

Use of administrative data for Sustainable Development Goals reporting



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Administrative data

– what does it mean?

Administrative data is collected by a **government department** or other public agency primarily for **administrative** (not research or statistical) **purposes**.

Administrative data is collected for the purposes of **registration, transaction and/or record-keeping**, usually during the delivery of a service.

An **administrative data holder** is the institution that collects and stores the administrative data (e.g., school records – the Ministry of Education is data holder)



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on Administrative D

To produce statistics, we need data sources

- National Statistical Offices (NSOs) have in many countries traditionally focused on using censuses and surveys for statistics production
- There are many advantages to these sources, but data collection is time intensive and costly
- Data collected for administrative purposes are alternative data sources that have a large, unused potential in many countries

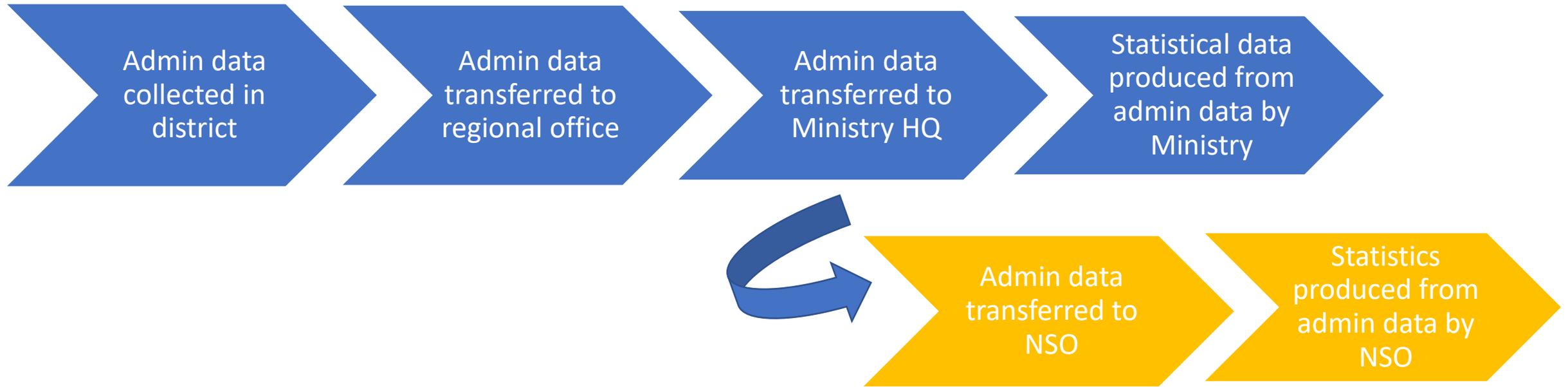


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Example: General process From administrative data to statistics

