Use of administrative data for Sustainable Development Goals reporting

Collaborative on Administrative Data

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Workshop on supporting evidence-based VNRs and SDG reporting: data and statistics innovations
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SUSTAINABLE DEVELOPMENT GOALS

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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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School registration data can be used to gather information on the number of students enrolled, regional distribution, drop out rates and more.

Business registration data

- University registration,
- Marriage certificate,
- Diseases and vaccinations
- Vehicle registration,
- But also tax records, customs data and much more …

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
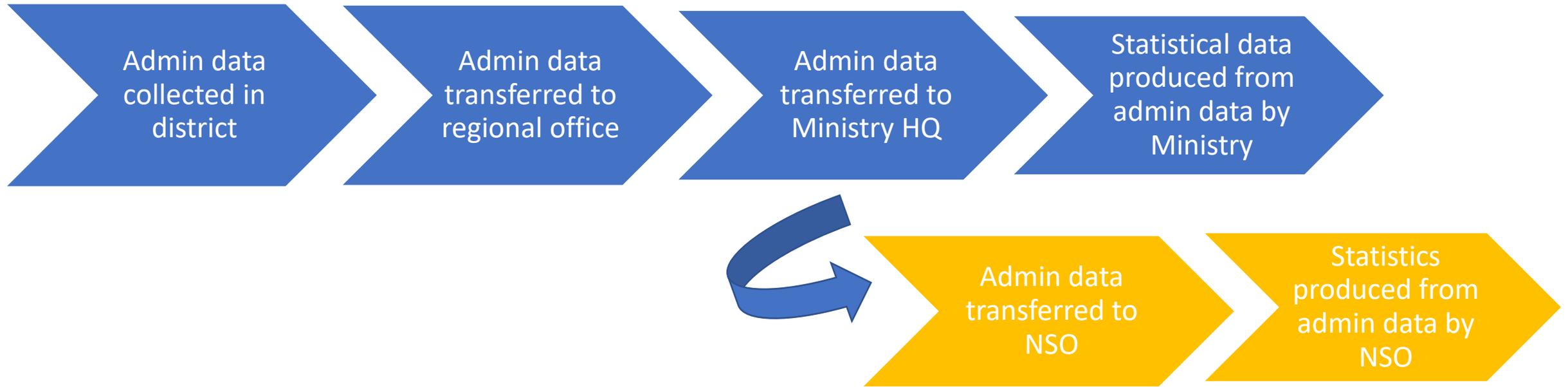
These are just very simplified ways. All countries are organised differently, and this can look different depending on where you go.
Many ministries have the legal mandate to produce statistics (and they do it) instead of the NSO and also publish them.

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
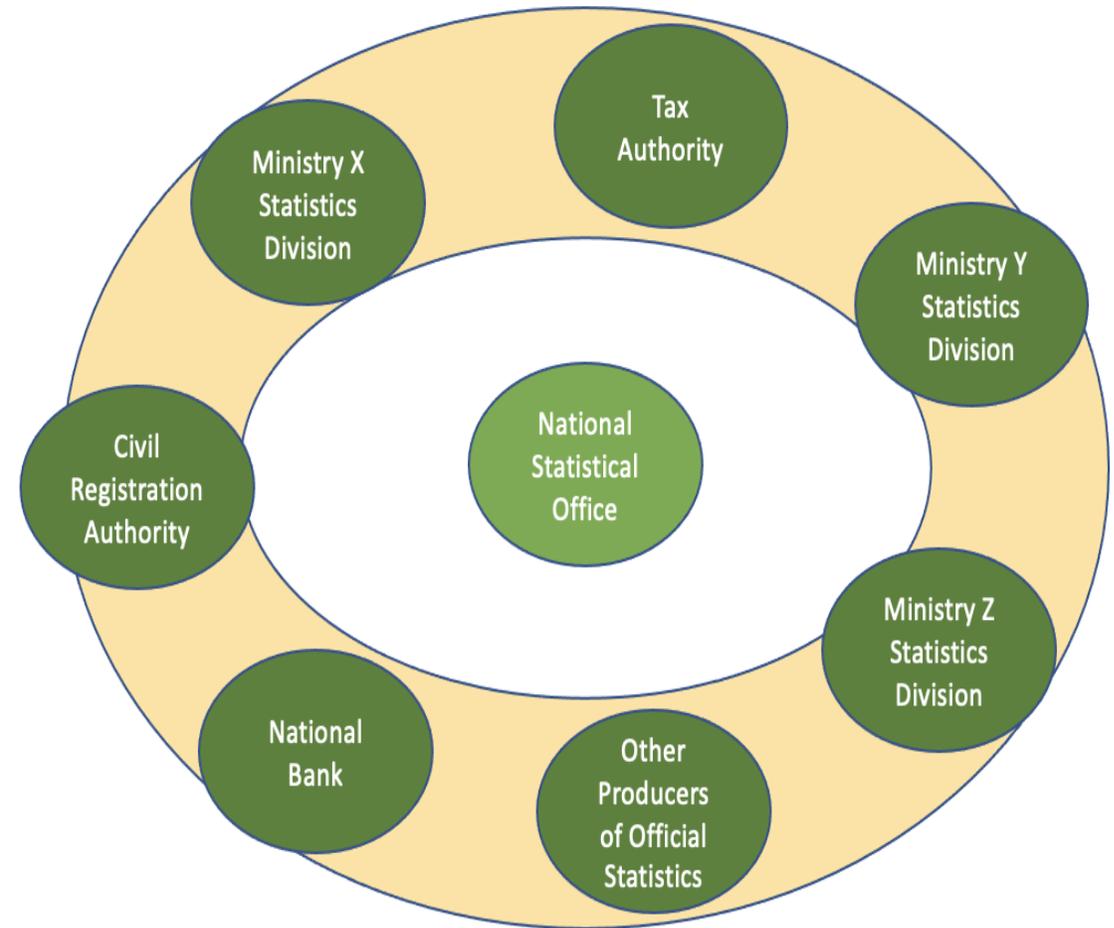
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What needs to be in place for sharing admin data?

