



Republic of the Philippines
PHILIPPINE STATISTICS AUTHORITY

Quality Assessment of the Philippine Civil Registration and Vital Statistics

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Outline



Background

Civil Registration flow

Current process

Moving forward



Background

- ❑ **Civil Registration in the Philippines has gone through various significant developments from the time it was legally instituted as a system with ratification of Act No. 3753 (Civil Registration Law) in 1930.**
- ❑ **Legal and Institutional Framework:**
As a state policy, the system mandates the basic and compulsory registration of all vital events and the accompanying changes in the civil status of every Filipino citizen.



Background

- ❑ In terms of the system's structure, the Philippines presents a robust mechanism with its legally defined operational and administrative setup, from the municipality, where the unit of vital registration is fixed to the central depository of the vital documents at the Philippine Statistics Authority
- ❑ Under Republic Act No. 7160 (Local Governance Code), civil registration is a function of the local government through the City/Municipal Civil Registrar but is under the technical supervision of the Civil Registrar General, concurrent National Statistician of the PSA



Civil Registration Flow



Civil Registration Flow



STEP 2

STEP 2

At the LCRO, the forms are: checked for completeness and correctness of entries, entered in the Registry Book, assigned a Registry Number, and encoded in the Philippine Civil Registry Information System (PhilCRIS)

Civil Registration Flow



STEP 3

STEP 3

Civil registration forms and data files are forwarded to the PSA Provincial Office. Some forms not encoded in the PhilCRIS are encoded in the Decentralized Vital Statistics System (DVSS). The forms and datafiles are then forwarded to the PSA Central Office six weeks after the reference period.

