



Health Professional Training: The Big Picture

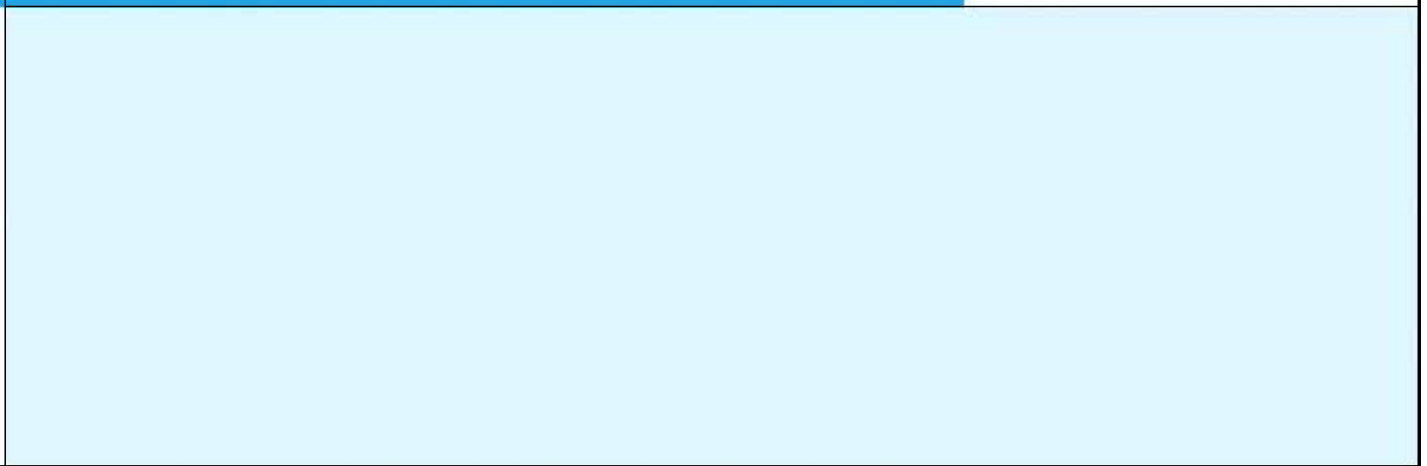


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Te Whare Wānanga o Tāmaki Makaurau

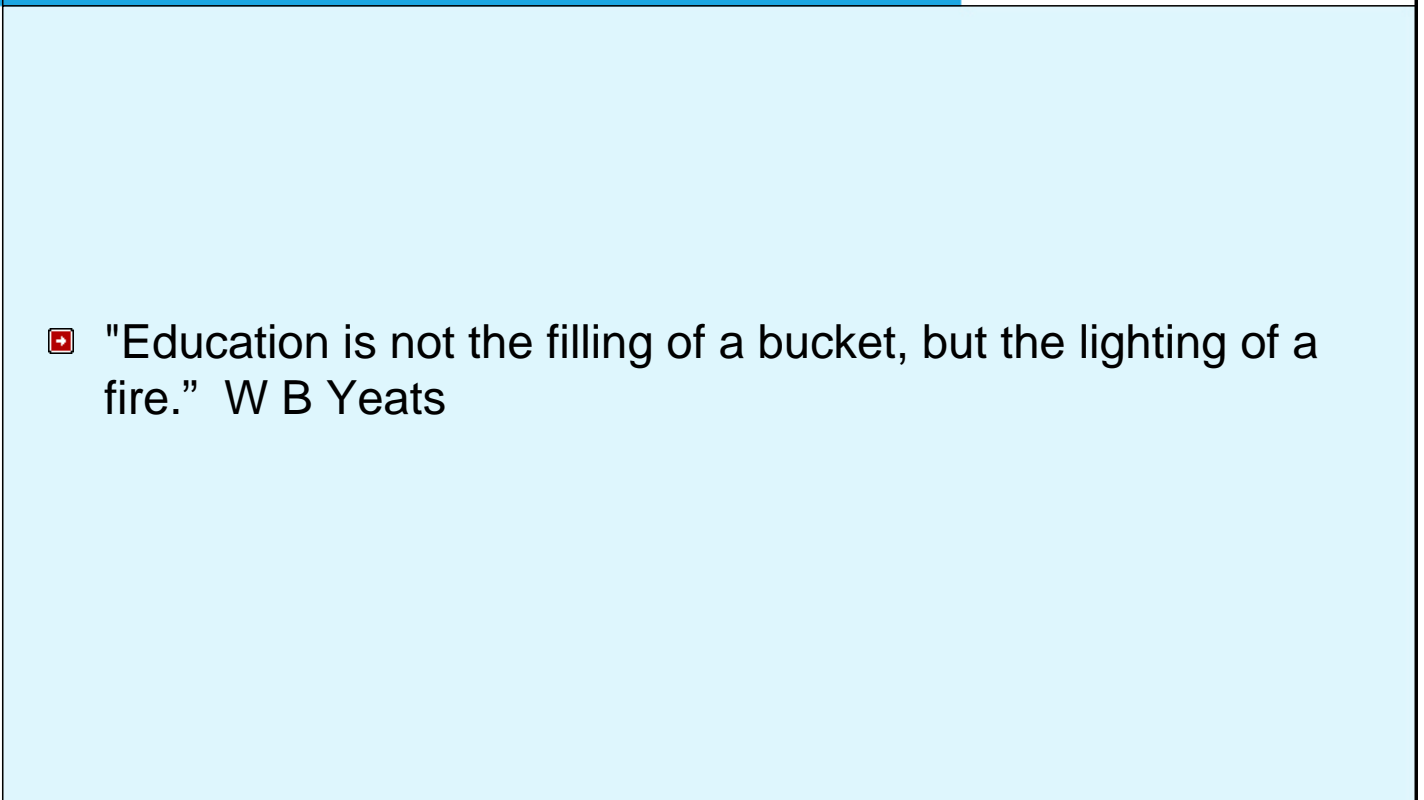
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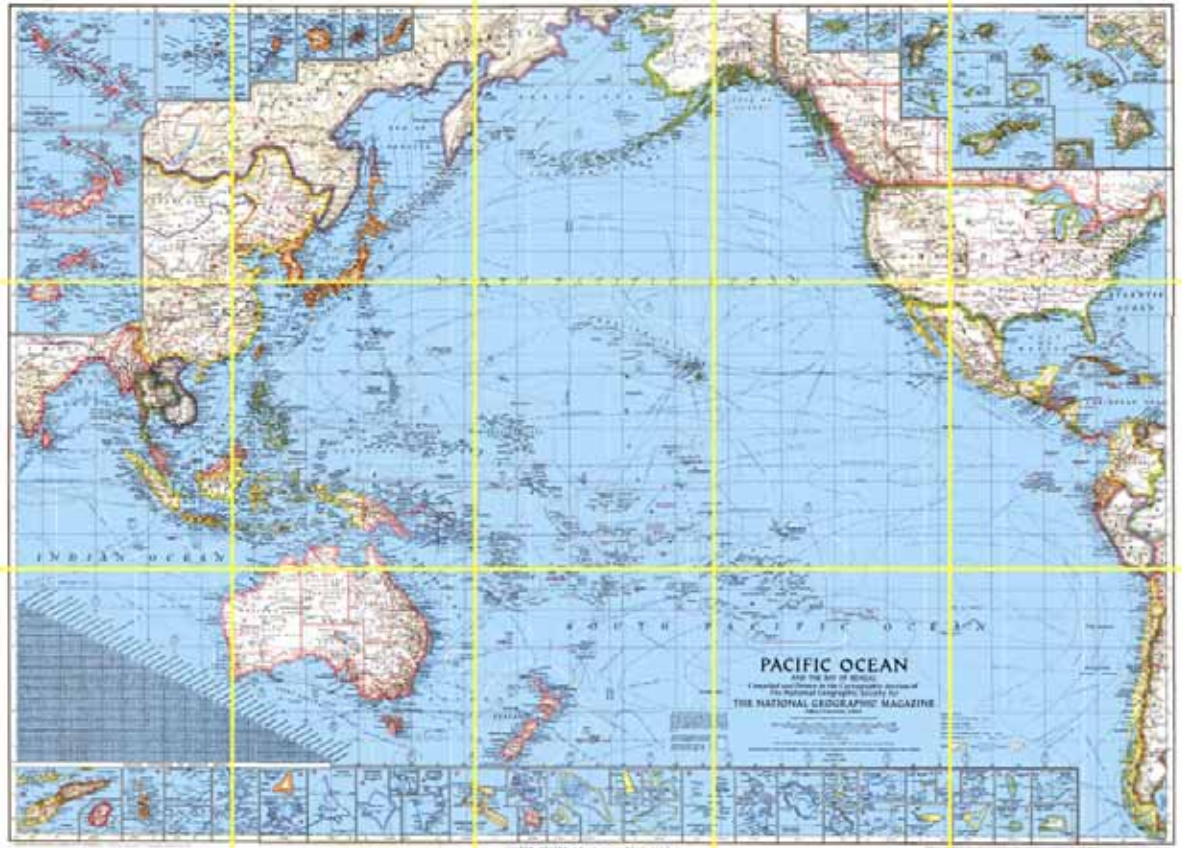