- 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

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Global Partnership for Sustainable Development Data

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/

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

[download ⌄] [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

[download ⌄] [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

[download ⌄] [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.

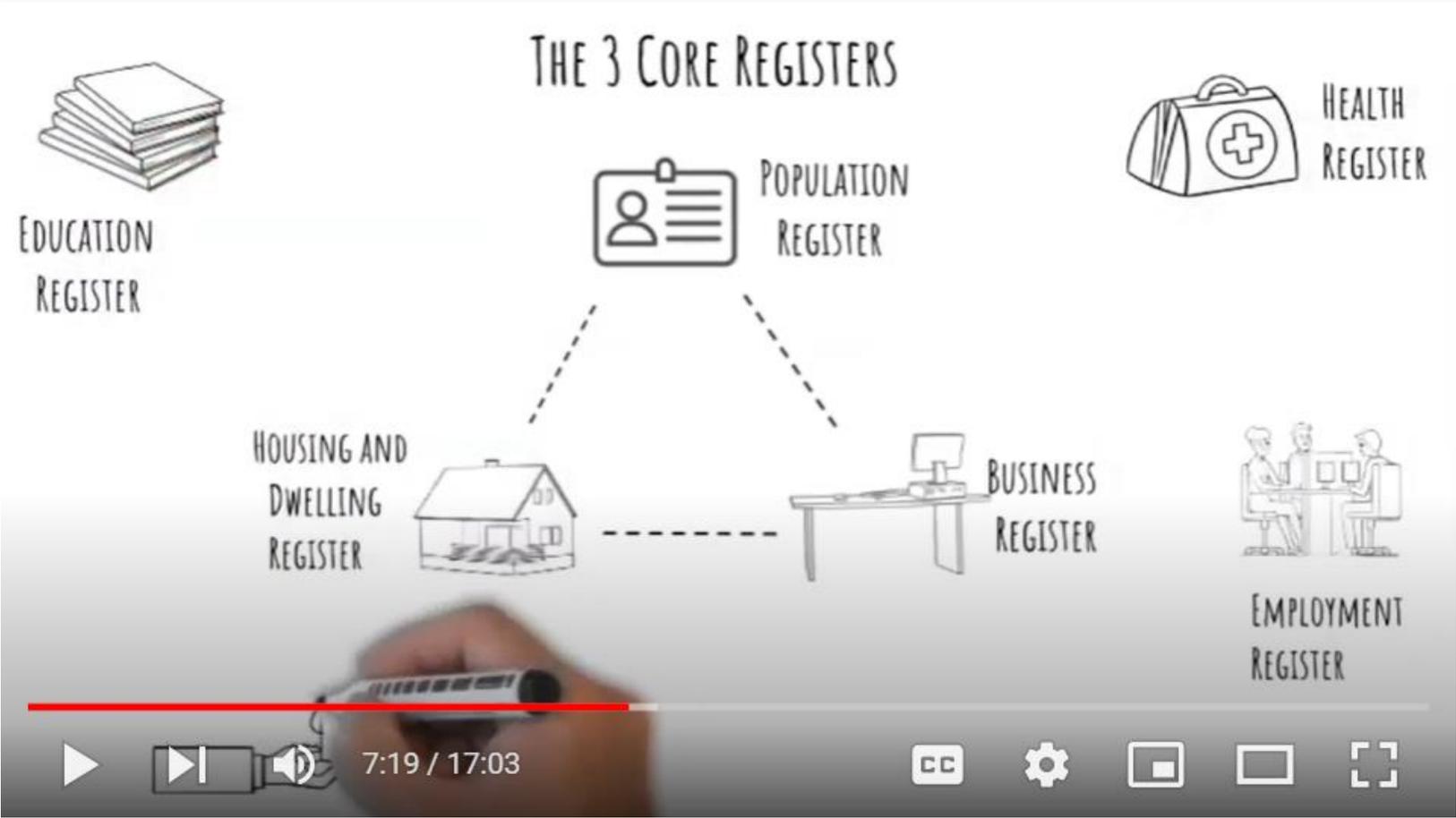[download ⌄] [View Details]

