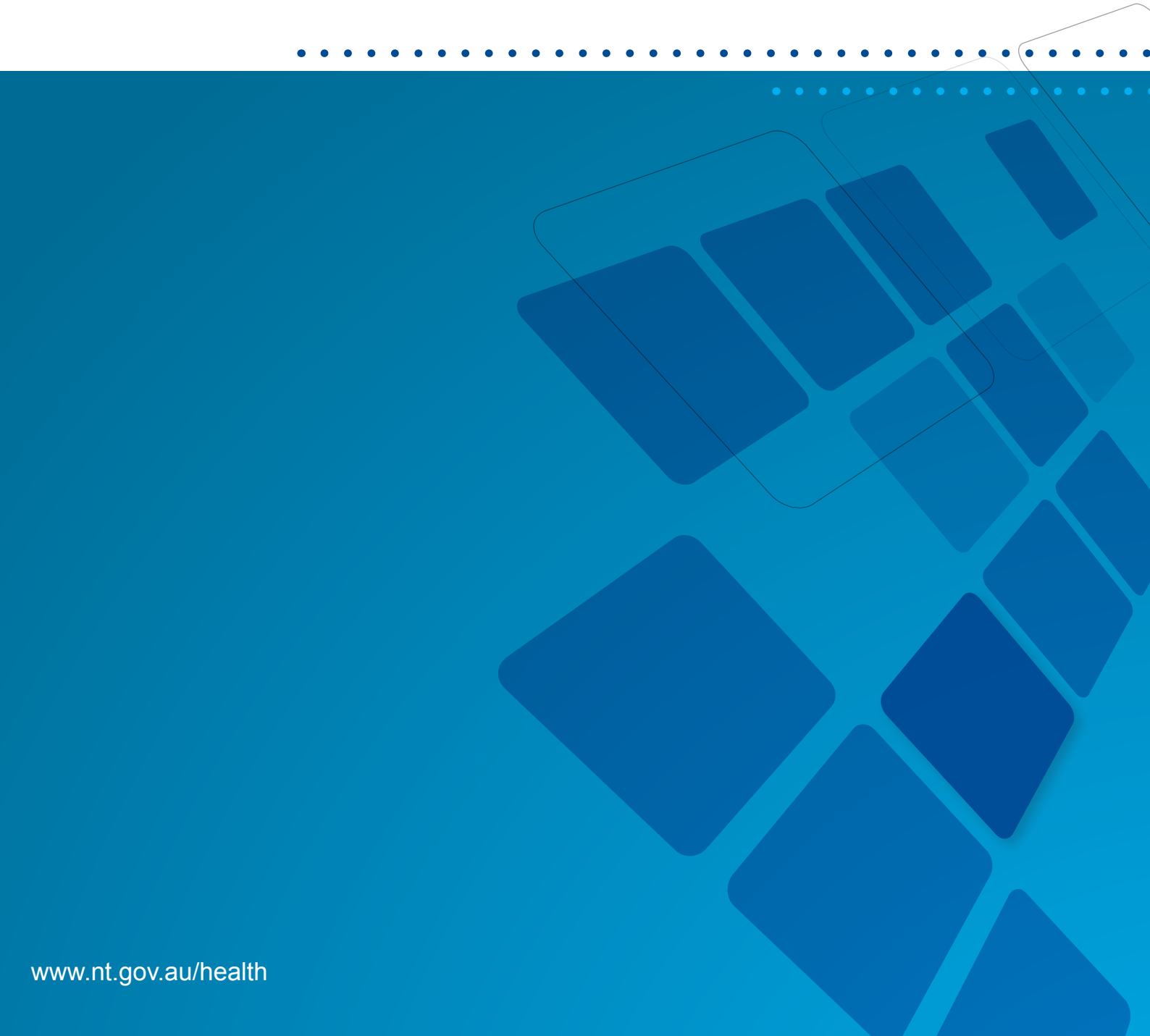


Mortality in the Northern Territory

1967 – 2006



Mortality in the Northern Territory 1967 to 2006

Ee Laine Tay
Shu Qin Li
Steven Guthridge

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Summary

This report provides an overview of mortality in the Northern Territory over the forty year period from 1967 to 2006. Information is provided separately for Indigenous and non-Indigenous Territorians with stratification by sex and age groups. The results for the report are divided into four chapters.

An introductory chapter provides information on data sources and statistical methods, as well as an outline of limitations of the report

The second chapter reports on mortality statistics from all causes. The chapter includes life expectancy estimates.

The third chapter describes statistics for the most common causes of death by major disease groups, for all ages combined and by selected age groups.

The fourth chapter provides information on deaths from selected diseases or conditions.

Unless an age range is specified, the death rates reported below are age standardised.

Key findings

All cause mortality

Life expectancy at birth

- Life expectancy at birth increased for both Indigenous and non-Indigenous males and females between 1967 and 2006.
- Among Indigenous males, life expectancy increased by 7.7 years, from 52.5 to 60.2 years and among non-Indigenous males, by 16.5 years, from 64.7 to 81.2 years.
- Among Indigenous females, life expectancy increased by 15.9 years, from 53.9 to 69.8 years and among non-Indigenous females, by 12.4 years, from 72.6 to 85 years.

Age-adjusted death rate

- Death rates declined for both Indigenous and non-Indigenous populations, but at a slower rate for Indigenous males compared to other populations.
- Between 1967-1970 and 2006, the age-standardised death rate among Indigenous males declined by 22%, from 2538 to 1972 per 100,000. Among non-Indigenous males, the decline was 60%, from 1806 to 722 per 100,000.
- Over the same period, death rates for Indigenous and non-Indigenous females decreased by 47% and 52% respectively (2409 to 1277 per 100,000 in Indigenous and 1152 to 549 per 100,000 in non-Indigenous females).

