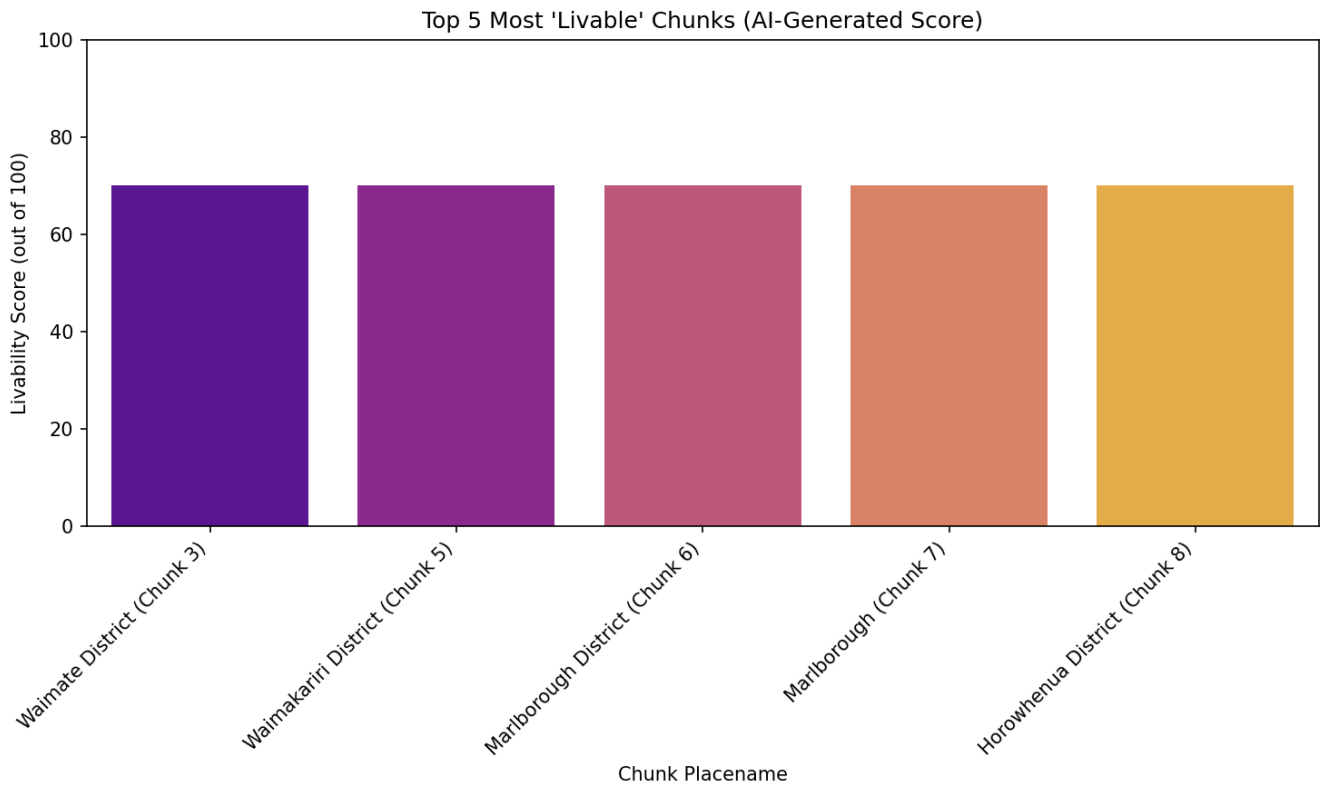
