

International Group for Indigenous **Health Measurement**

2006 MEETING

28–30 NOVEMBER • RYDGES CAPITAL HILL, CANBERRA

HOSTED BY

Australian Institute of Health and Welfare

SPONSORED BY

**Office for Aboriginal and Torres Strait Islander Health,
Australian Government Department of Health and Ageing**

Australian Institute of Health and Welfare

The International Group for Indigenous Health Measurement 2006 meeting provides an opportunity to develop an international network on Indigenous health measurement that enables meaningful comparisons, exchange, mutual learning, and collaborative projects that inform national policy-making oriented to health gain.

Speakers will include:

Hon. Tony Abbott MP

MINISTER FOR HEALTH AND AGEING

Penny Allbon

DIRECTOR, AUSTRALIAN INSTITUTE OF HEALTH AND WELFARE

Dennis Trewin

THE AUSTRALIAN STATISTICIAN

Henry Councillor

CHAIR, NATIONAL ABORIGINAL COMMUNITY CONTROLLED HEALTH ORGANISATION

Chief Tom Bressette

CHAIRMAN, FIRST NATIONS STATISTICS ADVISORY PANEL, CANADA

Donna Cormack

ERU PŌMARE MĀORI HEALTH RESEARCH CENTRE, NEW ZEALAND

Leo Nolan

INDIAN HEALTH SERVICE, USA

Sam Notzon

CONVENER, NATIONAL CENTER FOR HEALTH STATISTICS, CDC, USA

Topics will include:

Linking Indigenous groups, national statistical agencies and health ministries

Stocktake of Indigenous health information

Counting the Indigenous population

Plans for 2007 work program and meeting



Australian Government

**Australian Institute of
Health and Welfare**

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WWW.AIHW.GOV.AU

Day 1— 28 November 2006



9:00 – 10:20 am	<p>Welcome</p> <ul style="list-style-type: none"> ▶ Welcome to Country — Matilda House ▶ Welcome — Penny Allbon, Director, AIHW ▶ Welcome — Country representatives: <ul style="list-style-type: none"> ▶ New Zealand: Associate Minister of Health, Hon Mita Rininui ▶ Dea Delaney Thiele, CEO, NACCHO, AU ▶ Chief Tom Bressette, Chairman, First Nations Statistics Advisory Panel, Canada ▶ Leo Nolan, Senior Policy Analyst, Indian Health Service, USA
10:20 – 10:40 am	<i>Morning Tea</i>
10:40 am – 12:30 pm	<p>Keynote address: NACCHO's experiences and challenges—an overview Dea Delaney-Thiele</p> <p>Setting the scene: Demand for data to support policy relevant analyses and research— Comments by data users</p> <p>Moderator: Brendan Stevenson, Research Centre for Maori Health and Development, NZ</p> <ul style="list-style-type: none"> ▶ Jeff Reading, University of Victoria & Scientific Director of the Canadian Institutes of Health Research—Institute of Aboriginal Peoples' Health, Canada ▶ Michelle Chino, University of Nevada Las Vegas, USA ▶ Aroha Haggie, Health and Research Council, New Zealand ▶ Ian Anderson, University of Melbourne, AU
12:30 – 1:00 pm	Welcome — Hon. Tony Abbott, MP, Minister of Health, Australia
1:00 – 2:00 pm	<i>Lunch</i>
2:00 – 3:15 pm	<p>Setting the scene: Supply of data— Stocktake presentations</p> <p>Moderator: Sandra Eades (Sax Institute) and Richard Madden (National Centre for Health Classification), AU</p> <ul style="list-style-type: none"> ▶ Ian Anderson, University of Melbourne ▶ Fadwa Al-Yaman, AIHW, AU ▶ Janet Smylie, University of Saskatchewan, CA
3.15 – 3.45pm	<i>Afternoon tea</i>
3.45 – 5.00pm	<ul style="list-style-type: none"> ▶ Howard Goldberg, NCCDPHP/CDC, USA ▶ Paula Searle and Natalie Pakipaki, Ministry of Health, NZ
7:00 pm	<p><i>Dinner</i></p> <p>Introduction of dinner speakers: Ken Tallis, Deputy Director, AIHW, AU</p> <p>Dinner speakers:</p> <ul style="list-style-type: none"> ▶ Dennis Trewin, The Australian Statistician, ABS ▶ Ted Wilkes, Professorial Fellow in Aboriginal Health, Curtin University of Technology, AU



