TECHNICAL NOTES

The tabulations and indicators available in this application are based on the population living in private households who were usually resident in Suriname at the time of the 2012 census. Information about households and persons is available at national level and for districts (albeit with some of the smaller districts combined).

The main purpose of these technical notes is to document the methods used to calculate the social and demographic indicators available in the application. For each indicator, the numerator and denominator are defined with reference to the response categories for each variable which can be consulted in the data dictionary.

In the application, users are able to apply additional filters in order that the indicators are calculated for particular population subgroups. For example, applying the filter PERSON.AGE>=60 would calculate the indicators for persons aged 60 and over (the filter is applied to both the indicator's numerator and denominator). In REDATAM, variables belong to entities and are identified using the format ENTITYNAME.VARIABLENAME, for example PERSON.AGE or HHOLD.INTERNET. Users should consult the information in the data dictionary in order to define appropriate filters.

In order to protect data confidentiality, the indicators are not calculated for geographic areas which only contain a small number of the relevant cases. Therefore, some tables which are requested may contain empty cells.

SOCIAL AND DEMOGRAPHIC INDICATORS

EDUCATION
Attendance
      Attending an educational institution (%)
            (PERSON.SCHOOL=1) / (PERSON.SCHOOL >=0 AND PERSON.SCHOOL <=2)
      Not in education (%)
            (PERSON.SCHOOL=0 OR PERSON.SCHOOL=2) / (PERSON.SCHOOL >=0 AND
            PERSON.SCHOOL <=2)
Level of education
      Persons with junior secondary education (%)
            (PERSON.EDUCSR>=20 AND PERSON.EDUCSR<=52) / (PERSON.EDUCSR>=1 AND
            PERSON.EDUCSR<=52)
      Persons with senior secondary education (%)
            (PERSON.EDUCSR>=31 AND PERSON.EDUCSR<=52) / (PERSON.EDUCSR>=1 AND
            PERSON.EDUCSR<=52)
      Persons with tertiary education (%)
            (PERSON.EDUCSR=52) / (PERSON.EDUCSR>=1 AND PERSON.EDUCSR<=52)

ECONOMIC ACTIVITY
Person level
      Persons seeking work (%)
            (PERSON.EMPSTA_R=2) / (PERSON.EMPSTA_R>=1 AND PERSON.EMPSTA_R<=3)
      Persons in work (%)
            (PERSON.EMPSTA_R=1) / (PERSON.EMPSTA_R>=1 AND PERSON.EMPSTA_R<=3)

Persons seeking work or in work (%)

(PERSON.EMPSTA_R>=1 AND PERSON.EMPSTA_R<=2)/ (PERSON.EMPSTA_R>=1 AND PERSON.EMPSTA_R<=3)

Household level

Households with 1 or more persons in work (%)

(Number of households with at least 1 person for whom PERSON.EMPSTA_R = 1) / (Number of households where all persons aged 15 and over provided valid responses i.e. PERSON.EMPSTA_R >= 1 AND PERSON.EMPSTA_R <= 3)

Households with 2 or more persons in work (%)

(Households with at least 2 persons...

DISABILITY

Persons with disabilities

Persons with disabilities by type

Persons responding either "3 Yes - Lots of Difficulty" or "4 Cannot do (it) at all" to any of the six "types" of disability

Seeing

(PERSON.WGVISION>=3 AND PERSON.WGVISION<=4)

Hearing

(PERSON.WGHEAR>=3 AND PERSON.WGHEAR<=4)

...

Prevalence of disability by type

Persons with disabilities (%)

Persons responding either "3 Yes - Lots of Difficulty" or "4 Cannot do (it) at all" to one of the six "types" of disability as a percentage of all those providing valid responses to that question

Seeing (%)

(PERSON.WGVISION>=3 AND PERSON.WGVISION<=4) / (PERSON.WGHEAR>=3 AND PERSON.WGHEAR<=4)

Hearing (%)

(PERSON.WGVISION>=3 AND PERSON.WGVISION<=4) / (PERSON.WGHEAR>=3 AND PERSON.WGHEAR<=4)

...

