Population estimates and projections : A census-based approach

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Outline

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03 Census Analytical Monographs

04 Census Datasets

05 Population Projections

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2019 Population & Housing Census
Jitokeze Uhesabike!

Questionnaires

- Six questionnaires were used in census enumeration;
  - Main questionnaire:- for enumerating all persons found in conventional households;
  - Hybrid questionnaire (group quarters):- for enumerating all persons living in collective dwelling units.

Questionnaires .....

- The four short questionnaires enumerated:-
  - ✓ Hotel/lodge residents, hospital in-patients, prison/police cells and children homes
  - ✓ Travelers and persons on transit;
  - ✓ Street persons/outdoor sleepers/ vagrants
  - ✓ Emigrants in the last 15 years (linked to main questionnaire)

Main Questionnaire

Main questionnaire covered the following thematic areas;

- **Demographic** (age, sex, relationships, marriage, migration, fertility, mortality);
- **Socio-economic**(marital status, religion, ethnicity, education, labour participation, ICT, agriculture, Assets);
- **Household and housing characteristics** (floor/roof/wall materials, tenure status, dwelling units, sources of water, energy and waste disposal);
- **Emigration**

Census basic reports

1. Volume I: Distribution of population by size, sex, number of households and average household size, at national, county and sub-county levels
2. Volume II: Distribution of Population by Administrative units (up to Sub-Locational level)
3. Volume III: Distribution of Population by Age and Sex
4. Volume IV: Distribution of Population by Socio-Economic Characteristics

5. Volume V: Distribution of Population by Geopolitical Units (Not Yet Published)

VOLUME IV: Distribution of Population by Socio-Economic Characteristics

- Socio-economic characteristics:
  - Education;
  - Labour participation;
  - Housing conditions and amenities;
  - Agriculture and livestock;
  - Disability;
  - Religion and ethnicity;
  - Information and Communication Technology (ICT);
  - And ownership of household assets.

Census Analytical Monographs

1. Fertility and Nuptiality
2. Mortality and Health
3. Migration
4. Households and Family Dynamics
5. Adolescents and Youth
6. The Older and Vulnerable Population
7. Urbanization
8. Housing Conditions, Amenities and Household Assets
9. Education and Training
10. ICT
11. Disability
12. Gender Dimensions
13. Agriculture,
14. Population Dynamics,
15. Labour Force Dynamics,
16. Population Projections
17. Kenya Population Atlas

Census Datasets

The following databases are available in both CSPro, SPSS and Stata formats

1) Population Database
2) Housing Database
3) Special Population Database

4) Geospatial database- Not yet made available

Introduction to Population Projections

- Components of Population Change
  - **Births:** The number of live births in a given period.
  - **Deaths:** The number of deaths in a given period.
  - **Migration:** The movement of people into (immigration) or out of (emigration) an area.

Uses of Population Projections

1. **Distribution of resources-** Future changes in size, Composition , Distribution of the population
2. **Advocacy**-
   a) Develop effective policies that foster education and economic opportunities;
   b) Adapt social sector spending to the changing age structure;
   c) Providing social support and health care for the elderly population
3. **Research**- Future growth in working age population and school going population
4. **Monitoring and evaluation-** Denominators used during target setting and ME, especially at impact level