"Education is not the filling of a bucket, but the lighting of a fire." W B Yeats

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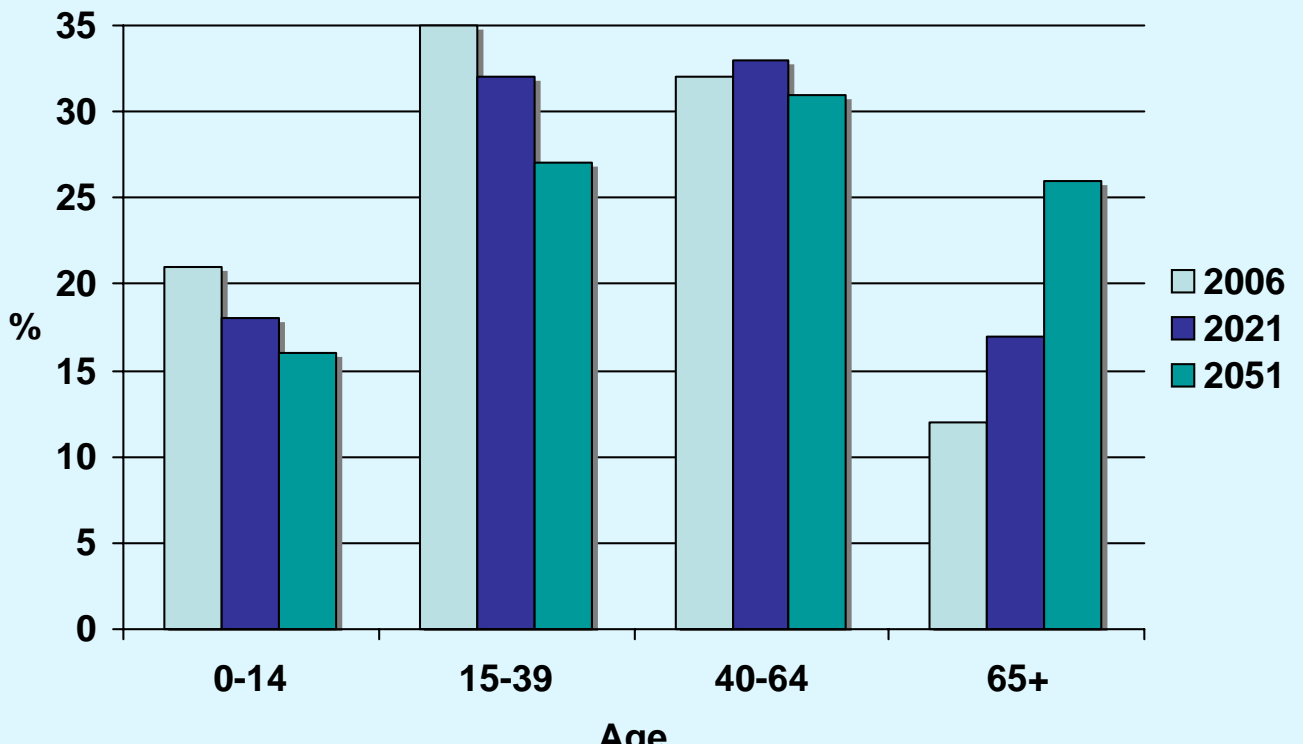