Civil Registration Flow

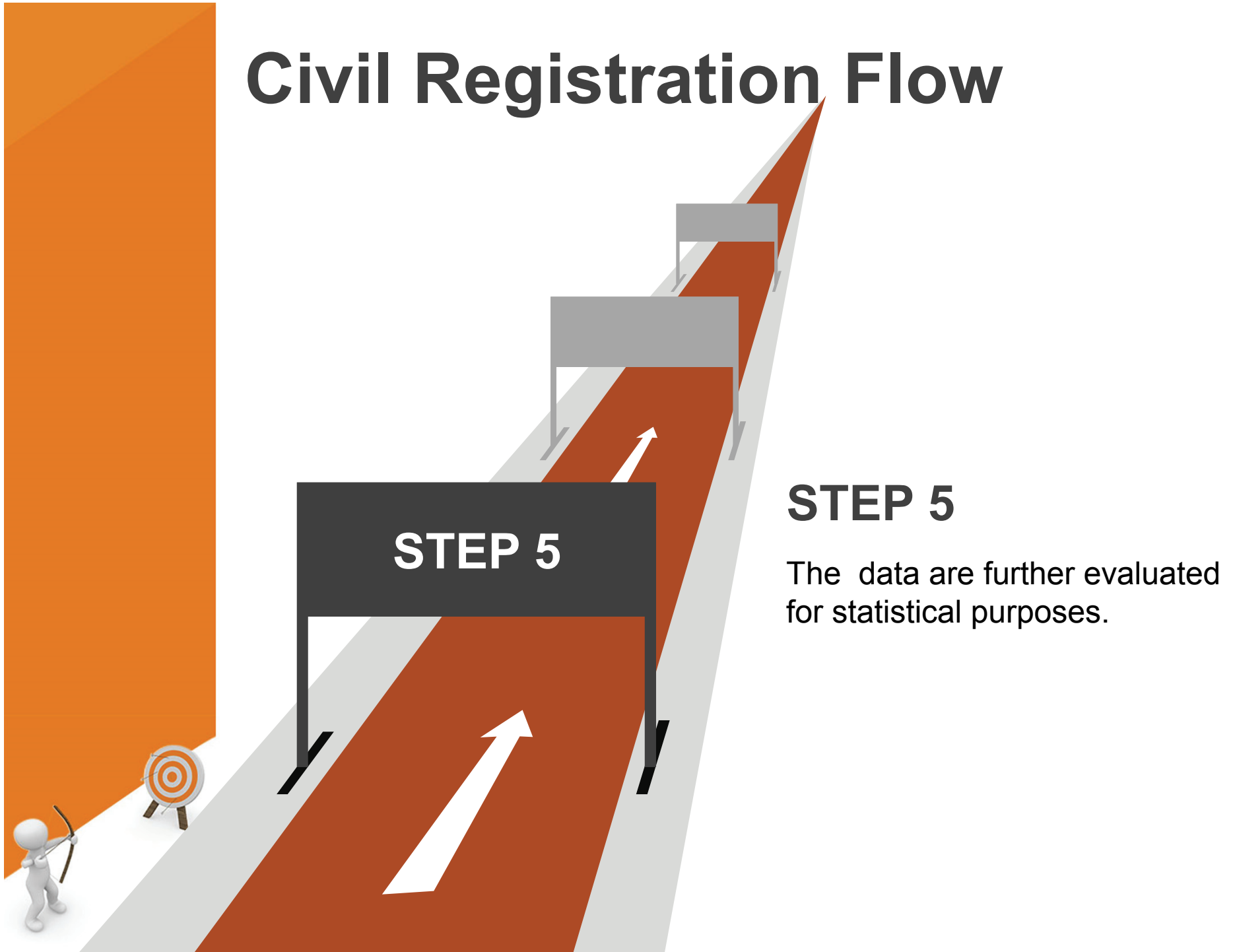


STEP 4

STEP 4

At the Vital Statistics Division of the PSA, the forms and data files are checked for completeness and consistency of entries.

Civil Registration Flow



Current Processes



Civil
Registry
Systems

❑ PhilCRIS

Philippine Civil Registry Information System is a windows-based software available for use by the Offices of the Local Civil Registrars.

Some features are data management and maintenance of the local civil registry database and enables encoding of relevant information from civil registry documents.

Current Processes



Civil
Registry
Systems

□ DVSS

Decentralized Vital Statistics System was developed to improve the decentralized processing of the civil registry documents and generation of vital statistics at the PSA Provincial Offices.

It aims to generate vital statistics at the city/municipal, provincial, regional and national level, and facilitate data conversion specifically on the generation of indices.

Current Processes



Data Quality Checks

- ❑ Checking for completeness and consistency of entries (forms vs. data files)
- ❑ 100% verification of codes of causes of death
- ❑ Data evaluation for age-sex accuracy using Age-Sex Ratio Analysis, UN Age-Sex Accuracy Index, Myer's Index and Whipple's Index
- ❑ Computation of level of completeness of birth and death registration



Current Processes



Review
of Civil
Registration
forms

- Civil registration forms are reviewed in partnership with the Department of Health, selected civil registrars, physicians, and other stakeholders
- To conform with international standards
- To improve reporting of information
- To provide more data for health policy and program



Current Processes



Strategic
Initiatives

- ❑ Human resources training
 - ✓ training on data evaluation, CR systems, ICD-10 coding
- ❑ Capacity building for civil registration stakeholders
 - ✓ conduct of conventions, seminars and trainings



Current Processes



Strategic
Initiatives

- ❑ Partnership with Bloomberg Data for Health Initiative (D4HI)
 - ✓ collaboration project with Vital Strategies and University of Melbourne to improve the timeliness, completeness, and accuracy of generated vital statistics from 2015 to 2019
 - ✓ The project aims to introduce interventions and trainings available under D4HI that will support the national CRVS priorities for the systematic review of the CRVS system and improving the quality of birth and death registration systems including causes of death in the country.



Current Processes



Strategic
Initiatives

- ❑ Partnership with Bloomberg Data for Health Initiative (D4HI)

Four objectives of the project:

- (1) Undertake CRVS Enterprise Architecture (EA) analysis

EA is a diagnostic tool that can be used to provide a systematic review of the CRVS system

- (2) Improve quality of vital statistics data through Analysis of Causes of National Deaths for Action or ANACONDA

ANACONDA is a tool for checking the quality of mortality data which provides a step by step approach to enable users to quickly conduct a comprehensive review of the mortality levels and causes of death



Current Processes



Strategic
Initiatives

- ❑ Partnership with Bloomberg Data for Health Initiative (D4HI)

Four objectives of the project:

- (3) Build capacity for data-driven continuous quality improvement with focus on estimating completeness of birth and death registration

Using old and latest census results

- (4) Introduce and support automated coding through IRIS tool.

