Oman Census 2020
Impact of the covid 19
Legal framework of the census

Royal Decree No. 15/2015

Aim

Provide an updated and geospatial economic and social information through an electronic data system
Objective
The E-Census 2020 aims to disseminate statistics and indicators by the end of 2020, thereby, providing decision makers with timely and accurate data. This data will include all information related to population, housing and establishments. This objective will be achieved by implementing the following:
Main Phases
Main Phases of Implementing E-Census 2020

Preparation (2017-2018)
Preparing initial plans, methodologies, operational strategies and forming specialized technical teams.

Data Readiness (2018-2019)
Collecting data and implementing the process of amending and matching. Preparing the main designs of databases through the establishment of laboratories that are specialized in storing and analyzing data.

E-Census System (2018-2020)
Establishing an electronic census System linked with the specified registers in the project. Ensuring their integration in order to achieve the national objectives.

Census Portal (2020)
Completing the data dissemination system. Pilot census each quarter

System Delivery (2020)
Activating all statistical system, managing them with specialized national workforce, the launching the E-census system and publishing the reports related to statistical analysis of data.

COVID-19

The project timeline has been prepared after completing the legislative framework, administrative and financial systems of the project. It consists of five main phases:
Challenges during the covid 19
- The first infection with the COVID19 in Oman was at the end of February 2020.
- At the end of March 2020 the government reduced the employee in the office up to 30%.
The Challenges during the covid 19

- We already finished the first, second and third phase, and we already started the forth before the COVID 19.
- Also we already elaborated 2 pilot census.
- E-census team include for 71 employees. They are distributed in five different labs.
- The five labs were in deferent floors in same building.
- The e-census team working is not stopped during all phases of the census, only tow weeks we working from home.

- Integration : main sources are linked to census system not all
- Delay in adding complementary sources : secondary sources (not linked to census data like customs file)
- Optimization of ETLs time principle the aggregation transformation (ETL4) : recently 4 hours
E-Census 2020 System
Information Management for Sustainable Development
E-Census 2020 System

Agencies’ Database
- Royal Oman Police
- Ministry of Health
- Ministry of Education
- Ministry of Higher Education
- Ministry of Commerce and Industry
- Ministry of Manpower
- Ministry of Regional Municipalities and Water Resources
- Ministry of Justice
- Ministry of Social Development
- Ministry of Housing
- General Authority for Manpower Register
- Muscat Municipality
- Dhofar Municipality
- Sohar Municipality
- Nama Holding Group
- Others

Approved Data Basket
- Royal Oman Police
- Ministry of Health
- Ministry of Education
- Ministry of Higher Education
- Ministry of Commerce and Industry
- Ministry of Manpower
- Ministry of Regional Municipalities and Water Resources
- Ministry of Justice
- Ministry of Social Development
- Ministry of Housing
- General Authority for Manpower Register
- Muscat Municipality
- Dhofar Municipality
- Sohar Municipality
- Nama Holding Group
- Others

Integrated Database
- Population
- Housing
- Establishments

Integrated Statistical Registers
- Anonymized Data
- Individual Consolidated Data
- Data Loading (Integration)
- Validation
- Data Transformation into Statistical Registers

Calculation Statistical Indicators

Census Database

Dissemination Portal
- E-Census Integrated Statistical Registers
- Individuals
- Employment
- Marital Status
- Disability
- Education
- Birth and Death
- Housing
- Establishments

Dissemination
- Report Design
- Output
- 1
- 2
- 3
- 4

Aggregated Data
Thank You