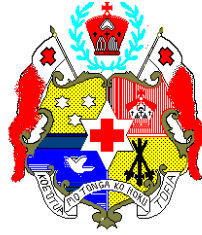


Statistics Department (Tonga): Abridged Life Table ???. In: Tonga Population Census 1996 – Demographic Analysis – Summary and Population Projections, Nuku’alofa (1999), p. 1-2, URL: <http://www.spc.int/prism/tonga/index.php?Itemid=111> (01.08.2013).



KINGDOM OF TONGA

TONGA POPULATION CENSUS

1996

Demographic Analysis

Summary and Population Projections

| | | |
|-----------------------|-----------------------------------|------------------|
| | <p>POPULATION PROJECTIONS</p> | |
| <p>FERTILIT Y</p> | | <p>MIGRATION</p> |
| | <p>LIFE EXPECTANCY</p> | |

September 1999

PREFACE

This is the fourth publication presenting results from the most recent Population Census of the Kingdom of Tonga in 1996. This bulletin presents the Demographic Analysis or D-Series together with Population Projections until year 2026. It contains two parts with Part 1 giving a summary of the demographic analysis and Part 2 giving the population projections for Tonga for years 1997 to 2026.

The demographic indicators and population projections contained in this bulletin is provided to assist planners and policy-makers in the planning and policy making process, inform researchers and readers of the latest demographic position of the Tongan population.

The demographic analysis and preparation of this bulletin was jointly conducted by Mrs Mele P. Finau, Principal Statistician and Mrs Vilimaina L. Rakaseta, Population Advisor of the Secretariat of the Pacific Community (SPC). The Department is grateful to Mrs Finau and Mrs Rakaseta for the hard work put towards the preparation of this bulletin. The Department is also grateful to the Demography Programme of the SPC for allowing Mrs Rakaseta to assist the Department in this important task.

The Department would welcome any comments or queries regarding the statistics and information contained in this bulletin.

Mrs Seini M. Filiai
Acting Government Statistician

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PART I: DEMOGRAPHIC ANALYSIS

1.1 Introduction

The 1996 Population census of the Kingdom of Tonga, which was the fifth decennial census of Tonga, counted a total population of 97,784 persons of which 96,020 or 98.2 per cent were Tongans or Part Tongans. This report refers to the analysis of the Tongan and part-Tongans only. Estimates of child mortality, adult mortality, life tables by sex and fertility are presented in this report. Population projections are also presented for three sets of assumptions.

Tonga's population is fairly young with 39 per cent of the population under the age of 15. The population of Tonga grew at an annual growth rate of 0.3 per cent during 1986-96. This low rate of growth was mainly due to the high level of international net migration.

The census included specific questions for the estimation of child mortality, adult mortality and fertility. Indirect estimation techniques were applied to these data to arrive at the final estimates. Information from the Ministries of Health and Justice were used to compare estimates indirectly derived from census data. Data from the 1986 census were also used to derive fertility and mortality estimates.

1.2 Mortality

The data on children ever born and children surviving by age of mother were used to estimate child mortality. An evaluation of this data in terms of indices such as sex ratios and parity distribution of all women indicate the quality of data is good. The Infant Mortality Rate (IMR) estimated for Tonga for the year 1996 is 19.0 per 1,000 births. The IMR has declined from 26 per 1,000 in 1986 to 19.0 in 1996. Both male and female children experienced the same level of mortality.

Adult mortality was estimated using information on survival status of mothers and fathers. Indices derived from such information refer to the survivorship probabilities at age 25 for females and at age 32.5 years for males. These estimates were then combined with the estimates of child mortality derived above to obtain life tables for males and females. The method used was the 'Logit transformation of survivorship probabilities' as described in (the United Nations) Manual X: Indirect Techniques for Demographic Estimation. The resulting estimates of expectation of life at birth is 69.8 for males and 71.8 for females.

Table 1: Abridged Life Table - Male

| Age | lx | Dx | qx | Lx | Tx | Ex |
|-----|---------|--------|----------|---------|-----------|------|
| 0 | 100,000 | 1,900 | 0.019000 | 98,727 | 6,982,292 | 69.8 |
| 1 | 98,100 | 419 | 0.004266 | 391,563 | 6,883,565 | 70.2 |
| 5 | 97,681 | 241 | 0.002464 | 487,806 | 6,492,002 | 66.5 |
| 10 | 97,441 | 200 | 0.002056 | 486,703 | 6,004,196 | 61.6 |
| 15 | 97,240 | 379 | 0.003894 | 485,256 | 5,517,493 | 56.7 |
| 20 | 96,862 | 541 | 0.005586 | 482,956 | 5,032,237 | 52.0 |
| 25 | 96,321 | 557 | 0.005780 | 480,212 | 4,549,281 | 47.2 |
| 30 | 95,764 | 642 | 0.006706 | 477,215 | 4,069,069 | 42.5 |
| 35 | 95,122 | 847 | 0.008904 | 473,492 | 3,591,855 | 37.8 |
| 40 | 94,275 | 1,286 | 0.013645 | 468,159 | 3,118,363 | 33.1 |
| 45 | 92,989 | 2,140 | 0.023009 | 459,594 | 2,650,204 | 28.5 |
| 50 | 90,849 | 3,543 | 0.038996 | 445,388 | 2,190,610 | 24.1 |
| 55 | 87,306 | 5,879 | 0.067334 | 421,834 | 1,745,223 | 20.0 |
| 60 | 81,428 | 9,148 | 0.112342 | 384,268 | 1,323,388 | 16.3 |
| 65 | 72,280 | 13,330 | 0.184425 | 328,074 | 939,120 | 13.0 |
| 70 | 58,950 | 11,131 | 0.188823 | 266,921 | 611,046 | 10.4 |
| 75 | 47,819 | 19,746 | 0.412940 | 189,727 | 344,126 | 7.2 |
| 80+ | 28,072 | 28,072 | 1.000000 | 154,398 | 154,398 | 5.5 |

Table 2: Abridged Life Table - Female

| Age | lx | Dx | qx | Lx | Tx | Ex |
|-----|---------|--------|----------|---------|-----------|------|
| 0 | 100,000 | 1,650 | 0.016500 | 98,895 | 7,181,854 | 71.8 |
| 1 | 98,350 | 415 | 0.004224 | 392,569 | 7,082,960 | 72.0 |
| 5 | 97,935 | 201 | 0.002055 | 489,170 | 6,690,391 | 68.3 |
| 10 | 97,733 | 166 | 0.001694 | 488,253 | 6,201,221 | 63.5 |
| 15 | 97,568 | 274 | 0.002807 | 487,154 | 5,712,968 | 58.6 |
| 20 | 97,294 | 391 | 0.004017 | 485,492 | 5,225,814 | 53.7 |
| 25 | 96,903 | 493 | 0.005092 | 483,281 | 4,740,322 | 48.9 |
| 30 | 96,410 | 627 | 0.006504 | 480,480 | 4,257,041 | 44.2 |
| 35 | 95,783 | 858 | 0.008959 | 476,768 | 3,776,560 | 39.4 |
| 40 | 94,924 | 1,253 | 0.013198 | 471,490 | 3,299,793 | 34.8 |
| 45 | 93,672 | 1,969 | 0.021017 | 463,436 | 2,828,302 | 30.2 |
| 50 | 91,703 | 3,045 | 0.033203 | 450,903 | 2,364,866 | 25.8 |
| 55 | 88,658 | 4,700 | 0.053007 | 431,542 | 1,913,963 | 21.6 |
| 60 | 83,959 | 7,383 | 0.087932 | 401,336 | 1,482,422 | 17.7 |
| 65 | 76,576 | 11,605 | 0.151550 | 353,867 | 1,081,086 | 14.1 |
| 70 | 64,971 | 9,903 | 0.152418 | 300,097 | 727,219 | 11.2 |
| 75 | 55,068 | 20,610 | 0.374260 | 223,816 | 427,121 | 7.8 |
| 80+ | 34,458 | 34,458 | 1.000000 | 203,304 | 203,305 | 5.9 |

1.3 Fertility

The Total Fertility Rate (TFR) for Tonga in 1996 was derived by using information on children ever born and births in the year preceding the census. TFR was estimated to be 4.1. Data from the Ministry of Health compare well with this estimate (their estimate was 4.3 in 1996). TFR has declined from 5.2 in 1986. Total Fertility Rate is derived from Age Specific Fertility Rates. Table 3 shows the Age Specific Fertility Rates derived from 1986 & 1996 censuses, reported parities and births in the twelve months preceding the census.