Age Structure of New Zealand

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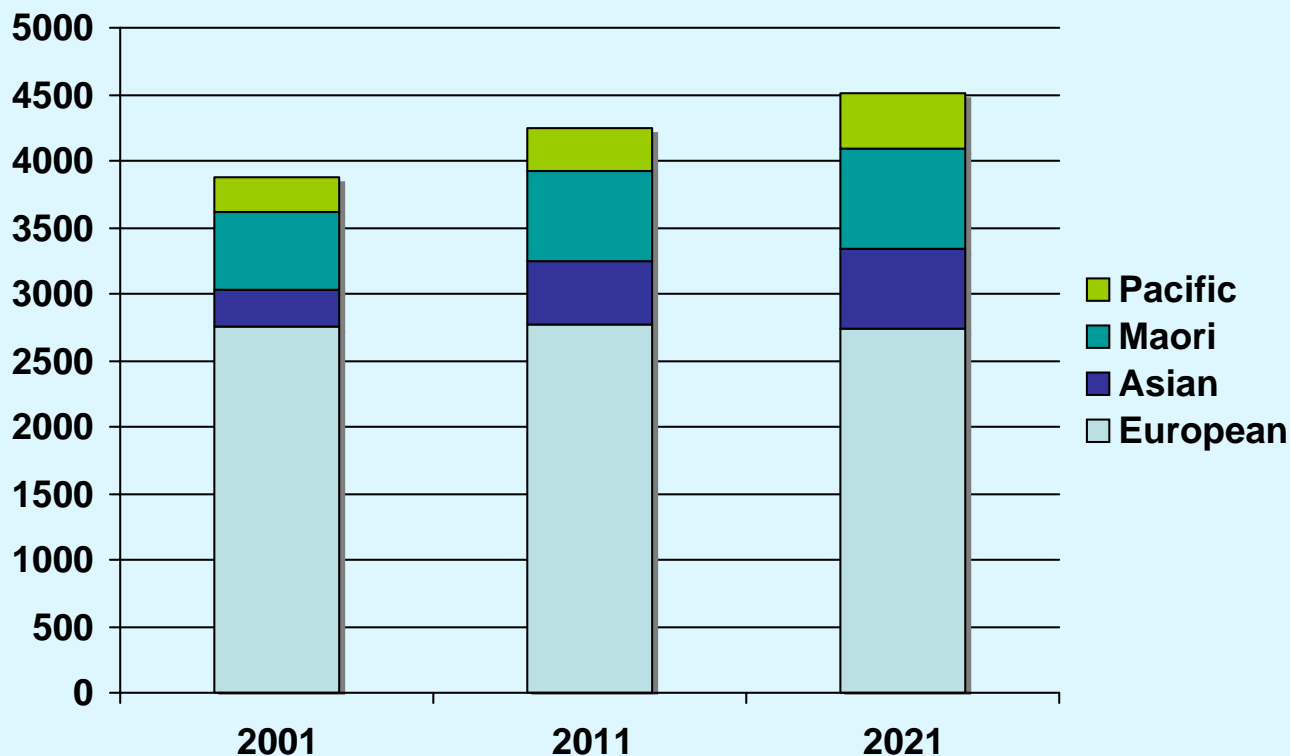
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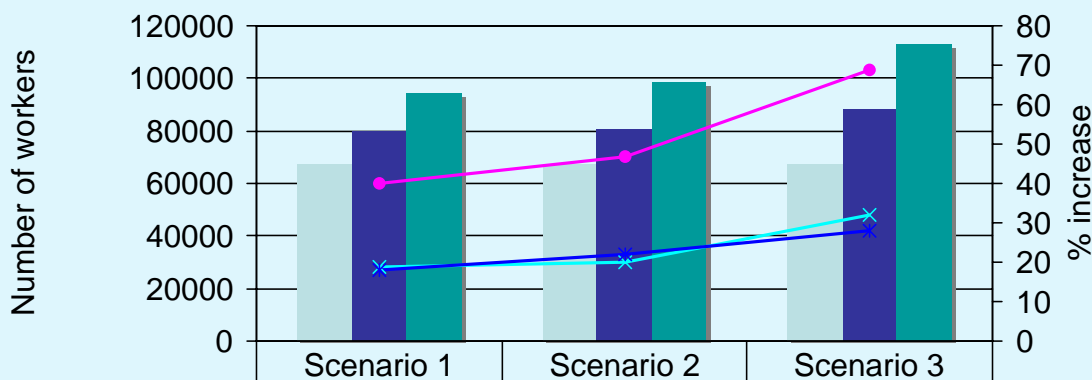
NZIER: Ageing New Zealand and Health and Disability Services Demand Projections and Workforce Implications, 2001–2021

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Demand for health care workers



