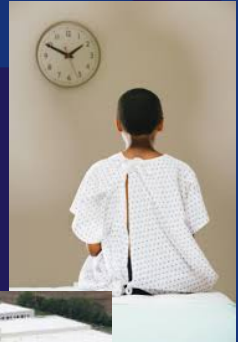




**Christchurch Central**  
Development Unit



# The Health Precinct



**Overview**  
**June 2014**



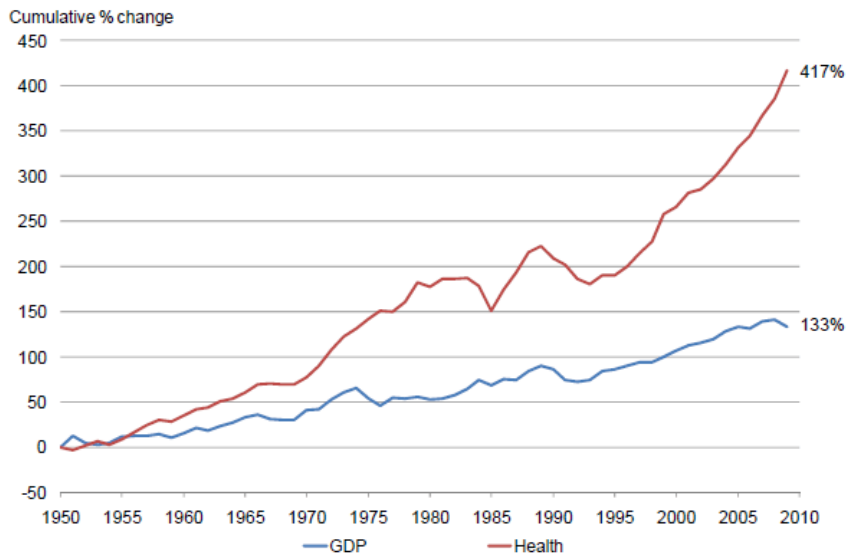
# The Context and Challenges

- **Global challenges** in western health systems reflect mounting demand and costs spiralling out of control
- In **New Zealand** the aging population, aging workforce and disparities in access and outcomes are critical issues
- In **Canterbury** we have an effective and integrated health system that responded well to the many challenges that were triggered by the earthquakes; as well as strong tertiary education providers
- Research and innovation are critical to further improving health outcomes
- The Health Precinct represents a unique opportunity to establish world leading models of care

