



Environment Statistics Data Collection

Tanzania's Experience on Inclusion of Environment and Climate Change Related Questions in 2022 Population and Housing Census



FDES, 2013

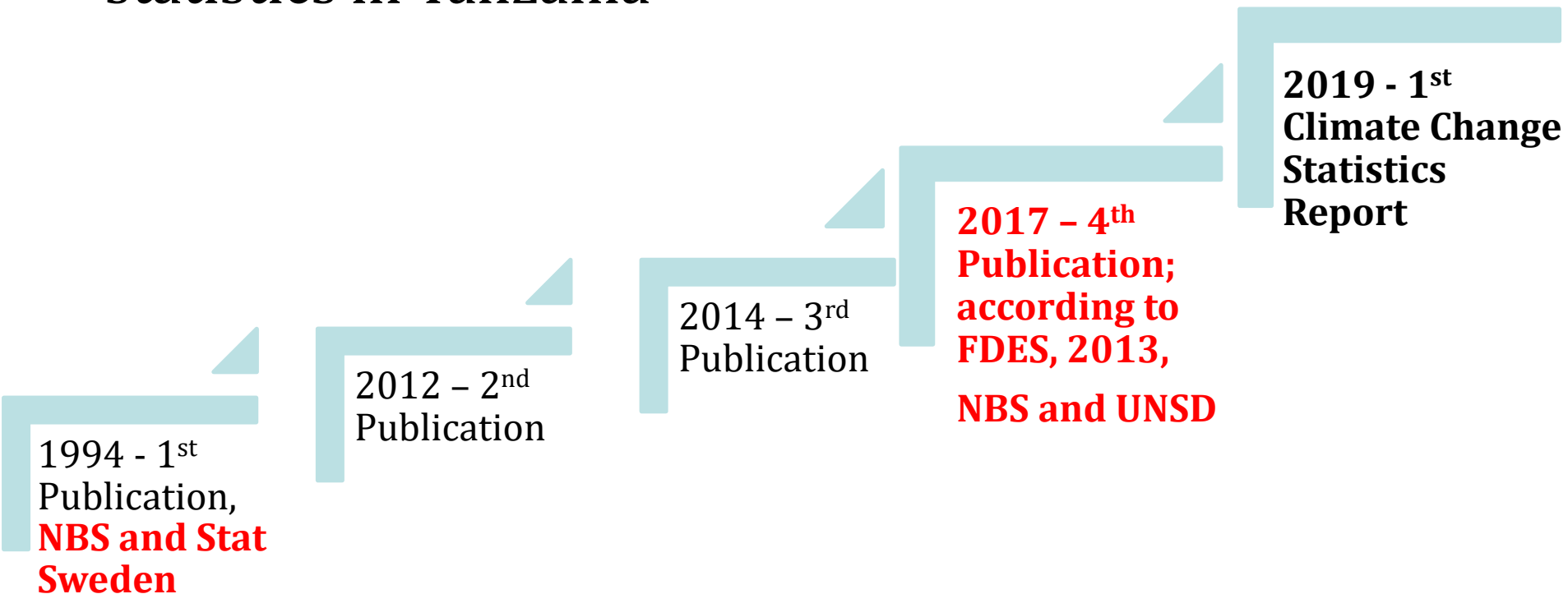
Eighth Meeting of the Expert Group on Environment Statistics; (Virtual)
New York, 12-14 and 19-20 October 2021

Inclusion of Environment/Climate Change Related Questions in PHC



1. Overview of Environment Statistics Data Collection in Tanzania

- Historical background on compilation of environment statistics in Tanzania



Inclusion of Environment/Climate Change Related Questions in PHC



1. Overview of Environment Statistics Data Collection in Tanzania

- ❑ Main data source for environment and climate change statistics in Tanzania are:-
 - ❑ Administrative data;
 - ❑ Surveys;
 - ❑ Censuses and
 - ❑ Geo spatial data
- ❑ Apart from the Government efforts, data gaps on environment and climate change statistics are huge;
 - ❑ *NBS has decided to include some questions in the 2022 PHC to address some of the data needs for informed decisions*

