

**NEW
ZEALAND
HEALTH I.T.**



smart solutions for better health

The logo for New Zealand Health IT, featuring the text "NEW ZEALAND HEALTH IT." in a bold, sans-serif font. A small graphic of a stylized bird or wing is positioned to the right of the word "ZEALAND". The logo is set against a black rectangular background.

**NEW
ZEALAND
HEALTH IT.**

National Healthcare ICT Conference Kuala Lumpur – October 2010

**Dougal McKechnie
Chief Executive, New Zealand Health IT Cluster**

This session

- Introduction
- Health ICT industry in New Zealand
- The New Zealand National Health IT Plan
- Further information and contacts

- Annex 1 - Governance of eHealth

Health IT Cluster

- Vibrant alliance of vendors and supporting members including academia, healthcare providers and policy makers
- Vendor members are multi-nationals and local companies providing information communication and technology solutions and services to the health sector
- Established in 2002
- **100+ organisations**
- **Estimated revenue of around NZ\$350 million per annum**
- Represent members interests
- Facilitate and seek funding for collaboration, innovations and projects
- Neutral vehicle for dialogue between decision-makers and industry
- Formal partnerships: NZICT, MTANZ, NZBIO, NZTE, MOH/NHB

Health interventions

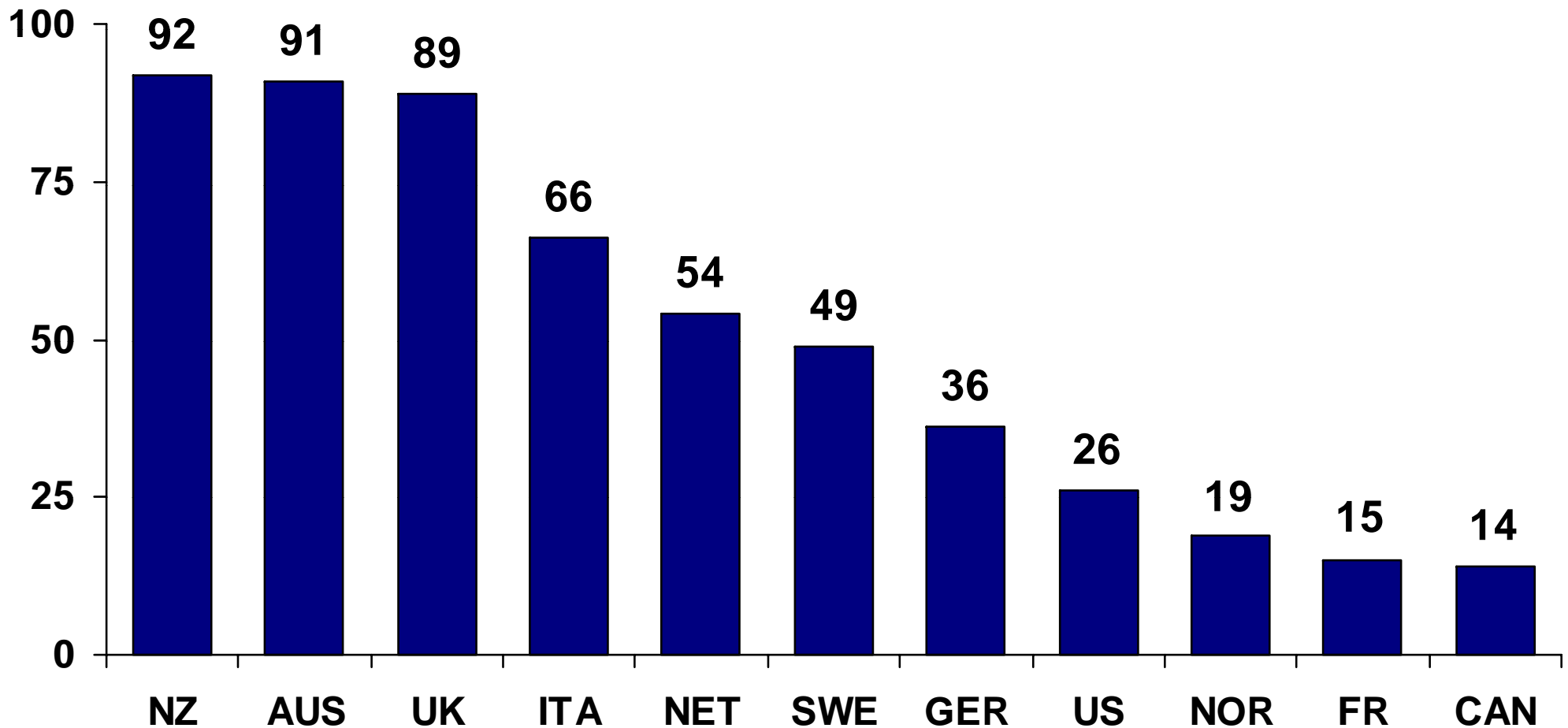
- **On average in New Zealand every day ...**
 - 160.....babies are delivered
 - 1,500.....people are admitted to a public hospital
 - 2,000.....visit an emergency department
 - 2,500.....are in community-based mental health care facilities
 - 4,000.....outpatient appointments are held
 - 25,000.....people are in long-term residential care
 - 40,000.....laboratory tests are undertaken
 - 55,000.....people visit a GP
 - 70,000.....home visits are undertaken by allied health workers
 - 105,000...prescriptions are dispensed in the community
- **These interventions are provided by a workforce of 120,000 employed across some 17,000 organisations.**