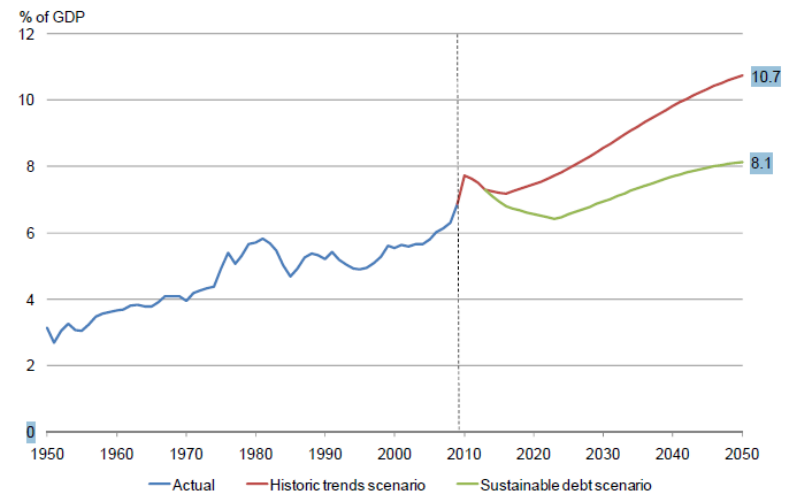


# Balancing Demand and Cost

## Health spending and GDP per person (inflation adjusted)



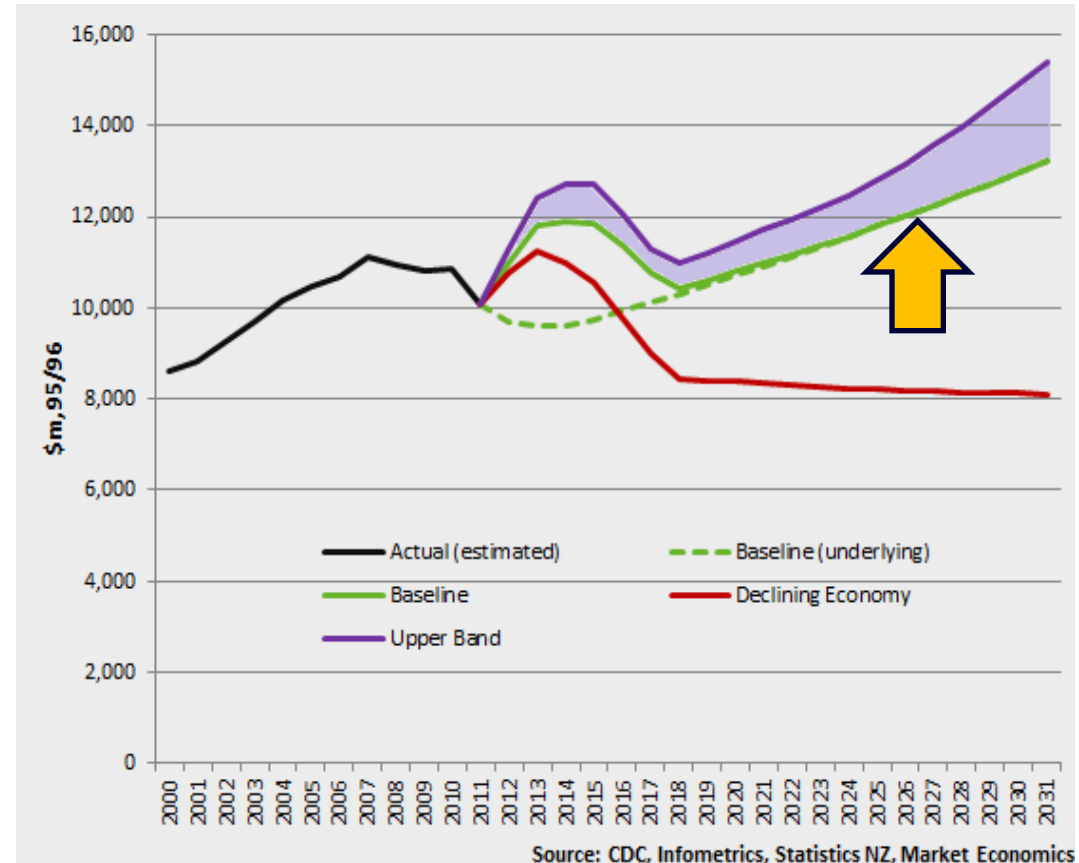
## Health spending demand projection and sustainable debt scenario



# Alternate Scenarios for Canterbury

## The Aim

- Sustainable economic growth
- Low risk of boom and bust
- Developed areas of competitive advantage
- Increased investment
- Increased talent and high value jobs
- Increased innovation and commercialisation
- Need sustainable uplift



Source: CDC, Infometrics, Statistics NZ, Market Economics



# Health Precinct Vision

“The Health Precinct is the hub of a creative and inspiring network that integrates

- world class healthcare,
- research and innovation,
- education and industry
- with a strong emphasis on population health.



It will accelerate economic growth, act as a magnet for talent and promote community well-being”