Population Projections

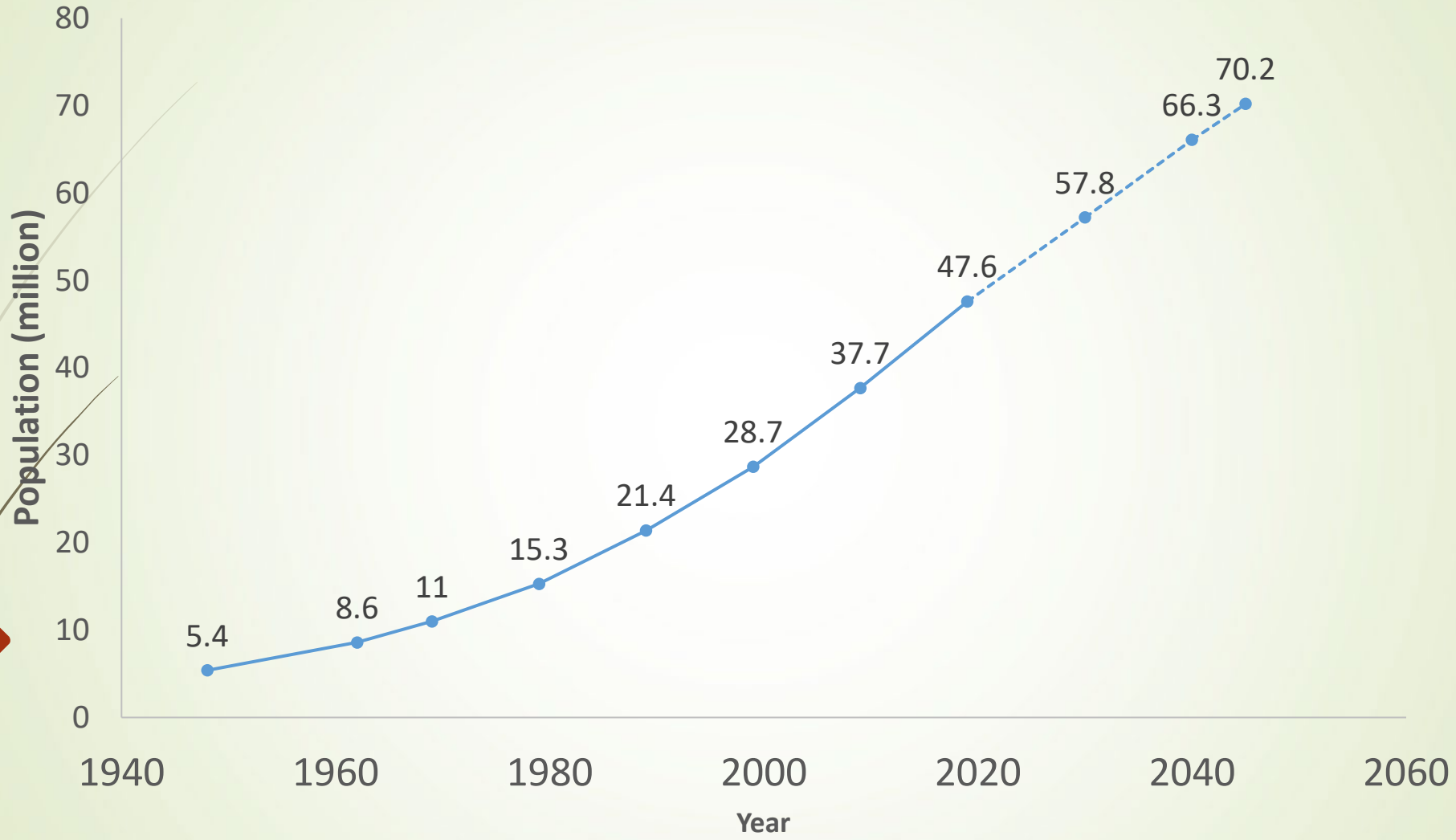
- Population projections
  - National
  - County levels

- Sectoral population projection results
  - School-age population,
  - Labour force,
  - Household projections

Population Projections

- The projected population is expected to increase from 48.8 million in 2020,
  - 53.3 million by 2025,
  - 57.8 million by 2030,
  - 62.2 million by 2035,
  - 70.2 million by 2045