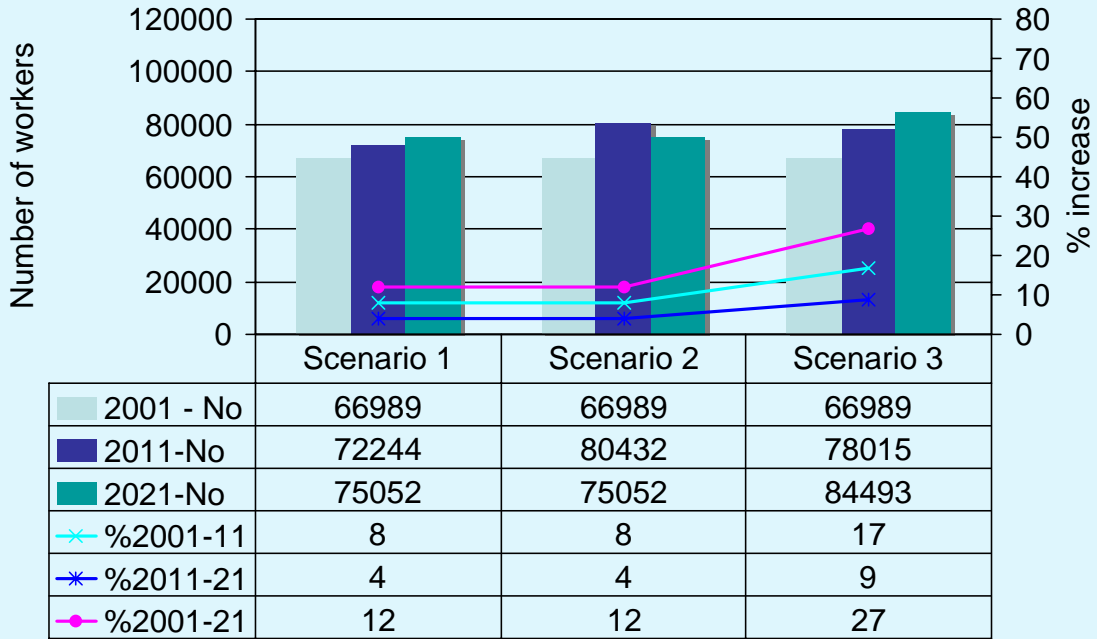
	Scenario 1	Scenario 2	Scenario 3
2001 - No	66989	66989	66989
2011 - No	79528	80432	88256
2021 - No	94009	98519	113060
%2001-11	19	20	32
%2011-21	18	22	28
%2001-21	40	47	69

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Supply of health care workers