## Proposed Staging Plan

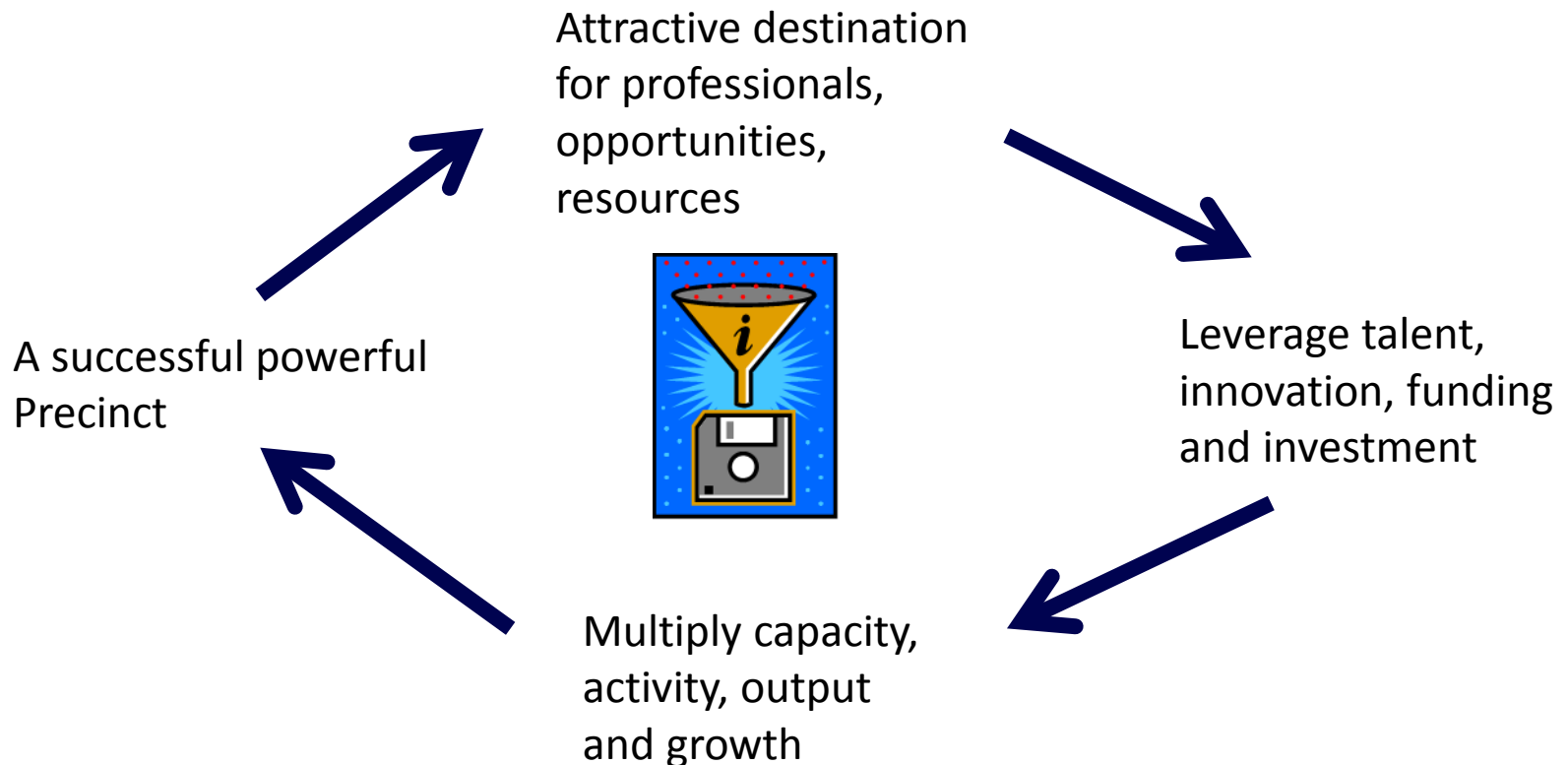


- Stage 1 Development
- Stage 2 Development
- Stage 3 Development



# Activity and Growth Multiplier

Potential to become a compelling destination that will funnel further talent and resources and multiply capacity, output, support and funding



# Leadership and Integration Outcome Statements (from Recovery Strategy)



A legacy of enduring collaborative leadership. Developing and delivering cutting edge health, research and education outcomes



Strong partnerships between public and private sectors. Robust mechanisms that support these over the long term



Whole of government policy and funding mechanisms underpin the Health Precinct aspirations.