Kenya's Population Growth, 1948-2045



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09/09/2024

2019 Population & Housing Census
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Kenya at a Glance

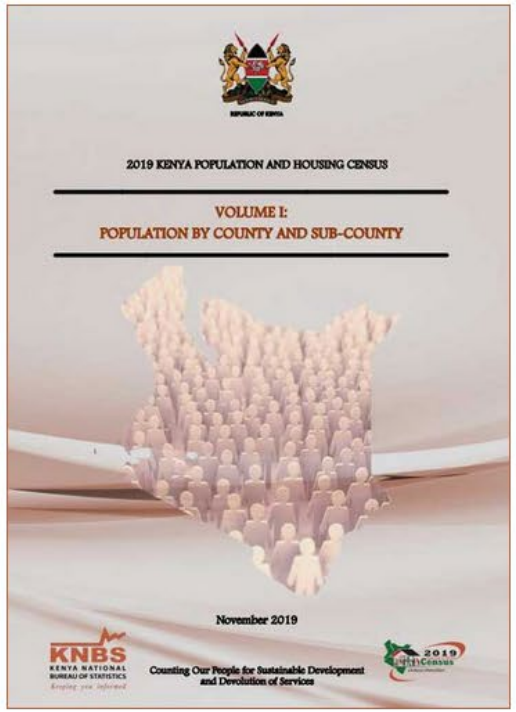
Indicator	2020	2025	2030	2035	2040	2045
Projected total population (million)	48.8	53.3	57.8	62.2	66.3	70.2
Projected population age 15-24 (million)	10.4	11.1	11.6	11.9	12.1	12.3
Projected population under age 15 (million)	18.1	18.5	18.8	19.0	19.0	19.0
Projected female population age 15-49 (million)	12.9	14.5	16.0	17.3	18.4	19.2
Projected population age 60 and above (million)	2.7	3.0	3.4	4.2	5.2	6.4
Projected population age 15-64 (million)	28.8	32.7	36.7	40.5	43.9	46.9

Population Projections

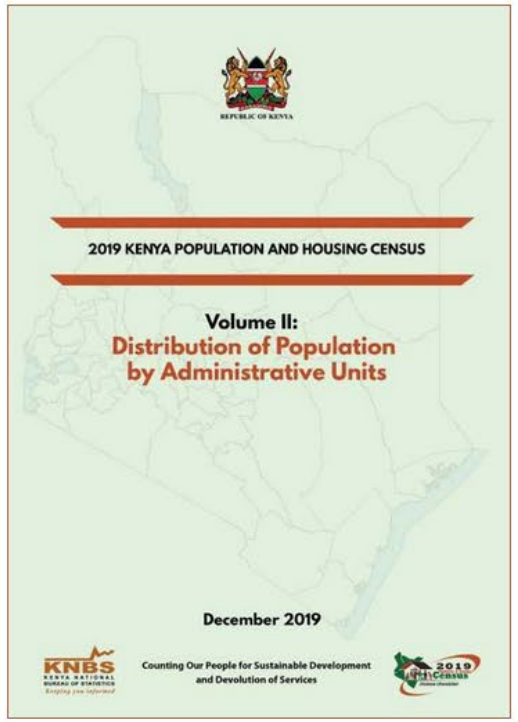
- https://www.knbs.or.ke/reports/kenya-census-2019/
- https://www.knbs.or.ke/portals/