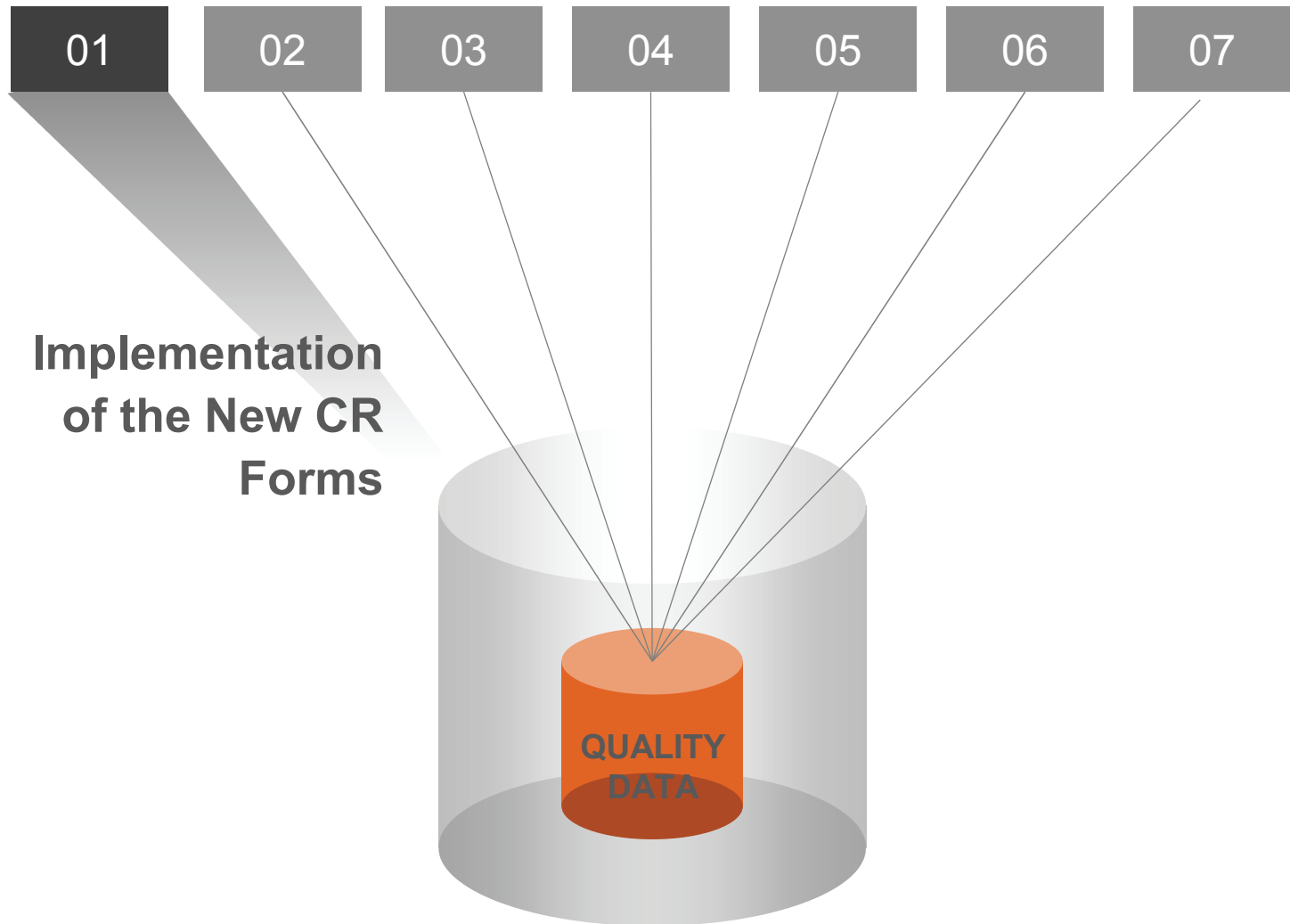
IRIS is another tool which provides interactive coding software specifically developed for coding of causes of death and to select the underlying cause of death.