Age contribution to total deaths

- In the late 1960s and early 70s, deaths among children aged 0 to 4 years accounted for the highest proportion of deaths in all populations (32% and 37% in Indigenous males and females respectively; 16% and 34% in non-Indigenous

males and females respectively). As the years progressed, the relative contribution of early childhood deaths decreased markedly to 6% of total deaths among Indigenous and less than 5% for non-Indigenous people in 2002-2006.

- For other age groups, around 25% and 46% of deaths occurred in people aged 75 and older for NT non-Indigenous males and females respectively in 2002-2006. A high proportion of Indigenous deaths occur in earlier adulthood, particularly among males.

Age-specific death rate ratio

- Among the Indigenous population, death rate ratios (compared to Australia) for most age groups increased over the years due to slower rates of improvement for this population. This change was consistent across the age groups from those aged 10-14 years to older adults.

Age-specific death rates

- Between 1967-1970 and 2006 death rates were trending downwards, at varying rates, for all age groups except Indigenous males aged 15 to 44 years.
- Among the 0 to 4 years age group, death rates decreased by around 87% in Indigenous males and females (from 2502 to 352 per 100,000 and 2527 to 317, respectively), with the sharpest decline observed during the 1970s and early 1980s.
- Among all populations of children aged 5 to 14 years, death rates steadily declined over the forty year period.
- Among young (15 to 24 years) and middle aged (25 to 44 years) adults, death rates gradually declined in all populations, except for Indigenous males whose rates remained little changed.
- For those aged 45 and over, there was a steady and continued decline in death rates for all population groups over forty years.

Age-adjusted death rate by health district

- Between 1981-1985 and 2000-2006, death rates declined for both Indigenous males and females in the Top End (TE) and Central Australia (CA). The reductions were more pronounced in the TE (TE Indigenous males, 2553 to 1855 per 100,000, TE Indigenous females 2073 to 1281) compared with CA (CA males 2643 to 2328 per 100,000, CA females 1746 to 1437).
- The districts with the highest death rates among Indigenous men in the late 1980s were Darwin Rural (4146 per 100,000) and Barkly (3098 per 100,000). By the early-mid 2000s, reductions in death rates had occurred in all rural districts. In urban districts death rates remained unchanged in Alice Springs Urban and increased in Darwin Urban.
- Among Indigenous females, in the late 1980s, the highest death rates were seen in Darwin Rural (3024 per 100,000). By the early-mid 2000s, significant declines had occurred in all rural districts, while there was little change in the urban districts of Darwin and Alice Springs.

Common causes of death

All age groups

- During the period 1967-1976, the leading causes of death among Indigenous males and females for all ages were respiratory illnesses (20% and 22% respectively) and circulatory disorders (21% and 15% respectively). Infectious disease related deaths were also common (11% and 12% respectively).
- By 1997- 2006, among Indigenous males and females the most common causes of death were circulatory disorders (28% and 27% respectively), injury (20% and 13%) and cancer (12% and 13%). The impact of infectious diseases had declined to around 3% of total deaths.
- Among non-Indigenous people, the leading causes of death in the period 1967-1976 were injury (males 43% and females 25%) and circulatory disorders. Over time injury became less prominent and by 1997-2006 cancer was the leading cause of death among both men and women (28% and 32% respectively).

By age group

- Among 0 to 4 year olds, deaths in the Indigenous population during 1967-1976 were most commonly the result of infectious diseases, respiratory illnesses and perinatal conditions. Over time, deaths from infectious diseases and respiratory illnesses declined significantly and perinatal conditions became the leading cause of death. In the non-Indigenous population perinatal conditions has remained the leading cause of death.
- For 5 to 14 year olds, the most common cause of death has remained injury for both Indigenous and non-Indigenous people.
- Injury was also the leading cause of death in those aged 15 to 24 years. In the Indigenous population injury increased in prominence between 1967-1976 and 1997-2006 for both males (49% and 71% respectively) and females (25% and 55%). In the non-Indigenous population, the proportion of total deaths resulting from injury remained similar in both periods for males (90% and 81%) and females (83% and 76%).
- Among 25 to 44 year olds Indigenous males the common causes of death in 1967-1976 were injury (25%), circulatory disorders (22%) and respiratory illnesses (17%) and in women; respiratory illnesses (22%), circulatory disorders (20%) and injury (15%). In the more recent decade (1997-2006), injury and circulatory disorders contributed to more than half of total deaths in men (34% and 26% respectively) and almost half among women (circulatory 25% and injury 24%). Among the non-Indigenous population injury remained the leading cause of death in both decades for both men (71% and 62%) and women (56% and 40%).
- For the middle and older age groups of 45 years and over, the leading causes of death in both populations have remained been circulatory conditions and cancer. A prominent change for the Indigenous population, between 1967-1976 and 1997-2006, was the fall in those deaths caused by ill-defined conditions.

Specific causes of death

Infectious and parasitic diseases

- Between 1967-1970 and 2006, there were substantial declines in death rates from infectious disease among both Indigenous males (from 179 to 52 per 100,000) and females (from 203 to 23 per 100,000). The significant overall reductions were largely the result of the fall (99%) in the number of deaths from intestinal diseases.
- The proportion of deaths from septicaemia gradually increased to be prominent among both the Indigenous and non-Indigenous populations.

Neoplasms

- From the late 1967-1970 to 2006, there was a gradual increase in Indigenous death rates from cancer, especially among males (by 43% from 204 to 292 per 100,000). More recently there were early signs of a moderation in death rates from cancer.
- Among non-Indigenous males there was a steady decline in cancer death rates, with a reduction of 23% from 344 to 266 per 100,000 between 1967-1970 and 2006). This trend was not apparent for non-Indigenous females.
- Cancers of the lung, trachea and bronchus accounted for a large proportion of total cancer related deaths in both Indigenous and non-Indigenous people.

Endocrine, nutritional and metabolic diseases

- Among Indigenous males, death rates from endocrine, nutritional and metabolic diseases increased from 45 to 160 per 100,000 between 1967-1970 and 2006. Among Indigenous females, rates increased to the late 1980's (89 to 163 per 100,000) before stabilising.
- Type 2 diabetes was the dominant specific cause of death among endocrine, nutritional and metabolic diseases for both Indigenous and non-Indigenous populations.

