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ICT and ID Management in the health sector

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HEALTH SECTOR GROUP

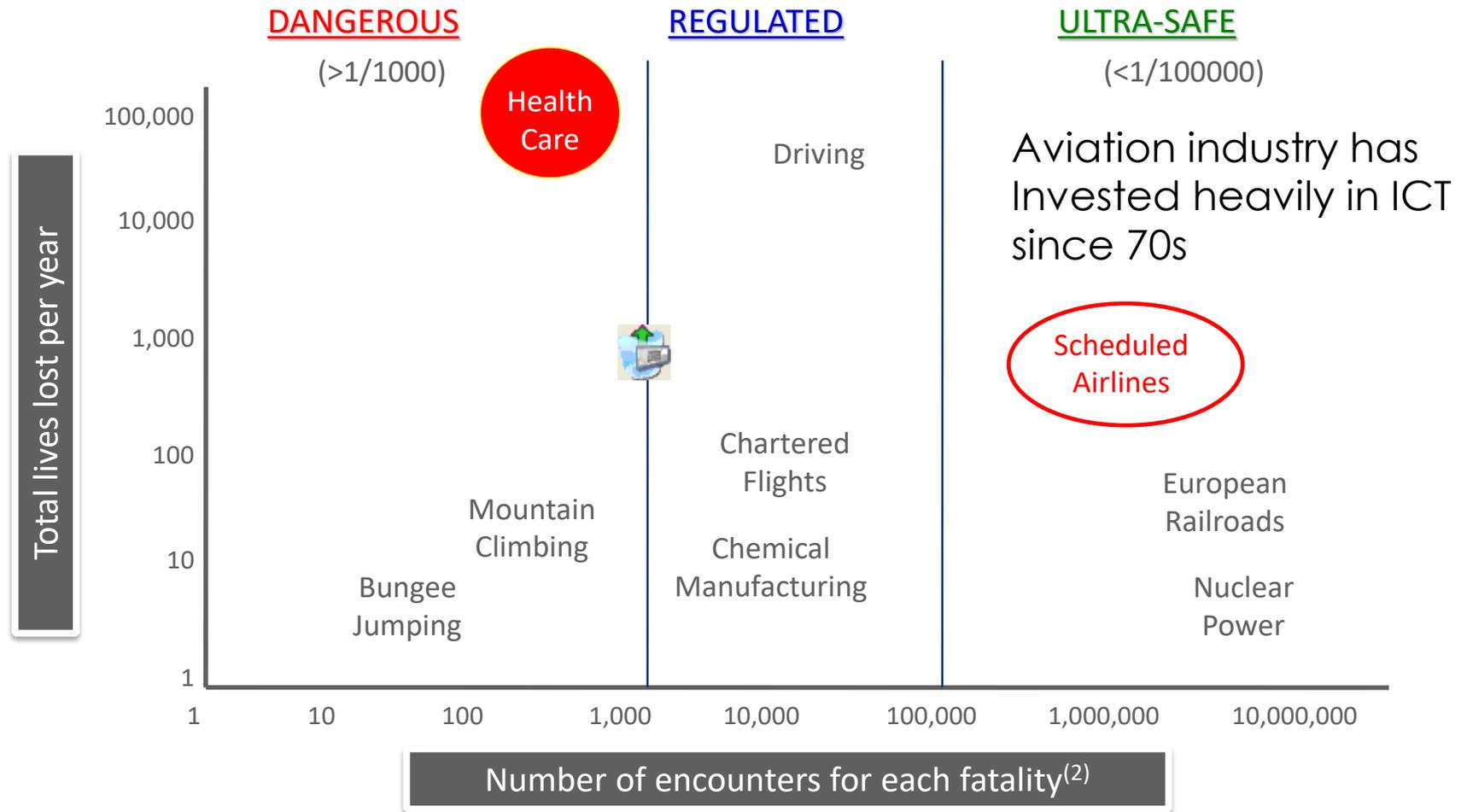
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Key Points

- ICT investments need to be made beyond one sector.
- Strong business case in the health sector.
- ICT in the health sector improves:
 - Quality and safety of Care
 - Continuum of Care
 - Efficiency of Care
 - Equity of Care
- ID is a crucial tool.