Main Reports

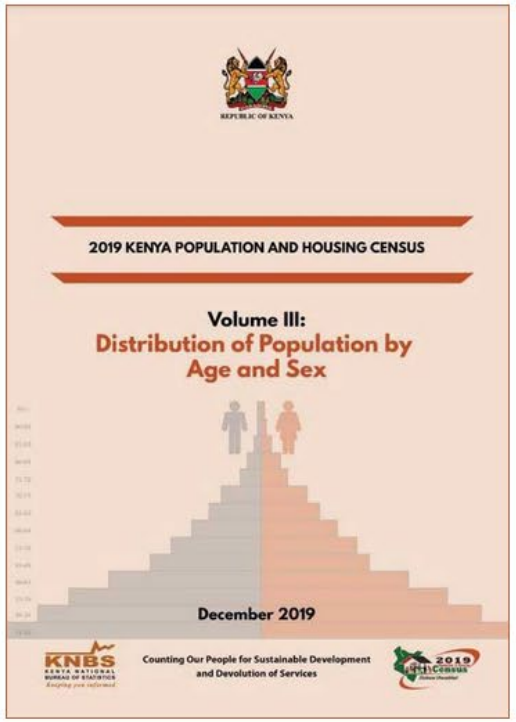
Main Reports



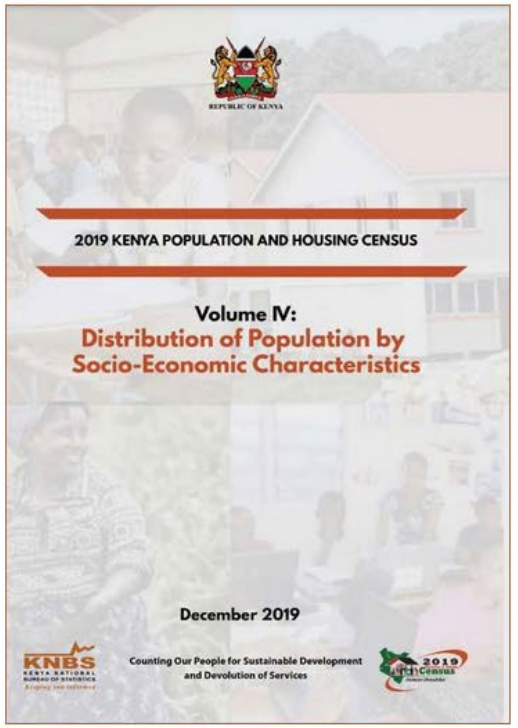
KPHC Volume 1 Population By County And Sub County



KPHC Volume 2 Distribution of Population by Administrative Units



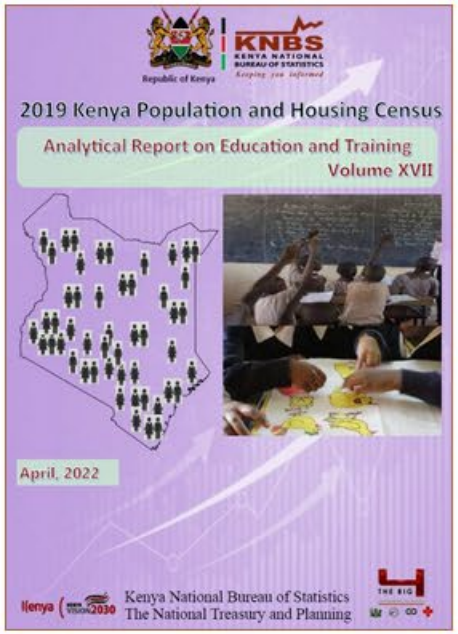
KPHC Volume 3 Distribution of Population by Age and Sex



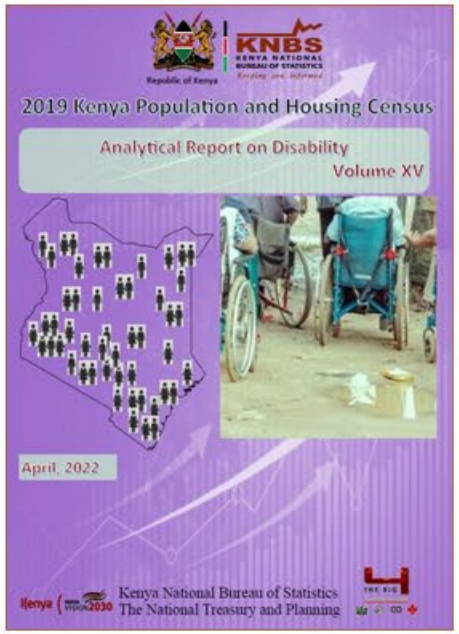
KPHC Volume 4 Distribution of Population by Socio Economic Characteristics