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Nordic model video

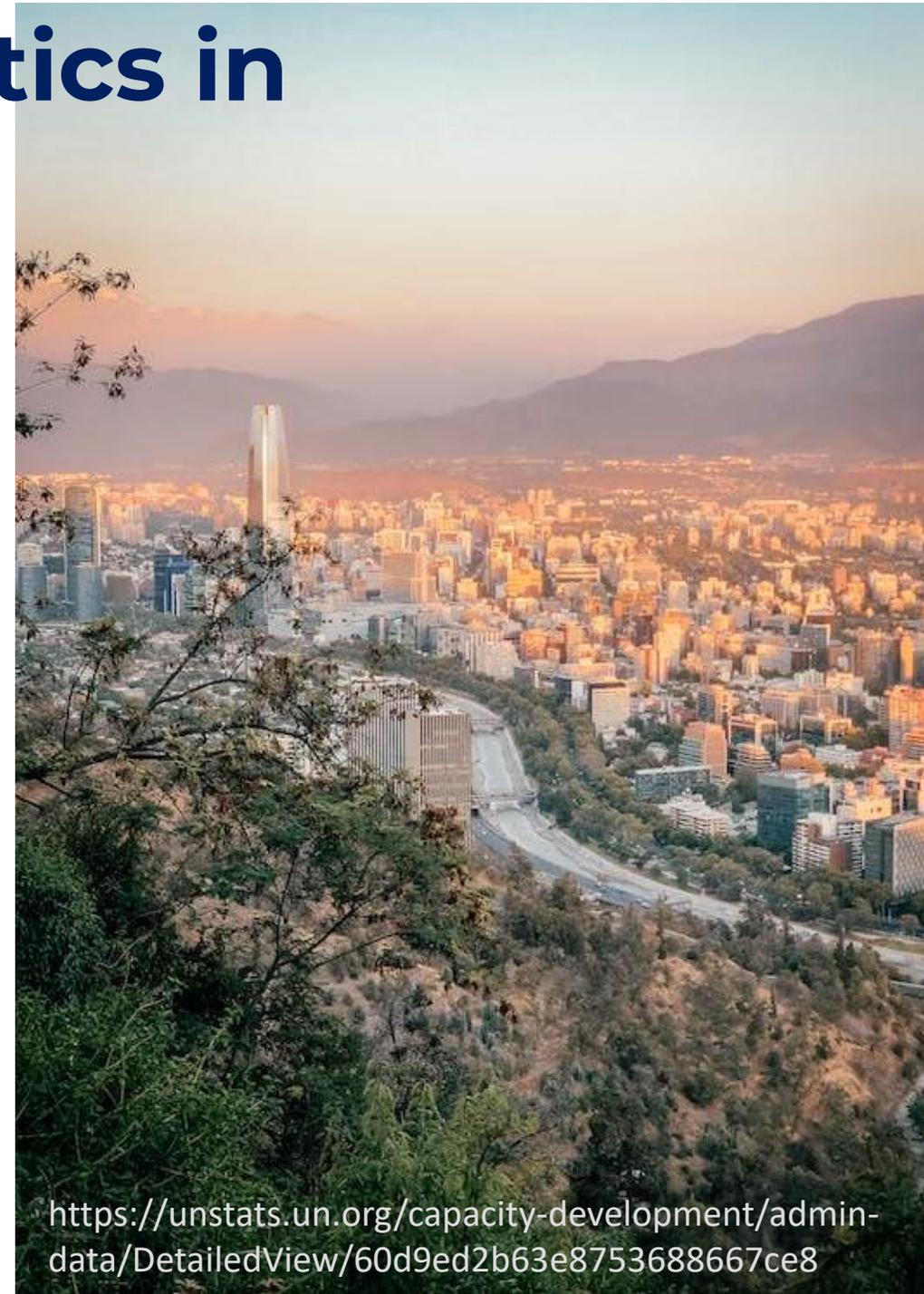https://www.youtube.com/watch?v=Pq6ardjQflM

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.

https://unstats.un.org/capacity-development/admin-data/DetailedView/60d9ed2b63e8753688667ce8

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

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?

Thank you

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