Table 3: Age Specific Fertility Rate

| Age group | Age Specific Fertility Rate (per 1,000 women) |
|----------------------|--|
| 15-19 | 17 |
| 20-24 | 160 |
| 25-29 | 239 |
| 30-34 | 208 |
| 35-39 | 139 |
| 40-44 | 59 |
| 45-49 | 8 |
| TFR per woman | 4.1 |

1.4 International Migration

International migration has and will continue to play an important role in the growth of Tonga's population. For this reason three variations in net international migration were used in projecting the population of Tonga up to year 2026: (1) constant rate of net migration, (2) reduced rate of net migration, (3) increased rate of net migration. Fertility was assumed to decline to a TFR of 2.5 and the expectation of life was assumed to follow the United Nations model of mortality improvement. For the age distribution of net migrants, the difference between the projected 1996 population without migration, and the census population was used to arrive at the estimated age distribution. These were inputted into the People Version 3.01 programme to yield the projected populations.

Births derived from the Ministry of Health reveal that it is 94% complete while death registration must be less complete. It is essential that these data be reliable in order to produce reliable population estimates.

As has been highlighted above, international migration plays an important role in the population growth and changes in the structure of the population of Tonga. However, without reliable information its actual magnitude cannot be ascertained at the present time. It is therefore imperative that international arrivals and departures information be collected as soon as possible for policy and planning decisions.

1.5 Summary of results

A summary of the vital rates obtained (per 1,000 when applicable) from the 1996 census is shown below.

| | |
|------------------------------|---------------|
| Total Fertility Rate | 4.1 per woman |
| Expectation of life (Male) | 69.8 years |
| Expectation of life (Female) | 71.8 years |
| Infant Mortality Rate | 19.0 |
| Crude Birth Rate | 30.3 |
| Crude Death Rate | 7.5 |
| Net Migration Rate | 19.8 |
| Natural Increase | 22.8 |
| Annual Growth Rate | 0.3 |

1.6 Population projections

Population projections provide policy-makers with a look into the future. It is therefore an important tool for policy makers and planners in various sectors of government and private mainly for their domestic planning and policy formulation. By coming up with various population scenarios we are in effect giving pictures of what Tonga's population would look like in the future under various assumptions.

The four basic information needed for projecting the population are: (i) age-sex distribution of the latest information on population (ii) fertility (iii) mortality and (iv) migration. The projections were then devised for five year age groups by sex for thirty years, 1996-2026. In order to come up with meaningful projections, assumptions were made about future trends in fertility, mortality and migration using information from Statistics Department and Ministry of Health.

1.6.1 Projection Assumptions

Three scenarios were developed based on current and future trends of demographic indicators to give us a look into Tonga's population in thirty year's time using these different assumptions:-

1. From adjusted fertility of 4.1 derived from the result of 1996 census two assumptions of future trends were assumed (i) no change in current trend, and (ii) moderate decline in the future.
2. Mortality is also expected to decline in line with the model of mortality improvement recommended by the UN (1994). This translates into increases in life expectancy for male and female (see Table 4)
3. Migration was the most difficult of the three components of population growth to estimate. From the Balancing Equation and information from 1996 Census on adjusted crude birth rate, adjusted crude death rate, average annual growth rate; net migration was estimated to be -1,936 migrants. This was rounded to -1,950 which was taken as the estimated annual Net Migration for the projections. Because of the important implications of international migration in Tonga's population, different assumptions of migration rates were used in order to see the effect of migration on Tonga's population in the future.

Based on the combinations of fertility and migration three scenarios were used:

i. **Scenario1 (declining migration, constant fertility)**

Fertility: Total fertility rate of 4.1 in 1996 remains constant until 2026

Mortality: The life expectancy of male gradually increases from 69.8 in 1996 to 74.2 in 2026. Female life expectancy also increases from 71.8 in 1996 to 77.4 in 2026. This is based on United Nations model of moderate increase in life expectancy.

Migration: A decline in net out migrants to -1,500 throughout the projection period, (1996-2026)

ii. **Scenario2 (declining fertility, constant migration)**

Fertility: The total fertility rate of 4.1 in 1996 is assumed to decline to 2.5 in 2026.

Mortality: The life expectancy of male gradually increases from 69.8 in 1996 to 74.2 in 2026. Female life expectancy also increases from 71.8 in 1996 to 77.4 in 2026. This is based on United Nations model of moderate increase in life expectancy.

Migration: The net migration rate of -1,950 is assumed to remain constant through out the projection period, 1996-2026.

Note: This scenario is recommended to be the most likely outcome in the future of Tonga's population.

iii. **Scenario3 (declining fertility, declining of migration)**

Fertility: The total fertility rate of 4.1 in 1996 is assumed to decline to 2.5 in 2026.

Mortality: The life expectancy of male gradually increases from 69.8 in 1996 to 74.2 in 2026. Female life expectancy also increases from 71.8 in 1996 to 77.4 in 2026. This is based on United Nations model of moderate increase in life expectancy.

Migration: A decline in net out migrants to -1,500 throughout the projected period, 1996-2026.

Table 4: Years 1996 - 2026, (30 years projection) assumptions

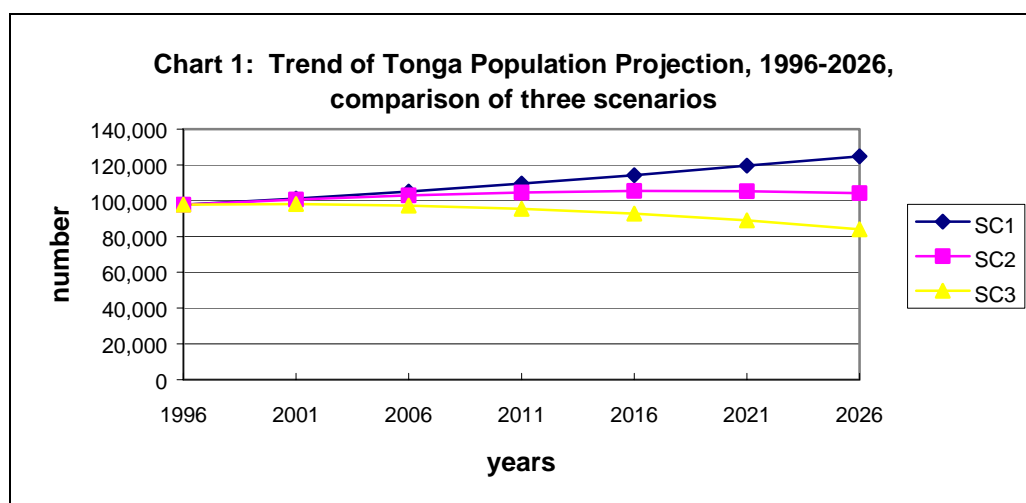
| | Fertility (adjusted TFR) | | Mortality (Life expectancy) | | Migration (net) | |
|------------------|--------------------------|------|-----------------------------|------|-----------------|--------|
| | 1996 | 2026 | 1996 | 2026 | 1996 | 2026 |
| Scenario1 | 4.1 | 4.1 | M - 69.8 | 74.2 | -1,500 | -1,500 |
| | | | F - 71.8 | 77.4 | | |
| Scenario2 | 4.1 | 2.5 | " | " | -1,950 | -1,950 |
| Scenario3 | 4.1 | 2.5 | " | " | -1,500 | -1,500 |

1.6.2 Projection results

The results of population projections under three scenarios for years 1996-2026 are illustrated in Table 5 and Chart 1.