Kenya's Population Analytical Report

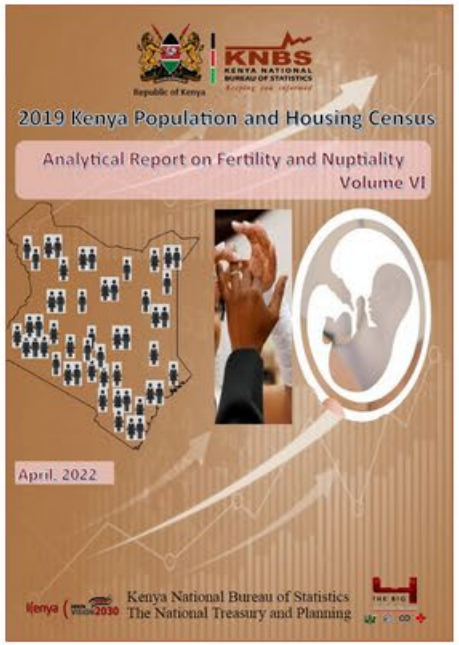
Kenya's Population Analytical Report



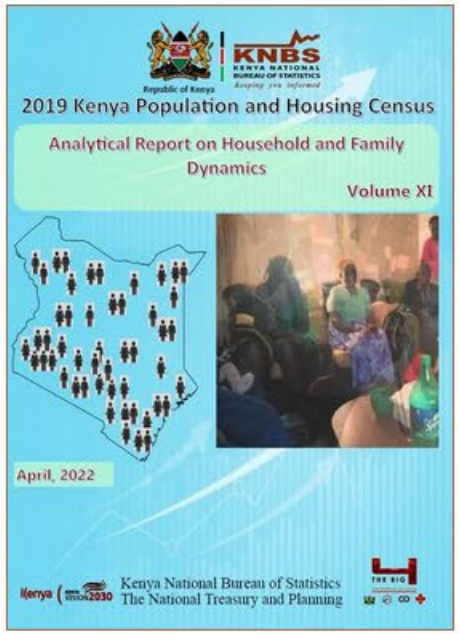
KPHC Census Analytical Report on Education and Training



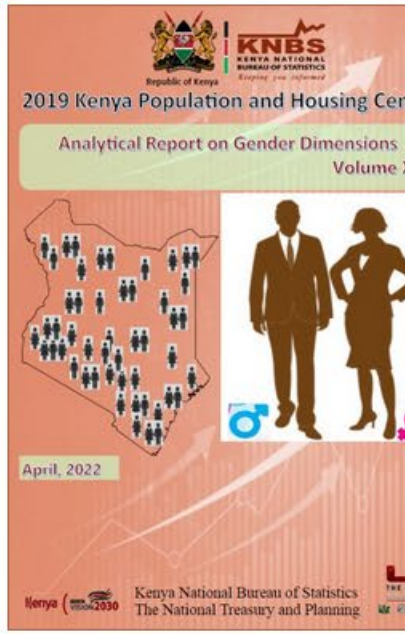
KPHC Census Analytical Report on Disability



KPHC Census Analytical Report on Fertility and Nuptiality



KPHC Census Analytical Report on Household and Family Dynamics



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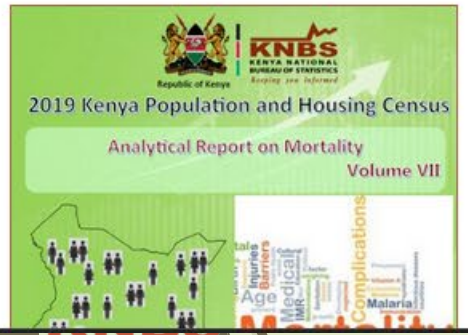

