% | 16.4% |
| Physical inactivity | 10.5% | 14.1% | 12.4% |

National response to diabetes

Policies, guidelines and monitoring

| | |
|--|---------------------------------|
| Operational policy/strategy/action plan for diabetes | Yes |
| Operational policy/strategy/action plan to reduce overweight and obesity | Yes |
| Operational policy/strategy/action plan to reduce physical inactivity | Yes |
| Evidence-based national diabetes guidelines/protocols/standards | Available and fully implemented |
| Standard criteria for referral of patients from primary care to higher level of care | Available and fully implemented |
| Diabetes registry | No |
| Recent national risk factor survey in which blood glucose was measured | Yes |

Availability of medicines, basic technologies and procedures in the public health sector

Medicines in primary care facilities

| | |
|---------------|---|
| Insulin | ● |
| Metformin | ● |
| Sulphonylurea | ● |

Procedures

| | |
|--|---|
| Retinal photocoagulation | ● |
| Renal replacement therapy by dialysis | ● |
| Renal replacement therapy by transplantation | ○ |

Basic technologies in primary care facilities

| | |
|---|---|
| Blood glucose measurement | ● |
| Oral glucose tolerance test | ○ |
| HbA1c test | ○ |
| Dilated fundus examination | ○ |
| Foot vibration perception by tuning fork | ○ |
| Foot vascular status by Doppler | ○ |
| Urine strips for glucose and ketone measurement | ○ |

* The mortality estimates for this country have a high degree of uncertainty because they are not based on any national NCD mortality data (see Explanatory Notes).

○ = not generally available ● = generally available