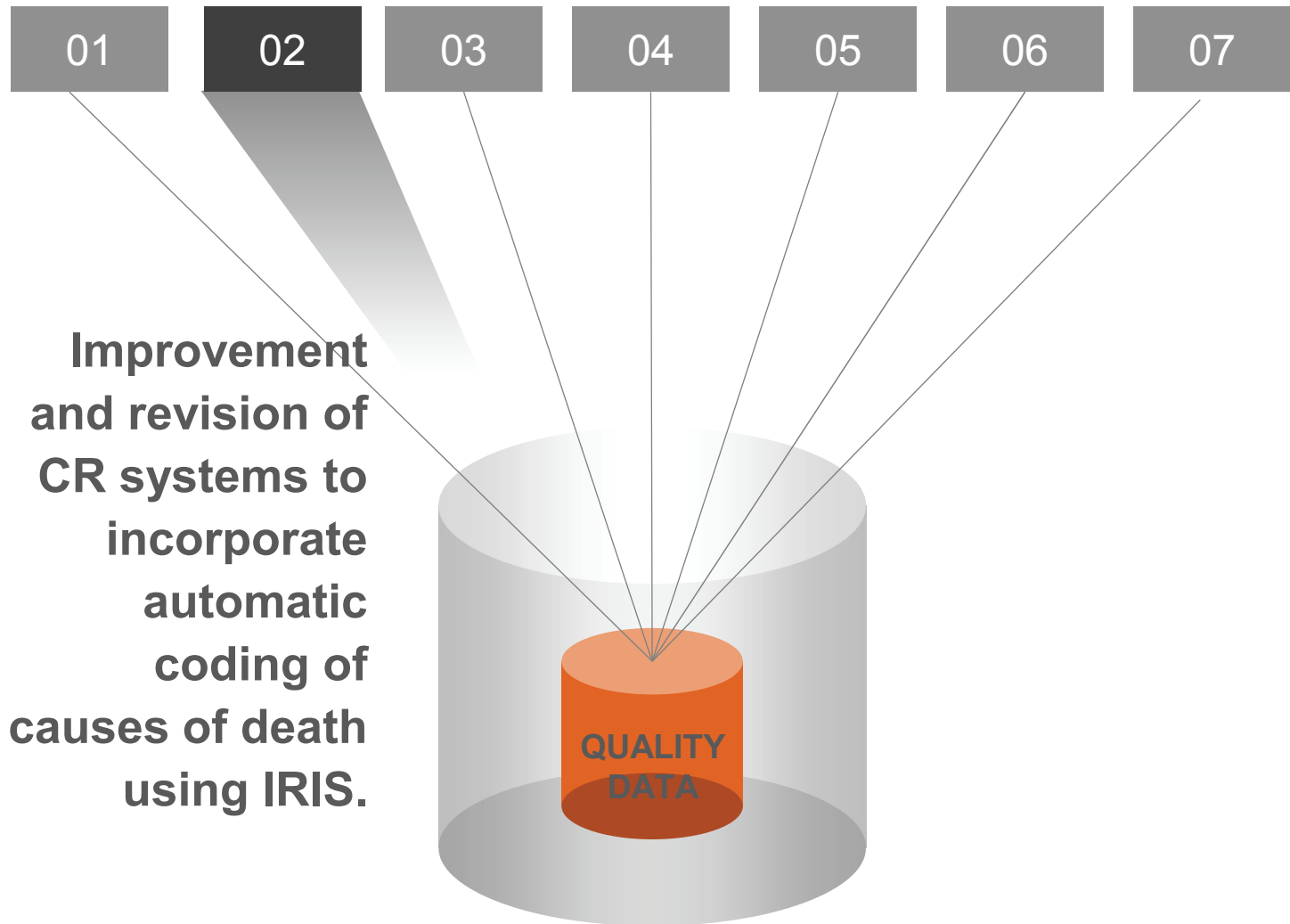
Moving forward...