Table 5: Results of Tonga population projections for years 1996-2026

| | 1996 | 2001 | 2006 | 2011 | 2016 | 2021 | 2026 |
|------------|--------|---------|---------|---------|---------|---------|---------|
| SC1 | 97,784 | 101,242 | 105,180 | 109,652 | 114,492 | 119,580 | 124,846 |
| SC2 | 97,784 | 100,673 | 102,907 | 104,553 | 105,433 | 105,373 | 104,228 |
| SC3 | 97,784 | 98,120 | 97,316 | 95,565 | 92,856 | 89,083 | 83,970 |



These projection scenarios highlight three key features:-

- i. the impact of international migration on the size and growth of the population (Scenario1, Scenario3);
- ii. the impact of reduction in fertility on the age-structure of the population (Scenario2 & Scenario3); and
- iii. migration has the most impact on Tonga's Population as shown by the impact of reducing migration (Scenario 1) which produced the largest population total.

Table 6: Comparison of base (1996) and end (2026) years of population projections, Tonga

| | Total pop. | percentage | | | Median age (years) | Annual growth rate (%) |
|--|------------|------------|---------|------|--------------------|------------------------|
| | | < 15 years | 15 - 64 | 65+ | | |
| Base year 1996 | 97,784 | 39.1 | 55.7 | 5.2 | 19.9 | 0.3 |
| Projection results, 2026 | | | | | | |
| Scenario 1 | 124,846 | 35.1 | 57.4 | 7.5 | 22.7 | 0.9 |
| Scenario 2 | 104,228 | 27.2 | 63.9 | 8.9 | 28.0 | 0.2 |
| Scenario 3 | 83,970 | 26.5 | 62.8 | 10.7 | 28.5 | -0.5 |
| <u>Changes compared to 1996</u> | | | | | | |
| Scenario 1 | +27,062 | -4.0 | +1.7 | +2.3 | +2.8 | +0.6 |
| Scenario 2 | +6,444 | -11.9 | +8.2 | +3.7 | +8.1 | -0.1 |
| Scenario 3 | -13,814 | -12.6 | +7.1 | +5.5 | +8.6 | -0.8 |

1.6.3 Summary of results:

- i. The total population will increase in Scenario 1 and Scenario 2 but Scenario 3 will produce a declining population. Total population will range from 83,970 to 124,846 in 2026;
- ii. < 15 years will show decreases in all Scenarios both proportionally and absolutely;
- iii. Working ages 15-64 will increase in all Scenarios;
- iv. The elderly population (65+) will increase in all Scenarios.

Scenario1

If fertility remains constant at 4.1 and net migration decreases to -1,500 in the next 30 years, the total population in the year 2026 will be about 124 thousand persons. The population growth will be 0.9% which is the highest of the three Scenarios. At this rate of growth Tonga's population will double in 100 year's time. The proportion of the dependent population (ages < 15 and > 64) is the highest of the three Scenarios (see Table 6).

Scenario2

If fertility declines from 4.1 in 1996 to 2.5 in 2026 and net migration remained at -1,950 throughout the 30 year period, the total population will be around 104,000 and the growth rate will be 0.2%.

Scenario3

This scenario will show the impact of declining migration and fertility on Tonga's population in the future. Based on the assumption of fertility declining to 2.5 and net migration to -1,500, the projected population in 2026 will be about 84,000 representing an average annual growth rate of -0.5%.

1.6.4. Projected Population by Age and Sex

Appendix 1 gives population projections in single years by age group and sex for years 1997 to 2026. Projection assumptions in Scenario3 above have been used to produce these population projections.

1.6.5 Projected Population by Division and Sex

Appendix 2 gives population projections in single years by division and sex for years 1997 to 2026. These projections were derived using the 1996 Census population distribution by division and the projected totals in Appendix 1. Although these population projections by division are crude, it is hoped they will help regional planners gain some insight into the future population distribution of the country by division.

In order to obtain a more realistic projection of the population by division, information on fertility, mortality and migration has to be available for each division.

The population projections given in Appendix 1 and 2 will be revised using results of the next Census in year 2006.

APPENDIX 1: PROJECTED POPULATION BY AGE AND SEX, 1997-2026 (Numbers)

COUNTRY: TONGA

| AGE GROUP | 1997 | | | 1998 | | | 1999 | | | 2000 | | | 2001 | | |
|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------------|
| | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL |
| 0-4 | 7,023 | 6,649 | 13,673 | 6,969 | 6,656 | 13,625 | 6,835 | 6,529 | 13,365 | 6,647 | 6,309 | 12,958 | 6,441 | 6,059 | 12,500 |
| 5-9 | 6,515 | 5,678 | 12,192 | 6,524 | 5,720 | 12,243 | 6,565 | 5,842 | 12,407 | 6,609 | 5,989 | 12,598 | 6,610 | 6,077 | 12,687 |
| 10-14 | 6,505 | 5,991 | 12,496 | 6,480 | 5,877 | 12,357 | 6,415 | 5,714 | 12,129 | 6,344 | 5,563 | 11,908 | 6,303 | 5,486 | 11,789 |
| 15-19 | 5,721 | 5,386 | 11,107 | 5,864 | 5,519 | 11,384 | 6,020 | 5,665 | 11,685 | 6,160 | 5,778 | 11,939 | 6,264 | 5,829 | 12,093 |
| 20-24 | 4,434 | 4,272 | 8,706 | 4,498 | 4,324 | 8,822 | 4,630 | 4,426 | 9,056 | 4,803 | 4,562 | 9,365 | 4,992 | 4,721 | 9,713 |
| 25-29 | 3,915 | 3,743 | 7,659 | 3,802 | 3,655 | 7,457 | 3,664 | 3,553 | 7,217 | 3,558 | 3,483 | 7,041 | 3,529 | 3,470 | 6,999 |
| 30-34 | 3,108 | 2,986 | 6,094 | 3,198 | 3,059 | 6,257 | 3,263 | 3,111 | 6,373 | 3,282 | 3,123 | 6,405 | 3,247 | 3,091 | 6,338 |
| 35-39 | 2,326 | 2,482 | 4,807 | 2,412 | 2,516 | 4,928 | 2,495 | 2,547 | 5,042 | 2,568 | 2,574 | 5,142 | 2,628 | 2,598 | 5,226 |
| 40-44 | 1,975 | 2,220 | 4,194 | 2,007 | 2,248 | 4,255 | 2,037 | 2,275 | 4,312 | 2,074 | 2,303 | 4,378 | 2,121 | 2,330 | 4,451 |
| 45-49 | 1,640 | 1,922 | 3,562 | 1,692 | 1,962 | 3,655 | 1,755 | 2,008 | 3,763 | 1,817 | 2,050 | 3,866 | 1,868 | 2,087 | 3,955 |
| 50-54 | 1,538 | 1,765 | 3,303 | 1,526 | 1,766 | 3,293 | 1,518 | 1,769 | 3,287 | 1,520 | 1,780 | 3,300 | 1,536 | 1,802 | 3,338 |
| 55-59 | 1,500 | 1,530 | 3,030 | 1,496 | 1,558 | 3,054 | 1,491 | 1,585 | 3,076 | 1,486 | 1,610 | 3,096 | 1,481 | 1,628 | 3,109 |
| 60-64 | 1,314 | 1,286 | 2,600 | 1,338 | 1,301 | 2,638 | 1,360 | 1,318 | 2,677 | 1,377 | 1,338 | 2,715 | 1,392 | 1,363 | 2,755 |
| 65-69 | 1,022 | 1,000 | 2,021 | 1,051 | 1,025 | 2,076 | 1,082 | 1,050 | 2,132 | 1,114 | 1,074 | 2,188 | 1,146 | 1,097 | 2,243 |
| 70-74 | 713 | 698 | 1,412 | 737 | 720 | 1,457 | 763 | 744 | 1,507 | 793 | 771 | 1,564 | 826 | 800 | 1,626 |
| 75+ | 789 | 945 | 1,735 | 813 | 950 | 1,763 | 837 | 954 | 1,792 | 862 | 958 | 1,821 | 888 | 962 | 1,851 |
| All ages | 50,037 | 48,553 | 98,591 | 50,406 | 48,856 | 99,264 | 50,731 | 49,088 | 99,821 | 51,017 | 49,264 | 100,283 | 51,272 | 49,400 | 100,673 |
| <i>Median age</i> | <i>19.3</i> | <i>20.7</i> | <i>19.9</i> | <i>19.5</i> | <i>20.8</i> | <i>20.0</i> | <i>19.6</i> | <i>20.9</i> | <i>20.2</i> | <i>19.8</i> | <i>21.1</i> | <i>20.4</i> | <i>20.0</i> | <i>21.3</i> | <i>20.7</i> |
| SUMMARY | | | | | | | | | | | | | | | |
| Under 15 | 20,042 | 18,318 | 38,361 | 19,972 | 18,253 | 38,226 | 19,815 | 18,085 | 37,901 | 19,600 | 17,862 | 37,463 | 19,354 | 17,622 | 36,976 |
| 15-49 | 23,119 | 23,011 | 46,130 | 23,473 | 23,284 | 46,758 | 23,864 | 23,584 | 47,448 | 24,263 | 23,873 | 48,136 | 24,649 | 24,126 | 48,775 |
| 50-59 | 3,038 | 3,295 | 6,333 | 3,022 | 3,324 | 6,347 | 3,009 | 3,354 | 6,363 | 3,006 | 3,390 | 6,396 | 3,017 | 3,430 | 6,447 |
| 60+ | 3,838 | 3,929 | 7,767 | 3,939 | 3,995 | 7,935 | 4,042 | 4,065 | 8,108 | 4,147 | 4,140 | 8,288 | 4,252 | 4,222 | 8,475 |

