

ECLAC Online Regional Training Workshop on Measuring SDG Indicators through Population and Housing Census data

Agenda

Module 1: Introduction to REDATAM, Databases and Basic Tabulations

- 09:30 – 09:45 Opening remarks (CELADE, UN ECLAC and ECLAC POS)
- 09:45 – 10:00 Opening remarks (United Nations Statistics Division UNSD)
- 10:00 – 10:30 Technical report UNSD “Measuring SDG Indicators through Population and Housing Census and Civil Registration Data”
- 10:30 – 11:00 Introduction to REDATAM, files handled in REDATAM (project, dictionary, syntax, styles). Examine a census database. Simple tables FREQUENCY, AVERAGE, AREALIST
- 11:00 – 11:15 Coffee break
- 11:15 – 12:30 Basic programming in REDATAM, Tables, Using FILTERS and AREABREAK
Exercise:
SDG Indicator 6.1.1 Proportion of population using safely managed drinking water services.
SDG Indicator 6.2.1 Proportion of population using safely managed sanitation services, including a hand-washing facility with soap and water
- 14:30-17:00 Individual daily exercise:
SDG Indicator 7.1.1 Proportion of population with access to electricity
SDG Indicator 7.1.2 Proportion of population with primary reliance on clean fuels and technology.

Module 2: Calculation of SDG indicators disaggregated by geography

- 09:30 – 11:00 Command Editor: Basic command
Using intermediate variables for the creation of indicators
Function COUNT
Create indicator at geographic levels (calculate percentages using numerator and denominator definition)
Using Filters
- 11:00 – 11:15 Coffee break
- 11:15 – 12:30 Geographic selections
Definition of age groups, urban-rural areas
Geographic tables with AREALIST
Exercise:

SDG Indicator 17.8.1 Proportion of people using the Internet

14:30-17:00 Individual daily exercise:
SDG Indicator 5.b.1 Proportion of people who use/own mobile phones, by sex

Module 3: Calculation of SDG indicators and possible disaggregation

09:30 – 10:00 UNSD presentation on SDG indicators disaggregation
10:00 – 11:00 Command editor: creating indicators using intermediate variables
Function RECODE
Function COUNT
Using Filers
Output table AREALIST

11:00 – 11:15 Coffee break
11:15 – 12:30 Command editor: creating indicators
Exercise:
SDG indicator 1.4.1 Proportion of population living in households with access to basic services

15:00-18:00 Individual daily exercise:
SDG indicator 8.6.1 Proportion of youth (aged 15-24 years) not in education, employment or training

Module 4: Calculation of SDG indicators and mapping

09:30 – 11:00 Command editor: creating indicators using intermediate variables
Function RECODE
Function SWITCH
Tables AREALIST

11:00 – 11:15 Coffee break
11:15 – 12:30 Export tables to QGIS, create maps in QGIS
Exercise:
COVID-19 Indicator - Percentage of elderly (over 65 years) by sex and age groups at block level or similar.

14:30-17:00 Individual daily exercise
SDG indicator 3.c.1 Health worker density and distribution

Module 5: Create variables to define type of household

- 09:30 – 11:00 Command editor: create variable using SWITCH, SAVE, COUNT, RECODE
Use Filters
- 11:00 – 11:15 Coffee break
- 11:15 – 12:30 Create indicators and export for mapping, Load in QGIS
Exercise:
COVID-19 Indicator: Determine elderly (60+) living alone in urban areas.
- 14:30-17:00 Individual daily exercise
COVID-19 Indicator: Determine elderly (60+) living only with other elderly in urban areas.

Module 6: Create SDG indicators

- 09:30 – 11:00 Command editor: create variable using SWITCH, SAVE, COUNT, RECODE
Use Filters
- 11:00 – 11:15 Coffee break
- 11:15 – 12:30 Create indicators and export for mapping, Load in QGIS
Exercise:
SDG indicator 3.7.2 Adolescent birth rate (aged 10-14 years; aged 15-19 years) per 1,000 women in that age group
- 12:00 – 12:30 Final project review
- 14:30-17:00 Individual daily exercise
Final project preparation

Module 7: Final exercise presentation and closure

- 09:30 – 10:00 UNSD final recommendations in the use of census data for SDG indicators creation
- 10:00 – 11:00 Final project presentation
- 11:00 – 11:15 Coffee break
- 11:15 – 12:05 Final project presentation
- 12:05 – 12:15 Evaluation survey



12:15 – 12:30 Closing ceremony