<p>9:00 – 10:30 am</p>	<p>Innovations/recent developments Moderator: Michelle Chino (University of Nevada Las Vegas) and Sam Notzon (NCHS/CDC), USA</p> <ul style="list-style-type: none"> ▶ USA: IHS 3 initiatives and relation to information collection and electronic patient record; integration with service policy <ul style="list-style-type: none"> ▶ Leo Nolan, Indian Health Service ▶ New Zealand: <ul style="list-style-type: none"> ▶ Donna Cormack, Wellington School of Medicine ▶ Australia: Framework document: <ul style="list-style-type: none"> ▶ Lesley Podesta and Debra Reid, Department of Health and Ageing, AU ▶ Canada: First Nations Health Survey <ul style="list-style-type: none"> ▶ Jane Gray, Assembly of First Nations
<p>10:30 – 11:00 am</p>	<p><i>Morning tea</i></p>
<p>11:00 – 12:30 pm</p>	<p>Linking Indigenous groups, national statistical agencies, health ministries (examples of mechanisms for linking these groups in each country) Moderator: Jacinta Elston, James Cook University, AU</p> <ul style="list-style-type: none"> ▶ New Zealand: Ricci Harris, Wellington School of Medicine ▶ Australia: NAGATSIHID: Shane Houston, Department of Health and Community Services, Northern Territory ▶ Canada: Indigenous advisory committees for each survey/data collection: Valerie Whetung, Statistics Canada ▶ USA: Francine Romero, Jemez Health and Human Services
<p>12:30 – 2:00 pm</p>	<p><i>Lunch</i>—Participants from each country are invited to caucus</p>
<p>2:00 – 3:15 pm</p>	<p>Population session: Moderator: Rene Dion, Canada</p> <ul style="list-style-type: none"> ▶ Statistical Office speakers will address the following questions: How is the Indigenous population counted? How is Indigenous identification obtained? ▶ Indigenous speakers from each country will follow, to address the following question: What does it mean for an Indigenous person to be counted? ▶ Australia: <ul style="list-style-type: none"> ▶ Dan Black, National Centre for Aboriginal and Torres Strait Islander Statistics, ABS ▶ Richard Madden, National Centre for Health Classification), AU ▶ Shane Houston, Department of Health and Community Services, Northern Territory ▶ Canada: <ul style="list-style-type: none"> ▶ Valorie Whetung, Statistics Canada ▶ Jane Gray, Assembly of First Nations ▶ Kim Bulger, Metis National Council
<p>3:15 – 3:45</p>	<p><i>Afternoon Tea</i></p>
<p>3:45 – 5:00pm</p>	<p>Population session (continued):</p> <ul style="list-style-type: none"> ▶ USA: <ul style="list-style-type: none"> ▶ Susan Lavin, Census Bureau ▶ Leo Nolan, Indian Health Service ▶ Ralph Forquera, Seattle Indian Health Board ▶ New Zealand: <ul style="list-style-type: none"> ▶ Whetu Wereta, Statistics New Zealand speaker ▶ Fiona Pimm, He Oranga Pounamu

Day 3—30 November 2006



9:00 – 10:30 am	Plans for 2007 IGIHM meeting Moderator: Sam Notzon, (NCHS/CDC) and Jacinta Elston (James Cook University)
10:00 – 10:30	<i>Morning tea</i>
10:30 – 12:00	Terms of reference, organizational issues Moderator: Penny Allbon (AIHW) and Jacinta Elston (James Cook University) <ul style="list-style-type: none">▶ Presentation of framework and Terms of Reference Michelle Chino, University of Nevada, Las Vegas▶ Panel discussion:<ul style="list-style-type: none">▶ Australia: Ms. Deb Reid, Department of Health and Aging and Ian Ring, Queensland Department of Health▶ Canada: Janet Smylie, University of Saskatchewan▶ USA: Michelle Chino, University of Nevada Las Vegas and Sam Notzon, NCHS/CDC▶ New Zealand: Paula Searle, Ministry of Health

Australia's Stocktake of health information on the Aboriginal and Torres Strait Islander peoples

