



# E-Health Governance in Canada

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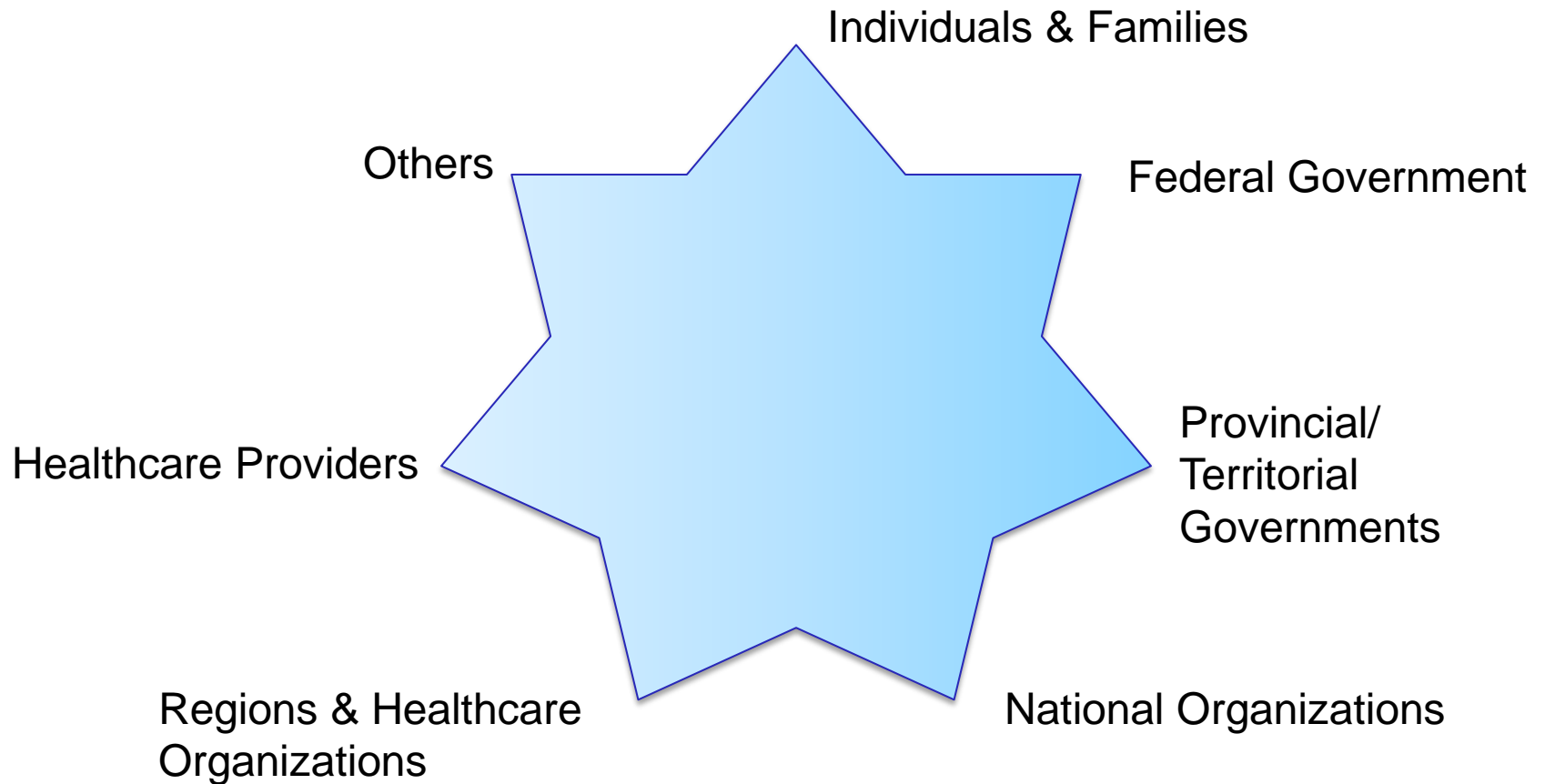
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E-Health governance reflects the structure of the health system