Mental and behavioural disorders

- Among Indigenous males and females, death rates from mental and behavioural disorders increased from 16.6 to 107.1 per 100,000 and from 4.6 to 75.8 per 100,000 respectively, between 1971-1975 and 2001-2005. Between the same periods there was little change for the non-Indigenous population.
- Death from alcohol related disorders was the leading condition in this category in both populations.

Diseases of the circulatory system

- Among Indigenous Territorians, death rates from circulatory system diseases were relatively stable from 1967-1970 to the 1990's, before some evidence of a recent decline. By contrast, death rates among non-Indigenous Territorians and Australians have decreased steadily.
- Deaths from ischaemic heart disease (IHD) and cerebrovascular disease (stroke) accounted for the majority of circulatory system deaths in both Indigenous and non-Indigenous populations.

Diseases of the respiratory system

- Death rates among Territorians have declined sharply from the 1990s.
- Deaths from pneumonia and influenza have reduced considerably over time in the Indigenous population but were gradually replaced by deaths from chronic obstructive pulmonary disease (COPD).

Diseases of the digestive system

- Deaths from digestive disorders increased by 182% and 103% among Indigenous males and females respectively between 1967-1970 and 2006. This can be explained largely by the rising death rates from chronic liver disease, which accounted for almost half of the deaths from digestive disorders.
- By contrast, death rates trended downwards for non-Indigenous people (by 67% for males and 75% for females). Chronic liver disease accounted for about one third of deaths and this remained relatively stable over the years.

Diseases of the genitourinary system

- There was a steady increase in death rates among both Indigenous males and females over the years, in contrast to the non-Indigenous population among whom rates remained relatively stable. The increase in death rates among Indigenous is largely a result of increase in chronic renal failure.

Injury and poisoning

- In the Indigenous population, injury related death rates remained relatively unchanged over the forty year period. By contrast, rates decreased by 61% in non-Indigenous males (from 182 to 71 per 100,000) and by 80% among non-Indigenous females (from 145 to 29 per 100,000).
- Of all injuries, motor vehicle accidents (MVA) accounted for one quarter of deaths for both Indigenous and non-Indigenous people.
- Death rates from suicide have increased substantially among Indigenous Territorians since the mid 1990s.

1 Introduction

Mortality reporting is an important measure of population health. While information on deaths cannot provide a complete picture of health status, it can contribute much to policy planning and evaluation by: providing a snapshot of current health problems; identifying trends in causes of death and risk patterns in specific population groups; and, helping to assess the extent of progress of programs or interventions.

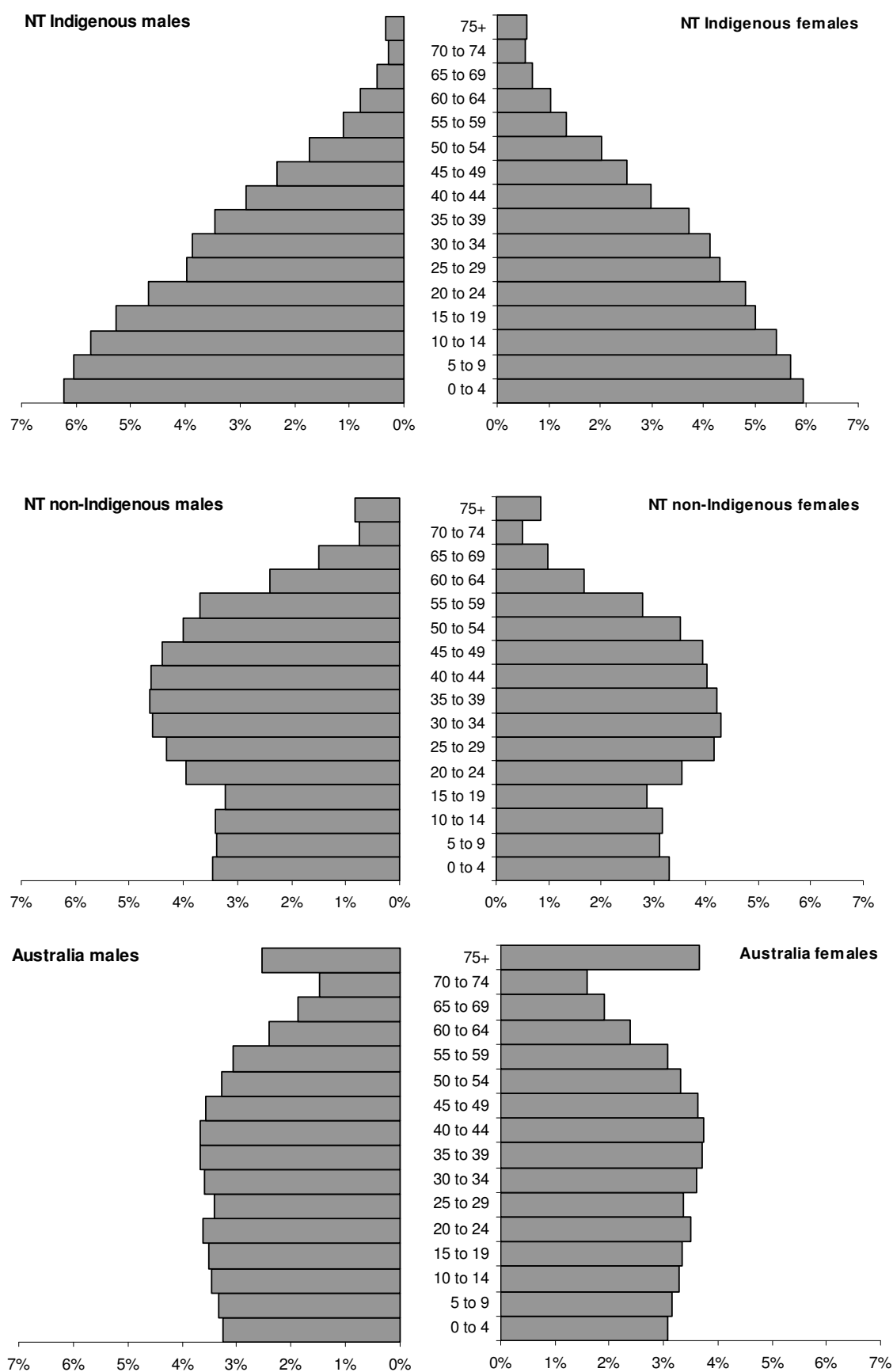
The Department of Health (DoH) Health Gains Planning Branch regularly undertakes analysis and reporting of mortality data in the Northern Territory (NT). The previous report, *Mortality in the Northern Territory 1981- 2000* provided an overview of deaths in the NT for 20 years, including statistics on total deaths and common causes of death [1].