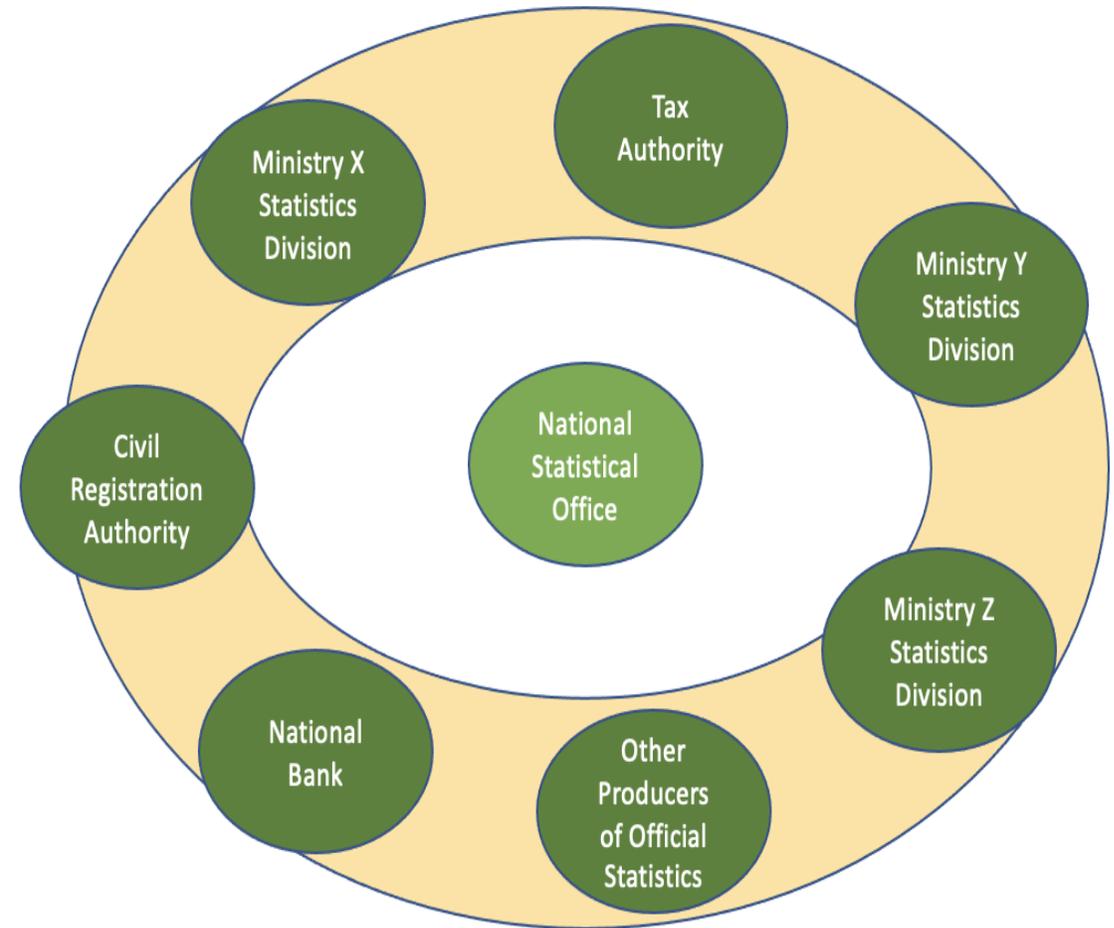


These are just very simplified ways. All countries are organised differently, and this can look different depending on where you go.

Many ministries have the legal mandate to produce statistics (and they do it) instead of the NSO and also publish them.

The National Statistical System (NSS) and data sharing within

- Sharing already collected administratively collected data for statistics is efficient use of government resources
- Important to agree on collaboration, data sharing, common standards etc.
- Suggested to meet regularly



A magnifying glass is positioned over a bar chart. The chart has several groups of bars, each group containing two bars: one blue and one green. The magnifying glass is centered over one of these groups, making it the focal point of the image. The background is a light blue color with a subtle grid pattern.

What needs
to be in
place for
sharing
admin data?

- Trust within the NSS and from population
- Legal frameworks
- Good and regular cooperation between all parties
- Certain level of data quality
- Agreements on aligning concepts and definitions
- Measures to ensure confidentiality and data security
- IT infrastructure



Collaborative on use of Administrative Data for statistical purposes



About the CAD

A multi-stakeholder collaborative of countries and regional and international agencies, aimed to strengthen the capacity of countries to use administrative data sources for statistical purposes.

- **Practically oriented:** Addresses challenges as identified by it's members, and at different levels of development
- **Cross-cutting:** Addresses common challenges across sectors

Open for anyone who wants to join – contact us!

More info:



3 Task Teams

- Task team 1: Institutional framework, coordination and partnerships
- Task team 2: Data management and standardization
- Task team 3: Technical interoperability and linking

Currently sub-groups working on specific matters:

- E-learning
- Communication and fundraising
- Data quality
- IT architecture

Inventory of resources

Link: <https://unstats.un.org/capacity-development/admin-data/resources/>

The screenshot shows the top navigation bar with the United Nations logo and the text 'United Nations > Department of Economic And Social Affairs > Statistics Division'. Below this is the 'Department of Economic and Social Affairs' header with 'Statistics' and 'Capacity Development' sub-sections. A dark navigation bar contains 'Home', 'Inventory', and 'Task Teams'. The main content area features a breadcrumb trail 'Collaborative on Use of Administrative Data for Statistics > Inventory' and two paragraphs of placeholder text. Below the text is the 'Inventory Listing' section, which includes a filter sidebar on the left with categories like 'Cross cutting issue', 'Type', 'Country or Organization', 'Domain', and 'Language'. The main listing shows two records: one for the African Development Bank's 'Guidelines for building statistical business registers in Africa' (labeled as an 'International guideline') and another for Bhutan's 'Producing Export and Import Price Indices in Bhutan (XMPI)' (labeled as a 'Case study'). Each record includes a thumbnail image, a title, a brief description, and a 'View More' button.

