

DATASET: The United States Census Bureau's international

This dataset provides estimates of country populations since 1950 and projections through 2050. Specifically, the dataset includes midyear population figures broken down by age and gender assignment at birth. Additionally, time-series data is provided for attributes including fertility rates, birth rates, death rates, and migration rates.

QUERIES:

1. QUERY 1- Find all the countries and their areas by midyear population and year. [Limit to 10]

<https://console.cloud.google.com/bigquery?sq=590715706182:9a4159e916d14c4db6eabe819c9c44c5>

CODE:

```
SELECT *  
FROM `bigquery-public-data.census_bureau_international.country_names_area` as a  
LEFT JOIN `bigquery-public-data.census_bureau_international.midyear_population` as b  
on a.country_name = b.country_name  
LIMIT 10
```

2. QUERY 2- Find all the country areas by midyear population in descending order. [Limit to 10]

<https://console.cloud.google.com/bigquery?sq=590715706182:23e9bb6eb2ba4c4f95d5f6583ae0222d>

CODE:

```
SELECT a.country_code, a.country_area, b.country_code, b.midyear_population  
FROM `bigquery-public-data.census_bureau_international.country_names_area` as a  
INNER JOIN `bigquery-public-data.census_bureau_international.midyear_population` as b  
on a.country_code = b.country_code  
ORDER BY midyear_population desc  
LIMIT 10
```

3. QUERY 3- Find the countries by their life expectancy. [Limit to 10]

<https://console.cloud.google.com/bigquery?sq=590715706182:11c29436e6f14a2e838f451d3078e506>

CODE:

```
SELECT a.country_code, a.country_name, b.country_code, b.life_expectancy  
FROM `bigquery-public-data.census_bureau_international.country_names_area` as a  
INNER JOIN `bigquery-public-data.census_bureau_international.mortality_life_expectancy` as b  
on a.country_code = b.country_code  
LIMIT 10
```

4. QUERY 4- Write a query that gives life expectancies of male and female every year with infant mortality 20 or more. [Limit to 10]

<https://console.cloud.google.com/bigquery?sq=590715706182:a8bc62b3e4dd443980c981445b4fe54b>

CODE:

```
SELECT life_expectancy_male, life_expectancy_female
FROM `bigquery-public-data.census_bureau_international.mortality_life_expectancy`
WHERE infant_mortality >=20
ORDER BY year
LIMIT 10
```

5. QUERY 5- Give the count of infant mortality rate for female in 'under 5' category in each country. [Limit to 10]

<https://console.cloud.google.com/bigquery?sq=590715706182:62da3a943c8045ddb5e1cac5c463b0b8>

CODE:

```
SELECT count(infant_mortality_female) as count_infantmort_female
FROM `bigquery-public-data.census_bureau_international.mortality_life_expectancy`
GROUP BY mortality_rate_under5, country_name
LIMIT 10
```

6. QUERY 6- Give me a query that will give the average Birth and Death rates in country name category. [Limit to 10]

<https://console.cloud.google.com/bigquery?sq=590715706182:658fd0b9fba142ec9f3f10ba7e8da8be>

CODE:

```
SELECT avg(crude_birth_rate) as avg_birth, avg(crude_death_rate) as avg_death
FROM `bigquery-public-data.census_bureau_international.birth_death_growth_rates`
GROUP BY country_name
LIMIT 10
```

7. QUERY 7- Give minimum of total fertility rate under categories country name and year. [Limit to 10]

<https://console.cloud.google.com/bigquery?sq=590715706182:dbeab22b2ce24ddb9e6c2bf0afa72f52>

CODE:

```
SELECT min(total_fertility_rate) as Min_Total_FertilityRate
FROM `bigquery-public-data.census_bureau_international.age_specific_fertility_rates`
GROUP BY country_name, year
LIMIT 10
```

8. QUERY 8- Find the total fertility rate of countries by infant mortality rate. [Limit to 10]

<https://console.cloud.google.com/bigquery?sq=590715706182:25a4c0f98451414188494218c832b27f>

CODE:

```
SELECT a.total_fertility_rate,b.infant_mortality
FROM `bigquery-public-data.census_bureau_international.age_specific_fertility_rates` as a
INNER JOIN `bigquery-public-
data.census_bureau_international.mortality_life_expectancy` as b
on a.country_name = b.country_name
LIMIT 10
```

9. QUERY 9- Give a query that has countries with area more than 2500000. [Limit to 10]  
<https://console.cloud.google.com/bigquery?sq=590715706182:88d2d461164c4bf7ba58b84ae921bddb>

CODE:

```
SELECT * FROM `bigquery-public-data.census_bureau_international.country_names_area`  
WHERE country_area >= 2500000  
LIMIT 10
```

10. QUERY 10- Find the country names by midyear population in descending order. [Limit to 10]  
<https://console.cloud.google.com/bigquery?sq=590715706182:7dd4ed11e47a49ff805418601985fed7>

CODE:

```
SELECT country_name  
FROM `bigquery-public-data.census_bureau_international.midyear_population`  
ORDER BY midyear_population desc  
LIMIT 10
```