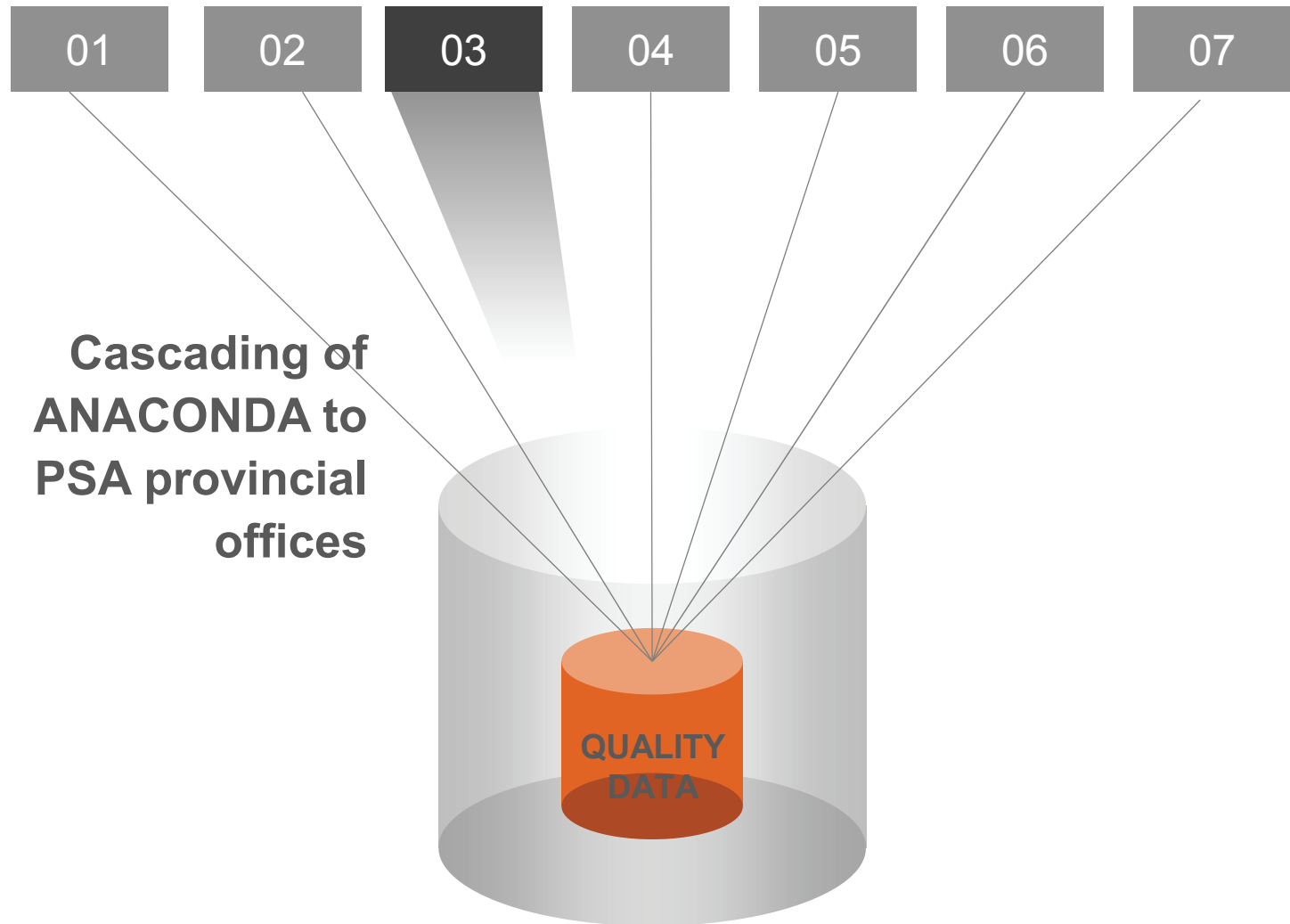
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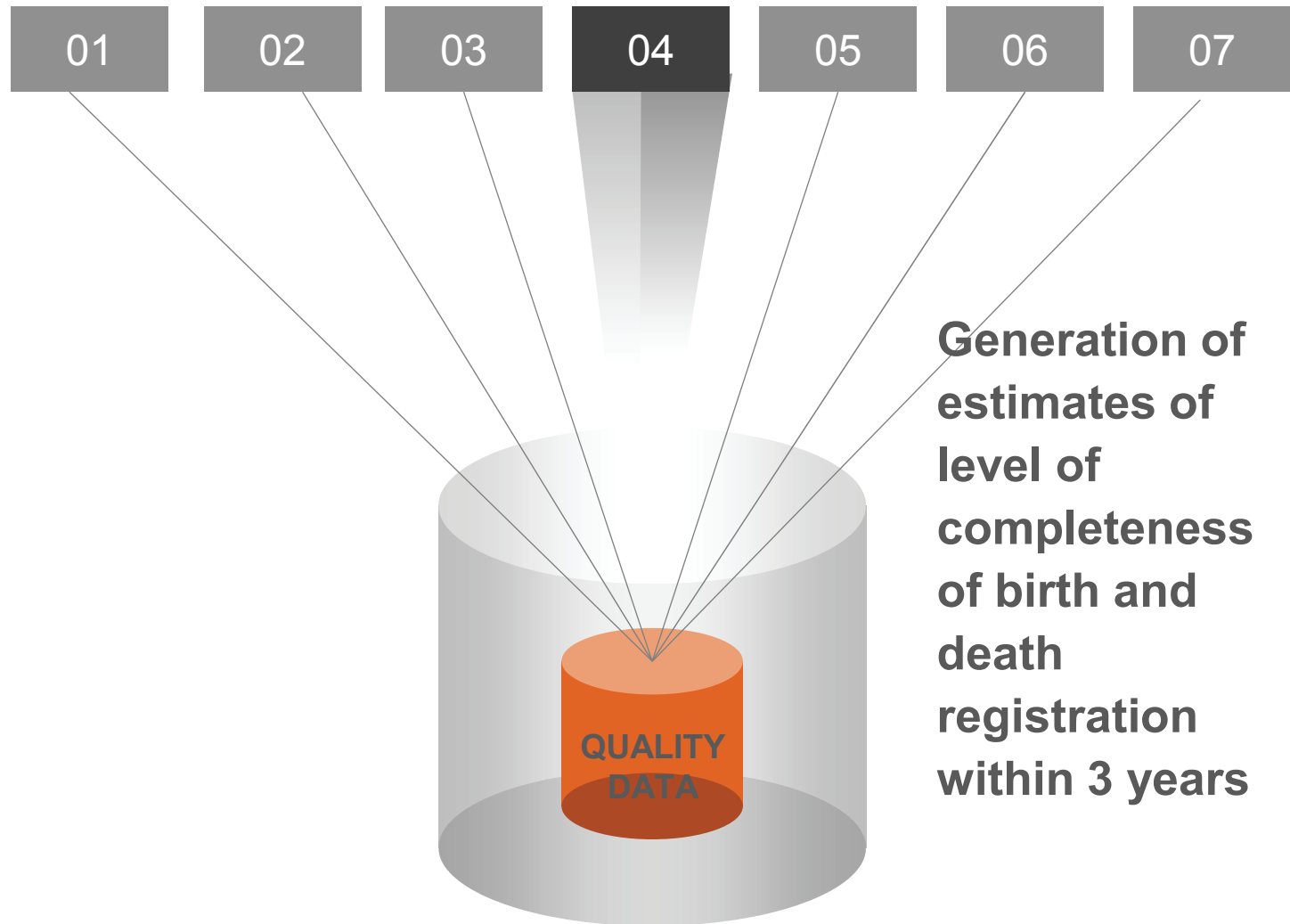