This report provides a descriptive update of mortality statistics in the NT over the extended period from 1967 to 2006. Since the publication of the last report, there has been a number of studies reporting that life expectancy has improved in both NT Indigenous and non-Indigenous populations since 1960s [1, 2]. This improvement has occurred through, a still emerging, epidemic of chronic disease among Indigenous Australians which commenced in the early 1980s [3], and has been offset by the reduction in death rates from communicable diseases and perinatal conditions. Death rates, particularly chronic disease mortality, have been reported to be much higher in the NT Indigenous than non-Indigenous population and all Australians [4, 5].

The availability of mortality data from 1967 was made possible through the addition of two research datasets to complement routine collections from the Australian Bureau of Statistics (ABS) held by Health Gains Planning. The first dataset produced by John Condon contains NT information which includes Indigenous identification from the 1960s to 1980s. The second dataset was compiled by Tom Wilson and contains ABS death registration statistics for Australia back to 1967. Health Gains Planning has approval to hold a copy of ABS national registration data from 1979 onwards (and NT mortality data from 1967 onwards) and the inclusion of the two additional datasets has enabled analysis including by Indigenous status, for an extended period of 40 years. A 40 year view of NT mortality patterns provides more convincing evidence for both the nature of change, and the possible influence of diseases and health interventions on mortality outcomes.

When interpreting mortality data, it is important to take into account the distinct demography of the NT (Figure 1). The NT population is unique in several ways. First, it has the smallest and most dispersed population of all of the states and territories in Australia. The population of 211,945 residents is spread across a land area of 1,349,129km² [6,7] resulting in a very low population density of 0.16 people per square kilometre. Second, it has the highest percentage of Indigenous population (27.8%) of all states and territories (Australia (2.5%)), the majority of whom live in remote/very remote areas [7, 8]. Third, the NT population is relatively young, with a median age of 31 and only 4.8% of the population aged over 65, compared with the Australian median age of 37 & 14% aged over 65 years [7].

Figure 1 Population pyramid in the Northern Territory and Australia, by Indigenous status, 2006



Information presented in this report

The mortality information in this report is presented in three chapters – All cause mortality, common causes of death by major disease areas (such as respiratory disorders) and specific conditions of interest (such as asthma).

Within each chapter, mortality statistics include frequency counts, percentages, age-adjusted death rates, age-specific death rate and trends analysis. Mortality patterns and trends are analysed separately for Indigenous and non-Indigenous Territorians, with stratification by sex, time period and age groups in some cases. Australian data is provided for comparison, where appropriate. Each chapter begins with a descriptive summation of key findings followed by detailed statistical tables and graphs.

The first result chapter (Chapter 2) presents summary statistics for deaths from all causes of death including life expectancy. It contains information on life expectancy, age-adjusted death rates, age-specific death rate by six specified age groupings, change in age contribution to the proportion of deaths and age-adjusted death rate by health districts and regions.

Chapter 3 provides information on the most common causes of death by major disease area based on the International Classification of Diseases (ICD) chapters. It looks at the common causes of death for all forty years and compares the change between the first ten years and the last ten years of the study period for all ages and within selected aged groups. Ranking is used to denote the relative frequency of the common causes of death.

Chapter 4 provides information on specific conditions of interest that sit within each major ICD chapter. These are conditions that are of specific relevance to the NT.

The following ICD chapters are contained in this report:

- Infectious and parasitic diseases
- Neoplasm
- Endocrine, nutritional and metabolic diseases
- Diseases of blood, blood-forming organs and immune disorders
- Mental and behavioural disorders
- Diseases of the nervous system and sense organs
- Diseases of the circulatory system
- Diseases of the respiratory system
- Diseases of the digestive system
- Diseases of the genitourinary system
- Congenital malformation, deformation and genetic abnormalities
- Perinatal Conditions
- Ill-Defined Clinical Signs and Symptoms
- Injury and Poisoning
- All other conditions, which includes diseases of the musculoskeletal system, disease of the skin and subcutaneous tissue and conditions relating to pregnancy, childbirth and puerperium

Data sources

The main data sources used in the report are the mortality dataset and population dataset.

Mortality dataset

As previously described, this report uses ABS mortality data and two research datasets from John Condon and Tom Wilson. Table 1 provides a summary of the data sources for NT and Australia and their corresponding period.

Table 1 Summary of data sources

Dataset	Data source	Period
NT	ABS modified by John Condon	1967 to 1988
	ABS	1989 to 2006
Australia	ABS modified by Tom Wilson	1967 to 1978
	ABS	1979 to 2006

In Australia, information on each death is recorded on a standard Medical Certificate Cause of Death by a medical practitioner or coroner. The certificate includes details of the underlying (primary) cause of death and any associated medical conditions that may have contributed to the death. The details from the certificate are recorded and maintained in each Australian state and territory by the respective Registrar of Births, Deaths and Marriages. The Registrars forward copies of the data to ABS for coding and collation as a national dataset.