Note: Totals may not be tally due to rounding of decimal places to whole numbers

APPENDIX 1: PROJECTED POPULATION BY AGE AND SEX, 1997-2026 (Numbers)

COUNTRY: TONGA

| AGE GROUP | 2002 | | | 2003 | | | 2004 | | | 2005 | | | 2006 | | |
|-------------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|
| | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL |
| 0-4 | 6,295 | 5,884 | 12,179 | 6,201 | 5,778 | 11,980 | 6,157 | 5,740 | 11,898 | 6,154 | 5,760 | 11,913 | 6,167 | 5,805 | 11,972 |
| 5-9 | 6,577 | 6,109 | 12,686 | 6,495 | 6,067 | 12,562 | 6,366 | 5,951 | 12,317 | 6,212 | 5,792 | 12,004 | 6,068 | 5,646 | 11,714 |
| 10-14 | 6,303 | 5,493 | 11,795 | 6,338 | 5,578 | 11,915 | 6,383 | 5,706 | 12,089 | 6,405 | 5,812 | 12,217 | 6,375 | 5,845 | 12,220 |
| 15-19 | 6,241 | 5,740 | 11,980 | 6,183 | 5,588 | 11,771 | 6,118 | 5,422 | 11,540 | 6,081 | 5,307 | 11,388 | 6,089 | 5,280 | 11,369 |
| 20-24 | 5,111 | 4,831 | 9,942 | 5,252 | 4,967 | 10,219 | 5,404 | 5,108 | 10,512 | 5,542 | 5,213 | 10,755 | 5,647 | 5,263 | 10,910 |
| 25-29 | 3,564 | 3,494 | 7,057 | 3,652 | 3,557 | 7,209 | 3,779 | 3,658 | 7,436 | 3,922 | 3,781 | 7,704 | 4,075 | 3,916 | 7,991 |
| 30-34 | 3,207 | 3,077 | 6,284 | 3,102 | 3,011 | 6,112 | 2,967 | 2,911 | 5,878 | 2,858 | 2,822 | 5,680 | 2,811 | 2,778 | 5,589 |
| 35-39 | 2,723 | 2,659 | 5,382 | 2,814 | 2,724 | 5,538 | 2,882 | 2,781 | 5,664 | 2,903 | 2,807 | 5,710 | 2,865 | 2,784 | 5,649 |
| 40-44 | 2,186 | 2,355 | 4,541 | 2,261 | 2,381 | 4,642 | 2,343 | 2,411 | 4,754 | 2,426 | 2,446 | 4,873 | 2,500 | 2,486 | 4,986 |
| 45-49 | 1,908 | 2,121 | 4,029 | 1,938 | 2,151 | 4,089 | 1,967 | 2,177 | 4,143 | 2,002 | 2,201 | 4,203 | 2,053 | 2,227 | 4,280 |
| 50-54 | 1,572 | 1,825 | 3,397 | 1,627 | 1,861 | 3,488 | 1,689 | 1,906 | 3,595 | 1,748 | 1,952 | 3,700 | 1,796 | 1,994 | 3,790 |
| 55-59 | 1,467 | 1,638 | 3,105 | 1,454 | 1,642 | 3,096 | 1,447 | 1,644 | 3,091 | 1,454 | 1,651 | 3,105 | 1,476 | 1,671 | 3,147 |
| 60-64 | 1,393 | 1,382 | 2,775 | 1,390 | 1,406 | 2,797 | 1,387 | 1,434 | 2,822 | 1,384 | 1,462 | 2,846 | 1,381 | 1,483 | 2,864 |
| 65-69 | 1,167 | 1,109 | 2,277 | 1,193 | 1,122 | 2,315 | 1,215 | 1,137 | 2,352 | 1,232 | 1,157 | 2,389 | 1,246 | 1,184 | 2,430 |
| 70-74 | 840 | 828 | 1,668 | 859 | 854 | 1,713 | 885 | 876 | 1,761 | 918 | 894 | 1,813 | 957 | 908 | 1,865 |
| 75+ | 919 | 984 | 1,904 | 952 | 1,006 | 1,958 | 985 | 1,029 | 2,014 | 1,019 | 1,052 | 2,071 | 1,055 | 1,076 | 2,131 |
| All ages | 51,473 | 49,528 | 101,002 | 51,710 | 49,694 | 101,405 | 51,975 | 49,890 | 101,866 | 52,261 | 50,109 | 102,371 | 52,561 | 50,346 | 102,907 |
| <i>Median age</i> | <i>20.3</i> | <i>21.6</i> | <i>20.9</i> | <i>20.6</i> | <i>21.8</i> | <i>21.2</i> | <i>20.9</i> | <i>22.1</i> | <i>21.5</i> | <i>21.2</i> | <i>22.3</i> | <i>21.7</i> | <i>21.4</i> | <i>22.5</i> | <i>21.9</i> |
| SUMMARY | | | | | | | | | | | | | | | |
| Under 15 | 19,175 | 17,486 | 36,661 | 19,034 | 17,423 | 36,457 | 18,907 | 17,397 | 36,304 | 18,771 | 17,363 | 36,134 | 18,610 | 17,296 | 35,906 |
| 15-49 | 24,939 | 24,276 | 49,216 | 25,201 | 24,380 | 49,581 | 25,460 | 24,467 | 49,927 | 25,735 | 24,578 | 50,313 | 26,040 | 24,734 | 50,774 |
| 50-59 | 3,039 | 3,463 | 6,502 | 3,081 | 3,503 | 6,584 | 3,136 | 3,550 | 6,686 | 3,202 | 3,603 | 6,805 | 3,272 | 3,665 | 6,937 |
| 60+ | 4,320 | 4,303 | 8,624 | 4,394 | 4,388 | 8,783 | 4,472 | 4,476 | 8,949 | 4,554 | 4,565 | 9,119 | 4,639 | 4,651 | 9,290 |

Note: Totals may not be tally due to rounding of decimal places to whole numbers

APPENDIX 1: PROJECTED POPULATION BY AGE AND SEX, 1997-2026 (Numbers)

