

TECHNICAL NOTES

The tabulations and indicators available in this application are based on the population living in private households who were usually resident in Saint Lucia at the time of the 2022 Census. Information about households and persons is available at national level and for districts.

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.

SOCIAL AND DEMOGRAPHIC INDICATORS

EDUCATION

Attendance

Persons in education (full time, part time or online) (%)
$$\frac{(\text{PERSON.P5_1}=1 \text{ OR } \text{PERSON.P5_1}=2 \text{ OR } \text{PERSON.P5_1}=3)}{(\text{PERSON.P5_1} \geq 0 \text{ AND } \text{PERSON.P5_1} \leq 4)}$$

Persons in education (full time) (%)
$$\frac{(\text{PERSON.P5_1}=1)}{(\text{PERSON.P5_1} \geq 0 \text{ AND } \text{PERSON.P5_1} \leq 4)}$$

Persons in education (part time) (%)
$$\frac{(\text{PERSON.P5_1}=2)}{(\text{PERSON.P5_1} \geq 0 \text{ AND } \text{PERSON.P5_1} \leq 4)}$$

Persons in education (online) (%)
$$\frac{(\text{PERSON.P5_1}=3)}{(\text{PERSON.P5_1} \geq 0 \text{ AND } \text{PERSON.P5_1} \leq 4)}$$

Persons not in education (%)
$$\frac{(\text{PERSON.P5_1}=4)}{(\text{PERSON.P5_1} \geq 0 \text{ AND } \text{PERSON.P5_1} \leq 4)}$$

Level of education

Persons with primary education (%)
$$\frac{(\text{PERSON.P5_4} \geq 4 \text{ AND } \text{PERSON.P5_4} \leq 11)}{(\text{PERSON.P5_4} \geq 1 \text{ AND } \text{PERSON.P5_4} \leq 12)}$$

Persons with secondary education (%)
$$\frac{(\text{PERSON.P5_4} \geq 6 \text{ AND } \text{PERSON.P5_4} \leq 11)}{(\text{PERSON.P5_4} \geq 1 \text{ AND } \text{PERSON.P5_4} \leq 12)}$$

Persons with tertiary education (%)
$$\frac{(\text{PERSON.P5_4}=7 \text{ OR } \text{PERSON.P5_4}=9 \text{ OR } \text{PERSON.P5_4}=10 \text{ OR } \text{PERSON.P5_4}=11)}{(\text{PERSON.P5_4} \geq 1 \text{ AND } \text{PERSON.P5_4} \leq 12)}$$

ECONOMIC ACTIVITY

Persons in employment (for pay or profit) (%)
$$\frac{(\text{PERSON.P7_1_1}=1)}{(\text{PERSON.P7_1_1} \geq 0 \text{ AND } \text{PERSON.P7_1_1} \leq 1)}$$

Persons seeking and available for work (%)
$$\frac{((\text{PERSON.P7_1B}=1 \text{ OR } \text{PERSON.P7_1B}=2) \text{ AND } \text{PERSON.P7_1_1} > 1)}{(\text{PERSON.P7_1B}=1 \text{ OR } \text{PERSON.P7_1B}=2 \text{ OR } \text{PERSON.P7_1_1}=1)}$$

Labour force participants (employed or unemployed) (%)
$$\frac{(\text{PERSON.P7_1_1}=1 \text{ OR } \text{PERSON.P7_1B}=1 \text{ OR } \text{PERSON.P7_1B}=2)}{(\text{PERSON.P7_1_1}=1 \text{ OR } \text{PERSON.P7_1B} \geq 1 \text{ AND } \text{PERSON.P7_1B} \leq 8)}$$