# Canada's Health Systems

- Federal role
- Series of interlocking health care insurance plans for medically necessary hospital & medical care administered by:
  - Provinces and territories
  - Federal government for specific populations
- Mix of service providers, the structure of which varies across jurisdictions
- Other services (e.g. prescription drugs, dental care) funded through a mix of sources

# Key Stakeholders



# National eHealth Initiatives

## Electronic Health Records – the Vision



### Canada Health Infoway:

An electronic health record is a secure and private lifetime record of an individual's health and care history, available electronically to authorized health providers..... and to citizens

# Leadership – Governance

## Canada Health Infoway

- Independent, not-for-profit corporation
- Equally accountable to 14 F/P/T governments; the Members
- Independent Board of Directors appointed by the Members
  - mix of public and private sector representatives
  - public sector representatives are regionally focused
  - private sector representatives are from finance, information technology and clinical backgrounds

A shared governance model to enable the ongoing agreement and collaboration among all 14 governments

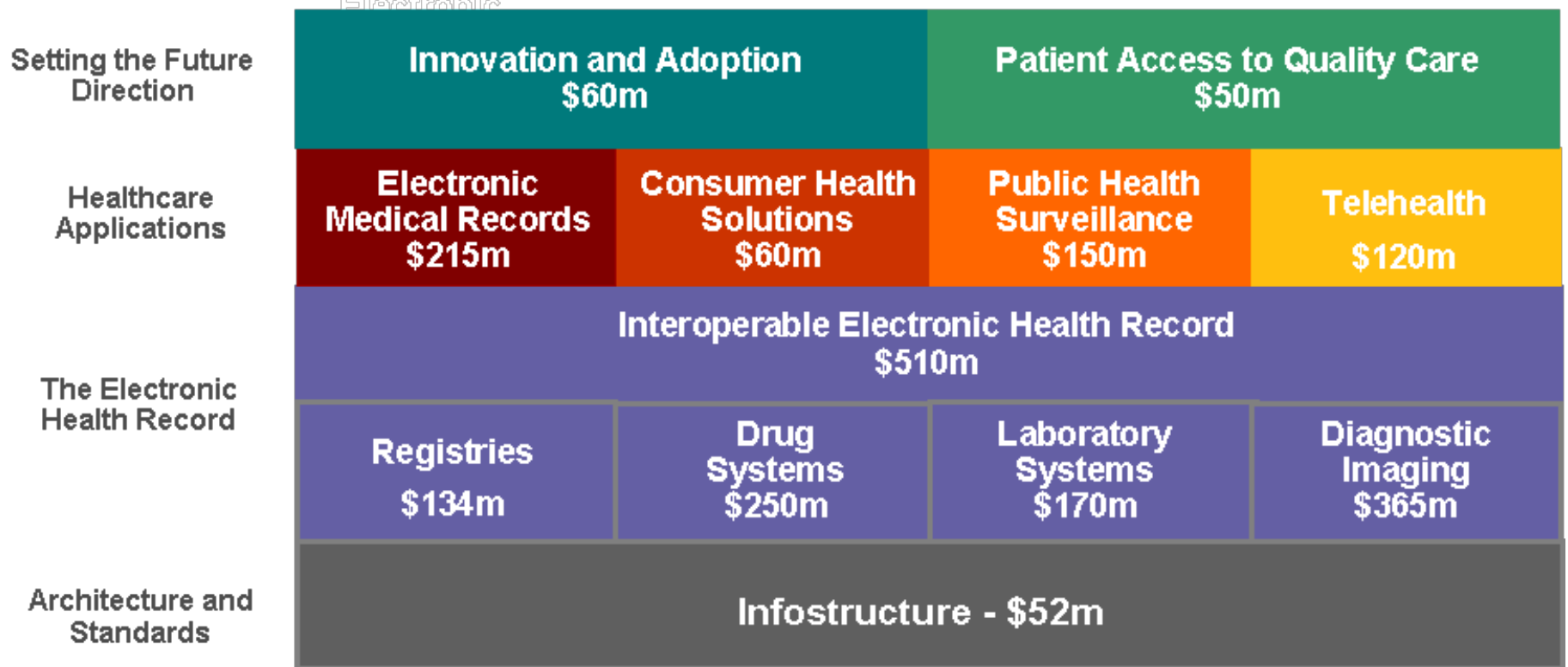
# Approach – Investment Model



Canada Health Infoway– A strategic investor model that ensures an accountable ehealth spend