ICT enables safer Health Care

The right patients gets the service he or she needs and is entitled to



(1) Peter Pronovost, *Practical Tools to Improve Patient Safety*

(2) Lucian L. Leape, MD, Harvard School of Public Health, Psychiatric Society Risk Management Conference

CRVS
National IDs
Other SP programs

Health Insurance
Health Programs

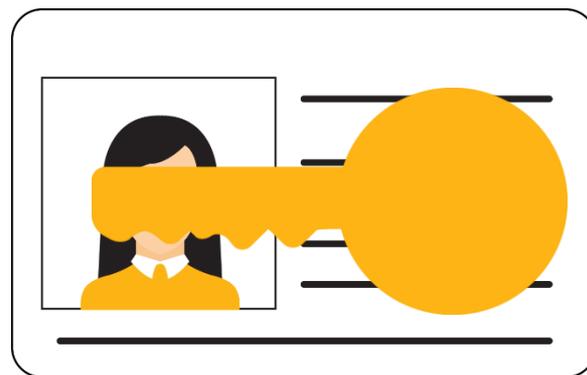


E-governance
ICT infrastructure
Government Networks
Private Sector

IDs to track people in ICT enabled health information systems



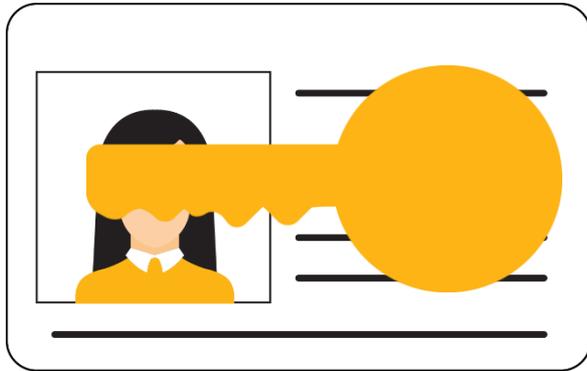
ICT
as a driver



Unique ID
as a tool



Unique ID helps track patients through their life course



- Ensure clients gets the services entitled to
- Ensure efficiency of service delivery
- Provide continuum of care
- Improve planning of health services



