

Improving Use of Administrative Data in Production of Official Statistics:
Role of Statistical Register Systems
12-16 September 2015, Tehran, Islamic Republic of Iran

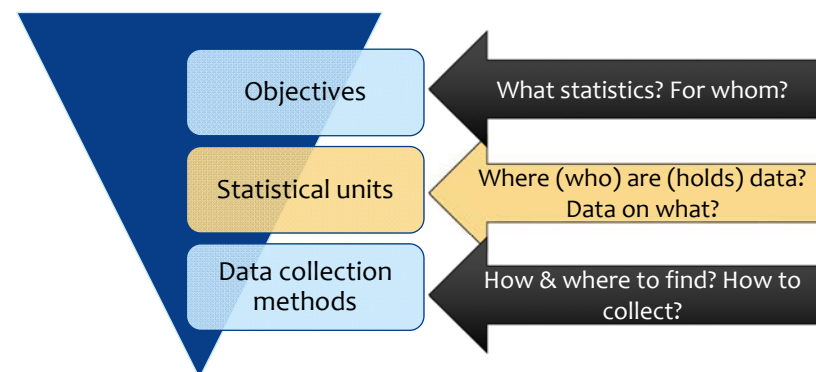
Session 2.2: Units for establishing statistical business registers

Source:
- United Nations (2015): [International guidelines on Statistical Business Registers](#)



Arman Bidarbakht-Nia
lecturer, UNSIAP

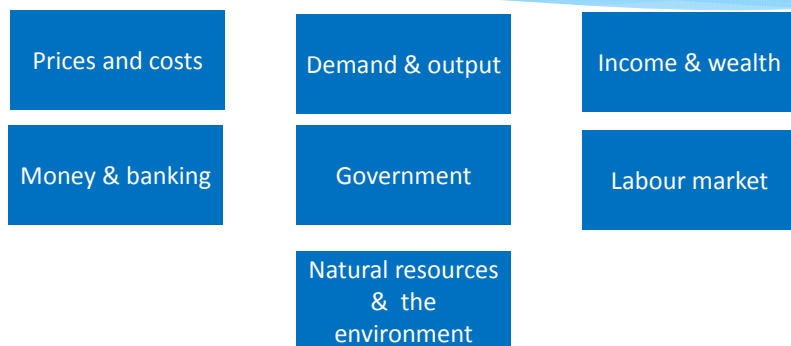
Why statistical units are important?



2



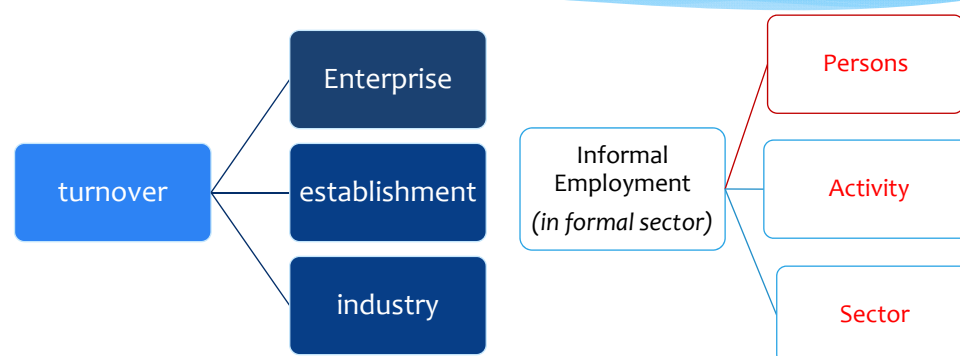
Objective: Core Set of Economic Statistics



Source: <http://communities.unescap.org/economic-statistics>



Examples



4



Statistical units?

Sampling units

Units to be selected in the sample
(establishment, enterprise)

Observational units

Information collected for
(employed persons, activity, establishment...)

Analytical units

Statistics produced for
(establishment, employee, job, industry, etc)

Which data collection method?

The method should...

- ❖ Provide a good coverage for the desired sampling/observational units
- ❖ Provide accurate and high quality statistics on desired analytical units
- ❖ Provide adequate link between statistical units

Need for a frame (SBR):

- Regularly updated
- Good coverage
- Well defined units
- Provides links
- Provides design variables

Major statistical units in SBR

- ❖ Enterprise group
- ❖ **Enterprise** ← Key to other definitions
- ❖ Local unit
- ❖ Kind of Activity unit (KAU)
- ❖ Establishment/Local KAU

What is an enterprise?

- ❖ No unique definition exist!
 - ❖ SNA 2008 (*based on institutional unit*)
 - ❖ ISIC (*based on economic transactor*)
 - ❖ European definition (*based on legal units*)
 - ❖ National practices (?)