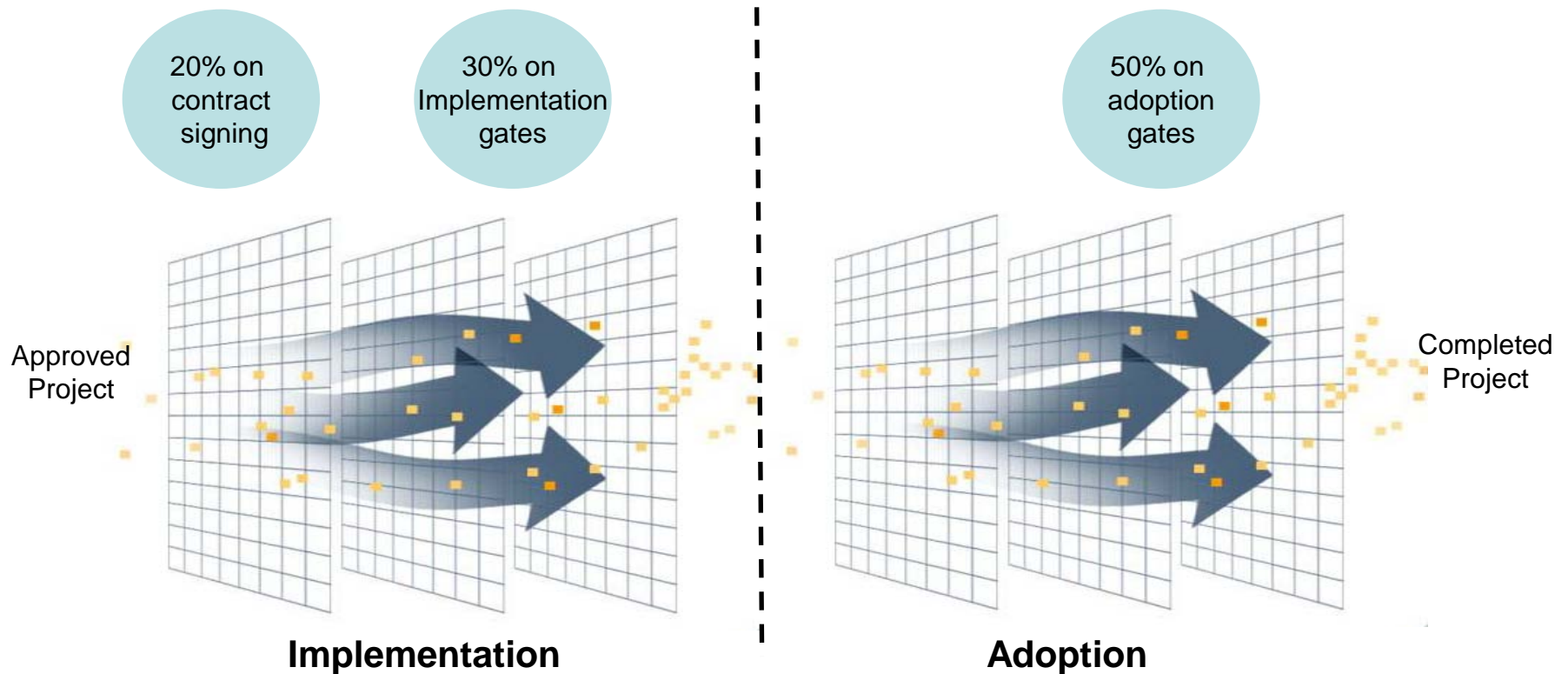
# Approach – Investment Model

Electronic



# Approach – Investment Model

Infoway co-invests with jurisdictions at 75:25 of eligible project capital costs. Jurisdictions pay for the operating costs