Identification of Indigenous status in the NT has been near complete from 1988 onwards [2] when it was first included as a data item in national death data. The use of John Condon's dataset provided a validated source of Indigenous status for earlier years. Based on the original ABS dataset, John Condon manually reviewed individual NT death records and inferred Indigenous status from names and other information collected on the NT death registration form. John Condon's work resulted in changes only to the Indigenous status and not to other information contained in the original ABS deaths dataset.

Health Gains Planning holds ABS national death data from 1979 onwards. The use of Tom Wilson's dataset, containing age specific summary death data not previously published by ABS [2], enabled Health Gains Planning to extend the analysis for Australia back to 1967.

Deaths coding

ABS deaths data were coded using the ICD coding system, an international standard diagnostic classification. Until 1 January 1997, coding for deaths were assigned manually and were based on the underlying cause of death written in death certificates. After that date, ABS introduced the Automated Coding System (ACS) which continues to be used to code both the underlying and associated causes of death.

The ICD coding system has undergone significant changes since it was first introduced in the 1850s. There have been many versions of ICD used in different time periods, as summarised in Table 2. Backward mapping was used to improve the comparability of causes of death between time periods. The changes from ICD-9 and ICD-10 were mapped using mapping tables released by the World Health Organisation (WHO) and the mapping of ICD-7 to ICD-9 was done based on the work by Taylor at the Australian

Institute of Health and Welfare (AIHW) [9]. The list of ICD codes can be found in Appendix 1.

Table 2 ICD version and corresponding time period

ICD version	Period	What is available
ICD 7	1967	Underlying cause of death
ICD 8	1968 to 1978	Underlying cause of death
ICD 9	1978 to 1997	Underlying cause of death
ICD 10 ¹	From 1997	Underlying and associated cause of death

Notes:

1) ICD-10 classification was adopted by ABS on 1 January 1999 and all deaths from 1997 and 1998 was recoded from ICD-9 to ICD-10

Information on underlying cause of death is available from 1967 for the NT and 1979 for Australia (as Tom Wilson's dataset contains only summary statistics). Associated cause of death is only available from 1997 onwards for both NT and Australia.

Unless otherwise specified, all analyses were based on underlying cause of death. Multiple causes of death (underlying plus associated causes) were however utilised for a number of chronic conditions. These were diabetes, ischaemic heart disease, cerebrovascular disease (stroke), hypertension, rheumatic heart disease, heart failure, chronic obstructive pulmonary disease and renal failure.

Analysis of deaths by health districts was limited to data from 1986 onwards due to issues in data quality.

All analyses were based on the year of death and not the year of registration of death.

Population dataset

Population denominators for all years was estimated by back casting ABS Estimated Resident Population (ERP) for the NT, by age-group, sex, year and Indigenous status.

Statistical methods

Life expectancy at birth

The standard abridged life table method was used to calculate the life expectancy at birth. The methodology is outlined in Appendix 2.

Age-adjusted death rate

The direct standardisation method was used to adjust for the differences in age structure between NT and Australia using the 2001 Australia ERP as the standard population. Age-specific death rates for each five-year age groups were applied to the corresponding five-year age group of the standard population, and the age-adjusted death rate was calculated using the following formula:

$$AR = \sum (R_i \times P_i) \div \sum P_i$$

Where AR = Age adjusted death rate

R_i = Age specific death rate for age group i

P_i = Standard population in age group i

i = five year age groups

All rates presented in this report are age-adjusted unless an age group is specified. In this case, age-specific rates are used. Age-specific rates were calculated by dividing the number of deaths in the specific age group by the respective population in the same age group.

All age-adjusted and age-specific rates are expressed as number of deaths per 100,000 population.

Trend analysis

The percentage change between two periods was calculated by subtracting the earlier year from the later year, divided by the earlier year's figure and multiplied by a 100.

Trends are presented using aggregated data from two-year periods for graphs and five-year periods for tables.

Missing data

Deaths for which death year was missing were excluded from analysis. Deaths with missing age group (<0.001%) were placed in the median age of death, separately for Indigenous and non-Indigenous. Data with missing Indigenous status (0.28%) were classified as non-Indigenous.

Others

The age groups used are 0 to 4 years, 5 to 14 years, 15 to 24 years, 25 to 44 years, 45 to 64 years and 65 years and over to represent the different life course stages (infancy and early childhood, childhood, young adults, parent age, middle age, and retirement and old age respectively).

Frequency counts were used as the ranking criterion for the most common causes of death because it more accurately reflects the frequency of cause-specific mortality. Crude death rates could also be used as the population-denominator is constant across all groups but may lack precision in ranking due to rounding errors. Age-adjusted death rates were not used for ranking as the values are based on the age distribution of the standard population and thus ranking will tend to vary depending on which standard is used. The tabulation list of mortality for ranking was constructed using the broad ICD chapters (e.g. circulatory disorders, all cancers).

Limitations

There are several limitations to the report that need to be recognised in the interpretation of results.

Data availability

First, analysis is limited to the specified time frame of 1967 to 2006 due to the availability of data at the time of analysis. As previously mentioned Health Gains Planning holds ABS deaths data from 1967 for the NT and from 1979 for Australia. Due to recent delays in the release of ABS deaths data, Health Gains Planning currently has access to ABS deaths registration data up until 2007. This allows valid reporting up until 2006.

Missing data

Data capture for key variables are generally complete or near complete, minimising the risk of measurement bias from missing information. However, it may be an issue for health district information that had approximately 0.2% to 3% missing data annually. While the percentage is small, there may be a risk of bias if the missing information is congregated in a particular district. This is especially so in the setting of small numbers of deaths in each district.

While the identification of Indigenous status in most states and territories in Australia has been problematic, the quality of Indigenous identification in the NT has been highly reliable. Indigenous status in earlier years was enhanced by using research data from John Condon for the earlier years.