COUNTRY: TONGA

| AGE GROUP | 2007 | | | 2008 | | | 2009 | | | 2010 | | | 2011 | | |
|-------------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|
| | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL |
| 0-4 | 6,182 | 5,823 | 12,005 | 6,164 | 5,806 | 11,970 | 6,114 | 5,754 | 11,868 | 6,037 | 5,675 | 11,713 | 5,950 | 5,585 | 11,535 |
| 5-9 | 5,977 | 5,567 | 11,544 | 5,910 | 5,508 | 11,419 | 5,870 | 5,472 | 11,343 | 5,843 | 5,445 | 11,288 | 5,801 | 5,399 | 11,200 |
| 10-14 | 6,309 | 5,826 | 12,134 | 6,212 | 5,756 | 11,968 | 6,085 | 5,644 | 11,729 | 5,952 | 5,520 | 11,472 | 5,838 | 5,420 | 11,258 |
| 15-19 | 6,047 | 5,253 | 11,300 | 6,060 | 5,323 | 11,383 | 6,107 | 5,452 | 11,559 | 6,150 | 5,575 | 11,725 | 6,160 | 5,641 | 11,801 |
| 20-24 | 5,632 | 5,186 | 10,818 | 5,573 | 5,040 | 10,612 | 5,503 | 4,871 | 10,374 | 5,463 | 4,750 | 10,212 | 5,473 | 4,722 | 10,195 |
| 25-29 | 4,241 | 4,055 | 8,296 | 4,406 | 4,204 | 8,609 | 4,551 | 4,342 | 8,893 | 4,661 | 4,435 | 9,095 | 4,727 | 4,462 | 9,189 |
| 30-34 | 2,859 | 2,834 | 5,693 | 2,955 | 2,919 | 5,874 | 3,083 | 3,020 | 6,104 | 3,222 | 3,124 | 6,346 | 3,356 | 3,227 | 6,583 |
| 35-39 | 2,820 | 2,752 | 5,572 | 2,718 | 2,680 | 5,397 | 2,590 | 2,587 | 5,176 | 2,483 | 2,511 | 4,994 | 2,430 | 2,478 | 4,908 |
| 40-44 | 2,580 | 2,533 | 5,113 | 2,661 | 2,590 | 5,250 | 2,728 | 2,647 | 5,375 | 2,760 | 2,681 | 5,441 | 2,738 | 2,674 | 5,412 |
| 45-49 | 2,113 | 2,256 | 4,369 | 2,186 | 2,285 | 4,471 | 2,267 | 2,314 | 4,582 | 2,350 | 2,347 | 4,697 | 2,429 | 2,386 | 4,815 |
| 50-54 | 1,836 | 2,021 | 3,857 | 1,867 | 2,047 | 3,914 | 1,894 | 2,073 | 3,967 | 1,929 | 2,102 | 4,031 | 1,978 | 2,134 | 4,112 |
| 55-59 | 1,507 | 1,698 | 3,205 | 1,556 | 1,737 | 3,294 | 1,616 | 1,782 | 3,398 | 1,675 | 1,823 | 3,498 | 1,725 | 1,860 | 3,585 |
| 60-64 | 1,367 | 1,489 | 2,856 | 1,355 | 1,489 | 2,844 | 1,349 | 1,491 | 2,840 | 1,357 | 1,504 | 2,861 | 1,380 | 1,529 | 2,909 |
| 65-69 | 1,244 | 1,209 | 2,453 | 1,243 | 1,239 | 2,482 | 1,243 | 1,266 | 2,509 | 1,240 | 1,287 | 2,527 | 1,238 | 1,302 | 2,540 |
| 70-74 | 967 | 909 | 1,877 | 981 | 915 | 1,896 | 998 | 930 | 1,929 | 1,019 | 956 | 1,975 | 1,042 | 992 | 2,034 |
| 75+ | 1,090 | 1,105 | 2,196 | 1,127 | 1,136 | 2,263 | 1,165 | 1,168 | 2,332 | 1,204 | 1,200 | 2,404 | 1,244 | 1,233 | 2,477 |
| All ages | 52,771 | 50,518 | 103,289 | 52,972 | 50,673 | 103,647 | 53,164 | 50,813 | 103,978 | 53,343 | 50,937 | 104,280 | 53,509 | 51,044 | 104,553 |
| <i>Median age</i> | <i>21.7</i> | <i>22.7</i> | <i>22.2</i> | <i>21.9</i> | <i>22.9</i> | <i>22.4</i> | <i>22.2</i> | <i>23.2</i> | <i>22.6</i> | <i>22.5</i> | <i>23.4</i> | <i>22.9</i> | <i>22.7</i> | <i>23.7</i> | <i>23.2</i> |
| SUMMARY | | | | | | | | | | | | | | | |
| Under 15 | 18,468 | 17,216 | 35,684 | 18,286 | 17,071 | 35,357 | 18,069 | 16,870 | 34,939 | 17,832 | 16,641 | 34,473 | 17,589 | 16,404 | 33,993 |
| 15-49 | 26,292 | 24,870 | 51,162 | 26,557 | 25,040 | 51,597 | 26,830 | 25,233 | 52,064 | 27,088 | 25,423 | 52,511 | 27,313 | 25,590 | 52,903 |
| 50-59 | 3,343 | 3,719 | 7,063 | 3,424 | 3,784 | 7,208 | 3,510 | 3,854 | 7,365 | 3,603 | 3,926 | 7,529 | 3,703 | 3,994 | 7,697 |
| 60+ | 4,668 | 4,712 | 9,381 | 4,705 | 4,779 | 9,485 | 4,754 | 4,855 | 9,610 | 4,820 | 4,947 | 9,767 | 4,904 | 5,056 | 9,960 |

Note: Totals may not be tally due to rounding of decimal places to whole numbers

APPENDIX 1: PROJECTED POPULATION BY AGE AND SEX, 1997-2026 (Numbers)