**International Group for Indigenous Health Measurement 28-30
November 2006**

Fadwa Al Yaman

**Aboriginal and Torres Strait Islander Health and Welfare Unit
Australian Institute of Health and Welfare**



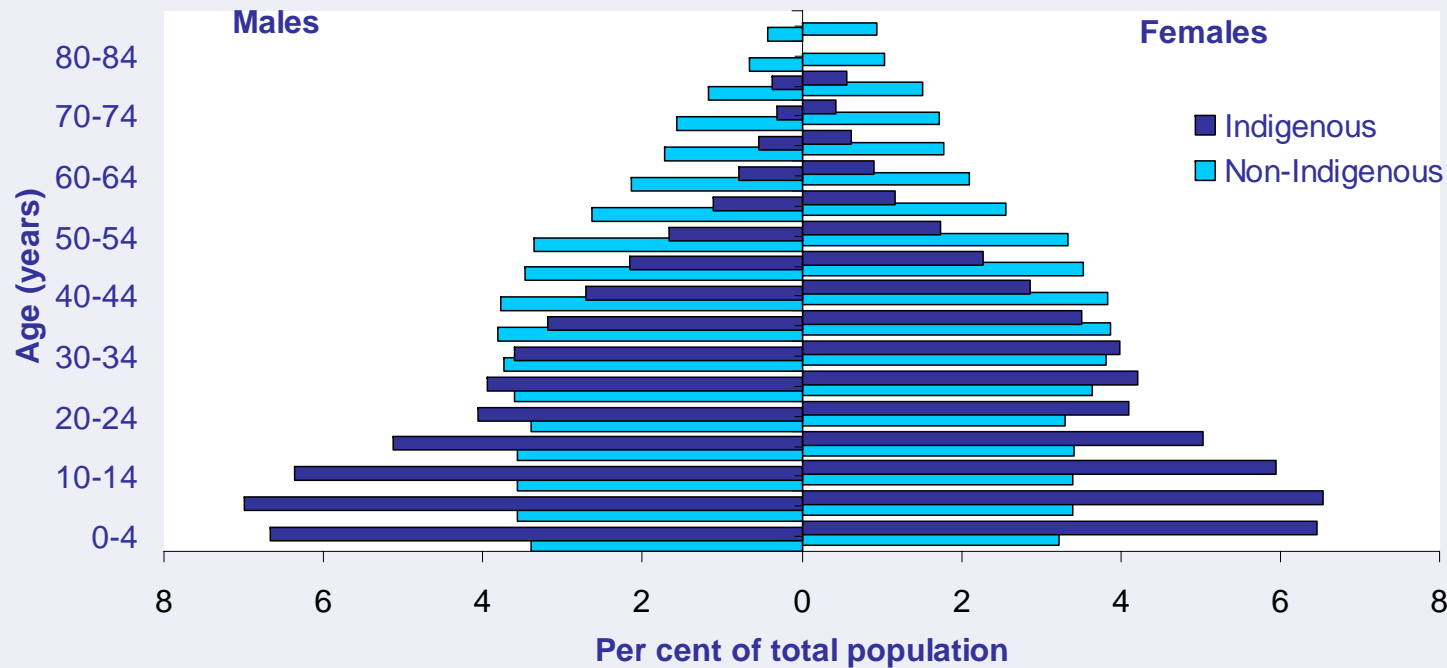
Australian Government

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Health and Welfare**

Overview

- Demographic information and some examples of disparities
- Sources of data and data quality issues
- Processes and structures to improve the data
- Some remaining challenges

Age-sex structure



458,520 Indigenous persons in 2001 (2.4% of the population) and growing to 492,700 in June 2005

Youthful population (median age 21 versus 36 for Australian population).

Source: ABS Census of Population and Housing, 2001

Compared to the Australian population, Australia's Indigenous population:

Is younger

Has higher fertility

Women have children at a younger age

Is growing faster.

Mostly live in cities and country towns areas but a greater proportion live in remote and very remote areas

Significant disparities exist between Indigenous and non-Indigenous Australians

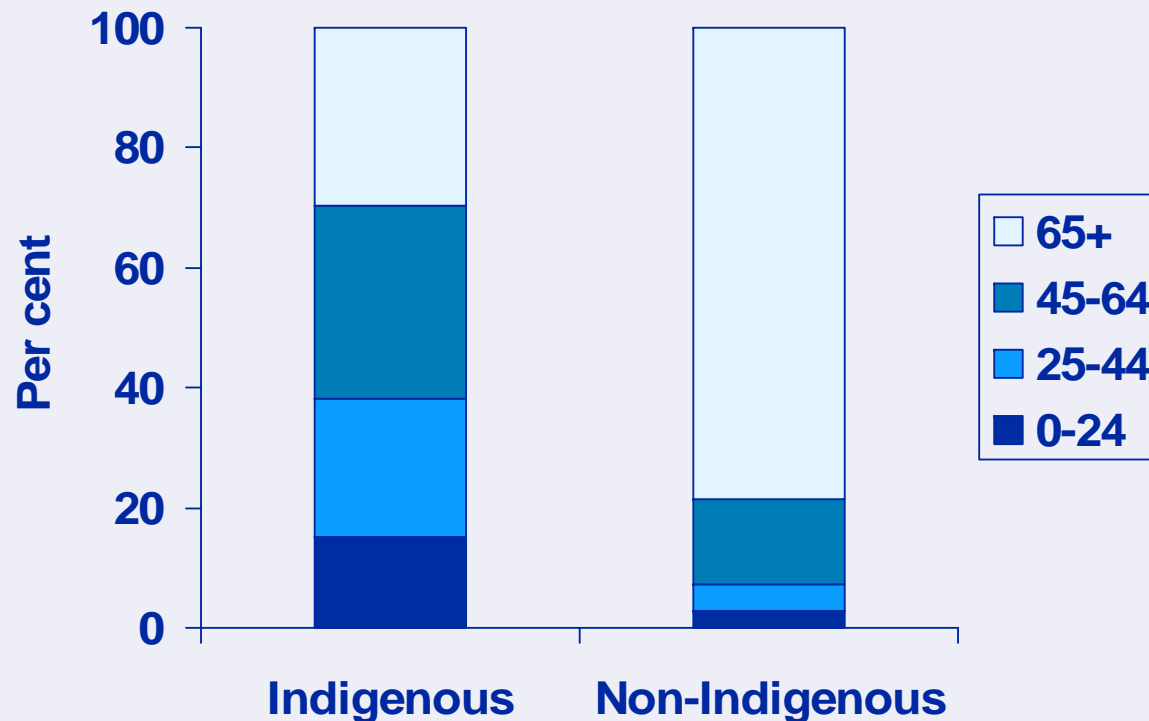
- Life expectancy (years)
 - Males: 59.4 Indigenous (1996-2001)
76.6 Total Australian (1998-2000)
 - Females: 64.8 Indigenous (1996-2001)
82.0 Total Australian (1998-2000)
- Self assessed health status “fair or poor”
 - Indigenous 33%
 - Other Australians 16%
- Infant mortality rate
 - Indigenous 3 times that of Other Australians (14 versus 5 per 1000)