Non-Communicable Diseases ↑

Population aging ↑

Unique Health ID is a tool to link health information systems

Health Insurance- Operational IT System

Manage providers and clients

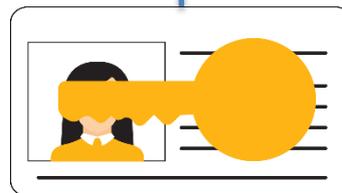
Facilitate claims and reimbursement

Manage individual insurance members information

Care Delivery- Health Management Information System

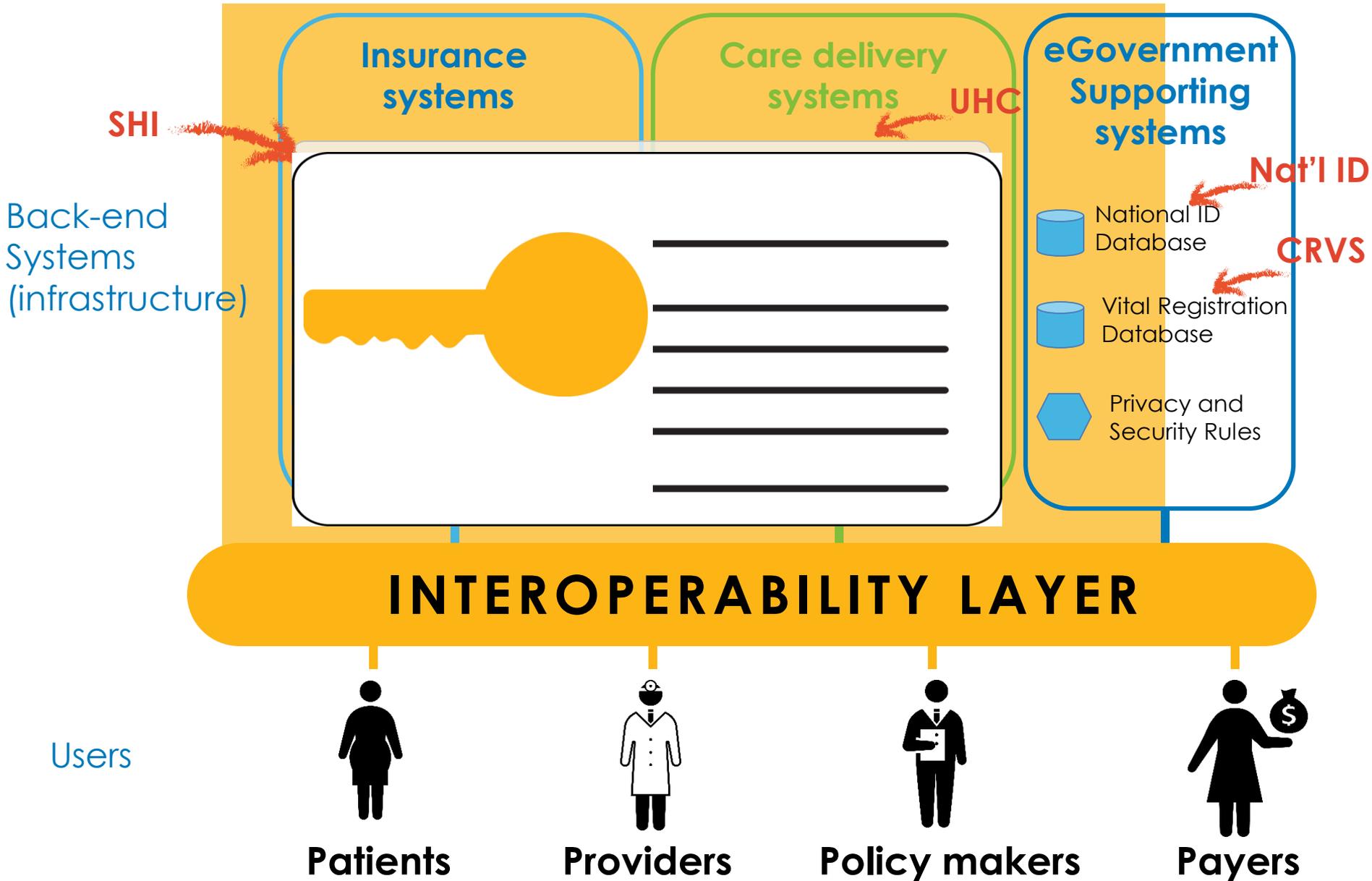
Mostly aggregated data in the past (focus on communicable diseases)