Incomplete data

There may be a small number of deaths that are unregistered at the end of each year due to delays in reporting caused by a variety of reasons such as unexplained or unexpected deaths that required further investigations or changes in processing systems. The interval between occurrence and registration of deaths is longer among Indigenous than non-Indigenous Australians. (10)

Small numbers

Owing to the small population size in the NT, there are only a small number of deaths each year, which can result in year to year variability, especially when analysis is broken down into many different subgroups. Caution should be used when interpreting these results and random fluctuations should not be misinterpreted as real changes. This underlies the importance of undertaking trend analysis over extended periods. To reduce the year to year variability in results, data was aggregated into two-year periods for graphs and five-year periods for tables. Rates based on a numerator of less than 20 counts should always be interpreted with caution due to the inherent uncertainty of the value, as reflected by the large confidence interval.

Changes in disease classification and coding

One of the more significant sources of misclassification bias in this report is from the revisions in coding. The ICD coding has undergone several revisions over the last forty years to reflect improvements in medical knowledge. For example, with each revision there has been an increase in the number of disease codes. This increase may cause some difficulty in interpreting whether changes observed over time are real or due to differences in coding. Backward mapping was done to minimise the bias and improve comparability but the mapping exercise is still not 100% accurate because of changes in terminology, creation of new causes of death or combination and/or splitting of disease codes.

Reporting of resident status

There may be a degree of misclassification of resident status for both death registration and population data. This is exacerbated by the high proportion of interstate migration in the NT population. However, the bias will most likely be non-differential.

2 All cause mortality

Summary

Life expectancy

Life expectancy at birth has increased for both Indigenous and non-Indigenous males and females. However, the rate of increase varied between groups, with marked improvements observed in all groups except Indigenous males. Between 1967-1970 and 2006:

- Among Indigenous males, life expectancy at birth increased by 7.7 years, from 52.5 to 60.2 years. Among non-Indigenous males, the increase was 16.5 years, from 64.7 to 81.2 years.
- Among Indigenous females, there was a substantial increase in life expectancy by 15.9 years, from 53.9 to 69.8 years. Correspondingly among non-Indigenous females, it increased by 12.4 years, from 72.6 to 85 years.

As a result of these changes, the gap in life expectancy between Indigenous and non-Indigenous males widened from 12 years to 21 years over the past four decades, while by contrast the corresponding gap among females narrowed from 18.7 years to 15.2 years.

Age-adjusted death rate

Death rates have declined for all populations, but at a slower rate for Indigenous males compared to other populations.

- Among Indigenous males, the adjusted death rate declined by 22%, from 2538 to 1972 per 100,000 from years 1967-1970 to 2006. Among non-Indigenous males there was a decrease of 60%, from 1806 to 722 per 100,000 over the same period.
- For the same period, death rates for Indigenous and non-Indigenous females decreased by 47% and 52% respectively (1277 to 2409 per 100,000 for Indigenous and 549 to 1152 per 100,000 in non-Indigenous).
- Due to the slower improvements for Indigenous males, the relative difference in death rates has increased in comparison with Australian males. In 2006, male Indigenous death rates were 2.8 times the rate for Australian males, compared with 1.6 times in 1967-1970. Among Indigenous females, the difference in death rates compared with Australian females has remained relatively constant (around 2.4 times) due to the similar levels of improvement.

Age contribution to total deaths

In the late 1960s and early 1970s, deaths in children aged 0 to 4 years accounted for the highest proportion of all deaths in all populations (32% and 37% in Indigenous males and females; 16% and 34% in non-Indigenous males and females, respectively). As the years progressed, the relative contribution of early childhood deaths to total deaths decreased markedly to around 6% of deaths in Indigenous people and less than 5% for non-Indigenous people in 2002-2006.

For the other age groups, the shift in patterns of death, over time, differed between Indigenous and non-Indigenous populations.

- Among the Indigenous population, the proportion of total deaths, by age group, has been increasing among younger adults, particularly for Indigenous males. In 2002-2006 the relative contribution to total deaths among males was highest (10.7%) for those aged 35-39 years. Less than 8% of deaths occurred in the 75 years and over age group. Among Indigenous females, in the same period, the contribution by age group increased through the adult years, with the highest proportion (16%) of total deaths at ages 75 and over.
- The pattern for the NT non-Indigenous population was similar to the general result for Australia, with a small proportion of deaths among young adults and the proportion increasing through middle to late adulthood. The increase occurs earlier in men than women and in both groups rises sharply for those aged 75 years and older. In 2002-2006, 25% and 46% of all deaths among NT non-Indigenous males and females respectively were among people aged 75 and older.

Age-specific death rate

The pattern of age-specific death rates typically have a J-shape mortality curves, initially high in the first 4 years of life before dropping to the very low rates through childhood and gradually increasing thereafter to peak in the oldest age groups.

- In the earliest five years (1967-1971), the age-specific death rates were higher in Indigenous males and females than NT non-Indigenous and Australia for almost all age groups except aged 75 and over. This difference is less pronounced in males due to the higher death rates observed in non-Indigenous and Australian males compared to female.
- In the last five years (2002-2006), there was a general decrease in age-specific death rates of all age groups. However, the rates remained much higher among the Indigenous than non-Indigenous and Australian populations. Mortality in children aged 0 to 4 years showed substantial improvements, with a decrease by 85% among Indigenous males (from 2682 to 411 per 100,000 population) and by 89% among Indigenous females (from 2719 to 310 per 100,000 population).

Age-specific death rate ratio

The age-specific death rate ratio provides a comparison of death rates between NT Indigenous or non-Indigenous males and females, and Australian males and females respectively. Comparing the first five years (1967-1971) and the last five years (2002-2006), we observed that:

- There were no substantial differences between death rates between NT non-Indigenous and Australian females. There was a persisting small excess in most age groups for NT non-Indigenous males.
- Between the two time periods, the death rate ratios for the Indigenous population, for most age groups, increased as the result of the slower rates of improvements in this population. For example, the death rate ratio for Indigenous males and females in the 35-39 years age group was around 5 - 6 times Australian rates during the early years and around 10 – 11 times in the last five years. This increase was consistent across age groups from those aged from 10-14 years through to older adults.
- During both periods, the death rate ratio between NT Indigenous and Australian populations gradually increased from the younger ages to peak at ages 35-39

before declining again in the older age groups. This highlights that the greatest excess in Indigenous mortality occurs in mid-adulthood.

