# PAPUA NEW GUINEA
# POPULATION DATA PROJECT

# POPULATION PROJECTIONS
# 2024-2050

# From the National Statistician

The National Statistical Office (NSO) is the leading agency responsible for the collection, compilation, analysis, and dissemination of official statistics. Population data is the fundamental denominator of planning and decision-making for governments of all levels, institutions, development partners and other entities which strive to contribute to the development goals of our country.

NSO, in partnership with the United Nations Population Fund (UNFPA), has released the 2024 – 2050 Population Projection for PNG, that was generated through the use of data from the population censuses and surveys to respond to the demand for up-to-date data.

Population projections are numerical estimates of future population size and age-sex composition. They are usually obtained by extrapolation of past and current population size, structure, and components (mortality, fertility, and migration). Population projections are fundamental inputs to social and economic planning. The estimates identify potential population size and trends, anticipate the needs that they are likely to create, and provide a basis for judging whether or not efforts should be made to alter current population processes and trends.

Population projections are needed by Papua New Guinea's government and the general public to know what is likely to happen in the future, to know what to expect and, if possible, to anticipate demographic changes of importance to national development. These are an essential requirement for economic and social planners to take account of the future population when formulating development plans or seeking to improve the socio-economic conditions of PNG. For example, planners can use the projected number of school students of a certain age and grade to plan for the training of teachers, the building of schools, and the preparation of teaching materials.

Progressing the generation of the Population Projections would not have been successful without the financial support from the Australian Government under the AusPNG Partnership. Furthermore, the continued support from the UNFPA in providing technical leadership is highly appreciated.

Gratitude is also extended to Dr. Ricardo Neupert for providing his technical expertise and assistance in generating the projections of PNG's population and to Dr. Rogelio Fernandez-Castilla for sharing his insights in this exercise. I am also indebted to the NSO Project Management Team for their tireless efforts in managing the technical and administrative aspects for the successful generation of the 2024 – 2050 Population Projections for PNG.