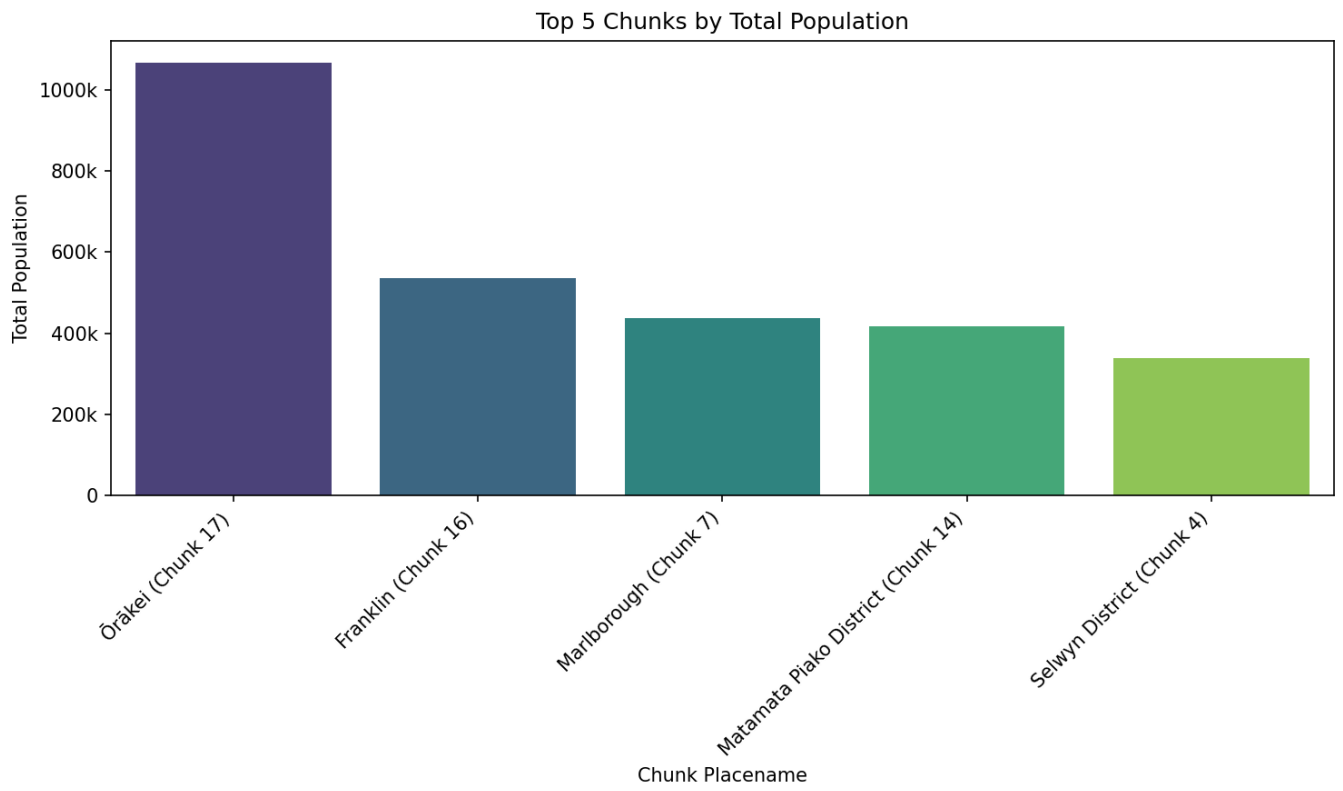