Source: ABS different sources

Significant disparities exist

- Disability rates 36%, twice the non-indigenous rate
- Diabetes prevalence, 4 times the non-indigenous rate
- Are hospitalised at younger ages and at higher rates in every age group.
- Hospitalisations for preventable conditions, 7 times the non-indigenous rate
- Higher levels of mortality across all age groups but in particular mid adult age groups

Age at death 2000-2004

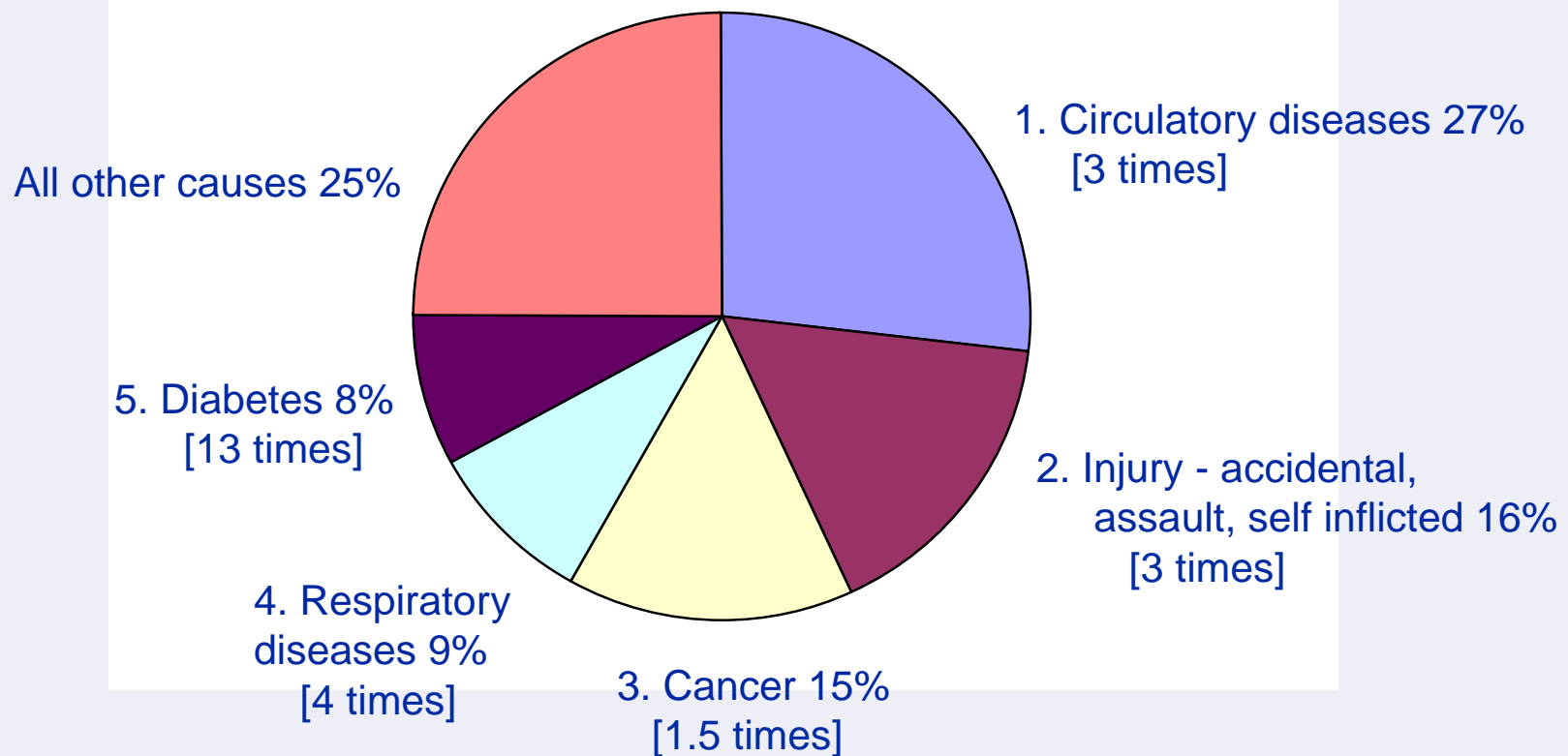


Indigenous people dying before age 65 71%
 Non-Indigenous people dying before age 65 22%

Note: Data refer to only Qld, WA, SA & NT

Source: AIHW National Mortality Database

Most causes of death are preventable or reducible



Most of the deaths are related to preventable risk factors

- More likely to be current smokers
- Higher rates of obesity
- Higher rates of risky alcohol drinking
- Higher proportion with multiple risk factors

Significant disparities exist in socioeconomic determinants

- Home ownership 30% (70% for other Australians)
- Year 12 completion 40% compared with 77%
- Employed - 51% compared with 74%
- Mean Income \$394 per week compared with \$665 (59%)

Sources of data

Sources of data

- *Administrative data collections*
- *Australian Census of Population and Housing (5 yearly)*
- *Nation wide surveys*
- *Special purpose Indigenous specific sample surveys (NATSIH and NATSISS, CHINS)*

How is Information on Indigenous Australians collected in nation-wide surveys and administrative data ?