- The death rate ratio for Indigenous children aged 0 to 4 years has improved markedly from 5.3 and 6.9 times the Australian rates, for males and females respectively, to around 3 times in recent years.

Age-specific death rate trends, 1967 to 2006

General

- Overall, death rates were trending downwards for the six age groups in all populations, except Indigenous males aged 15 to 24 and 25 to 44 years.
- Death rates were generally higher in Indigenous Territorians than non-Indigenous or Australians for all age groups. The largest gap in death rates was in the early and mid-adulthood (and the 0 to 4 year age group, in the early years).
- Among non-Indigenous Territorians, death rates were generally similar to Australia, except in two groups; in males aged 15 to 24, the rates were around 1.5 to 2 times higher than Australian males; and, in males and females aged 65 and over where the rates were generally lower.

Selected age groups

- Among the youngest age group of 0 to 4 years, substantial improvements in death rates in Indigenous population were made over four decades, with a decrease of around 87% for both Indigenous males and females. The sharpest decline was observed during the 1970s and early 1980s.
- Among the 5 to 14 years age groups in all populations, death rates declined steadily over forty years.
- Among young (15 to 24 years) and middle aged (25 to 44 years) adults, death rates gradually declined in all population groups, except for Indigenous males for whom rates remained relatively unchanged. The gap in death rates was wider among Indigenous males than females, compared to their non-Indigenous or Australian counterparts, and continued to widen in the past two decades.
- There was a steady and continued decline in death rate for people aged 45 years and over for all population groups over the past four decades.

Age-adjusted death rate by health district

Two five-year periods were selected to compare the change in death rates in NT health districts, 1986-1990 and 2001-2006. The seven health districts were Darwin Urban, Darwin Rural, Katherine and East Arnhem in the Top End (TE) region, and Barkly, Alice Springs Urban and Alice Springs Rural in the Central Australian (CA) region.

Top End and Central Australian regions

- Among Indigenous males, similar death rates were observed in the late 1980s between TE and CA (2,553 and 2,643 per 100,000 respectively). However, in Indigenous females, death rates were slightly higher in the TE than CA region (2,073 versus 1,746 per 100,000).
- Between 1981-1985 and 2000-2006, death rates declined in Indigenous males and females in both regions. The reductions were more pronounced in the TE than CA

(reductions of 27% and 38% in TE Indigenous males and females respectively and 18% and 12% in CA Indigenous males and females respectively).

- For non-Indigenous Territorians in the late 1980s, death rates in CA were higher than the TE in both males and females (1486 and 737 death per 100,000 in CA males and females respectively and 1072 and 537 deaths per 100,000 in TE males and females respectively).
- Over time, improvements were observed for non-Indigenous TE males (reduction by 28%) and CA males and females (reduction by 42% and 26%) but unchanged for TE females. More recently, the non-Indigenous death rates in TE and CA were similar to the corresponding Australian rates.

By health district

- Among Indigenous males, in the late 1980s, the highest death rates were observed in Darwin Rural (4146 per 100,000) and Barkly (3098 per 100,000). At that time Darwin Urban had the lowest death rate (1032 per 100,000). By the early-mid 2000s, reductions in death rates had occurred in all rural districts: Darwin Rural, East Arnhem, Katherine, Barkly and Alice Springs Rural by 52%, 38%, 28%, 23% and 16% respectively. In the urban districts, death rates had increased in Darwin Urban and remained relatively unchanged in Alice Springs Urban.
- Among Indigenous females, a similar pattern to Indigenous males was observed. In the late 1980s, the highest death rates were again seen in Darwin Rural (3024 per 100,000) and the lowest in Darwin Urban (1123 per 100,000). In later years, significant drops were observed in the rural districts of Darwin Rural, East Arnhem, Katherine, Alice Springs Rural and Barkly by 53%, 48%, 34%, 33% and 11% respectively. Deaths rates remained relatively unchanged in the urban districts of Darwin and Alice Springs.
- Among non-Indigenous males and females, in the late 1980s, Barkly had the highest death rates (3045 and 1439 in 100,000 respectively), followed by Darwin Rural (2887 and 1057 per 100,000 respectively). By the early-mid 2000s, death rates had declined in most districts for non-Indigenous males. There was less change among non-Indigenous females.

Statistical tables and graphs

Number of deaths

Table 3 All cause death by sex and Indigenous status, Northern Territory, 1967 to 2006

Year	Males			Females			Total NT
	NT Indigenous	NT non-Indigenous	Total NT males	NT Indigenous	NT non-Indigenous	Total NT females	
1967	164	120	284	157	38	195	479
1968	189	119	308	193	38	231	539
1969	214	110	324	146	46	192	516
1970	214	164	378	200	64	264	642
1971	220	179	399	186	59	245	644
1972	186	181	367	142	58	200	567
1973	180	188	368	135	58	193	561
1974	223	230	453	135	87	222	675
1975	225	191	416	155	68	223	639
1976	232	201	433	173	66	239	672
1977	201	179	380	131	51	182	562
1978	192	167	359	160	67	227	586
1979	195	202	397	149	76	225	622
1980	234	197	431	139	60	199	630
1981	201	202	403	121	79	200	603
1982	169	212	381	126	87	213	594
1983	169	209	378	148	77	225	603
1984	155	212	367	159	75	234	601
1985	214	211	425	159	88	247	672
1986	206	229	435	149	102	251	686
1987	242	271	513	154	105	259	772
1988	215	193	408	175	82	257	665
1989	221	245	466	163	109	272	738
1990	231	307	538	181	94	275	813
1991	200	268	468	194	109	303	771
1992	213	251	464	169	125	294	758
1993	208	270	478	159	117	276	754
1994	224	265	489	177	117	294	783
1995	218	295	513	153	142	295	808
1996	219	285	504	164	137	301	805
1997	216	278	494	193	140	333	827
1998	228	278	506	186	150	336	842
1999	250	278	528	188	138	326	854
2000	237	321	558	191	127	318	876
2001	250	276	526	180	148	328	854
2002	269	289	558	201	144	345	903
2003	255	280	535	162	155	317	852
2004	254	299	553	181	135	316	869
2005	275	343	618	215	159	374	992
2006	269	323	592	178	162	340	932
Total	8677	9318	17995	6627	3939	10566	28561