Producing Export and Import Price Indices in Bhutan (XMPI)

Bhutan

In Bhutan, the CPI was used as a deflator of exports and imports for the calculation of GDP with the consequent bias that this implies. This bias is due to the different baskets of goods and services that are represented in the CPI v/s in the country's import and export, which are not necessarily consistent. In fact, they differ greatly. To solve this problem, Bhutan National Statistics Bureau (NSB) implemented the methodology for calculating an Import and Export Price Index (XMPI) through the exploitation of administrative external trade registers. This is an important step in strengthening the economic statistics of the country that will substantially improve GDP estimates.

Online materials available

- [Producing export and import price indices \(XMPI\) in Bhutan](#)
- [Export and Import Price Index 2019](#)

Time frame

The time series originally ranged from 2014 to 2017. Now it has been extended until December 2019. Implementation period from June 2017 - May 2018

Coverage

Navigation

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Tools & Materials



MoU guide and template

A guide and template for improving coordination and cooperation within the national statistical system and increasing access to administrative data for statistics production



[View Details](#)



Statistical legal framework self-assessment tool

This self-assessment tool aims to help understand how current statistical legislation facilitates the access and use of administrative data for NSO/NSS



[View Details](#)



Toolkit for the assessment of admin data quality

A practically oriented questionnaire and guide for the assessment of the quality of an administrative data source, institutional environment and statistical system



[View Details](#)



Training course on use of admin data for statistical purposes

A 3-4 day in-person training course on the use of admin data for statistics designed for NSOs and admin data holders. A virtual version of the course is underway.



[View Details](#)



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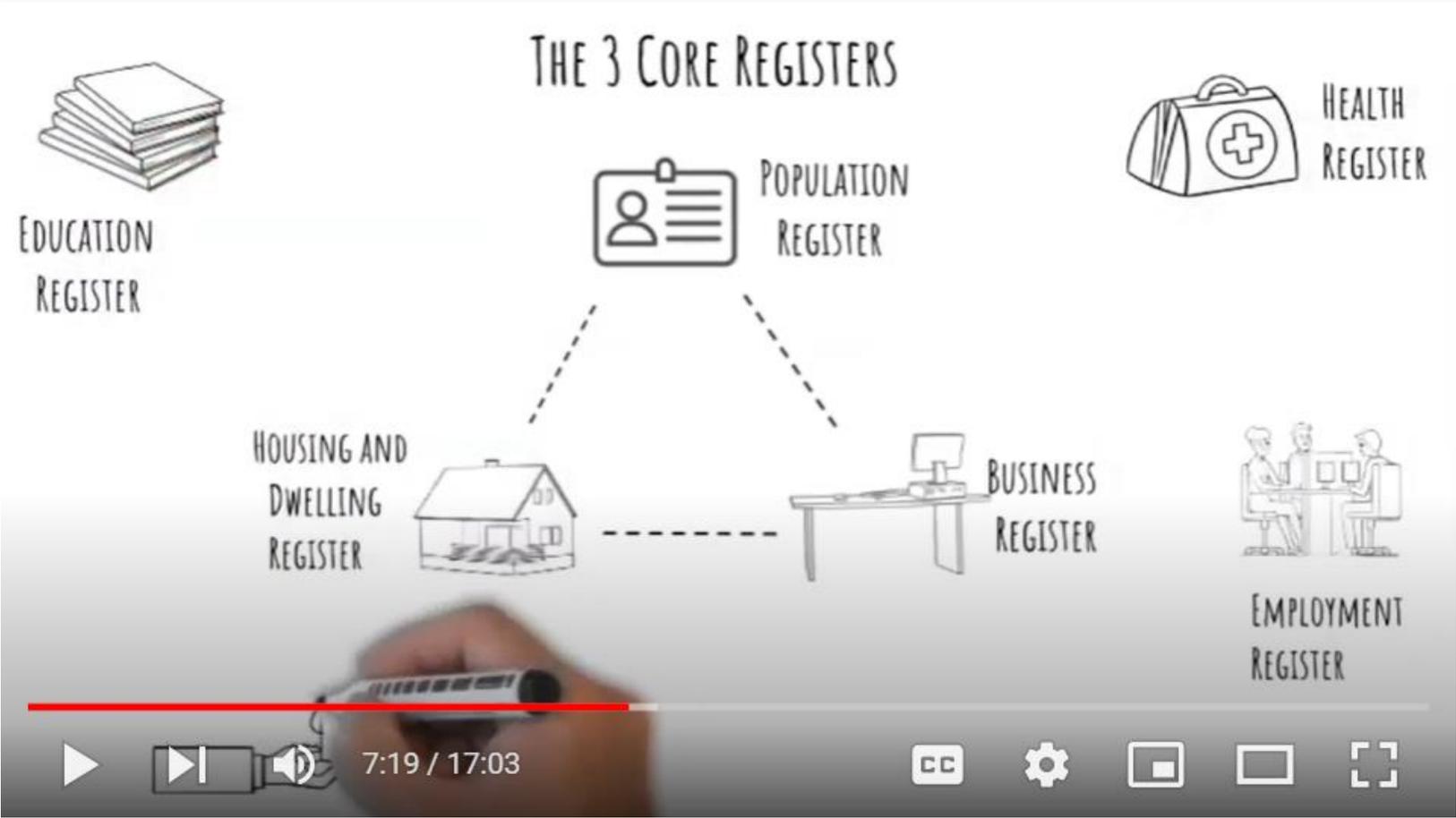
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Global Partnership
for Sustainable
Development Data