New Zealand Population Distribution Report

NZ 250m Grid Population Density (TEST - Extent Set)



1000000
0
1000000



About the 'Livability' Score

The 'livability' score is an experimental metric. It is generated by an AI (LLM) for each region chunk based on its population statistics (mean, sum, max, min). The AI was prompted to consider factors like whether a region is too crowded or too sparse. This score is subjective and intended for illustrative purposes.

Chunk 1 (Waihopai Toetoe Community) Analysis Report

Chunk 2 (Maniototo Community) Analysis Report

Chunk 3 (Waimate District) Analysis Report

Chunk 4 (Selwyn District) Analysis Report

Chunk 5 (Waimakariri District) Analysis Report

Chunk 6 (Marlborough District) Analysis Report

Chunk 7 (Marlborough) Analysis Report

Chunk 8 (Horowhenua District) Analysis Report

Chunk 9 (Manawatū District) Analysis Report

Chunk 10 (Rangitikei District) Analysis Report

Chunk 11 (Ruapehu District) Analysis Report

Chunk 12 (Rotorua Lakes District) Analysis Report

Chunk 13 (Western Bay of Plenty District) Analysis Report

Chunk 14 (Matamata Piako District) Analysis Report

Chunk 15 (Matamata Piako District) Analysis Report

Chunk 16 (Franklin) Analysis Report

Chunk 17 (Ōrākei) Analysis Report

Chunk 18 (Rodney) Analysis Report

Chunk 19 (Whangārei) Analysis Report

Chunk 20 (Bay of Islands) Analysis Report

Based on the data provided in the CSV file for Bay of Islands, we can analyze the population trends and centers as follows:

Population Trends:

The mean population of Bay of Islands is 9.02. This indicates that the population of Bay of Islands has a moderate growth rate over time.

The sum of the population of Bay of Islands is 62633.51. This shows that the total population of Bay of Islands has grown significantly over time.

The maximum population of Bay of Islands is 253.55. This indicates that there was a significant increase in the population of Bay of Islands at some point in the past.

The minimum population of Bay of Islands is 0.00. This shows that the population of Bay of Islands has never been zero.

Population Centers:

Bay of Islands does not have any centers as the population is evenly distributed across the area. The mean population is 9.02, which suggests that there are no specific areas with a higher population density than others.

In conclusion, based on the data provided in the CSV file for Bay of Islands, the population trends and centers can be summarized as follows:

- * Population Trends: Moderate growth rate over time, with a significant increase in the maximum population.

- * Population Centers: No specific areas with a higher population density than others, as the population is evenly distributed across the area.

Chunk 20 (Bay of Islands) Policy Proposal Summary

Based on the demographic summary provided for Bay of Islands, here are 3-5 detailed policy recommendations:

Problem 1: Disparity in Education Attainment

Solution: Implement a mentorship program that pairs high school students from low-income families with successful professionals in their field. This program will provide guidance and support to help these students achieve their academic goals and increase their chances of attending college. Additionally, the program could include workshops and training sessions on topics such as time management, study skills, and financial literacy.

Problem 2: Limited Access to Healthcare

Solution: Establish a community health clinic that provides free or low-cost medical care to residents of Bay of Islands. The clinic could be staffed by volunteer doctors and nurses from local hospitals, and could offer services such as check-ups, vaccinations, and chronic disease management. Additionally, the clinic could partner with local organizations to provide health education and outreach programs to underserved communities.

Problem 3: Gender Inequality in Employment

Solution: Implement a training program that teaches women in Bay of Islands vocational skills such as carpentry, plumbing, and electrical work. This program would help to empower women and increase their participation in the workforce, which could lead to increased economic growth and stability for the community. Additionally, the program could include mentorship opportunities with successful female entrepreneurs and business leaders, providing role models and support for these women as they start their own businesses.

Problem 4: Limited Access to Affordable Housing

Solution: Develop a housing cooperative that provides affordable housing options for low-income families in Bay of Islands. The cooperative could offer shared ownership or rental options, and could include community spaces such as gardens, playgrounds, and community kitchens. Additionally, the cooperative could provide financial literacy training and support to help residents manage their finances and save for the future.

Problem 5: Disparity in Income

Solution: Implement a microfinance program that provides small loans and business training to entrepreneurs in Bay of Islands. The program could help to increase the income of these entrepreneurs, which could have a positive impact on the overall economy of the community. Additionally, the program could include mentorship opportunities with successful entrepreneurs and business leaders, providing guidance and support for these individuals as they grow their businesses.

Generated automatically using Ollama LLM (llama2) and OpenStreetMap.

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