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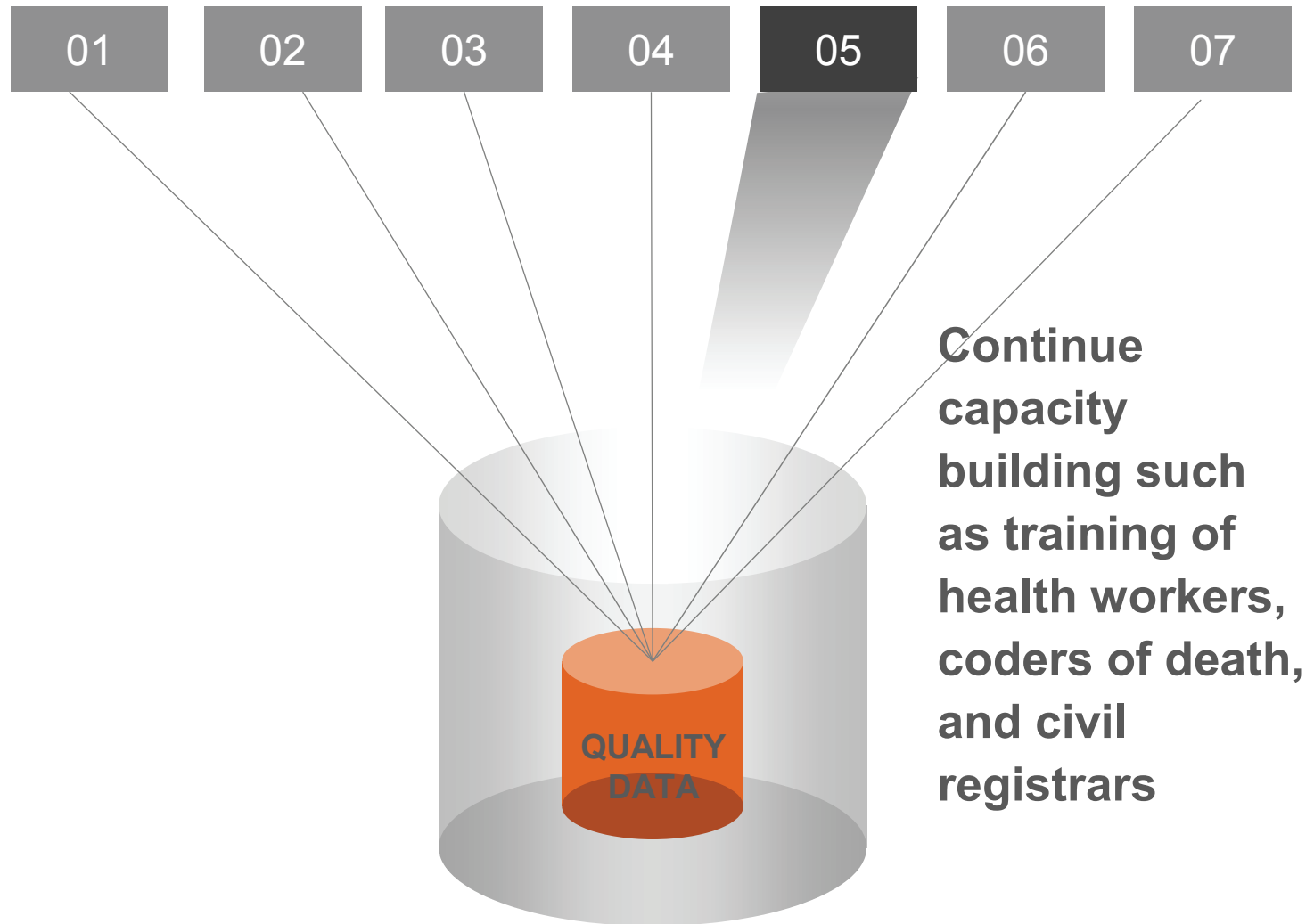
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