# Approach – Engagement Approach

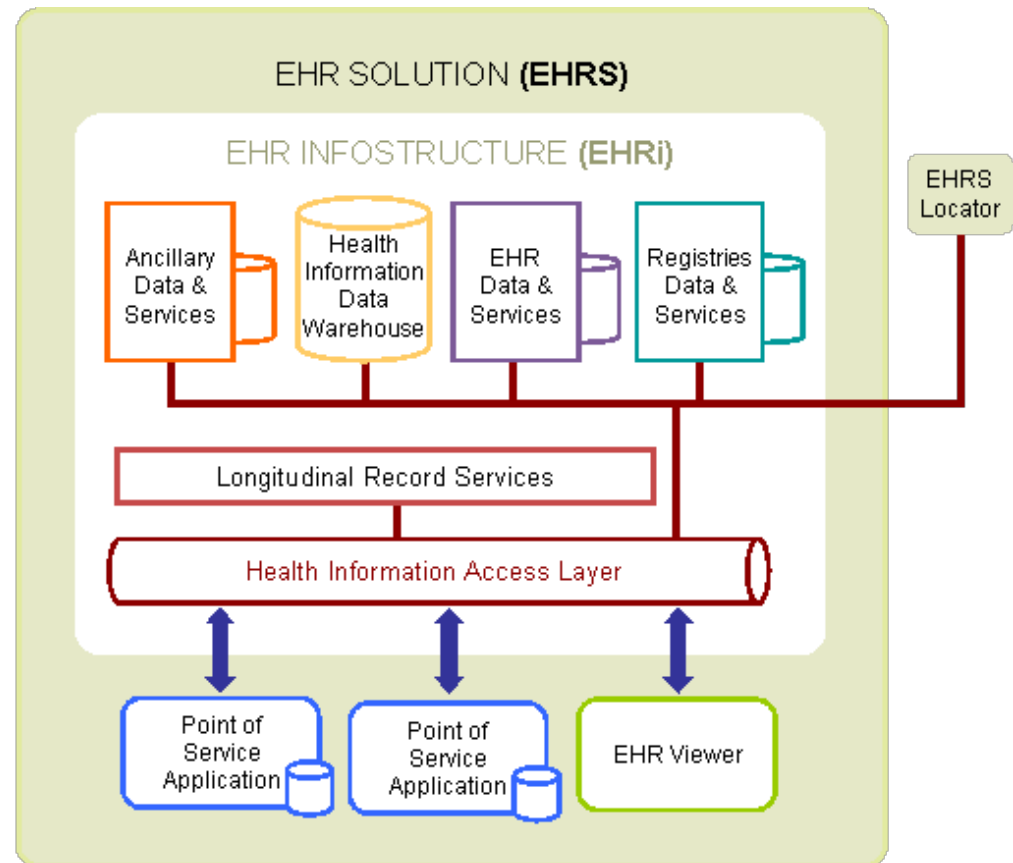
## Partnership built on Collaboration

- **Shared governance** – represented by the federal, provincial and territorial governments
- **Pan-Canadian approach** – a common national direction, leveraging investments and replicating solutions but with local flexibility
- **Collaboration** – working together with jurisdictions to plan and implement a pan-Canadian health infostructure
- **Sharing of cost and risk** – co-investing with jurisdictions in the successful modernization of health information technology across Canada
- **Benefits driven** – clearly demonstrating what was achieved for the investment

# Approach – Architecture

- Common architecture accepted by jurisdictions and vendors
- links local clinical systems with jurisdiction and regional registries and repositories using a data sharing approach
- serves as a reference model for Infoway investments
- Freely available on the Infoway website

<http://www.infoway-inforoute.ca>



Value Created – a common ehealth “technology investment target” that was accepted by jurisdictions and vendors

## Approach – Standards

### Ensuring Interoperability and Privacy

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- **Infoway Standards Collaborative**; a single national group for standards development, support and maintenance
- Standards necessary to allow data and document sharing
- International propagation of the standards developed in Canada
- Infoway investments require standards compliance
- eHealth Certification Services introduced in 2009