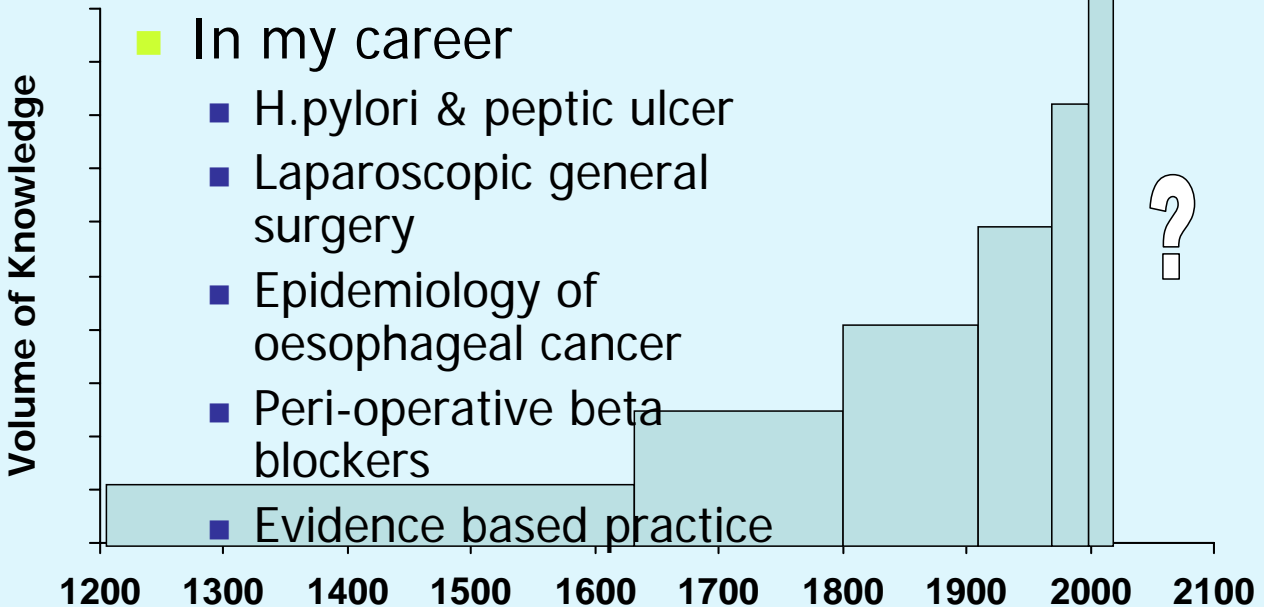


Useful life of professional knowledge

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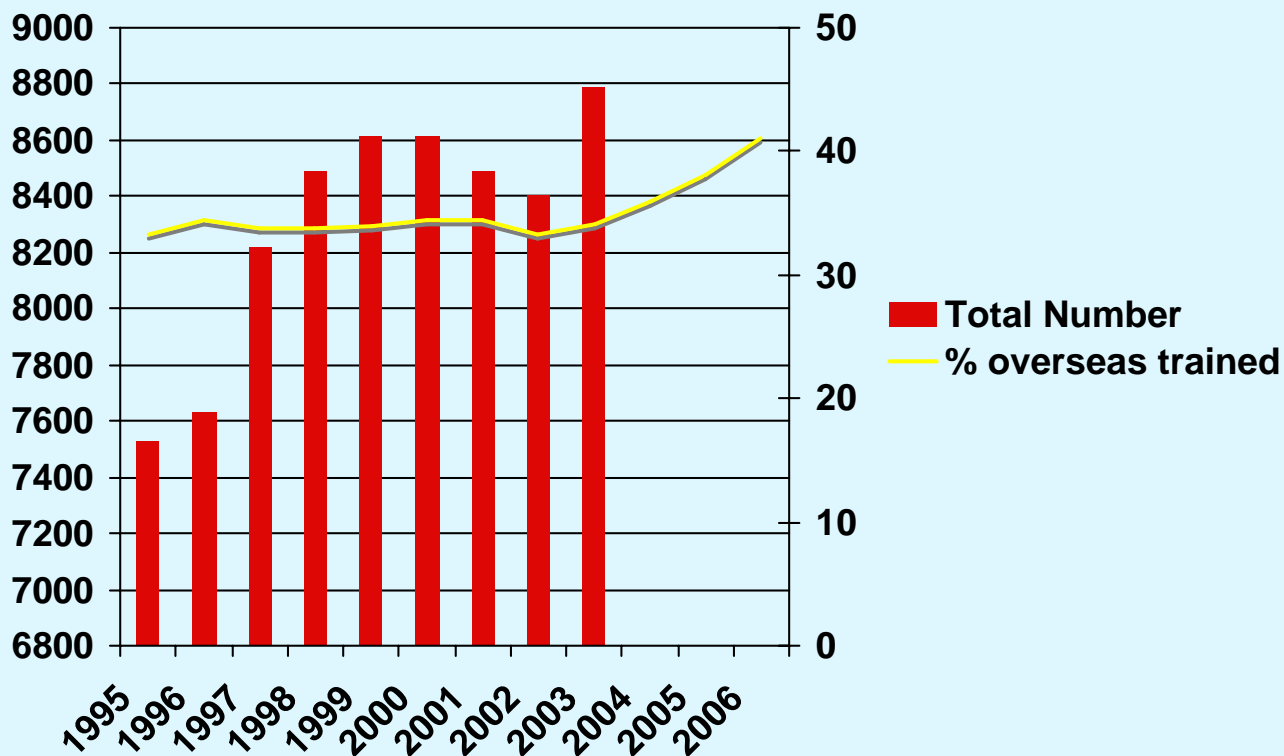
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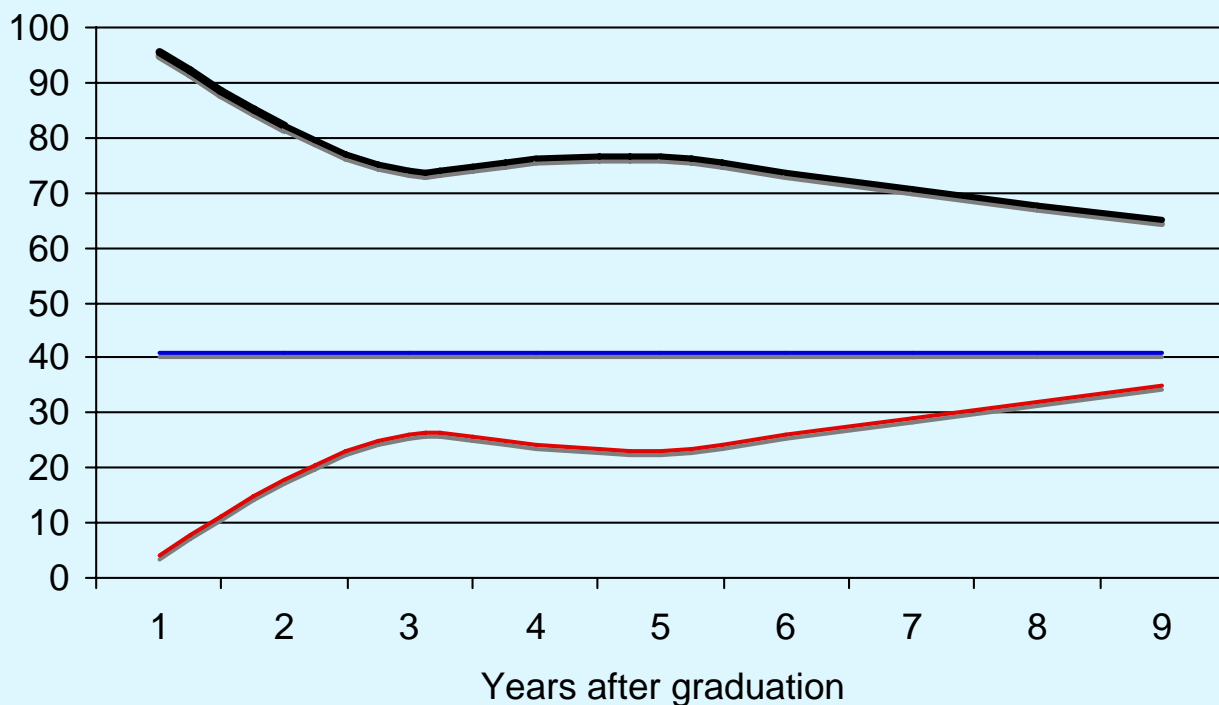


