AUSTRALIA’S HEALTH 2010

CHRONIC DISEASE

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Australian Government Department of Health and Ageing
CANBERRA – 23 June 2010
AUSTRALIA’S RANKING AMONG OECD COUNTRIES 1987-2006

Source: AIHW Australia’s Health 2010
All Cancer- Mortality/Incidence ratios for selected countries - 2008

Source: IARC 2010.
Changes in Deaths Rates in Females Using Joinpoint Analysis
BREAST CANCER MORTALITY

The graph illustrates the rate of death from breast cancer (per 100,000 women) over the years from 1975 to 2000, with different lines representing various screening and adjuvant therapy strategies.

- **No screening or adjuvant therapy**
- **Screening only**
- **Adjuvant therapy only**
- **Screening and adjuvant therapy**

The graph shows a decreasing trend in the rate of death from breast cancer, with the lowest rates observed in the group that received both screening and adjuvant therapy.
TRENDS IN LEADING CAUSES OF DISEASE BURDEN 2003-2023

DALYs per 1,000 population

Year

2003 2008 2013 2018 2023

Diabetes
Anxiety and depression
Coronary heart disease
Stroke
Dementia

Source: AIHW Australia’s Health 2010
THE KEYS TO PREVENTION

Source: Table 4.1 AIHW Australia’s Health 2008
AUSTRALIA’S RANKING AMONG OECD COUNTRIES 1987-2006

**Risk and protection**

- Tobacco smoking: 30.6 → 16.6
- Alcohol consumption: 25.6 → 10.8
- Obesity: 197.3 ← 169.9
- Fruit & vegetable consumption: 5.9 → 6.4
- Low birthweight babies: 80.7 → 94.0
- Measles vaccination: 71.0 → 95.0

**Self-rated health**

- Good or better: 79.2 → 84.9

**Morbidity**

- DMFT: 23.0 → 7.0
- Incidence of AIDS: 1.0 ← 1.7
- Road traffic accident injuries: 2210 ← 1826
- Prevalence of treated ESKD: 31.4 → 79.8

**Value in 1987**

**Value in 2006**

*Source: AIHW Australia’s Health 2010*
DAILY SMOKERS - 1985 to 2007
Population Aged 14 yrs & Over

Per cent

Year

Source: AIHW Australia’s Health 2010
## SMOKING IN AUSTRALIA

### National Drug Strategy Household Survey 2007

<table>
<thead>
<tr>
<th>SMOKING STATUS</th>
<th>NSW</th>
<th>VIC</th>
<th>QLD</th>
<th>WA</th>
<th>SA</th>
<th>TAS</th>
<th>ACT</th>
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<tr>
<td>Daily</td>
<td>16.4</td>
<td>16.5</td>
<td>17.2</td>
<td>14.8</td>
<td>16.5</td>
<td>22.7</td>
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<td>1.5</td>
<td>1.4</td>
<td>1.2</td>
<td>1.5</td>
<td>0.6</td>
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<td>Less than Weekly</td>
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<td>1.7</td>
<td>1.3</td>
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<td>Ex-smoker</td>
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<td>49.8</td>
<td>55.4</td>
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</table>
AUSTRALIA’S INITIATIVES IN TOBACCO CONTROL

- Advertising Bans
- Under the counter at retail sites
- Banning smoking in restaurants, pubs and cars
- Anti-tobacco campaigns
- Increase in tobacco excise
- Plain packaging
Children aged 2-16 years
Overweight or obese - 2007

Per cent

Age group (years)

Source: AIHW Australia’s Health 2010
PROPORTION OF ADULTS WITH HIGH BLOOD PRESSURE
1980 to 1999-2000

Source: AIHW Australia’s Health 2010
ADULTS WITH HIGH BLOOD CHOLESTEROL, 1980 to 1999-2000

Per cent

Year

Source: AIHW Australia’s Health 2010
PREVALENCE OF TREATED END STAGE KIDNEY DISEASE 2000-2007

Number per 100,000 population

Year

Source: AIHW Australia’s Health 2010
CHRONIC PULMONARY DISEASE
MORTALITY 1980 to 2007

Deaths per 100,000 population

Year


Males
Females
Persons

Source: AIHW Australia’s Health 2010
AUSTRALIAN GOVERNMENT’S INITIATIVES IN CHRONIC DISEASE

- Preventative Health Agency
- Australian health Survey
- Tobacco Control initiatives
- Cancer funding $2 billion 09/10
AUSTRALIAN HEALTH SURVEY

- Four components run by ABS 2011-13
  - Health Survey
  - ATSI Health Survey
  - Nutrition and Physical Activity Survey
  - Health measurement Survey

- Around 50,000 participants

- De-identified data available as summary statistics, tables
AUSTRALIAN GOVERNMENT’S INITIATIVES IN CANCER CONTROL

- Integrated Cancer Centre ($526m) – Camperdown and Parkville
- Regional Cancer Centres ($560m) – 20 sites announced
- Digitalization of breast screening services
- Access to new anti-cancer drugs ($613m)
- Strengthening Cancer Australia and NBOCC Programs
CONCLUSIONS

- Chronic diseases represent the major disease burden in Australia
- The determinants of disease show some successes and challenges for optimal chronic disease control
- Recent initiatives and the programs of Health Reform provide new opportunities to redouble our efforts in this area