Now need to disaggregate and trace individual patients



Unique Health Identifier

Interoperability is key



OPTION 1: Identification via National ID first

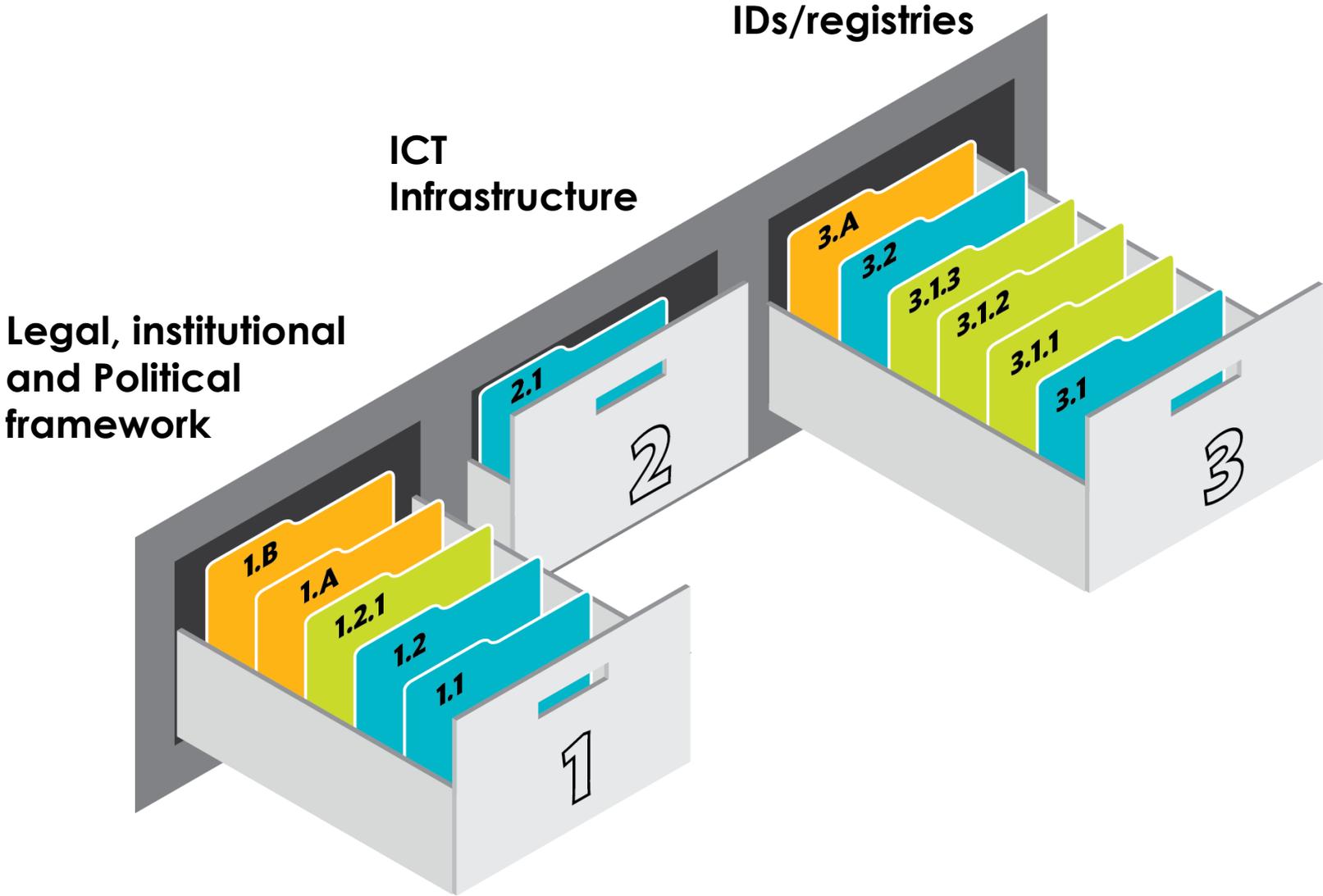
Think of the health sector when rolling out/reforming your national ID system.

OPTION 2: Identification via Health ID first

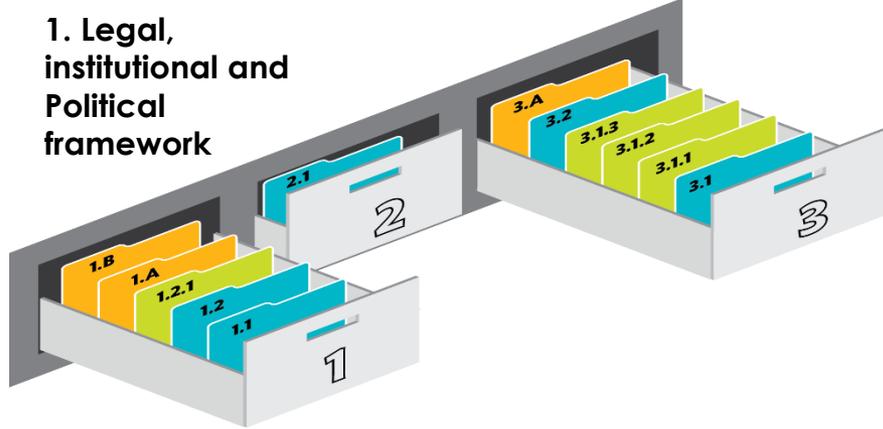
Plan for interoperability between unique health ID and national ID system.