#### Messaging

HL7 and DICOM are the primary standards for the electronic exchange of clinical and administrative data

#### Terminologies

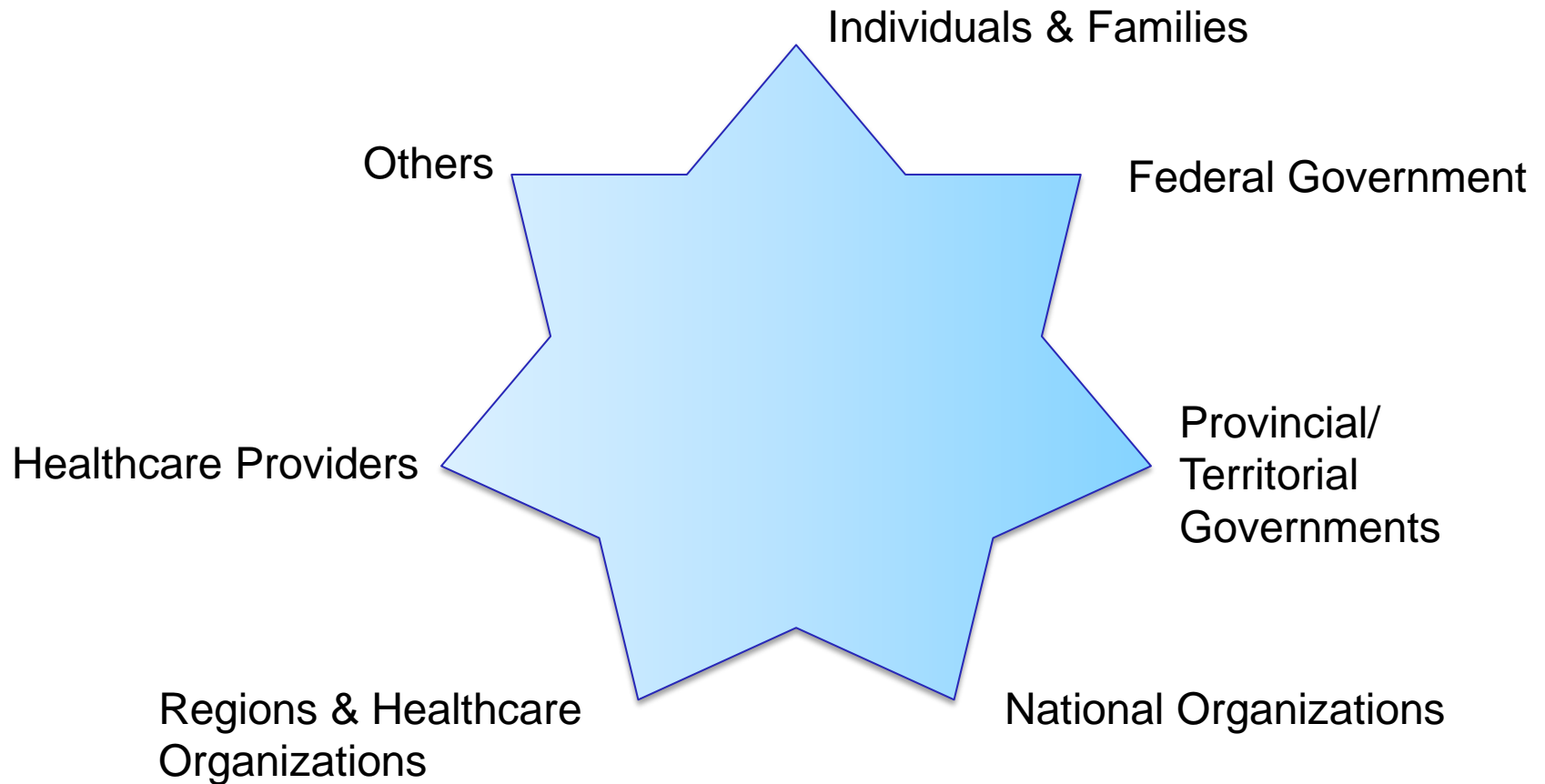
SNOMED CT and LOINC are the primary terminologies for coding of clinical information