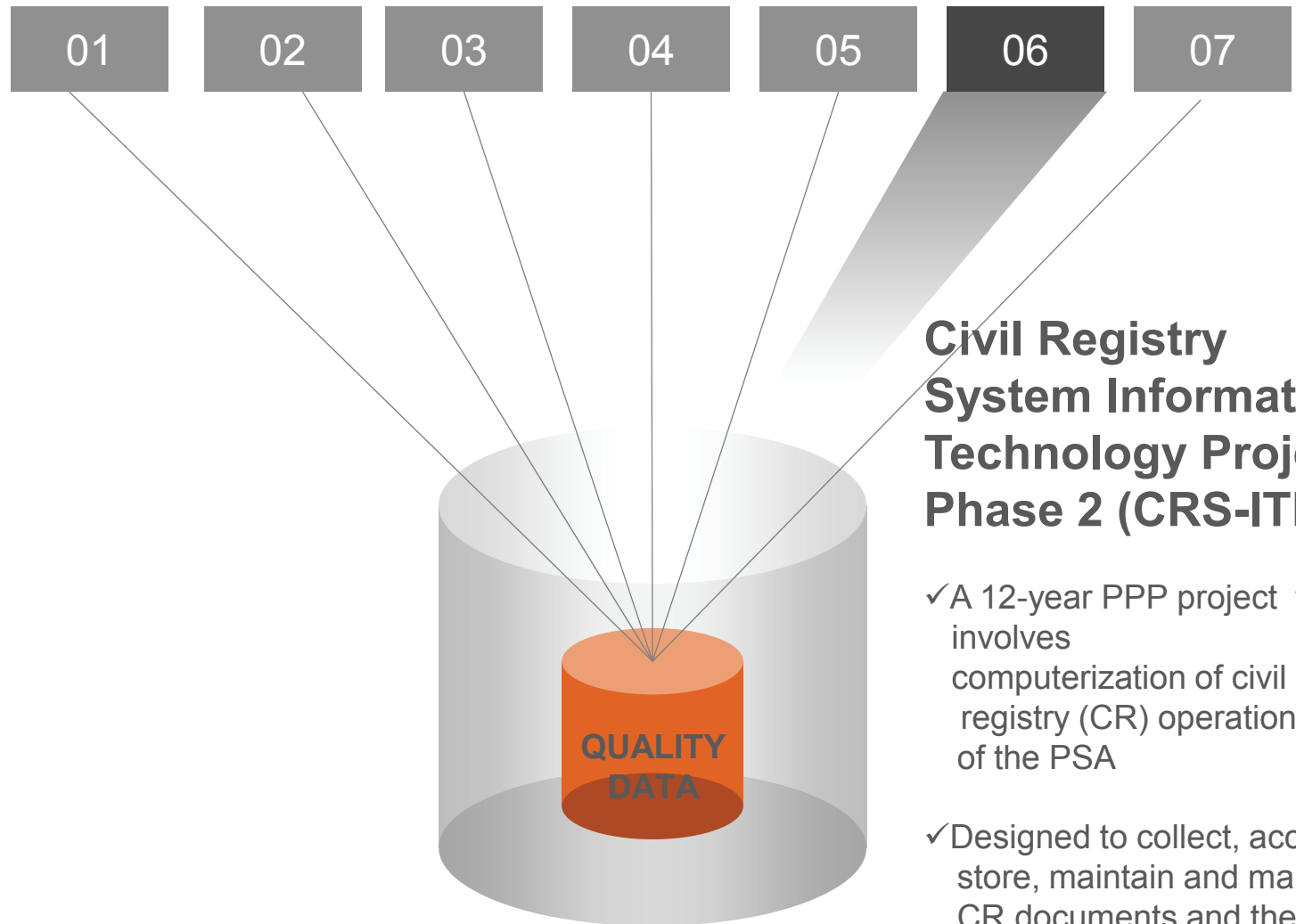
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Moving forward...