Nordic model video



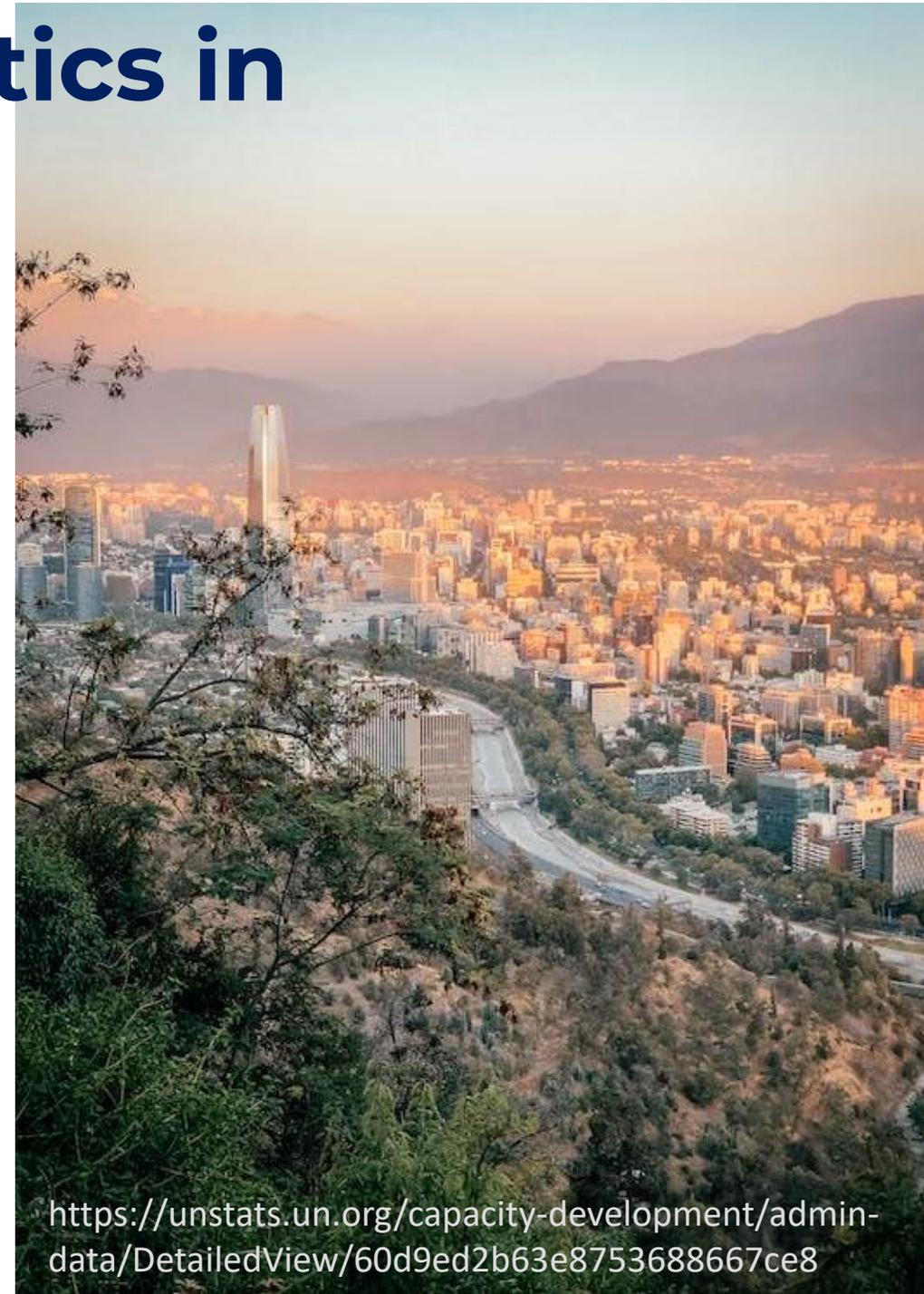
<https://www.youtube.com/watch?v=Pq6ardjQfIM>