Average gross annual income in EC dollars
Average of PERSON.P8_2A_R

Persons registered with the National Insurance Corporation (%)

$$\frac{(\text{PERSON.P7_4_1}=1 \text{ OR } \text{PERSON.P7_4_2}=1 \text{ OR } \text{PERSON.P7_4_3}=1)}{(\text{PERSON.P7_4_1} \geq 0 \text{ AND } \text{PERSON.P7_4_1} \leq 1 \text{ AND } \text{PERSON.P7_4_2} \geq 0 \text{ AND } \text{PERSON.P7_4_2} \leq 1 \text{ AND } \text{PERSON.P7_4_3} \geq 0 \text{ AND } \text{PERSON.P7_4_3} \leq 1)}$$

HEALTH

Persons with health conditions by type

Persons with a health condition (any type)

$$(\text{PERSON.P4_1_i}=1) \text{ for any } i \in \{1, \dots, 19\}$$

Diabetes

$$(\text{PERSON.P4_1_1}=1)$$

Hypertension

$$(\text{PERSON.P4_1_2}=1)$$

Cancer

$$(\text{PERSON.P4_1_3}=1)$$

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Prevalence rates by type of condition

Persons with a health condition (any type) (%)

$$\frac{(\text{PERSON.P4_1_i}=1) \text{ for any } i \in \{1, \dots, 19\}}{(\text{PERSON.P4_1_i} > 9) \text{ for all } i \in \{1, \dots, 19\}}$$

Diabetes (%)

$$\frac{(\text{PERSON.P4_1_1}=1)}{(\text{PERSON.P4_1_1} \geq 0 \text{ AND } \text{PERSON.P4_1_1} \leq 1)}$$

Hypertension (%)

$$\frac{(\text{PERSON.P4_1_2}=1)}{(\text{PERSON.P4_1_2} \geq 0 \text{ AND } \text{PERSON.P4_1_2} \leq 1)}$$

Cancer (%)

$$\frac{(\text{PERSON.P4_1_3}=1)}{(\text{PERSON.P4_1_3} \geq 0 \text{ AND } \text{PERSON.P4_1_3} \leq 1)}$$

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Average number of health conditions per person

Number of health conditions (i.e. where $\text{PERSON.P4_1_i}=1$ for $i \in \{1, \dots, 19\}$)

Health insurance coverage (%)

Persons covered by health insurance

$$\frac{(\text{PERSON.P4_3_14}=0)}{(\text{PERSON.P4_3_14} \geq 0 \text{ AND } \text{PERSON.P4_3_14} \leq 1)}$$

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

$$(\text{PERSON.P3_1_1} \geq 3 \text{ AND } \text{PERSON.P3_1_1} \leq 4)$$

Hearing

$$(\text{PERSON.P3_1_2} \geq 3 \text{ AND } \text{PERSON.P3_1_2} \leq 4)$$

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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 (%)

$$\frac{(\text{PERSON.P3_1_1} \geq 3 \text{ AND } \text{PERSON.P3_1_1} \leq 4)}{(\text{PERSON.P3_1_1} \geq 1 \text{ AND } \text{PERSON.P3_1_1} \leq 4)}$$
 Hearing (%)

$$\frac{(\text{PERSON.P3_1_2} \geq 3 \text{ AND } \text{PERSON.P3_1_2} \leq 4)}{(\text{PERSON.P3_1_2} \geq 1 \text{ AND } \text{PERSON.P3_1_2} \leq 4)}$$
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HOUSING

Housing tenure

Homeowners (%)

$$\frac{(\text{HHOLD.H2_3A} \geq 1 \text{ AND } \text{HHOLD.H2_3A} \leq 6)}{(\text{HHOLD.H2_3A} \geq 1 \text{ AND } \text{HHOLD.H2_3A} \leq 12)}$$

Renters (%)

$$\frac{(\text{HHOLD.H2_3A} \geq 7 \text{ AND } \text{HHOLD.H2_3A} \leq 10)}{(\text{HHOLD.H2_3A} \geq 1 \text{ AND } \text{HHOLD.H2_3A} \leq 12)}$$