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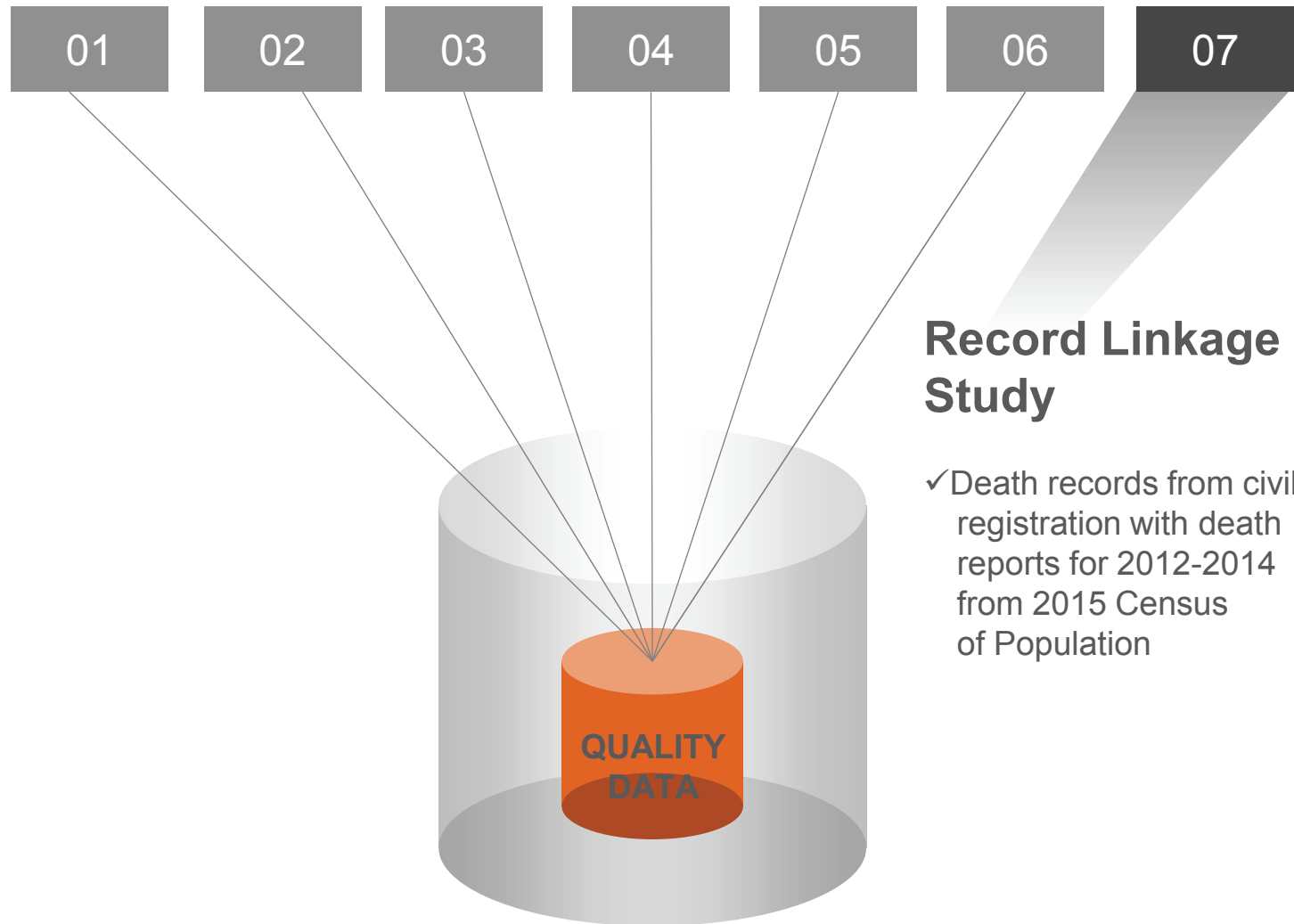


Civil Registry System Information Technology Project Phase 2 (CRS-ITP2)

- ✓ A 12-year PPP project that involves computerization of civil registry (CR) operation of the PSA
- ✓ Designed to collect, access store, maintain and manage CR documents and the specimen signatures of all city/municipality registrars using imaging technology



Moving forward...



Thank
You!



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