#### Interoperability Profiles

Define functional behaviours of components of the EHR system

Value Created – the definition and implementation of what is required for interoperability

# Key Stakeholders



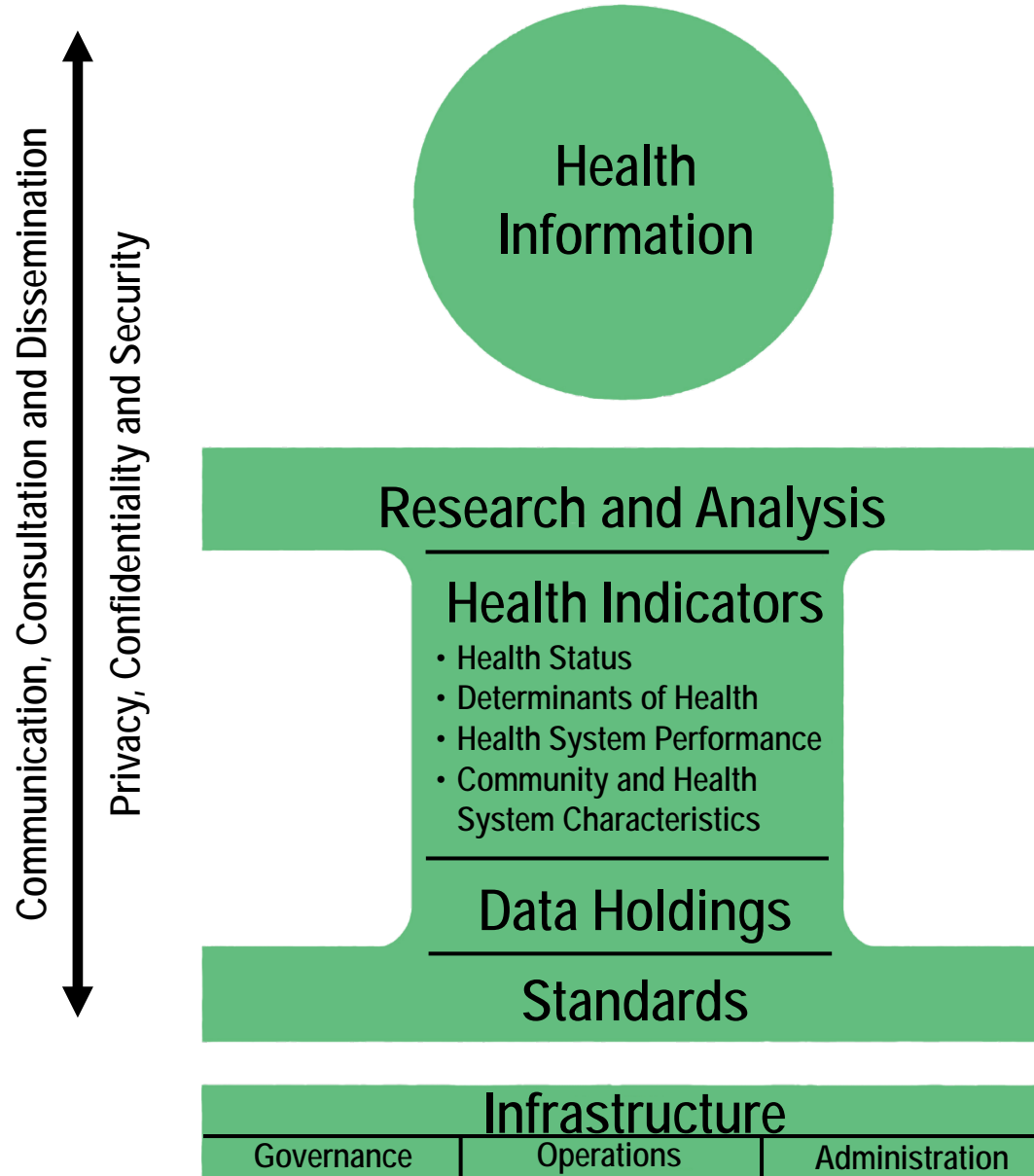


# Canadian Institute for Health Information

- A national, independent, non-profit agency
- Mandate:
  - national coordination mechanism for health information in Canada
  - provide accurate and timely information for:
    - sound health policy
    - effective management of the health system
    - public awareness of health determinants