Medical staff retention in NZ

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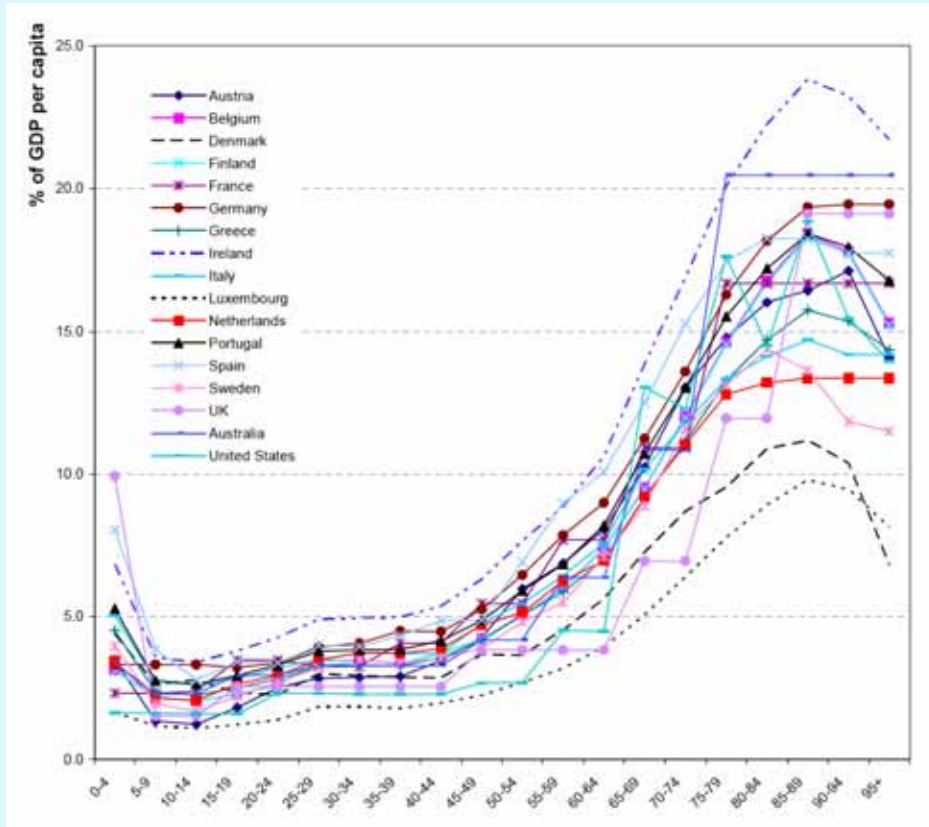
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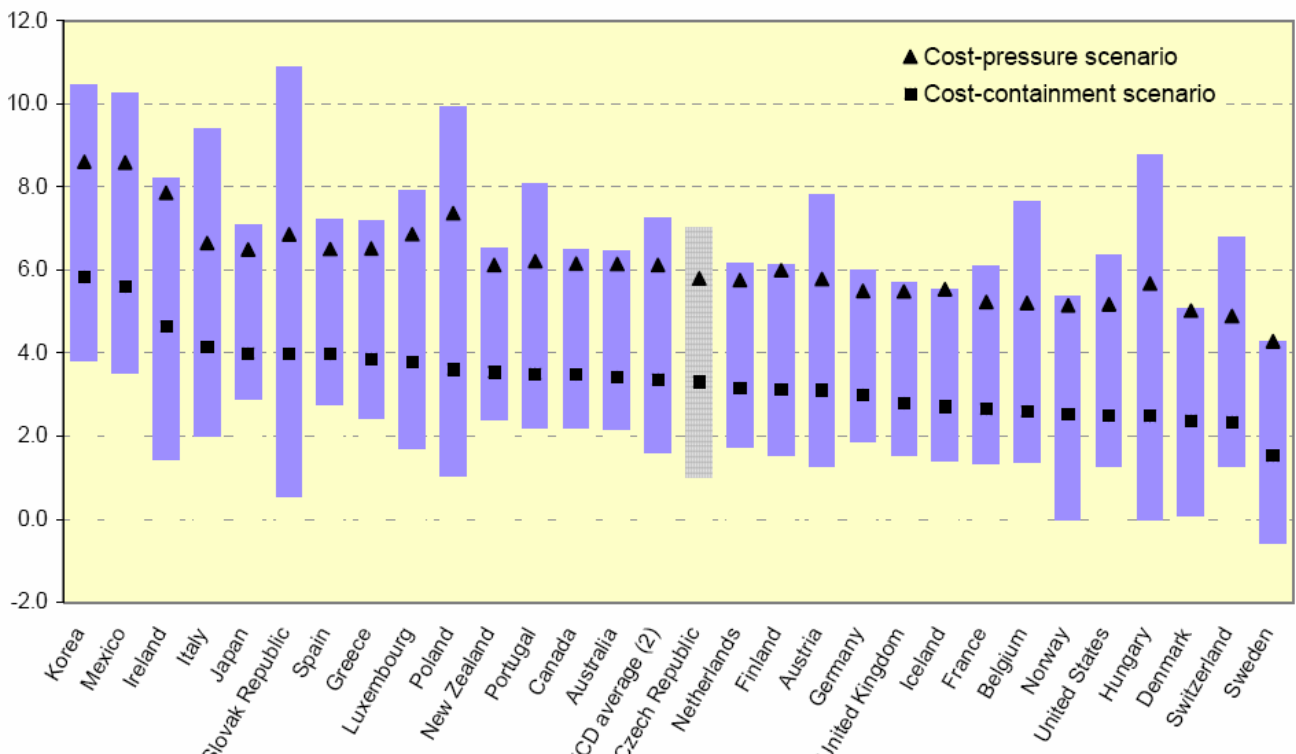


Total Increase in Health & Long Term Care Spending 2005-2050 (% of GDP)

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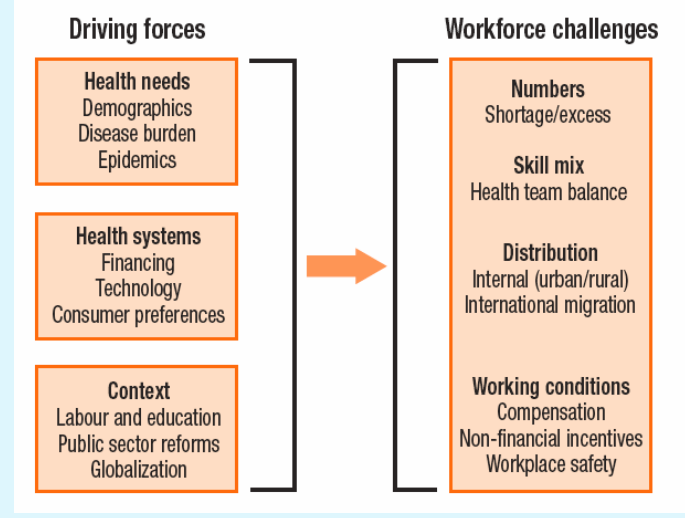
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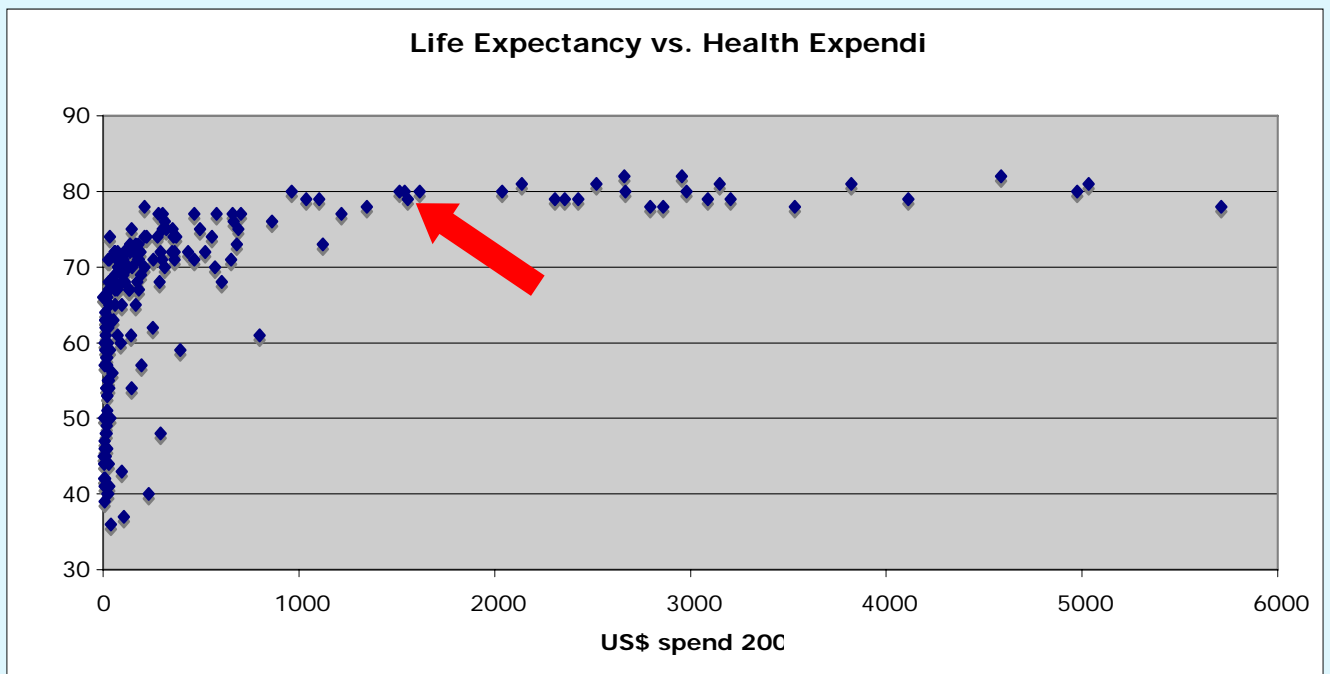