Average number of persons per bedroom

$$\text{HHOLD.NB_PERSONS} / \text{HHOLD.H2_15}$$

Households of inadequate construction (%)

$$(\text{Proportion of households for which } \text{HHOLD.H2_5} = 7 \text{ OR } \text{HHOLD.H2_6} = 6 \text{ OR } \text{HHOLD.H2_6} = 7 \text{ OR } \text{HHOLD.H2_6} = 8)$$

VEHICLES

Households with at least one vehicle (%)

$$\frac{(\text{HHOLD.H2_21} \geq 1 \text{ AND } \text{HHOLD.H2_21} \leq 9)}{(\text{HHOLD.H2_21} \geq 0 \text{ AND } \text{HHOLD.H2_21} \leq 9)}$$

Households with at least two vehicles (%)

$$\frac{(\text{HHOLD.H2_21} \geq 2 \text{ AND } \text{HHOLD.H2_21} \leq 9)}{(\text{HHOLD.H2_21} \geq 0 \text{ AND } \text{HHOLD.H2_21} \leq 9)}$$

HOUSEHOLD APPLIANCES

Households owning appliances

Air conditioning (%)

$$\frac{(\text{EQUIPMENT.H2_20_1} = 1)}{(\text{EQUIPMENT.H2_20_1} \geq 0 \text{ AND } \text{EQUIPMENT.H2_20_1} \leq 1)}$$

Cable TV/satellite

$$\frac{(\text{EQUIPMENT.H2_20_2} = 1)}{(\text{EQUIPMENT.H2_20_2} \geq 0 \text{ AND } \text{EQUIPMENT.H2_20_2} \leq 1)}$$

Clothes dryer (%)

$$\frac{(\text{EQUIPMENT.H2_20_3} = 1)}{(\text{EQUIPMENT.H2_20_3} \geq 0 \text{ AND } \text{EQUIPMENT.H2_20_3} \leq 1)}$$

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TECHNOLOGY

Access to the internet

Households with broadband internet (%)

$$\frac{(\text{EQUIPMENT.H2_19_2} = 1)}{(\text{EQUIPMENT.H2_19_2} \geq 0 \text{ AND } \text{EQUIPMENT.H2_19_2} \leq 1)}$$

Households with mobile internet (%)

$$\frac{(\text{EQUIPMENT.H2_19_1} = 1)}{(\text{EQUIPMENT.H2_19_1} \geq 0 \text{ AND } \text{EQUIPMENT.H2_19_1} \leq 1)}$$

Households with internet of any kind (broadband, smartphone, other) (%)

$(\text{EQUIPMENT.H2_19_1}=1 \text{ OR } \text{EQUIPMENT.H2_19_2}=1 \text{ OR } \text{EQUIPMENT.H2_19_3}=1) /$
 $(\text{EQUIPMENT.H2_19_1} \geq 0 \text{ AND } \text{EQUIPMENT.H2_19_1} \leq 1 \text{ AND } \text{EQUIPMENT.H2_19_2} \geq 0 \text{ AND } \text{EQUIPMENT.H2_19_2} \leq 1 \text{ AND } \text{EQUIPMENT.H2_19_3} \geq 0 \text{ AND } \text{EQUIPMENT.H2_19_3} \leq 1)$

Computing devices

Households with a desktop (one or more) (%)

$(\text{EQUIPMENT.H2_17_1} \geq 1 \text{ AND } \text{EQUIPMENT.H2_17_1} \leq 2) / (\text{EQUIPMENT.H2_17_1} \geq 0 \text{ AND } \text{EQUIPMENT.H2_17_1} \leq 2)$

Households with a laptop (one or more) (%)

$(\text{EQUIPMENT.H2_17_2} \geq 1 \text{ AND } \text{EQUIPMENT.H2_17_2} \leq 3) / (\text{EQUIPMENT.H2_17_2} \geq 0 \text{ AND } \text{EQUIPMENT.H2_17_2} \leq 3)$

Households with a tablet (one or more) (%)