# Economic Outcomes from the Health Precinct



Increased effectiveness of public investment in health and education infrastructure



Increased GDP contribution from Christchurch



Increase in quantity and speed of translational research



Aggregation and spill-over benefits



Increased research and development in private health firms



# Economic Outcomes continued...



Cost escalation containment and better targeting of health spend



Increased numbers of high valued skilled positions



Attraction of businesses of global significance



Increased foreign direct investment, commercialisation and exports for New Zealand



Innovations of global significance



# Social Recovery Outcomes



Health benefits to the community from research and service innovations



Health education is world class for students and for ongoing professional development



Creation of high value jobs



# Built Environment Outcomes



Delivery of coordinated infrastructure investment that supports the economy and community.  
Public realm that welcomes people and supports investment



Supporting innovative design to redefine and future proof Christchurch. Design that supports new ways of working and interacting



Effective, efficient builds that support increased productivity. Commercially sustainable cost structures



# Academic Health Science System

## **Vision:**

- Enduring partnerships between tertiary providers and healthcare delivery
- A hub that supports excellence

## **Outcomes:**

- Better co-ordination and visionary leadership
- Partnerships with private sector
- Delivering collaborative health and education services
- Partnerships with Te Rūnanga o Ngāi Tahu

## **Enablers:**

- Collaboration Agreement – signed 21/05/2014
- Advisory Council – established 25/07/2014
- Co-investors in projects
- Asset owners, developers

## **Uplift:**

- Research Institute
- Partnerships with private sector

## **Co-ordination:**

- Chair and Executive Officer of Advisory Council with links to partners



# Tertiary Teaching Hospital

## **Vision:**

- A leading tertiary hospital that champions excellence in clinical care, teaching and research

## **Outcomes:**

- Enduring partnerships delivering better, sooner, more convenient healthcare
- Translational research is widespread
- Patient centric planning and funding
- Fostering and delivering innovation in the healthcare system
- Successful implementation of Whānau Ora partnerships

## **Enablers:**

- Committed CDHB Board and management
- Policies and procedures that foster and reward innovation and research leadership
- Hospital redevelopment programme

## **Uplift:**

- Successful links with the new outpatients facility
- Range of commercial services
- New clinical spaces
- Uptake of new technologies

## **Co-ordination:**

- CDHB Chief Executive and Board linking with the tertiary institutions



# Research Excellence

## **Vision:**

- Research excellence creates a virtuous cycle in the Canterbury health ecosystem

## **Outcomes:**

- Research themes are expressed through partnerships
- Aggregation of effort achieves better value and funding success

## **Enablers:**

- Strategic alliances between institutions
- Recognition of the power of nursing and allied health research
- Success in Government funding rounds

## **Uplift:**

- Crown investment in capital infrastructure
- Research Institute attracts national partners especially from Auckland
- Leverage of NZ investment with international public and private partners

## **Co-ordination:**

- All institutions



# Clinical Trials Centre

## **Vision:**

- A leading centre for clinical trials linked with Auckland based services to create a NZ wide proposition

## **Outcomes:**

- Strong partnership between universities and District Health Boards to create a single point of contact
- Creation of new specialist jobs and career pathways

## **Enablers:**

- Trusted partnership with Auckland colleagues
- Investment in physical facilities
- Effectiveness and efficiency gains from shared resources

## **Uplift:**

- Reference site status from leading clinical trial organisations
- Sharing client and customer interface
- Brand NZ
- Inclusion of nursing as critical element in ecosystem
- Collaboration between public and private providers

## **Co-ordination:**

- Chair, Advisory Council working with existing providers – will need specific project resource to succeed





# Innovation Centre

## **Vision:**

- Canterbury secures a reputation as the most innovative and commercially successful health system

## **Outcomes:**

- Strong partnership between CDHB and local tertiary institutions in research and development
- Canterbury Innovation System and business friendly environment
- Economic returns from new devices and technologies

## **Enablers:**

- Long term support for the CDHB design lab
- The Health Innovation Hub and Callaghan Innovation
- CDHB leadership fosters and rewards innovation activity including awards, prizes and celebrations

## **Uplift:**

- Partnership with Australian/UK/US Universities

## **Co-ordination:**

- CDHB in partnership with tertiary institutions and Canterbury Development Corporate