- There is an Indigenous identification question in the census, surveys and administrative data collections
- Definition of an “Indigenous person” in health data collections is based on self identification¹ in response to a question that service providers are required to ask of all service users and which is also asked in the Census.
- The question is “are you of Aboriginal or Torres Strait Islander origin?”
- To answer the question is voluntary. The response can be subject to changes in social and cultural values over time and can depend on who is asking the question and why.

Issues with the data

Census: change in identification over time

- Between 1991 & 1996 Censuses the Indigenous population increased by 33%. It is estimated 19% was caused by changes in identification and 14% by demographic changes.

Administrative: identification problems

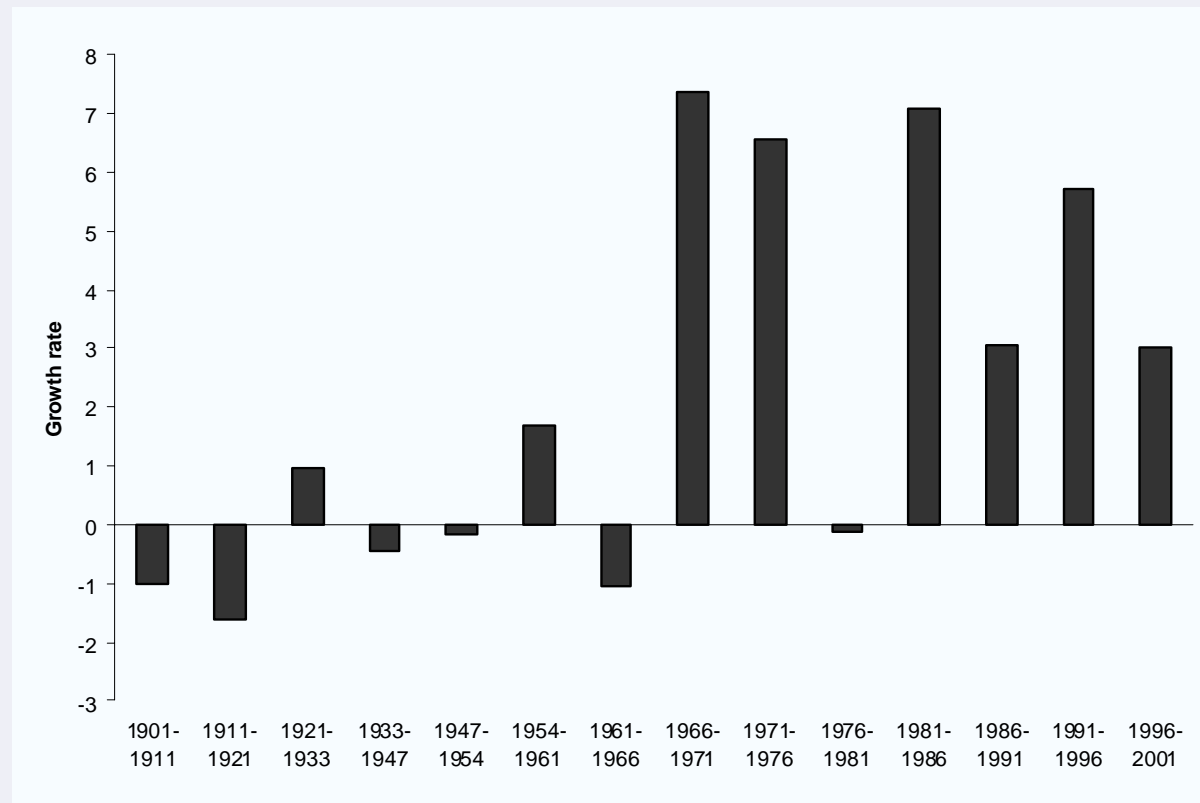
- Identification question may not be asked at all (identity is missing)
- Identification question may not be asked in a consistent way
- Missing identification defaults to non-Indigenous in many systems.
- Inconsistent identification within a collection, across different data collections, **by region** & over time.

Nation wide sample surveys:

- Issues of coverage and representation of the sample

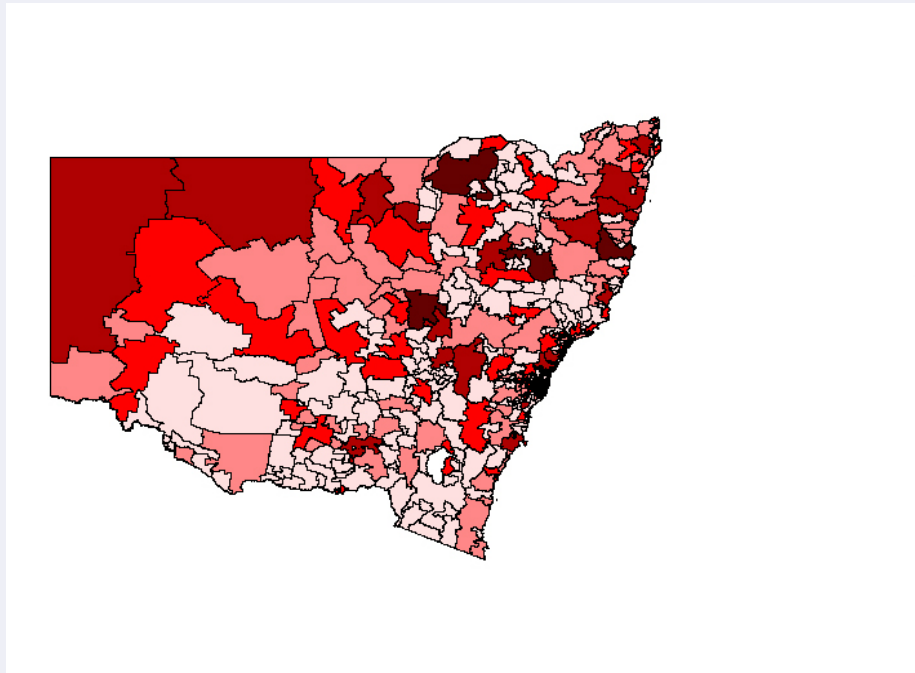
An example of the problem

Change in identification over time in the Census



Differences in identification by remoteness

Differences in health status between urban, rural and remote locations can not be ascertained because differences in identification by region confuses the picture. Identification is believed to be better in remote



Repercussions of the identification problem

- Indigenous people are under-identified in births and death registrations, hospitalisations and disease register data.
- The degree of under-identification varies by State and Territory and by remoteness and over time.
- Difficult to separate changes in identification from changes in health status. So trends cannot be analysed with confidence.
- Many rates are calculated from different data sets e.g. death rates from the census and death registrations – with differences in collection method of identification and rates of identification.

Only known good quality data is used – little national reporting

<i>Data set</i>	<i>Jurisdictions with adequate identification</i>
Births	Australia (91% coverage)
Hospital separations	Qld, WA, SA & NT
Mortality	Qld, WA, SA & NT
Notifiable disease registries	WA, SA & NT
Immunisation Childhood Register	NSW, Vic, WA, SA, NT,
Cancer registries	NT, Qld, WA

How is the data improved

- National information plans across all areas
- Committees to oversee the implementation of the plan
- Partnership approach and relevant parties on the committee
- A relevant policy framework to drive data improvements
- A data monitoring system through indicators

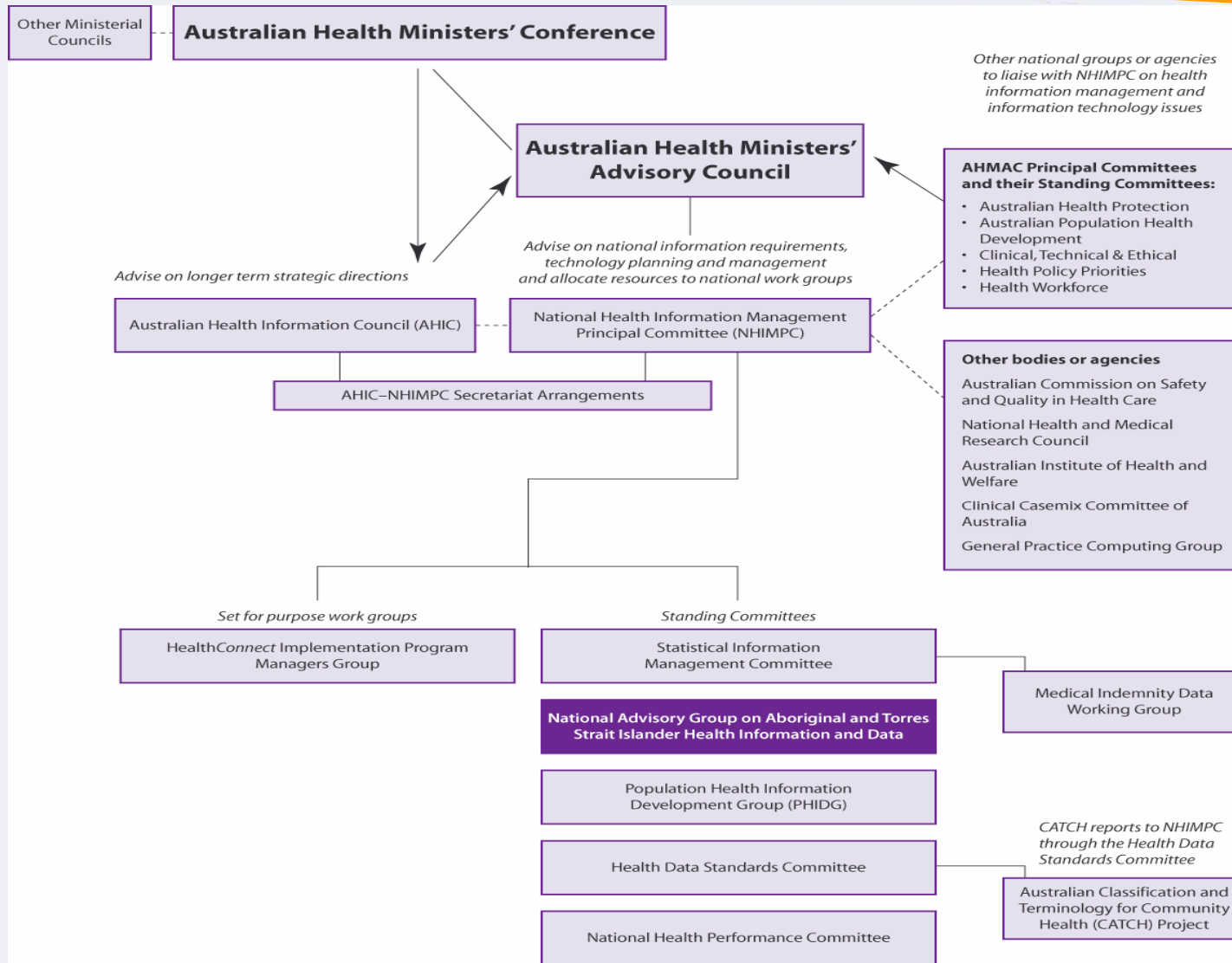
How is data collection agreed and the quality assured and improved?