$(\text{EQUIPMENT.H2_17_3} \geq 1 \text{ AND } \text{EQUIPMENT.H2_17_3} \leq 3) / (\text{EQUIPMENT.H2_17_3} \geq 0 \text{ AND } \text{EQUIPMENT.H2_17_3} \leq 3)$

Households with a desktop, laptop or tablet (one or more) (%)

$(\text{EQUIPMENT.H2_17_1} \geq 1 \text{ OR } \text{EQUIPMENT.H2_17_2} \geq 1 \text{ OR } \text{EQUIPMENT.H2_17_3} \geq 1) /$
 $(\text{EQUIPMENT.H2_17_1} \geq 0 \text{ AND } \text{EQUIPMENT.H2_17_2} \geq 0 \text{ AND } \text{EQUIPMENT.H2_17_3} \geq 0)$

CRIME

Households that were victims of crime (last 12 months) (%)

$(\text{HHOLD.H2_22}=1) / (\text{HHOLD.H2_22} \geq 1 \text{ AND } \text{HHOLD.H2_22} \leq 2)$

UNMET BASIC NEEDS (UBN)

UBN for housing (%)

The percentage of persons/households living in overcrowded or inadequately constructed homes (> 3 persons per bedroom) OR $\text{HHOLD.H2_5} = 7$ OR $\text{HHOLD.H2_6} = 6$ OR $\text{HHOLD.H2_6} = 7$ OR $\text{HHOLD.H2_6} = 8$ OR $\text{HHOLD.H2_3A} = 11$

UBN for water (%)

The percentage of persons/households for which $\text{HHOLD.H2_8}=7$ OR $\text{HHOLD.H2_9}=8$ OR $\text{HHOLD.H2_9}=9$ OR $\text{HHOLD.H2_10}=7$ OR $\text{HHOLD.H2_10}=12$

UBN for sanitation (%)

$\text{HHOLD.H2_11A}=5$ OR $\text{HHOLD.H2_11A}=7$ OR $\text{HHOLD.H2_11A}=8$ OR $\text{HHOLD.H2_11A}=9$

UBN for light (%)

$\text{HHOLD.H2_12}=3$ OR $\text{HHOLD.H2_12}=4$ OR $\text{HHOLD.H2_12}=6$ OR $\text{HHOLD.H2_12}=7$

UBN for clean cooking fuel (%)

$\text{HHOLD.H2_13}=1$ OR $\text{HHOLD.H2_13}=2$ OR $\text{HHOLD.H2_13}=8$

UBN for refuse collection (%)

$\text{EQUIPMENT.H2_16_6}=1$ OR $\text{EQUIPMENT.H2_16_7}=1$ OR $\text{EQUIPMENT.H2_16_8}=1$ OR $\text{EQUIPMENT.H2_16_9}=1$

UBN for information (i.e. no TV, no radio and no internet) (%)

$\text{EQUIPMENT.H2_20_15}=0$ AND $\text{EQUIPMENT.H2_20_17}=0$ AND
 $\text{EQUIPMENT.H2_18_1}=0$ AND $\text{EQUIPMENT.H2_18_2}=0$

One or more UBNs (%)

The percentage of persons/households with one or more UBN

Two or more UBNs (%)

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DEMOGRAPHIC INDICATORS

Demographic indicators

Child dependency ratio

$$(\text{Number of persons aged } < 18) / (\text{Number of persons aged } 18-59) \times 100$$

Old age dependency ratio

$$(\text{Number of persons aged } 60+) / (\text{Number of persons aged } 18-59) \times 100$$

Active population replacement ratio

$$(\text{Number of persons aged } 15-19) / (\text{Number of persons aged } 60-64) \times 100$$

Sex ratio

$$(\text{Number of males}) / (\text{Number of females}) \times 100$$

Fertility ratio

$$(\text{Number of children aged } < 5) / (\text{Number of females aged } 15-49) \times 100$$

Population pyramids

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