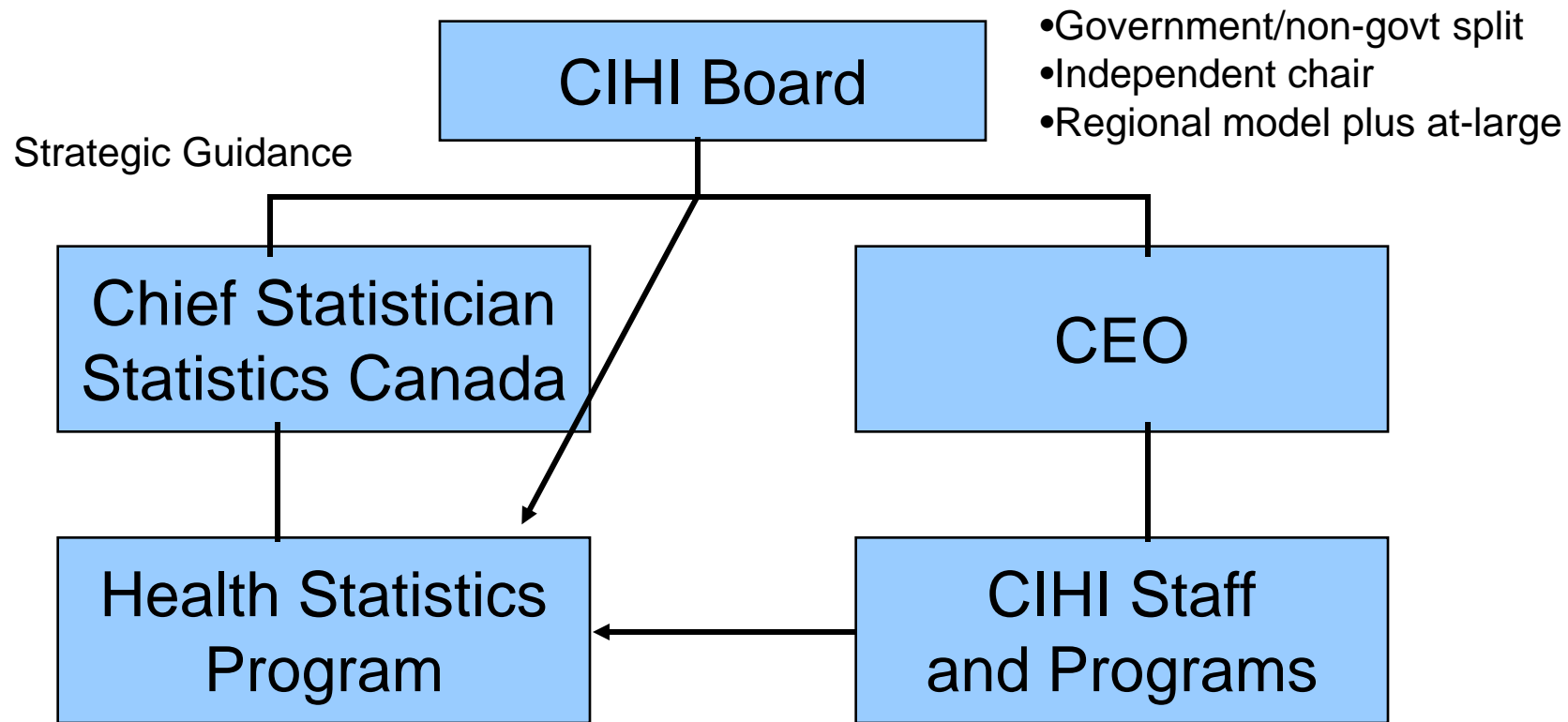


# CIHI: Strategic Framework





# CIHI Organizational Model



Questions? Discussion?