COUNTRY: TONGA

| AGE GROUP | 2012 | | | 2013 | | | 2014 | | | 2015 | | | 2016 | | |
|-------------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|
| | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL |
| 0-4 | 5,907 | 5,548 | 11,455 | 5,853 | 5,497 | 11,350 | 5,792 | 5,434 | 11,225 | 5,725 | 5,365 | 11,090 | 5,658 | 5,295 | 10,953 |
| 5-9 | 5,769 | 5,367 | 11,135 | 5,733 | 5,331 | 11,063 | 5,692 | 5,290 | 10,982 | 5,645 | 5,240 | 10,885 | 5,588 | 5,180 | 10,768 |
| 10-14 | 5,755 | 5,346 | 11,102 | 5,703 | 5,298 | 11,001 | 5,662 | 5,260 | 10,922 | 5,621 | 5,219 | 10,840 | 5,573 | 5,169 | 10,742 |
| 15-19 | 6,054 | 5,582 | 11,636 | 5,927 | 5,484 | 11,410 | 5,798 | 5,369 | 11,167 | 5,695 | 5,275 | 10,970 | 5,626 | 5,214 | 10,840 |
| 20-24 | 5,440 | 4,704 | 10,144 | 5,452 | 4,776 | 10,228 | 5,498 | 4,901 | 10,399 | 5,540 | 5,016 | 10,556 | 5,553 | 5,080 | 10,633 |
| 25-29 | 4,759 | 4,415 | 9,174 | 4,727 | 4,279 | 9,006 | 4,654 | 4,105 | 8,759 | 4,587 | 3,970 | 8,557 | 4,561 | 3,920 | 8,481 |
| 30-34 | 3,532 | 3,395 | 6,927 | 3,702 | 3,563 | 7,266 | 3,852 | 3,704 | 7,555 | 3,955 | 3,778 | 7,733 | 4,005 | 3,772 | 7,777 |
| 35-39 | 2,476 | 2,516 | 4,992 | 2,574 | 2,592 | 5,166 | 2,705 | 2,696 | 5,400 | 2,844 | 2,810 | 5,654 | 2,973 | 2,921 | 5,894 |
| 40-44 | 2,677 | 2,628 | 5,305 | 2,566 | 2,547 | 5,113 | 2,441 | 2,455 | 4,896 | 2,347 | 2,390 | 4,737 | 2,311 | 2,372 | 4,683 |
| 45-49 | 2,503 | 2,435 | 4,937 | 2,580 | 2,495 | 5,075 | 2,645 | 2,551 | 5,196 | 2,678 | 2,579 | 5,258 | 2,664 | 2,569 | 5,233 |
| 50-54 | 2,040 | 2,159 | 4,199 | 2,111 | 2,184 | 4,294 | 2,189 | 2,214 | 4,403 | 2,266 | 2,250 | 4,516 | 2,340 | 2,295 | 4,635 |
| 55-59 | 1,758 | 1,892 | 3,650 | 1,785 | 1,923 | 3,707 | 1,811 | 1,949 | 3,760 | 1,848 | 1,977 | 3,825 | 1,900 | 2,006 | 3,906 |
| 60-64 | 1,410 | 1,555 | 2,965 | 1,458 | 1,591 | 3,050 | 1,513 | 1,636 | 3,149 | 1,566 | 1,679 | 3,245 | 1,613 | 1,720 | 3,333 |
| 65-69 | 1,217 | 1,302 | 2,519 | 1,198 | 1,300 | 2,498 | 1,193 | 1,305 | 2,498 | 1,207 | 1,323 | 2,531 | 1,240 | 1,355 | 2,595 |
| 70-74 | 1,057 | 1,030 | 2,087 | 1,067 | 1,065 | 2,132 | 1,068 | 1,090 | 2,158 | 1,059 | 1,104 | 2,163 | 1,040 | 1,106 | 2,146 |
| 75+ | 1,277 | 1,265 | 2,541 | 1,310 | 1,297 | 2,607 | 1,344 | 1,330 | 2,674 | 1,379 | 1,364 | 2,743 | 1,416 | 1,399 | 2,814 |
| All ages | 53,629 | 51,139 | 104,768 | 53,745 | 51,220 | 104,966 | 53,857 | 51,288 | 105,145 | 53,963 | 51,339 | 105,302 | 54,061 | 51,373 | 105,433 |
| <i>Median age</i> | <i>23.1</i> | <i>24.0</i> | <i>23.5</i> | <i>23.4</i> | <i>24.2</i> | <i>23.7</i> | <i>23.6</i> | <i>24.4</i> | <i>24.0</i> | <i>23.9</i> | <i>24.6</i> | <i>24.2</i> | <i>24.1</i> | <i>24.8</i> | <i>24.4</i> |
| SUMMARY | | | | | | | | | | | | | | | |
| Under 15 | 17,431 | 16,261 | 33,692 | 17,288 | 16,125 | 33,414 | 17,146 | 15,984 | 33,130 | 16,991 | 15,824 | 32,815 | 16,819 | 15,644 | 32,463 |
| 15-49 | 27,440 | 25,675 | 53,115 | 27,529 | 25,735 | 53,264 | 27,593 | 25,780 | 53,373 | 27,647 | 25,818 | 53,464 | 27,693 | 25,848 | 53,541 |
| 50-59 | 3,798 | 4,051 | 7,849 | 3,895 | 4,107 | 8,002 | 4,000 | 4,163 | 8,162 | 4,114 | 4,227 | 8,341 | 4,240 | 4,301 | 8,541 |
| 60+ | 4,961 | 5,152 | 10,113 | 5,033 | 5,253 | 10,287 | 5,119 | 5,361 | 10,480 | 5,211 | 5,470 | 10,682 | 5,309 | 5,580 | 10,888 |

Note: Totals may not be tally due to rounding of decimal places to whole numbers

APPENDIX 1: PROJECTED POPULATION BY AGE AND SEX, 1997-2026 (Numbers)

COUNTRY: TONGA

| AGE GROUP | 2017 | | | 2018 | | | 2019 | | | 2020 | | | 2021 | | |
|-------------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|
| | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL |
| 0-4 | 5,594 | 5,238 | 10,831 | 5,518 | 5,169 | 10,687 | 5,435 | 5,091 | 10,526 | 5,348 | 5,008 | 10,356 | 5,260 | 4,923 | 10,183 |
| 5-9 | 5,547 | 5,142 | 10,689 | 5,499 | 5,094 | 10,593 | 5,442 | 5,037 | 10,478 | 5,375 | 4,970 | 10,345 | 5,297 | 4,892 | 10,189 |
| 10-14 | 5,532 | 5,126 | 10,658 | 5,499 | 5,091 | 10,590 | 5,461 | 5,053 | 10,515 | 5,415 | 5,007 | 10,422 | 5,361 | 4,953 | 10,314 |
| 15-19 | 5,502 | 5,103 | 10,606 | 5,423 | 5,030 | 10,453 | 5,383 | 4,992 | 10,375 | 5,369 | 4,974 | 10,343 | 5,364 | 4,962 | 10,326 |
| 20-24 | 5,449 | 5,032 | 10,482 | 5,318 | 4,938 | 10,256 | 5,185 | 4,821 | 10,006 | 5,080 | 4,721 | 9,801 | 5,016 | 4,661 | 9,677 |
| 25-29 | 4,573 | 3,933 | 8,506 | 4,609 | 4,017 | 8,626 | 4,648 | 4,140 | 8,788 | 4,658 | 4,238 | 8,896 | 4,630 | 4,279 | 8,909 |
| 30-34 | 4,050 | 3,753 | 7,803 | 4,024 | 3,638 | 7,662 | 3,953 | 3,467 | 7,420 | 3,881 | 3,317 | 7,197 | 3,835 | 3,237 | 7,072 |
| 35-39 | 3,143 | 3,071 | 6,214 | 3,314 | 3,232 | 6,546 | 3,465 | 3,376 | 6,841 | 3,570 | 3,463 | 7,033 | 3,618 | 3,467 | 7,085 |
| 40-44 | 2,339 | 2,394 | 4,733 | 2,425 | 2,462 | 4,887 | 2,555 | 2,566 | 5,121 | 2,703 | 2,689 | 5,392 | 2,845 | 2,815 | 5,660 |
| 45-49 | 2,598 | 2,530 | 5,128 | 2,488 | 2,453 | 4,940 | 2,363 | 2,362 | 4,725 | 2,272 | 2,295 | 4,567 | 2,242 | 2,276 | 4,518 |
| 50-54 | 2,416 | 2,338 | 4,753 | 2,493 | 2,392 | 4,886 | 2,558 | 2,447 | 5,004 | 2,587 | 2,479 | 5,065 | 2,571 | 2,477 | 5,048 |
| 55-59 | 1,954 | 2,032 | 3,986 | 2,022 | 2,058 | 4,080 | 2,097 | 2,088 | 4,186 | 2,175 | 2,123 | 4,298 | 2,251 | 2,165 | 4,416 |
| 60-64 | 1,643 | 1,746 | 3,390 | 1,667 | 1,771 | 3,439 | 1,694 | 1,796 | 3,489 | 1,732 | 1,824 | 3,556 | 1,783 | 1,854 | 3,637 |
| 65-69 | 1,276 | 1,387 | 2,663 | 1,325 | 1,426 | 2,751 | 1,375 | 1,466 | 2,841 | 1,419 | 1,502 | 2,921 | 1,457 | 1,537 | 2,994 |
| 70-74 | 1,009 | 1,101 | 2,111 | 986 | 1,100 | 2,087 | 983 | 1,108 | 2,092 | 1,004 | 1,128 | 2,133 | 1,050 | 1,163 | 2,213 |
| 75+ | 1,437 | 1,438 | 2,875 | 1,458 | 1,479 | 2,937 | 1,480 | 1,521 | 3,001 | 1,502 | 1,564 | 3,066 | 1,524 | 1,608 | 3,132 |
| All ages | 54,062 | 51,365 | 105,428 | 54,067 | 51,350 | 105,419 | 54,076 | 51,329 | 105,406 | 54,088 | 51,302 | 105,391 | 54,104 | 51,269 | 105,373 |
| <i>Median age</i> | <i>24.5</i> | <i>25.1</i> | <i>24.7</i> | <i>24.8</i> | <i>25.4</i> | <i>25.1</i> | <i>25.1</i> | <i>25.8</i> | <i>25.5</i> | <i>25.5</i> | <i>26.1</i> | <i>25.8</i> | <i>25.8</i> | <i>26.5</i> | <i>26.1</i> |
| SUMMARY | | | | | | | | | | | | | | | |
| Under 15 | 16,673 | 15,506 | 32,178 | 16,515 | 15,354 | 31,869 | 16,338 | 15,181 | 31,519 | 16,138 | 14,985 | 31,123 | 15,918 | 14,768 | 30,686 |
| 15-49 | 27,655 | 25,817 | 53,472 | 27,600 | 25,770 | 53,370 | 27,551 | 25,723 | 53,275 | 27,532 | 25,696 | 53,229 | 27,550 | 25,697 | 53,247 |
| 50-59 | 4,370 | 4,370 | 8,740 | 4,515 | 4,451 | 8,966 | 4,655 | 4,535 | 9,190 | 4,762 | 4,602 | 9,364 | 4,822 | 4,642 | 9,464 |
| 60+ | 5,364 | 5,673 | 11,038 | 5,437 | 5,776 | 11,213 | 5,532 | 5,890 | 11,423 | 5,656 | 6,019 | 11,675 | 5,814 | 6,162 | 11,976 |