- National health agreement plan and also
- Indigenous specific health Plans to provide the necessary focus
- overseeing the implementation of the workplan is an advisory group with statistical agencies, the commonwealth, Service providers and other experts
- It has a majority of Indigenous members

National Advisory Group on Aboriginal and Torres Strait Islander Health Information and Data -NAGATSIHID

Role of NAGATSIHD:

- Provide a national forum for the development of Indigenous health data.
- Oversees implementation of its strategic plan
- Advise AIHW and ABS, OATSIH on implementation of plan and other relevant activities of their work.
- Provide strategic advice to health Ministers (AHMAC).



Position of NAGATSIHID within the national health information governance arrangements

NAGATSIHID Strategic plan 2006-2008

Twenty themes for improving Indigenous data under five major areas:

- a. Approaches to health information development, collection and use
- b. Priorities for information development
- c. Analytical work
- d. Key statistical reports
- e. Areas that need further consideration

Data development efforts and activities are also linked to a policy framework

How is data related to policy?

- The ***National Strategic Framework for Aboriginal and Torres Strait Islander Health*** provides direction for Indigenous health information development
- The Framework has a monitoring system, the ***Health Performance Framework*** which monitors change – to see if the policy is bringing about desired change.
- NAGATSIHID provide advice on the Health Performance Framework and supports the necessary data work.

Remaining challenges

- Identification issues and valid national, regional and change-over-time comparisons.
- Data linking and privacy issues.
- Data cannot be disaggregated to local areas.
- Data is based on individuals not families communities.
- Limited evaluation of programs and interventions.
- Cultural appropriateness of measures.
- Return of information to communities.
- International comparisons.

Thank you
Web address
www.aihw.gov.au

International Group for Indigenous Health Measurement Meeting

Speakers and Attendees

Name	Affiliation
AUSTRALIA	
Moderators/speakers	
Jacinta Elston	James Cook University
Dea Delaney Thiele	National Aboriginal Community Controlled Health Organisation
Ian Anderson	Melbourne University
Mr Dennis Trewin	Australian Bureau of Statistics
Dan Black	Australian Bureau of Statistics
Ted Wilkes	Curtin University of Technology
Shane Houston	Territory Health Services
Debra Reid	Office for Aboriginal and Torres Strait Islander Health, Department of Health and Ageing
Lesley Podesta	Office for Aboriginal and Torres Strait Islander Health, Department of Health and Ageing
Prof Richard Madden	National Centre for Classification in Health
Penny Allbon	Australian Institute of Health and Welfare
Fadwa Al-Yaman	Australian Institute of Health and Welfare
Attendees	
Ian Ring	University of Wollongong
Assoc Prof Lisa Jackson Pulver	University of New South Wales
Julie Tongs	Winnunga Nimmityjah Aboriginal Health Services
Craig Ritchie	ACT Department of Health
Steve Larkin	Australian Institute of Aboriginal and Torres Strait Islander Studies
Kirrily Harrison	Office for Aboriginal and Torres Strait Islander Health, Department of Health and Ageing
Ken Tallis	Australian Institute of Health and Welfare
Paul Magnus	Australian Institute of Health and Welfare
Barbara Dunlop	Australian Bureau of Statistics
Kerryn Pholi	Australian Bureau of Statistics
Sally Goodspeed	Australian Bureau of Statistics

NEW ZEALAND

Moderators/speakers

Brendan Stevenson	Research Centre for Maori Health and Development
Hon Mita Ririnui	Associate Minister of Health
Dr Ricci Harris	Wellington School of Medicine
Donna Cormack	Wellington School of Medicine

(continued)

Speakers and Attendees (continued)

Name	Affiliation
Paula Searle	Ministry of Health

Ms Fiona Pimm	He Oranga Pounamu
Whetu Wereta	Statistics New Zealand
Natalie Pakipaki	Ministry of Health
Attendees	
Dr Elana Curtis	University of Auckland
Prof Linda Smith	University of Auckland
Sue Crengle	The University of Auckland
Eljon Fitzgerald	Massey University
Aroha Haggie	Health Research Council of New Zealand