Mr. John Igitoi
National Statistician

## National Population Projections 2024-2050
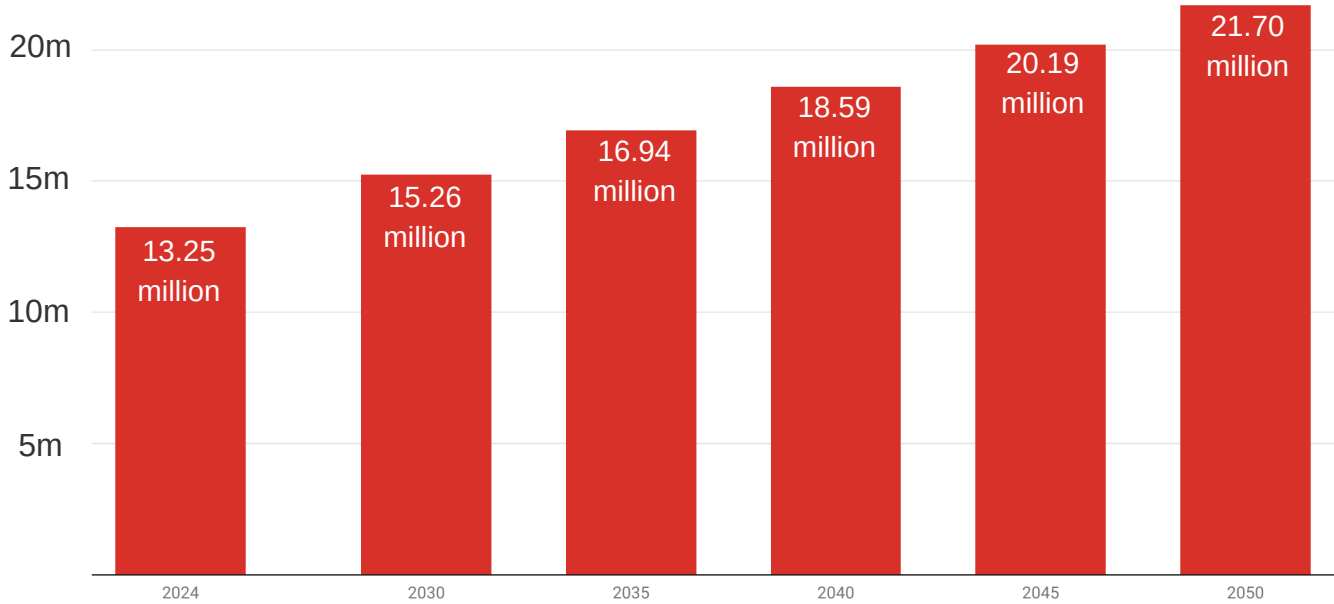


## National Population Projections by Age 2025-2050

| Age | 2025 | 2030 | 2040 | 2050 |
|---|---|---|---|---|
| Total | 13,581,614 | 15,260,483 | 18,596,012 | 21,702,892 |
| 0 - 4 | 1,842,669 | 1,912,270 | 1,962,275 | 1,926,792 |
| 5 - 9 | 1,640,799 | 1,833,726 | 1,947,980 | 1,949,334 |
| 10 - 14 | 1,538,773 | 1,636,787 | 1,900,423 | 1,952,795 |
| 15 - 19 | 1,456,572 | 1,534,205 | 1,825,471 | 1,941,052 |
| 20 - 24 | 1,313,469 | 1,449,966 | 1,626,633 | 1,891,126 |
| 25 - 29 | 1,156,227 | 1,306,149 | 1,521,320 | 1,813,389 |
| 30 - 34 | 1,014,254 | 1,148,955 | 1,435,620 | 1,613,938 |
| 35 - 39 | 871,620 | 1,006,490 | 1,290,980 | 1,507,339 |
| 40 - 44 | 718,848 | 862,634 | 1,131,746 | 1,418,532 |
| 45 - 49 | 579,786 | 707,935 | 985,065 | 1,268,934 |
| 50 - 54 | 463,970 | 566,250 | 834,932 | 1,102,277 |
| 55 - 59 | 343,951 | 447,117 | 672,753 | 945,167 |
| 60 - 64 | 241,994 | 324,490 | 522,291 | 782,036 |
| 65 - 69 | 182,245 | 220,174 | 392,403 | 604,662 |
| 70 - 74 | 115,360 | 155,863 | 261,405 | 435,921 |
| 75 - 79 | 57,675 | 89,039 | 152,850 | 288,059 |
| 80+ | 43,402 | 58,433 | 131,865 | 261,539 |