Working together for health

The World Health Report 2006 



Health Expenditure vs. Life Expectancy (WHO 200 nations)

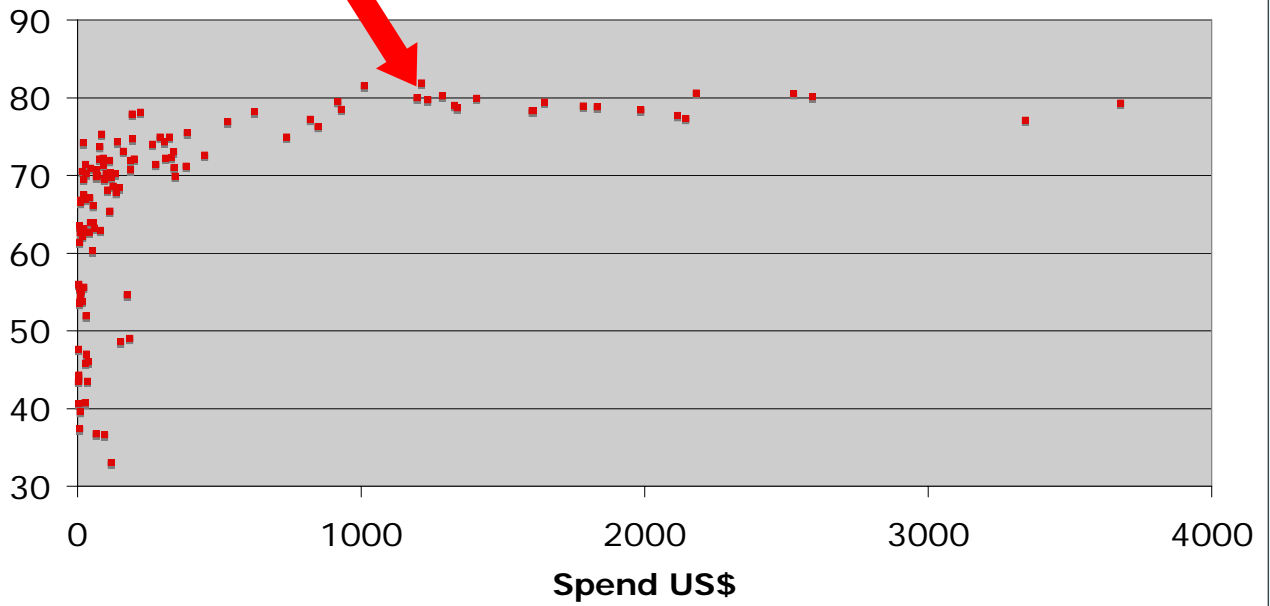


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Education spend US \$ vs. life expectancy at birth



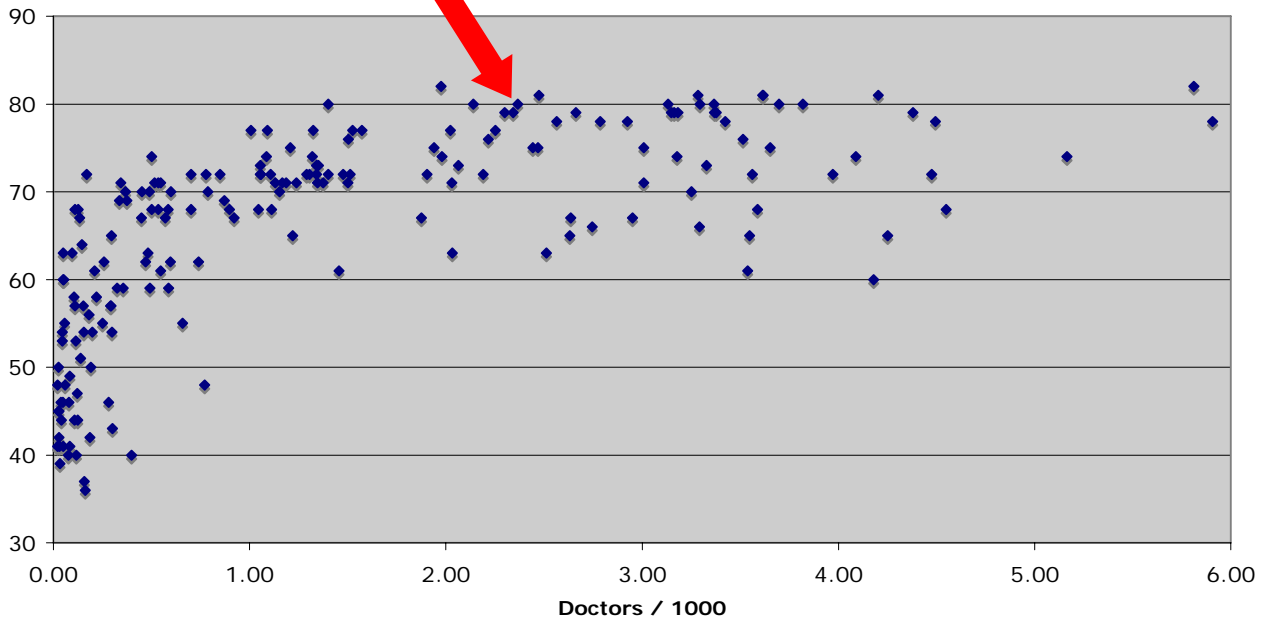
Physician numbers and life expectancy WHO 200 nations