HOUSING

Person level

Persons living in owner occupied housing (%)

(HHOLD.OWNSHIP=100) / (HHOLD.OWNSHIP>=100 AND HHOLD.OWNSHIP<=290)

Persons living in rented housing (%)

(HHOLD.OWNSHIP=211 OR HHOLD.OWNSHIP=214 OR HHOLD.OWNSHIP=231) / (HHOLD.OWNSHIP>=100 AND HHOLD.OWNSHIP<=290)

Household level

Owner occupied households (%)

(HHOLD.OWNSHIP=100) / (HHOLD.OWNSHIP>=100 AND HHOLD.OWNSHIP<=290) (%)

Households renting (%)

(HHOLD.OWNSHIP=211 OR HHOLD.OWNSHIP=214 OR HHOLD.OWNSHIP=231) / (HHOLD.OWNSHIP>=100 AND HHOLD.OWNSHIP<=290)

HOUSEHOLD APPLIANCES
Households owning appliances
- Hot water heater (%)
  - (HHOLD.HOTWATER = 2) / (HHOLD.HOTWATER >= 1 AND HHOLD.HOTWATER <= 2)
- Washing machine (%)
  - (HHOLD.WASHER = 2) / (HHOLD.WASHER >= 1 AND HHOLD.WASHER <= 2)
- Freezer (%)
  - (HHOLD.FREEZER = 2) / (HHOLD.FREEZER >= 1 AND HHOLD.FREEZER <= 2)
- …

UNMET BASIC NEEDS (UBN)
Person level
- UBN for housing (%)
  - The percentage of persons living in overcrowded housing (> 2 persons per room) OR HHOLD.WALL = 203 OR HHOLD.OWNSHIP = 240
- UBN for water (%)
  - The percentage of persons living in households for which HHOLD.WATSUP=20
- UBN for sanitation (%)
  - HHOLD.TOILET = 10
- UBN for electricity (%)
  - HHOLD.ELECTRIC = 2
- UBN for clean fuel (%)
  - HHOLD.FUELCOOK = 42 OR HHOLD.FUELCOOK = 56 OR HHOLD.FUELCOOK = 72
- UBN for refuse collection (%)
  - HHOLD.TRASH = 25 OR HHOLD.TRASH = 32 OR HHOLD.TRASH = 22
- UBN for information (e.g. no TV, no radio and no internet) (%)
  - HHOLD.TV = 10 AND HHOLD.RADIO = 1 AND HHOLD.INTERNET = 1
- One or more UBNs (%)
  - The percentage of persons living in households with one or more UBN
- Two or more UBNs (%)
- …

Household level (UBN)
- UBN for housing (%)
  - The percentage of overcrowded households (> 2 persons per room) OR HHOLD.WALL = 203 OR HHOLD.OWNSHIP = 240
- UBN for water (%)
  - The percentage of households for which HHOLD.WATSUP=20
- …
- One or more UBNs (%)
  - The percentage of households with one or more UBN
- Two or more UBNs (%)
- …

TECHNOLOGY
Use of technology
- Households with a telephone (%)
  - The percentage of households for which HHOLD.PHONE=2
- Households with a cellphone (%)

The percentage of households for which HHOLD.CELL=2

Households with a computer (%)

The percentage of households for which HHOLD.COMPUTER=2

Households with an internet connection (%)

The percentage of households for which HHOLD.INTERNET=2

DEMOGRAPHIC INDICATORS

Demographic indicators

Child dependency ratio

(Number of persons aged < 18) / (Number of persons aged 18-59) x 100

Old age dependency ratio

(Number of persons aged 60+) / (Number of persons aged 18-59) x 100

Active population replacement ratio

(Number of persons aged 15-19) / (Number of persons aged 60-64) x 100

Sex ratio

(Number of males) / (Number of females) x 100

Fertility ratio

(Number of children aged <5) / (Number of females aged 15-49) x 100

Population pyramids

Counts of population by age, sex, district and age pyramids