## National Population Pyramids 2025, 2030, 2040, and 2050

■ Male ■ Female
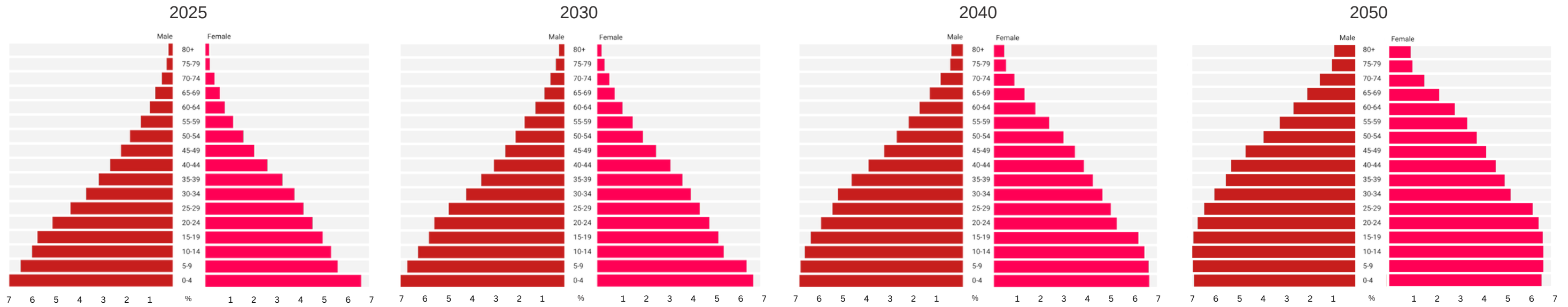


## National Population Projections 2025, 2030, 2040, and 2050

| Age | 2025 | | | 2030 | | | 2040 | | | 2050 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Total | 13,581,614 | 7,071,401 | 6,510,213 | 15,260,483 | 7,914,862 | 7,345,621 | 18,596,012 | 9,592,159 | 9,003,853 | 21,702,892 | 11,155,554 | 10,547,338 |
| 0 - 4 | 1,842,669 | 943,430 | 899,239 | 1,912,270 | 978,675 | 933,595 | 1,962,275 | 1,004,847 | 957,428 | 1,926,792 | 987,055 | 939,737 |
| 5 - 9 | 1,640,799 | 878,679 | 762,120 | 1,833,726 | 938,821 | 894,905 | 1,947,980 | 997,347 | 950,633 | 1,949,334 | 998,574 | 950,760 |
| 10 - 14 | 1,538,773 | 812,388 | 726,385 | 1,636,787 | 876,391 | 760,396 | 1,900,423 | 972,541 | 927,882 | 1,952,795 | 1,000,047 | 952,748 |
| 15 - 19 | 1,456,572 | 781,062 | 675,510 | 1,534,205 | 809,753 | 724,452 | 1,825,471 | 934,296 | 891,175 | 1,941,052 | 993,601 | 947,451 |
| 20 - 24 | 1,313,469 | 695,294 | 618,175 | 1,449,966 | 777,139 | 672,827 | 1,626,633 | 870,466 | 756,167 | 1,891,126 | 967,394 | 923,732 |
| 25 - 29 | 1,156,227 | 590,996 | 565,231 | 1,306,149 | 691,170 | 614,979 | 1,521,320 | 802,433 | 718,887 | 1,813,389 | 927,706 | 885,683 |
| 30 - 34 | 1,014,254 | 500,850 | 513,404 | 1,148,955 | 587,233 | 561,722 | 1,435,620 | 769,236 | 666,384 | 1,613,938 | 863,575 | 750,363 |
| 35 - 39 | 871,620 | 427,338 | 444,282 | 1,006,490 | 497,000 | 509,490 | 1,290,980 | 683,171 | 607,809 | 1,507,339 | 795,187 | 712,152 |
| 40 - 44 | 718,848 | 359,697 | 359,151 | 862,634 | 422,811 | 439,823 | 1,131,746 | 578,403 | 553,343 | 1,418,532 | 760,167 | 658,365 |
| 45 - 49 | 579,786 | 300,131 | 279,655 | 707,935 | 353,856 | 354,079 | 985,065 | 485,991 | 499,074 | 1,268,934 | 671,209 | 597,725 |
| 50 - 54 | 463,970 | 246,277 | 217,693 | 566,250 | 292,373 | 273,877 | 834,932 | 408,039 | 426,893 | 1,102,277 | 562,229 | 540,048 |
| 55 - 59 | 343,951 | 184,261 | 159,690 | 447,117 | 236,112 | 211,005 | 672,753 | 334,029 | 338,724 | 945,167 | 463,880 | 481,287 |
| 60 - 64 | 241,994 | 130,398 | 111,596 | 324,490 | 172,311 | 152,179 | 522,291 | 266,372 | 255,919 | 782,036 | 378,221 | 403,815 |
| 65 - 69 | 182,245 | 98,871 | 83,374 | 220,174 | 117,109 | 103,065 | 392,403 | 203,270 | 189,133 | 604,662 | 295,174 | 309,488 |
| 70 - 74 | 115,360 | 63,809 | 51,551 | 155,863 | 83,095 | 72,768 | 261,405 | 135,073 | 126,332 | 435,921 | 217,006 | 218,915 |
| 75 - 79 | 57,675 | 33,313 | 24,362 | 89,039 | 48,176 | 40,863 | 152,850 | 78,387 | 74,463 | 288,059 | 144,481 | 143,578 |
| 80+ | 43,402 | 24,607 | 18,795 | 58,433 | 32,837 | 25,596 | 131,865 | 68,258 | 63,607 | 261,539 | 130,048 | 131,491 |