New Zealand 'Health system' challenges

- The pressures are:
 - Demographics
 - Long-term conditions
 - Workforce
 - New technologies and devices
 - Affordability
 - Health inequalities
 - Public expectations
- Responses to these challenges:
 - Consolidation of services
 - Clustering of services
 - Shifting of services
 - Greater role for primary care
 - IT as an enablers

Practices with Advanced Electronic Health Information Capacity

Percent reporting at least 9 of 14 clinical IT functions*



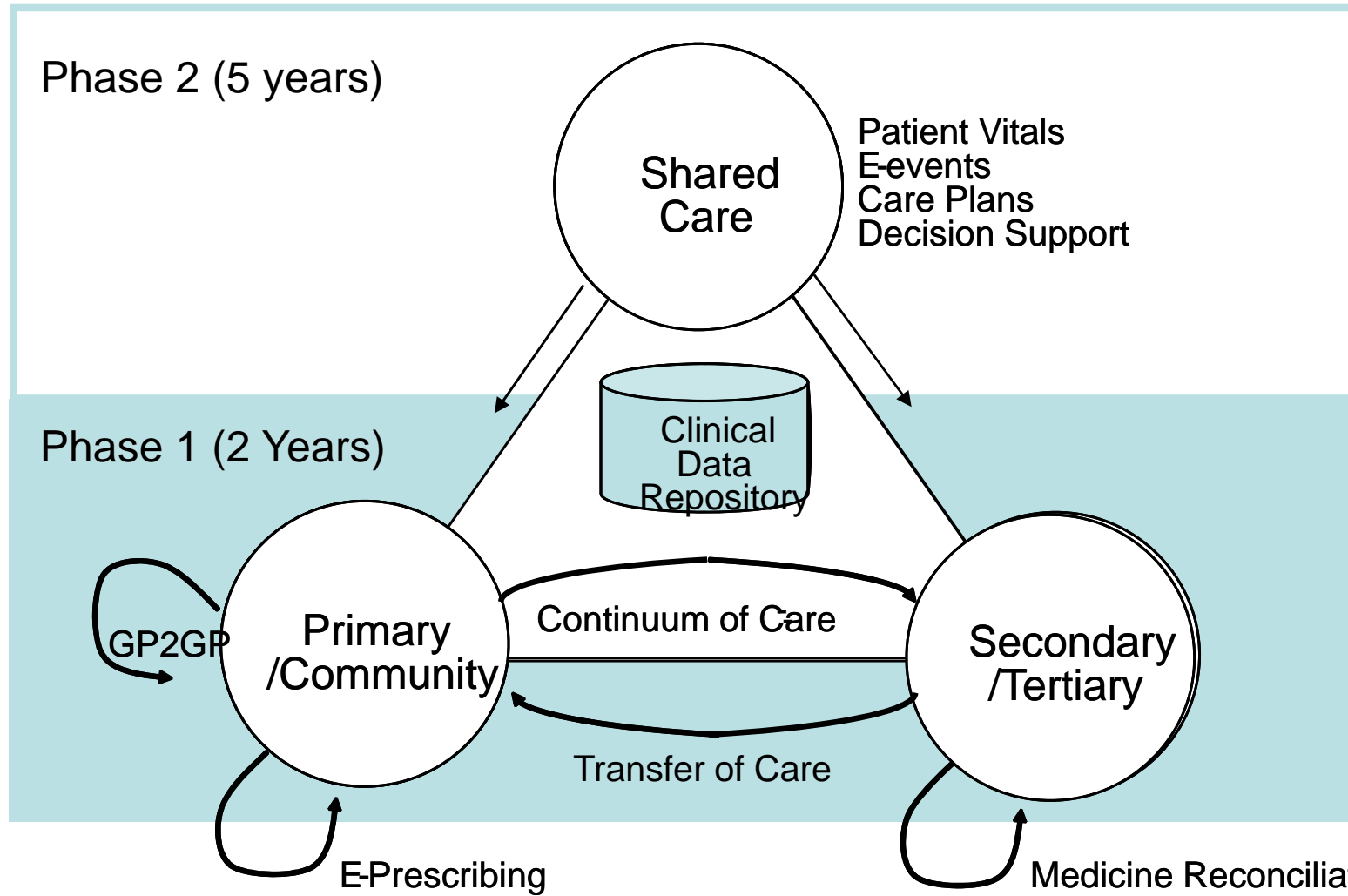
* Count of 14 functions includes: electronic medical record; electronic prescribing and ordering of tests; electronic access test results, Rx alerts, clinical notes; computerized system for tracking lab tests, guidelines, alerts to provide patients with test results, preventive/follow-up care reminders; and computerized list of patients by diagnosis, medications, due for tests or preventive care.

Source: 2009 Commonwealth Fund International Health Policy Survey of Primary Care Physicians.

Health ICT Challenges in New Zealand

- We are widely regarded internationally for the progress we have made in introducing ICT to health in an innovative and agile manner, however:
 - National Health IT Plan 2010: While New Zealand was the envy of the world in adopting IT into the health system, investment in next generation systems has "reached a plateau" and the way forward is unclear.
 - DHB CIO Panel, HINZ 2009: We are falling behind the leaders and are failing our population. Having the NHI and 90% of GPs with computers is not now a compelling story.
 - Victoria University 2010: A foundation of distrust and aggressive contracting from the early 1990s often brought rigidity to relationships ... that still effects constructive interaction and shared learning. This diminishes the capacity to bring collective solutions to difficult issues, and stifles the spread of innovation.

National Health IT Plan



Further information and Contacts

- New Zealand Health IT Cluster - www.healthIT.org.nz
 - d.mckechnie@healthIT.org.nz – Telephone: +64 4 472 4692
- Medical Technology Association of New Zealand – www.mtanz.org.nz
- NZ Bio - www.nzbio.org.nz
- National Health Board - www.nationalhealthboard.govt.nz
 - Ministry of Health - www.moh.govt.nz
 - National Health IT Board - www.ithealthboard.health.nz
 - Health Workforce New Zealand - www.healthworkforce.govt.nz
- Health Benefits Ltd – www.hbl.health.nz

Health System Governance and Leadership

as at September 2010