# Centre of Excellence for Workforce Development

## **Vision:**

- Canterbury is known as the place to train with outstanding career opportunities

## **Outcomes:**

- New MBA focussing on health management and leadership
- Training and workforce capacity initiatives with Te Rūnanga o Ngāi Tahu
- An education centre and mini-conference centre that serves the whole community
- Leading edge simulation based teaching facilities
- Attraction of leading academics and educators

## **Enablers**

- Presence and collaboration between CPIT, University of Otago Christchurch, University of Canterbury, CDHB
- Partnership with Health Workforce New Zealand
- Partnership with key Australian providers and Australasian Professional Colleges
- Partnerships with Te Rūnanga o Ngāi Tahu

## **Uplift:**

- Partnerships with industry and other tertiary institutions to deliver training in Canterbury

## **Co-ordination :**

- CDHB and tertiary institutions



# Business Attraction

## **Vision:**

- Canterbury is seen as the place to be for businesses involved with research and development, working collaboratively with public sector
- The quality, quantity and speed of research and commercialisation increases and drives economic growth

## **Outcomes:**

- Businesses that align with the Health Precinct themes and objectives locate in the Precinct and nearby
- These businesses act as a catalyst for future development and economic uplift

## **Uplift:**

- Strong partnerships between business and public sector entities to provide commercial uplift, expertise, equipment and facilities
- Collaboration leading to research, teaching, and patient care outcomes beyond the sum of the individual contributions

## **Co-ordination:**

- Christchurch Central Development Unit (CCDU) – Development of a shared investment plan and land acquisition & divestment plan



# Investment and Developer Attraction

## **Vision:**

- Investors, financiers and developers who understand the vision and can deliver the secure capital and leading facilities
- Investors/financiers funding the buildings and facilities directly or through partnerships

## **Enablers:**

- Define the Precinct and specific development/investment requirements/opportunities
- Identify compatible investors/developers
- Secure investment on a basis that supports the vision and ongoing viability of the Precinct in collaboration with the stakeholders

## **Uplift:**

- The formation of world leading facilities producing:
  - On-going collaboration and added credibility in attracting investment and funding
  - Talented researchers, teachers and students
- The quality of the investment and facilities attracts business globally

## **Co-ordination :**

- CCDU with partners



# Support Business Attraction

## **Vision:**

- Business commitment that makes a general contribution to economic activity and uplift (e.g. businesses that align and collaborate with essential cornerstone participants)

## **Outcome:**

- The identification, triaging and engagement of non-essential businesses to participate and provide uplift
- Developments and tenancy agreements to enable financially viable proposals and maximise the number of health related businesses which contribute to the Health Precinct vision
- Business/investment are attracted that support talent attraction and retention (e.g. accommodation, child care)

## **Uplift:**

- Tenancy in the Precinct which helps drive the success of the Precinct
- Businesses provide high value jobs
- Collaborations with Innovation Precinct tenants
- Demand for high skilled labour supports tertiary education providers

## **Co-ordination:**

- CCDU in collaboration with partners



# Co-ordinated Infrastructure Development

## **Vision:**

- Creating a precinct infrastructure environment that is attractive, enabling and supportive of development aligned with the Health Precinct vision and objectives

## **Outcome:**

- Land acquisition and divestment to enable developments aligned with the Christchurch Central Recovery Plan
- Delivery of public realm to improve connectivity, accessibility, development block proportions and promote a green and vibrant central city generally
- Co-ordination with An Accessible City , providing improving transport connections (all modes), accessibility and safety
- Integration with and leveraging off adjacent precinct developments – Metro Sports Facility, Te Papa Otākaro/Avon River Precinct, South Frame
- Planning framework changes promoting changes to existing use

## **Uplift:**

- Availability of attractive development blocks
- Environment supportive and incentivised for development aligned with precinct objectives
- Connections/network improved providing an attractive precinct for business and people

## **Co-ordination:**

- CCDU in collaboration with key partners



### Proposed Staging Plan



- Stage 1 Development
- Stage 2 Development
- Stage 3 Development



# Example of Government Commitment