Improving migration statistics in Chile

Five agencies worked together:

- **Ministry of the Interior:** Administrative records of residence permits (visas)
- **Ministry of Foreign Affairs:** Administrative records of residence permits (visas) requested at consular level (embassies and consulates located abroad)
- **Investigation Police:** Border control records
- **Civil Registry and Identification Office:** Death Registry
- **From the NSO:** Census data

Result: Improved estimate of the total number of foreigners residing in the country at different geographical levels, and by sex, age and country of origin.





Ongoing work in countries

Cameroon

Focus

- SDG16, particularly 16.1.1. on intentional homicide
- Harmonization of data and metadata from police, gendarmerie and Ministry of Justice
- Formalization of data sharing

Results to date

- Involvement of custodian agency UN ODC
- High-level ownership and working level engagement
- Agreement on harmonization of data and metadata
- Concrete workplan and timeline

End goal: SDG 16.1.1 – Intentional homicide

Dominican Republic

Focus

- Environment and disaster risk reduction
- Identifying feasibility of selected data sources – through data quality assessment
- Formalizing agreements

Results to date

- Quality assessment carried out on three data sources – one identified as of sufficient quality
- Development of MoU – draft
- Readiness for data sharing
- Ongoing process on harmonization of metadata

End goal: SDG 1.5.1/11.5.1/13.1.1: Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population

Namibia

The background image shows a dry, sandy landscape with a small waterhole. A person is visible near the waterhole, and there are several animals, including a large antelope with long, spiraling horns and a smaller antelope. The scene is brightly lit, suggesting a sunny day.

Focus

- Agriculture and labor statistics
- Active data sharing agreements
- Communication and user engagement
- Quality assessment

Results to date

- MoU signed with Ministry of Agriculture and data shared
- NSO in process of sending feedback on quality
- New agriculture bulletin published based on data from meatboard

End goal: Better agriculture statistics, particularly on live stock

Sri Lanka

Focus

- Development of statistical business register
- Updating statistical legal framework
- Upgrading IT system

Results to date

- Data accessed from Registrar of companies.
- In process to access data from Inland revenue authority
- Conversations with others ongoing
- Draft legal framework in place

End goal: An operational statistical business register for better economic statistics

Question:

What has been your experience in using administrative data for enhancing SDG reporting and/or specifically for the past or upcoming VNR?



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Thank you

Materials developed by UN Statistics Division
Visit:
<https://unstats.un.org/UNSDWebsite/capacity-development/admin-data/>