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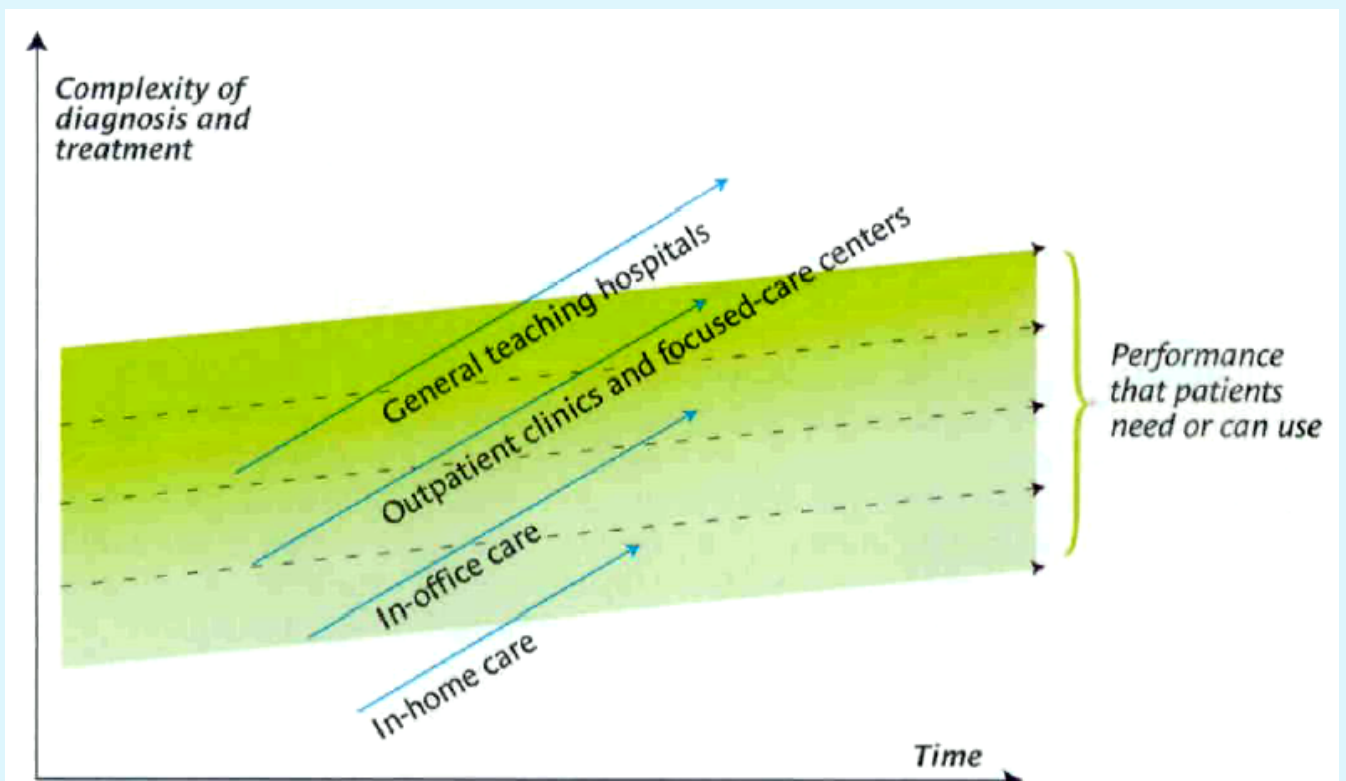
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Physician numbers and life expectancy



- ❑ Status Quo not an option
- ❑ Simply more of the same is not an option
- ❑ Plan - yes
- ❑ Assume we will get it right - no
 - ❑ Adaptive
 - ❑ Flexible
 - ❑ Responsive
 - ❑ Innovative

Disruptive innovation in health care



- ❑ First Degree
 - Optional Vocational Streaming later in the programme
- ❑ Early Postgraduate
 - Common core modules required by many vocational strands
- ❑ Later Postgraduate
 - Primary vocational choice
 - Secondary vocational choice
- ❑ Progression determined through competence rather than time served

A range of health care professionals

- ❑ Workforce pressures will dictate new solutions
- ❑ Care delivered by the most appropriate worker
- ❑ Traditional roles
 - Nurse
 - Doctor
 - Physician
 - Midwife
- ❑ New roles
 - Community based health care workers
 - Physicians assistants
 - Other possibilities

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- ❑ Symptomatic patient consults internet and attends GP with a likely diagnosis
- ❑ GP orders test - carried out by non medically qualified health professional
- ❑ Diagnosis confirmed - patient booked into care center for treatment
 - ❑ Standard or non standard pathway
- ❑ Initial assessment by physicians assistant or nurse specialist
- ❑ Operation performed by specialist with non medically qualified assistant
- ❑ Post operative care only involves doctor if deviates from standard pathway
- ❑ Discharged to care of GP
- ❑ Only has outpatient clinic appointment if problem arises

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- ❑ Education is what survives when what has been learned has been forgotten -- B. F. Skinner
- ❑ The educational system must allow each and every individual to reach their full potential