# Southern Region Population by Province (2024-2050)
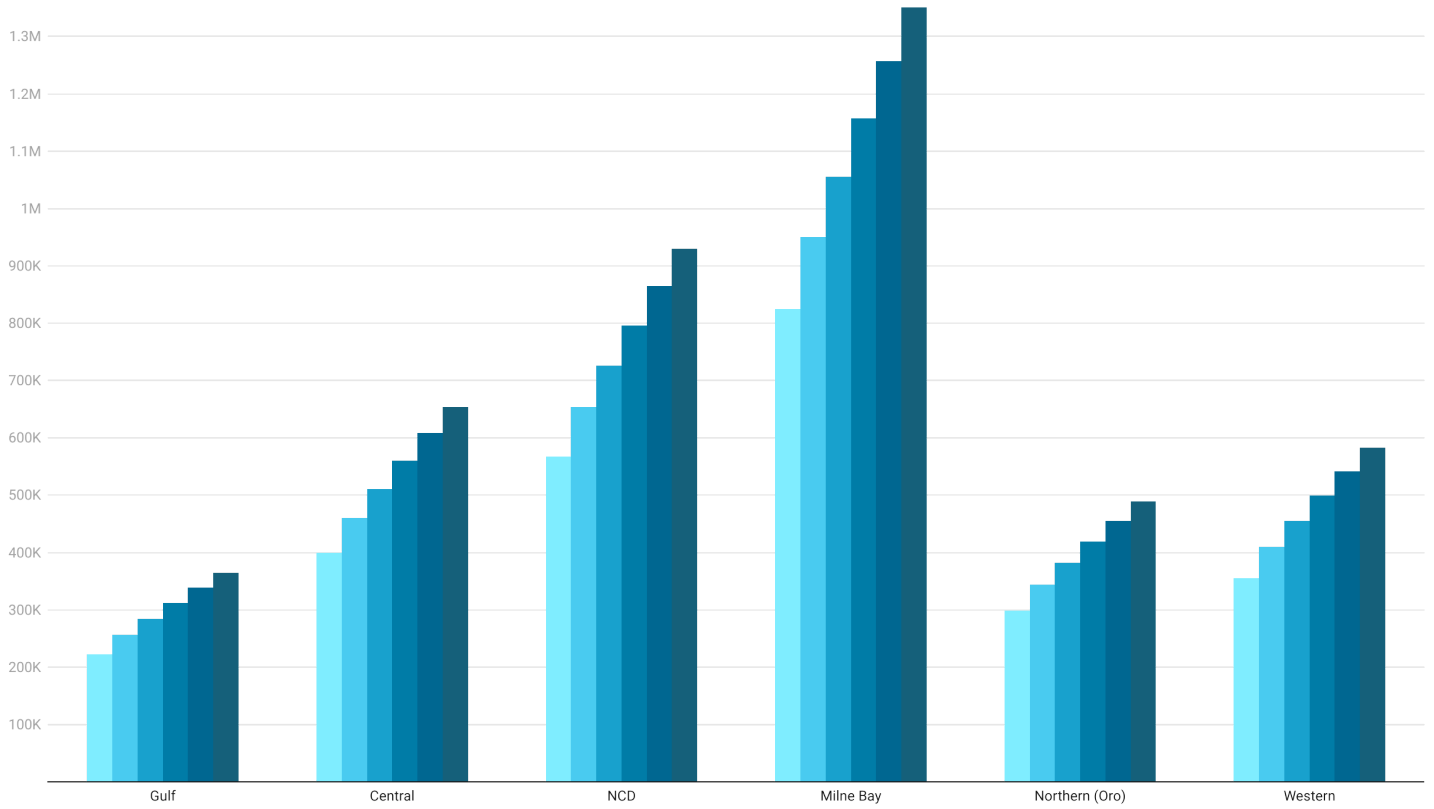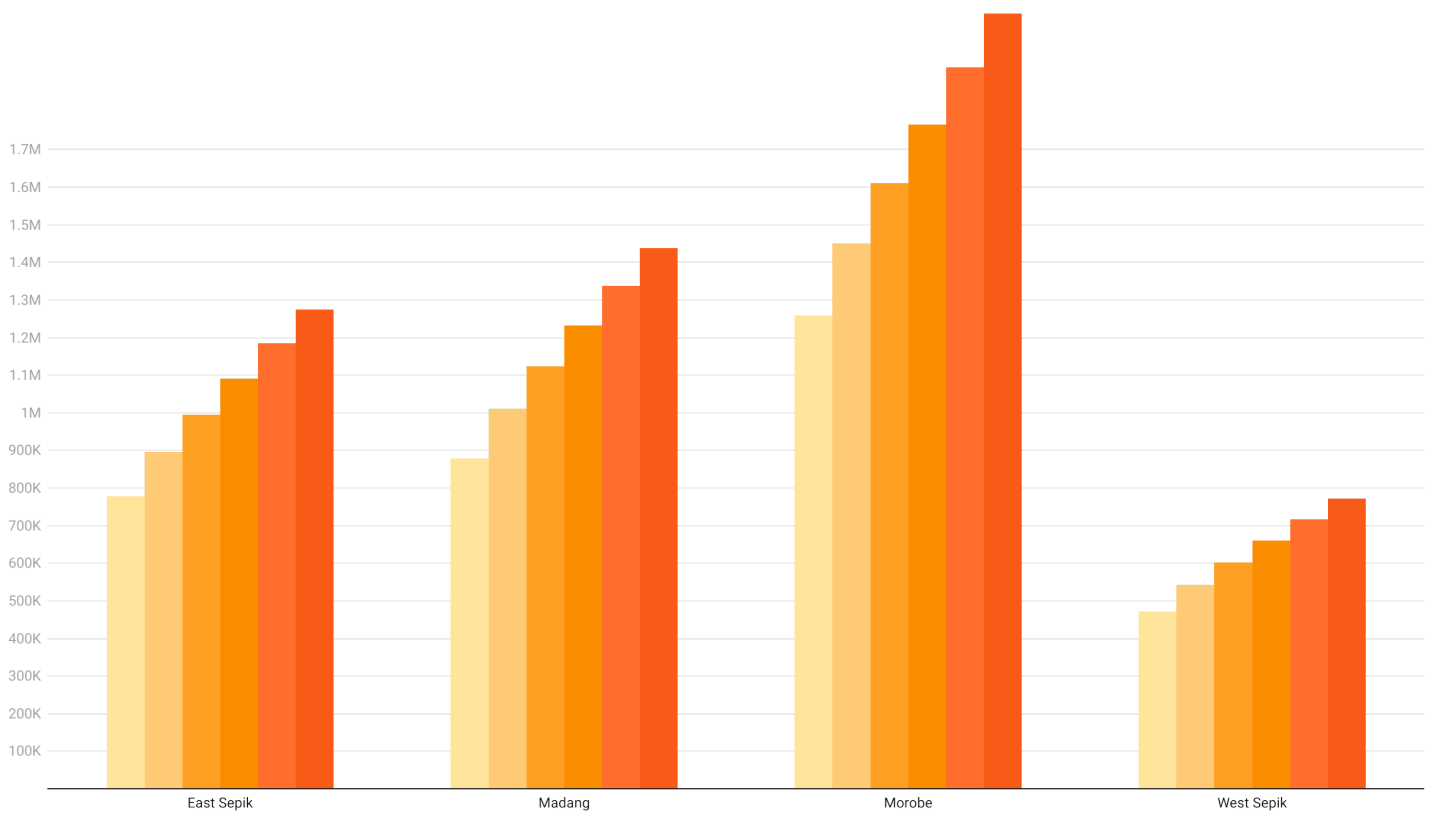
# Highlands Region Population by Province (2024-2050)
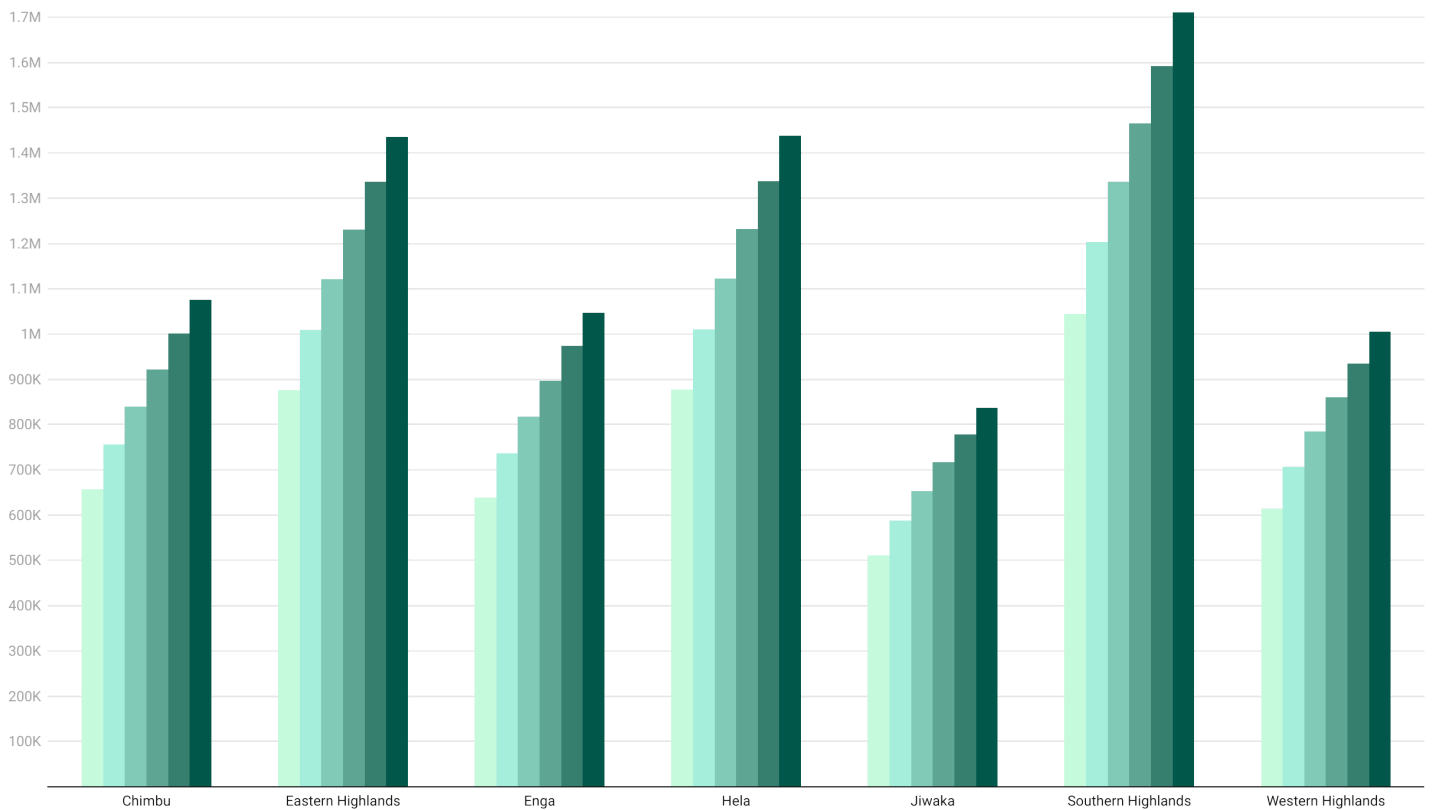
# Momase Region Population by Province (2024-2050)

Legend: 2024 2030 2035 2040 2045 2050



(Chart categories: East Sepik, Madang, Morobe, West Sepik. Y-axis: 100K to 1.7M)

# New Guinea Islands Region Population by Province (2024-2050)

Legend: 2024 2030 2035 2040 2045 2050



(Chart categories: Autonomous Region of Bougainville., East New Britain, Manus, New Ireland, West New Britain. Y-axis: 100K to 1.1M)