CANADA

Moderators/speakers

Rene Dion	Health Canada
Chief Tom Bressette	First Nations Statistics
Dr Jeff Reading	University of Victoria/ Institute of Aboriginal Peoples' Health
Dr. Janet Smylie	University of Saskatchewan
Ms. Jane Gray	Assembly of First Nations
Ms. Valorie Whetung	Statistics Canada
Ms. Kim Bulger	Métis National Council

Attendees

Dr. Brenda Elias	University of Manitoba
Laura Commanda	Canadian Institute of Health Research.
Roda Grey	Indian and Northern Affairs

UNITED STATES

Moderators/speakers

Michelle Chino	University of Nevada Las Vegas
Howard Goldberg	National Centre for Chronic Disease Prevention and Health Promotion, Centre for Disease Control and Prevention
Francine C. Romero	Jemez Health and Human Services
Sam Notzon	National Centre for Health Statistics
Ralph Forquera	Seattle Indian Health Board
Leo Nolan	Indian Health Service
Susan Lavin	Census Bureau

Attendees

Ralph Bryan	Office of Minority Health
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Presentations - IGIHM 2006

Presentations from the International Group for Indigneous Health Measurement meeting held 28-30 November 2006 - Rydges Capital Hill, Canberra.

Day 1 - 28 November 2006

Welcome

- Welcome to Country - Matilda House
- Welcome - Penny Allbon - [Presentation](#)

Welcome - Country representatives

- Associate Minister of Health (New Zealand)
- Dea Delaney-Thiele (Australia) - [Presentation](#)
- Chief Tom Bressette (Canada) - [Presentation](#)
- Leo Nolan (United States of America)

Keynote address: NACCHOs experiences and challenges - an overview

- Dea Delaney-Thiele (Australia) - [Presentation](#)

Setting the scene: Demand for data to support policy relevant analyses and research - Comments by data users

- Jeff Reading (Canada) - [Abstract](#) - [Presentation](#)
- Michelle Chino (United States of America) - [Abstract](#) - [Presentation](#)
- Ahora Haggie (New Zealand) - [Presentation](#)
- Ian Anderson (Australia) - [Presentation](#)


Setting the scene: Supply of data - Stocktake presentations

- Ian Anderson (Australia) - refer to presentation above
- Fadwa al-Yaman (Australia) - [Presentation](#)
- Janet Smylie (Canada) - [Abstract](#) - [Presentation](#)
- Howard Goldberg (United States of America) - [Abstract](#) - [Presentation](#)
- Paula Searle and Natalie Pakipaki (New Zealand) - [Abstract](#) - [Presentation](#)

Dinner

- Dennis Trewin (Australia) - [speech](#)

In this section

[International Group for Indigenous Health Measurement \(IGIHM\)](#) [Presentations - IGIHM 2013](#)[Related publications and AIHW websites](#)[Speakers - IGIHM 2012](#)[Presentations - IGIHM 2012](#)[Speakers - IGIHM 2006](#)**[Presentations - IGIHM 2006](#)** 

- Ted Wilkes (Australia)

Day 2 - 29 November 2006

Innovations/recent developments

- Journal of Health Disparities Research and Practice - [Presentation](#)
- Leo Nolan (United States of America) - [Abstract](#) - [Presentation](#)
- Donna Cormack (New Zealand) - [Abstract](#) - [Presentation](#)
- Lesley Podesta and Debra Reid (Australia) - [Abstract](#) - [Presentation](#)
- Jane Gray (Canada) - [Abstract](#) - [Presentation](#)

Linking Indigenous groups, national statistical agencies, health ministries (examples of mechanisms for linking these groups in each country)

- Ricci Harris (New Zealand) - [Abstract](#) - [Presentation](#)
- Shane Houston (Australia) - [Presentation](#)
- Valerie Whetung (Canada) - [Presentation](#)
- Francine Romero (United States of America) - [Abstract](#) - [Presentation](#)

Population session - How is the Indigenous population counted? How is Indigenous identification obtained?

- Dan Black (Australia) - [Abstract](#) - [Presentation](#)
- Richard Madden (Australia) - [Abstract](#) - [Presentation](#)
- Valorie Whetung (Canada) - [Abstract](#) - [Presentation](#)
- Susan Lavin (United States of America) - [Abstract](#) - [Presentation](#)
- Whetu Wereta (New Zealand) - [Presentation](#)

Population session - What does it mean for an Indigenous person to be counted?

- Shane Houston (Australia)
- Jane Gray (Canada) - [Abstract](#) - [Presentation](#)
- Kim Bulger (Canada) - [Abstract](#) - [Presentation](#)
- Leo Nolan (United States of America) - [Presentation](#)
- Ralph Forquera (United States of America) - [Abstract](#) - [Presentation](#)
- Fiona Pimm (New Zealand) - [Abstract](#) - [Presentation](#)

Day 3 - 30 November 2006

Terms of reference, organizational issues

- Presentation of framework and Terms of Reference Michelle Chino - [Abstract](#)