Use health sector as business case to invest in integrated ICT/ID systems.

ID toolkit helps to decide which option is best for the country context

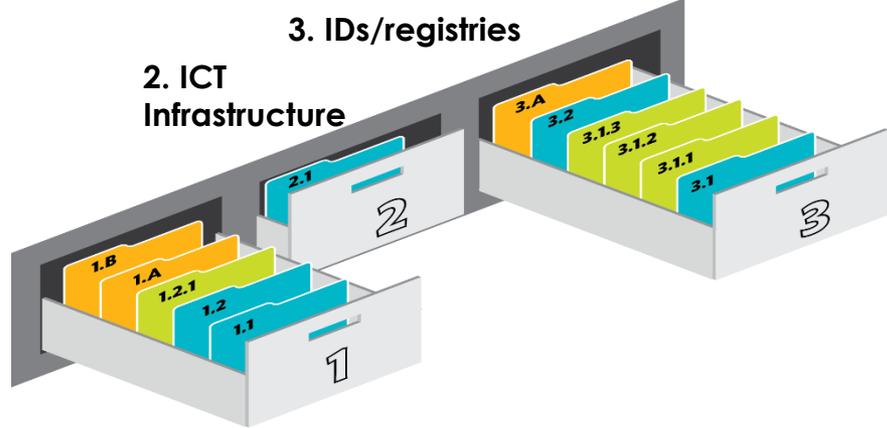


1. Legal, institutional and Political framework



Get started with unique health identifiers (1)

- ✓ Develop an **enabling legal environment** including data privacy and security.
- ✓ Align organization and **define e-governance processes** to ensure efficient and transparent service delivery.
- ✓ **Convene stakeholders** and create cross-agency support.
- ✓ Develop **long0term financing** and capacity development plan for ICT investments and training program.



Get started with unique health identifiers (2)

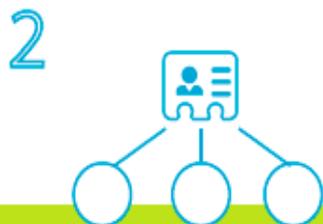
- ✓ Invest in **network infrastructure**.
- ✓ Establish **ICT based universal civil registration and vital statistics**.
- ✓ Build and **integrated population identification system**.
- ✓ Launch a unified **data distribution and verification center**.



10 Lessons Learned towards unique identifiers



Countries Need the Right Laws in Place



Social Services Require Identification



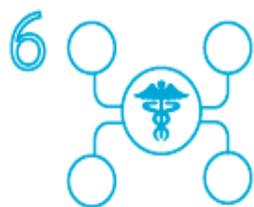
Birth and Death Registration is Crucial



Birth and Death Registration Requires Incentives



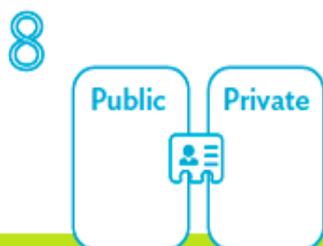
Health Identification Requires Proper Administration



There Should be a Focal Agency



ID Numbers of Family Members Must be Linked



Governments Should Encourage the Public and Private Sector to Uptake Health IDs



Implementing Health Identifiers Requires a Sufficient Infrastructure and Staff Training



Health ID Numbers Need to Support Social Protection

ADB Health

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