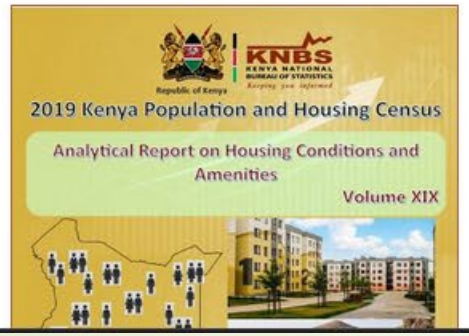

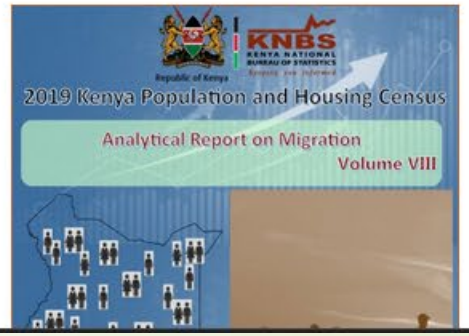

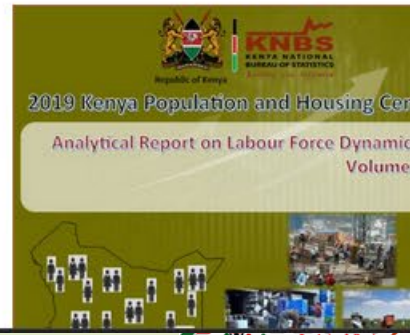

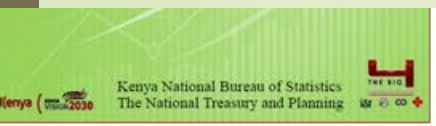

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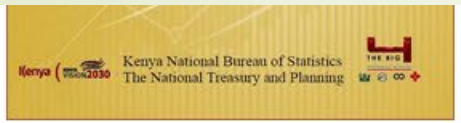

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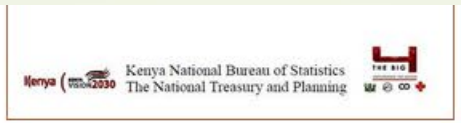
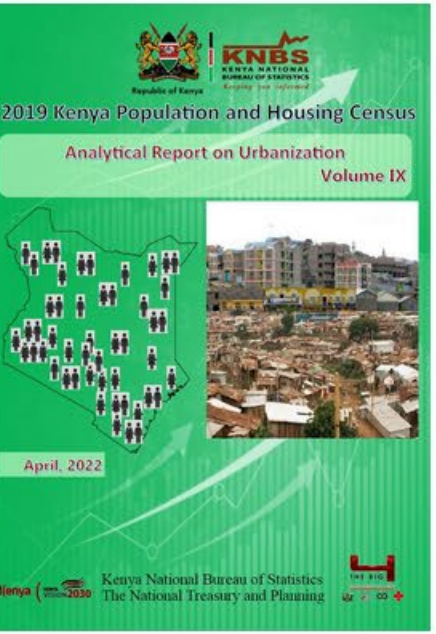


KPHC Census Analytical Report on ICT

KPHC Census Analytical Report on Migration

KPHC Census Analytical Repor on Labour Force



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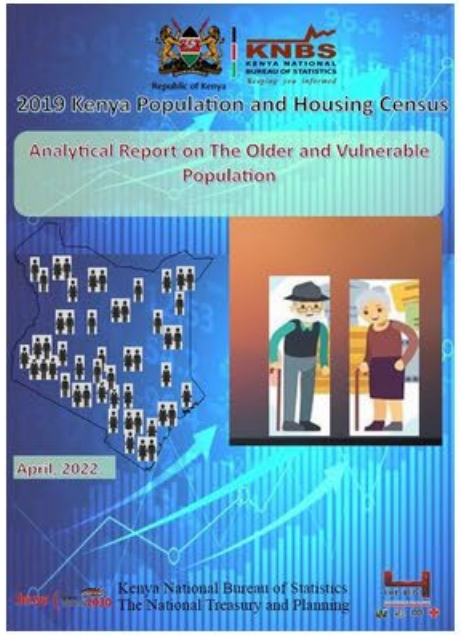
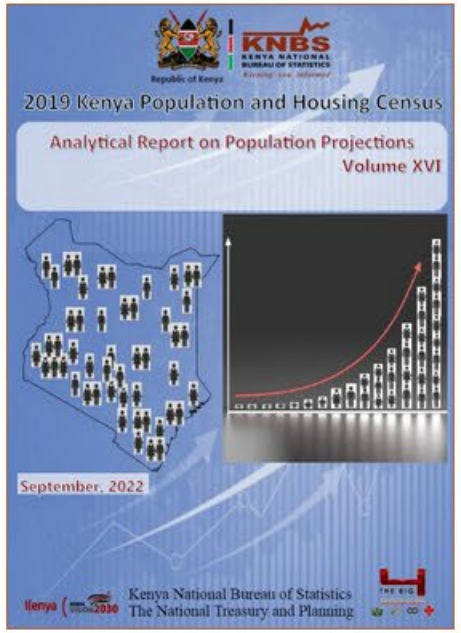
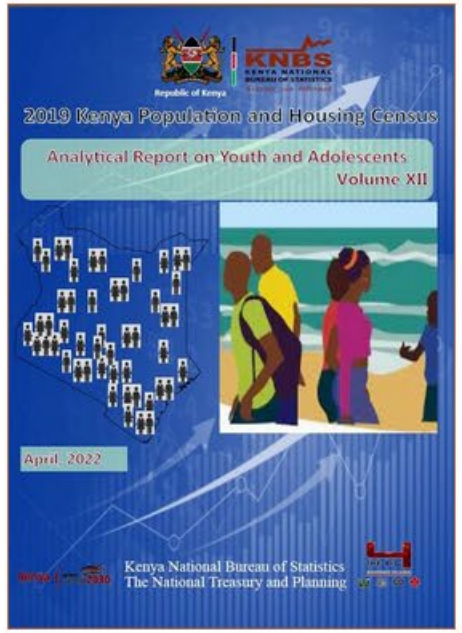