Note: Totals may not be tally due to rounding of decimal places to whole numbers

APPENDIX 1: PROJECTED POPULATION BY AGE AND SEX, 1997-2026 (Numbers)

COUNTRY: TONGA

| AGE GROUP | 2022 | | | 2023 | | | 2024 | | | 2025 | | | 2026 | | |
|-------------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|
| | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL |
| 0-4 | 5,178 | 4,848 | 10,026 | 5,080 | 4,757 | 9,838 | 4,972 | 4,653 | 9,625 | 4,857 | 4,543 | 9,401 | 4,742 | 4,433 | 9,175 |
| 5-9 | 5,233 | 4,835 | 10,068 | 5,164 | 4,772 | 9,935 | 5,087 | 4,702 | 9,789 | 5,002 | 4,619 | 9,622 | 4,904 | 4,523 | 9,427 |
| 10-14 | 5,311 | 4,903 | 10,215 | 5,265 | 4,855 | 10,120 | 5,209 | 4,800 | 10,009 | 5,144 | 4,735 | 9,879 | 5,070 | 4,664 | 9,734 |
| 15-19 | 5,281 | 4,883 | 10,164 | 5,220 | 4,825 | 10,045 | 5,182 | 4,789 | 9,971 | 5,162 | 4,768 | 9,930 | 5,150 | 4,753 | 9,903 |
| 20-24 | 4,898 | 4,558 | 9,457 | 4,817 | 4,486 | 9,303 | 4,773 | 4,443 | 9,217 | 4,757 | 4,420 | 9,176 | 4,755 | 4,408 | 9,163 |
| 25-29 | 4,575 | 4,263 | 8,838 | 4,471 | 4,180 | 8,652 | 4,335 | 4,061 | 8,396 | 4,203 | 3,945 | 8,148 | 4,103 | 3,862 | 7,965 |
| 30-34 | 3,861 | 3,279 | 7,140 | 3,904 | 3,382 | 7,286 | 3,946 | 3,503 | 7,449 | 3,952 | 3,584 | 7,536 | 3,909 | 3,595 | 7,504 |
| 35-39 | 3,658 | 3,428 | 7,086 | 3,633 | 3,308 | 6,941 | 3,569 | 3,144 | 6,713 | 3,499 | 3,008 | 6,507 | 3,452 | 2,934 | 6,386 |
| 40-44 | 2,997 | 2,950 | 5,947 | 3,158 | 3,099 | 6,256 | 3,309 | 3,241 | 6,550 | 3,426 | 3,336 | 6,762 | 3,489 | 3,356 | 6,845 |
| 45-49 | 2,267 | 2,304 | 4,571 | 2,351 | 2,374 | 4,725 | 2,480 | 2,475 | 4,955 | 2,626 | 2,592 | 5,218 | 2,774 | 2,716 | 5,490 |
| 50-54 | 2,512 | 2,432 | 4,944 | 2,407 | 2,354 | 4,762 | 2,286 | 2,266 | 4,552 | 2,196 | 2,205 | 4,402 | 2,167 | 2,193 | 4,360 |
| 55-59 | 2,319 | 2,210 | 4,529 | 2,393 | 2,267 | 4,660 | 2,458 | 2,320 | 4,778 | 2,491 | 2,351 | 4,842 | 2,481 | 2,347 | 4,828 |
| 60-64 | 1,836 | 1,881 | 3,717 | 1,902 | 1,908 | 3,810 | 1,974 | 1,939 | 3,913 | 2,048 | 1,975 | 4,024 | 2,122 | 2,021 | 4,143 |
| 65-69 | 1,474 | 1,563 | 3,037 | 1,491 | 1,589 | 3,080 | 1,518 | 1,617 | 3,135 | 1,561 | 1,648 | 3,209 | 1,620 | 1,680 | 3,300 |
| 70-74 | 1,102 | 1,198 | 2,300 | 1,152 | 1,235 | 2,387 | 1,195 | 1,271 | 2,466 | 1,226 | 1,307 | 2,533 | 1,247 | 1,341 | 2,588 |
| 75+ | 1,541 | 1,646 | 3,187 | 1,559 | 1,684 | 3,243 | 1,576 | 1,723 | 3,300 | 1,594 | 1,763 | 3,358 | 1,613 | 1,804 | 3,417 |
| All ages | 54,045 | 51,182 | 105,227 | 53,967 | 51,075 | 105,043 | 53,868 | 50,948 | 104,817 | 53,746 | 50,800 | 104,546 | 53,598 | 50,630 | 104,228 |
| <i>Median age</i> | <i>26.2</i> | <i>26.8</i> | <i>26.5</i> | <i>26.6</i> | <i>27.2</i> | <i>26.9</i> | <i>27.0</i> | <i>27.6</i> | <i>27.3</i> | <i>27.3</i> | <i>27.9</i> | <i>27.6</i> | <i>27.7</i> | <i>28.3</i> | <i>28.0</i> |
| SUMMARY | | | | | | | | | | | | | | | |
| Under 15 | 15,722 | 14,587 | 30,309 | 15,508 | 14,384 | 29,892 | 15,269 | 14,154 | 29,423 | 15,003 | 13,898 | 28,901 | 14,716 | 13,620 | 28,336 |
| 15-49 | 27,538 | 25,665 | 53,203 | 27,555 | 25,654 | 53,209 | 27,593 | 25,657 | 53,250 | 27,625 | 25,652 | 53,278 | 27,632 | 25,624 | 53,256 |
| 50-59 | 4,831 | 4,642 | 9,474 | 4,800 | 4,621 | 9,421 | 4,744 | 4,587 | 9,331 | 4,687 | 4,557 | 9,244 | 4,648 | 4,540 | 9,188 |
| 60+ | 5,954 | 6,288 | 12,242 | 6,104 | 6,416 | 12,521 | 6,263 | 6,551 | 12,814 | 6,430 | 6,693 | 13,124 | 6,602 | 6,846 | 13,448 |

Note: Totals may not be tally due to rounding of decimal places to whole numbers

APPENDIX 2: TONGA PROJECTED POPULATION BY DIVISION AND SEX, 1997-2026 (Numbers)