Inclusion of Environment/Climate Change Related Questions in PHC



2. Environment and Climate Change Qns in 2022 PHC

History of Population and Housing Census in Tanzania

1st 1967

2nd 1978

3rd 1988

4th 2002

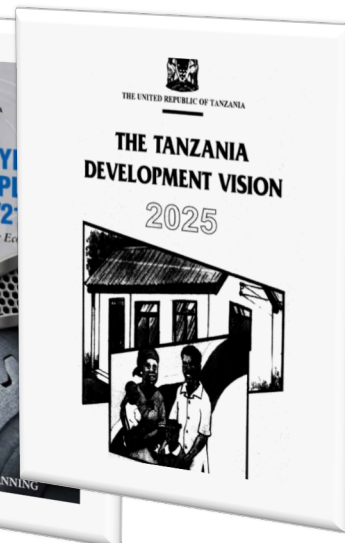
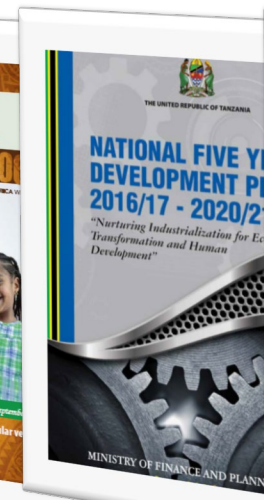
5th 2012

6th 2022

Preparation towards the Sixth Population and Housing Census in Tanzania



Rationale of the 2022 Population and Housing Census



Inclusion of Environment/Climate Change Related Questions in PHC



2. Environment and Climate Change Qns in 2022 PHC..

- Main questionnaires that will be used:-
 - Main Census Questionnaire and
 - The Community questionnaire
- The main objective of including questions related to environment and climate change is to:-
 - Collect baseline data for some environment and climate change statistics;
 - Raise awareness of environment and climate change for all persons in the country;
 - Seek public opinion on various aspects related to knowledge and perceptions about climate change and;
 - Inform and supporting further studies in the area of environment and climate change

Inclusion of Environment/Climate Change Related Questions in PHC



2. Environment and Climate Change Qns in 2022 PHC...

- Environment questions are piggybacked with the main census questionnaire that will be administered at household level;
- Key questions are:-**
 - How does the household dispose solid waste?
 - Ownership of ICT equipment
 - Which authorities usually collect waste from your household?
 - Does your household usually sort kitchen waste, plastic waste, glass waste, metal waste and electronic waste?
 - What is the main method that is used by your household to dispose E-Waste ?

Inclusion of Environment/Climate Change Related Questions in PHC



2. Environment and Climate Change Qns in 2022 PHC....

- ❑ **Climate change questions** intends to collect information about knowledge and perception of people about climate change, reasons and impacts:-
 - Have you heard about climate change?
 - ❖ **Yes.....1**
 - ❖ **No.....2**

Inclusion of Environment/Climate Change Related Questions in PHC



2. Environment and Climate Change Qns in 2022 PHC....

If yes, what is your main source of information about climate change?

- ❖ Radio.....1;
- ❖ Television.....2;
- ❖ Newspaper/publications.....3;
- ❖ Awareness campaign.....4;
- ❖ Local bodies/authorities.....5;
- ❖ Neighbor and friends.....6;
- ❖ Family member.....7;
- ❖ Mobile phone messages.....8;
- ❖ Internet/social media9;
- ❖ Others.....10

Inclusion of Environment/Climate Change Related Questions in PHC



2. Environment and Climate Change Qns in 2022 PHC....

- Do you think the current climate change in this community is different than it was 10 years before?
 - ❖ **Yes....1,**
 - ❖ **No....2**

Inclusion of Environment/Climate Change Related Questions in PHC



2. Environment and Climate Change Qns in 2022 PHC....

➤ **If Yes;** What do you think are the three main reasons of the climate change in this community?

- ❖ Deforestation.....1
- ❖ Natural reason.....2
- ❖ Industrialization.....3
- ❖ Urbanization.....4
- ❖ Overexploitation of resources.....5
- ❖ God's wish.....6
- ❖ Disasters (Earthquake, floods etc).....7
- ❖ Others.....8
- ❖ Do not know.....9 (more than one answer is acceptable)

Inclusion of Environment/Climate Change Related Questions in PHC



3. Main Challenges

- Tanzania conducts de-facto PHC after every 10 years; therefore demand for data from PHC is very high from many sectors; but also the frequency is inadequate;
- PHC limits collection of detailed information; and
- It is an expensive approach

Inclusion of Environment/Climate Change Related Questions in PHC



4. Recommendation

- ❑ NSOs should consider using various data sources to bridge data gaps for environment and climate change statistics:-
 - ❑ **Conduct specialized surveys;**
 - ❑ **Strengthening of routine data collection systems within the National Statistics Systems and**
 - ❑ **Invest in big data analytics;**
- ❑ Enhance collaboration between national authorities responsible for climate change reporting and NSO to ensure optimal matching of the compiled statistics and the existing national and international policies.
- ❑ Share best practices with other countries through:
<https://unstats.un.org/unsd/envstats/censuses/>



**Thank you for your
kind attention!**