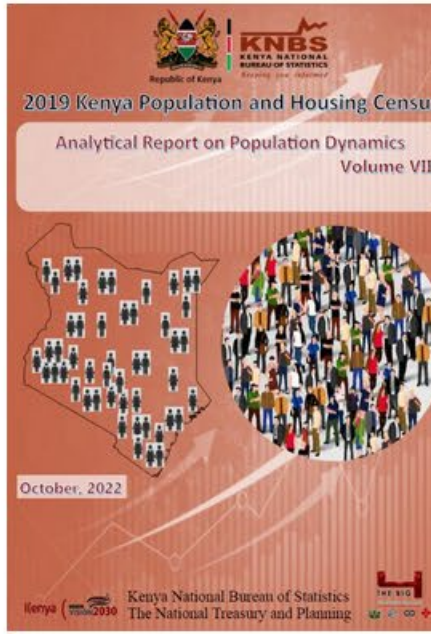
KPHC Census Analytical Report on The Older and Vulnerable Population



KPHC Census Analytical Report on Population Projections



KPHC Census Analytical Report on Youth and Adolescents



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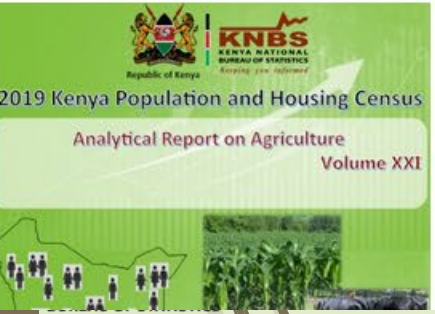
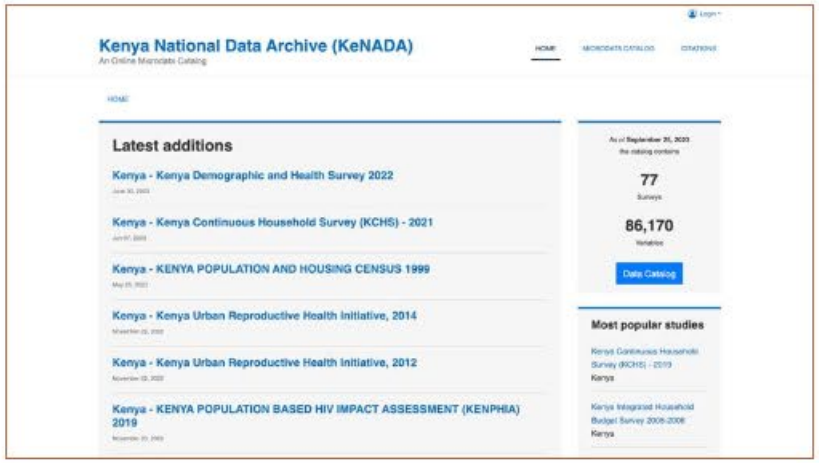


Kenya Demographic & Health Survey 2022 (KDHS)

KNBS Visualizations

Kenya Open Data Portal

Kenya National Information Platform for Food and Nutrition (NIPFN)



Kenya National Data Archive (KeNADA)

FinAccess Household Survey 2021

Thank
you