| DIVISION | 1997 | | | 1998 | | | 1999 | | | 2000 | | | 2001 | | | 2002 | | |
|--------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|----------------|
| | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL |
| Tongatapu | 34,040 | 33,491 | 67,532 | 34,291 | 33,700 | 67,993 | 34,512 | 33,860 | 68,374 | 34,707 | 33,981 | 68,691 | 34,880 | 34,075 | 68,958 | 35,017 | 34,163 | 69,183 |
| Vava'u | 8,124 | 7,721 | 15,845 | 8,183 | 7,769 | 15,953 | 8,236 | 7,806 | 16,042 | 8,283 | 7,834 | 16,117 | 8,324 | 7,856 | 16,179 | 8,357 | 7,876 | 16,232 |
| Ha'apai | 4,144 | 4,061 | 8,205 | 4,175 | 4,086 | 8,261 | 4,201 | 4,106 | 8,308 | 4,225 | 4,121 | 8,346 | 4,246 | 4,132 | 8,378 | 4,263 | 4,143 | 8,406 |
| 'Eua | 2,646 | 2,328 | 4,975 | 2,666 | 2,343 | 5,009 | 2,683 | 2,354 | 5,037 | 2,698 | 2,363 | 5,060 | 2,712 | 2,369 | 5,080 | 2,722 | 2,375 | 5,096 |
| Niuas | 1,083 | 952 | 2,035 | 1,091 | 957 | 2,049 | 1,098 | 962 | 2,060 | 1,104 | 965 | 2,070 | 1,110 | 968 | 2,078 | 1,114 | 971 | 2,084 |
| TOTAL | 50,037 | 48,553 | 98,591 | 50,406 | 48,856 | 99,264 | 50,731 | 49,088 | 99,821 | 51,017 | 49,264 | 100,283 | 51,272 | 49,400 | 100,673 | 51,473 | 49,528 | 101,002 |
| DIVISION | 2003 | | | 2004 | | | 2005 | | | 2006 | | | 2007 | | | 2008 | | |
| | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL |
| Tongatapu | 35,178 | 34,278 | 69,459 | 35,359 | 34,413 | 69,775 | 35,553 | 34,564 | 70,121 | 35,757 | 34,728 | 70,488 | 35,900 | 34,846 | 70,750 | 36,037 | 34,953 | 70,995 |
| Vava'u | 8,395 | 7,903 | 16,297 | 8,438 | 7,934 | 16,371 | 8,485 | 7,969 | 16,452 | 8,533 | 8,006 | 16,538 | 8,567 | 8,033 | 16,600 | 8,600 | 8,058 | 16,657 |
| Ha'apai | 4,283 | 4,157 | 8,439 | 4,304 | 4,173 | 8,478 | 4,328 | 4,191 | 8,520 | 4,353 | 4,211 | 8,564 | 4,370 | 4,225 | 8,596 | 4,387 | 4,238 | 8,626 |
| 'Eua | 2,735 | 2,383 | 5,117 | 2,749 | 2,393 | 5,140 | 2,764 | 2,403 | 5,165 | 2,780 | 2,414 | 5,192 | 2,791 | 2,423 | 5,212 | 2,802 | 2,430 | 5,230 |
| Niuas | 1,119 | 974 | 2,093 | 1,125 | 978 | 2,102 | 1,131 | 982 | 2,113 | 1,138 | 987 | 2,124 | 1,142 | 990 | 2,132 | 1,147 | 993 | 2,139 |
| TOTAL | 51,710 | 49,694 | 101,405 | 51,975 | 49,890 | 101,866 | 52,261 | 50,109 | 102,371 | 52,561 | 50,346 | 102,907 | 52,771 | 50,518 | 103,289 | 52,972 | 50,673 | 103,647 |
| DIVISION | 2009 | | | 2010 | | | 2011 | | | 2012 | | | 2013 | | | 2014 | | |
| | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL |
| Tongatapu | 36,167 | 35,050 | 71,222 | 36,289 | 35,135 | 71,429 | 36,402 | 35,209 | 71,616 | 36,484 | 35,275 | 71,763 | 36,563 | 35,331 | 71,898 | 36,639 | 35,377 | 72,021 |
| Vava'u | 8,631 | 8,080 | 16,710 | 8,660 | 8,100 | 16,759 | 8,687 | 8,117 | 16,803 | 8,707 | 8,132 | 16,837 | 8,726 | 8,145 | 16,869 | 8,744 | 8,156 | 16,898 |
| Ha'apai | 4,403 | 4,250 | 8,653 | 4,418 | 4,261 | 8,679 | 4,431 | 4,269 | 8,701 | 4,441 | 4,277 | 8,719 | 4,451 | 4,284 | 8,736 | 4,460 | 4,290 | 8,751 |
| 'Eua | 2,812 | 2,437 | 5,247 | 2,821 | 2,443 | 5,262 | 2,830 | 2,448 | 5,276 | 2,836 | 2,452 | 5,286 | 2,842 | 2,456 | 5,296 | 2,848 | 2,460 | 5,305 |
| Niuas | 1,151 | 996 | 2,146 | 1,155 | 998 | 2,152 | 1,158 | 1,000 | 2,158 | 1,161 | 1,002 | 2,162 | 1,163 | 1,004 | 2,166 | 1,166 | 1,005 | 2,170 |
| TOTAL | 53,164 | 50,813 | 103,978 | 53,343 | 50,937 | 104,280 | 53,509 | 51,044 | 104,553 | 53,629 | 51,139 | 104,768 | 53,745 | 51,220 | 104,966 | 53,857 | 51,288 | 105,145 |
| DIVISION | 2015 | | | 2016 | | | 2017 | | | 2018 | | | 2019 | | | 2020 | | |
| | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL |
| Tongatapu | 36,711 | 35,413 | 72,129 | 36,778 | 35,436 | 72,218 | 36,778 | 35,431 | 72,215 | 36,782 | 35,420 | 72,209 | 36,788 | 35,406 | 72,200 | 36,796 | 35,387 | 72,190 |
| Vava'u | 8,761 | 8,164 | 16,923 | 8,777 | 8,170 | 16,944 | 8,777 | 8,168 | 16,943 | 8,778 | 8,166 | 16,942 | 8,779 | 8,163 | 16,940 | 8,781 | 8,158 | 16,938 |
| Ha'apai | 4,469 | 4,294 | 8,764 | 4,477 | 4,297 | 8,775 | 4,477 | 4,296 | 8,774 | 4,478 | 4,295 | 8,773 | 4,478 | 4,293 | 8,772 | 4,479 | 4,291 | 8,771 |
| 'Eua | 2,854 | 2,462 | 5,313 | 2,859 | 2,464 | 5,320 | 2,859 | 2,463 | 5,320 | 2,859 | 2,463 | 5,319 | 2,860 | 2,462 | 5,319 | 2,861 | 2,460 | 5,318 |
| Niuas | 1,168 | 1,006 | 2,173 | 1,170 | 1,007 | 2,176 | 1,170 | 1,007 | 2,176 | 1,170 | 1,006 | 2,176 | 1,171 | 1,006 | 2,175 | 1,171 | 1,005 | 2,175 |
| TOTAL | 53,963 | 51,339 | 105,302 | 54,061 | 51,373 | 105,433 | 54,062 | 51,365 | 105,428 | 54,067 | 51,350 | 105,419 | 54,076 | 51,329 | 105,406 | 54,088 | 51,302 | 105,391 |
| DIVISION | 2021 | | | 2022 | | | 2023 | | | 2024 | | | 2025 | | | 2026 | | |
| | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL | MALES | FEMALES | TOTAL |
| Tongatapu | 36,807 | 35,364 | 72,177 | 36,767 | 35,304 | 72,077 | 36,714 | 35,230 | 71,951 | 36,646 | 35,143 | 71,796 | 36,563 | 35,041 | 71,611 | 36,463 | 34,924 | 71,393 |
| Vava'u | 8,784 | 8,153 | 16,935 | 8,774 | 8,139 | 16,911 | 8,762 | 8,122 | 16,882 | 8,745 | 8,102 | 16,845 | 8,726 | 8,078 | 16,802 | 8,702 | 8,051 | 16,751 |
| Ha'apai | 4,481 | 4,288 | 8,770 | 4,476 | 4,281 | 8,757 | 4,469 | 4,272 | 8,742 | 4,461 | 4,261 | 8,723 | 4,451 | 4,249 | 8,701 | 4,439 | 4,235 | 8,674 |
| 'Eua | 2,861 | 2,459 | 5,317 | 2,858 | 2,454 | 5,310 | 2,854 | 2,449 | 5,300 | 2,849 | 2,443 | 5,289 | 2,842 | 2,436 | 5,275 | 2,835 | 2,428 | 5,259 |
| Niuas | 1,171 | 1,005 | 2,175 | 1,170 | 1,003 | 2,172 | 1,168 | 1,001 | 2,168 | 1,166 | 998 | 2,163 | 1,163 | 996 | 2,158 | 1,160 | 992 | 2,151 |
| TOTAL | 54,104 | 51,269 | 105,373 | 54,045 | 51,182 | 105,227 | 53,967 | 51,075 | 105,043 | 53,868 | 50,948 | 104,817 | 53,746 | 50,800 | 104,546 | 53,598 | 50,630 | 104,228 |

Note: Totals may not be tally due to rounding of decimal places to whole numbers