[Refer to the manual for exact definitions](#)

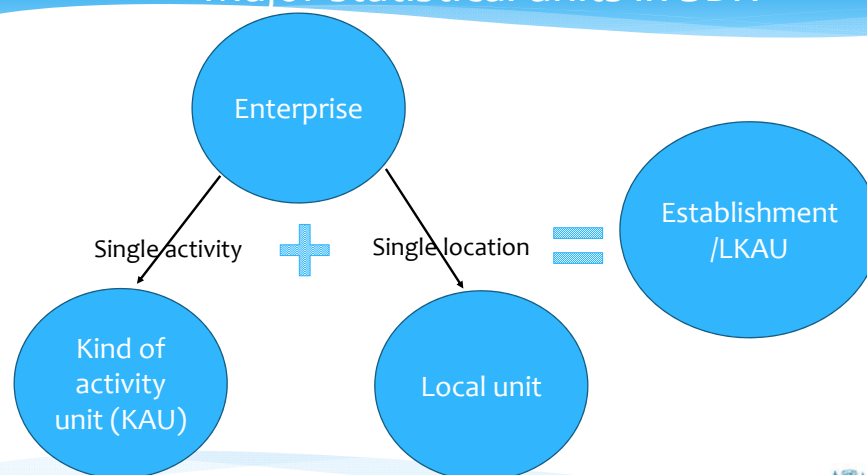
What is an enterprise?

❖ SNA 2008 definition

An **Institutional unit** producing goods and services

9

Major statistical units in SBR



10

Major statistical units in SBR

❖ Recommended to define enterprise such that:

Enterprises and “*Legal units*” are in one-to-one correspondence

❖ Enterprise group:

A set of “*legal units*” bound together by legal/or financial links and under the same control

11

Other units ...

... needed for creation and maintenance of SU:

❖ **Legal unit** : recognized by law or society independent of person/institutions that own them

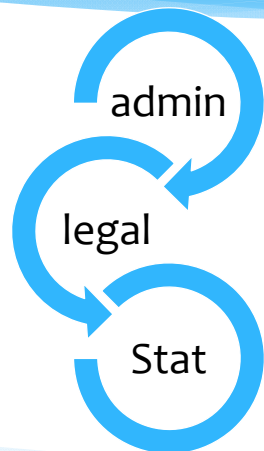
❖ **Administrative unit**: established by relevant admin authorities under regulation of a legal unit (may or may not correspond to the legal unit)

❖ **Operational unit**

❖ **Local units of legal unit**

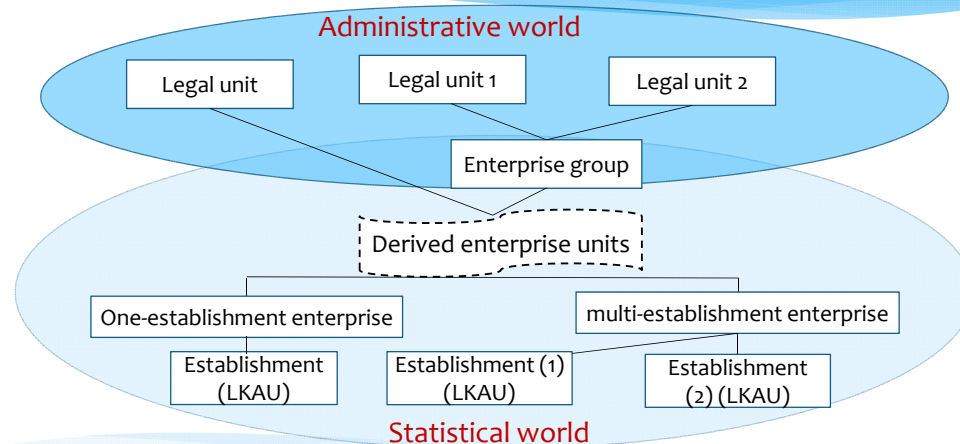
12

Legal unit is pivotal between administrative and statistical units



13

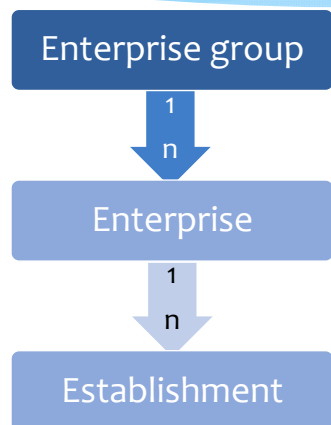
Links between units



14

Statistical unit models

A recommended model



15