Life expectancy at birth (males)

Figure 2 Life expectancy at birth for males, by Indigenous status, Northern Territory and Australia, 1967 to 2006

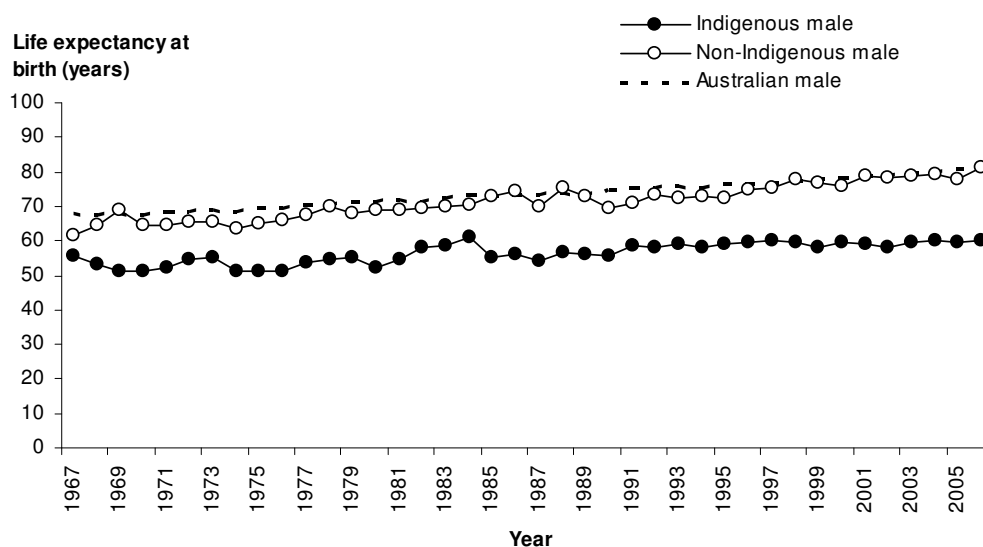


Table 4 Life expectancy at birth for males, by Indigenous status, five year periods, Northern Territory, 1967 to 2006

Years	NT Indigenous male	NT non-Indigenous male	Australia male
1967-1970	52.5	64.7	67.6
1971-1975	52.6	64.7	68.7
1976-1980	53.3	67.9	70.6
1981-1985	57.4	70.4	72.3
1986-1990	55.6	71.9	73.8
1991-1995	58.5	72.3	75.6
1996-2000	59.3	75.9	77.3
2001-2005	59.3	78.5	79.6
2006	60.2	81.2	80.7

Life expectancy at birth (females)

Figure 3 Life expectancy at birth for females, by Indigenous status, Northern Territory and Australia, 1967 to 2006

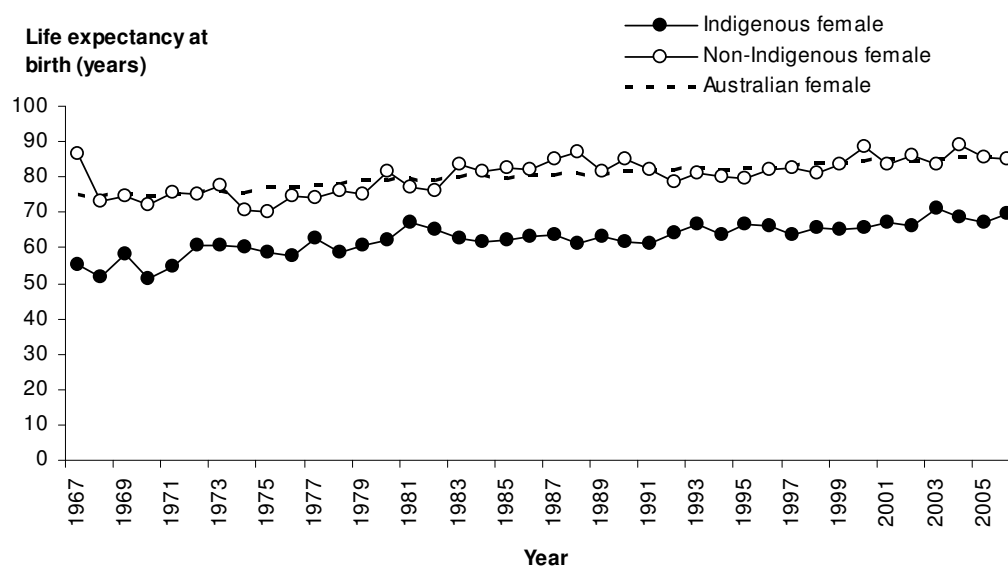


Table 5 Life expectancy at birth for females by Indigenous status, five year periods, Northern Territory, 1967 to 2006

Years	NT Indigenous female	NT non-Indigenous female	Australia female
1967-1970	53.9	72.6	74.7
1971-1975	58.5	73.3	76.0
1976-1980	60.2	76.2	78.2
1981-1985	63.2	79.9	79.7
1986-1990	62.6	84.1	80.9
1991-1995	64.2	80.2	82.3
1996-2000	65.2	83.5	83.6
2001-2005	67.9	85.3	85.2
2006	69.8	85.0	85.7

Age-adjusted death rate (males)

Figure 4 All cause age-adjusted death rate, males, by Indigenous status, Northern Territory and Australia, 1967 to 2006

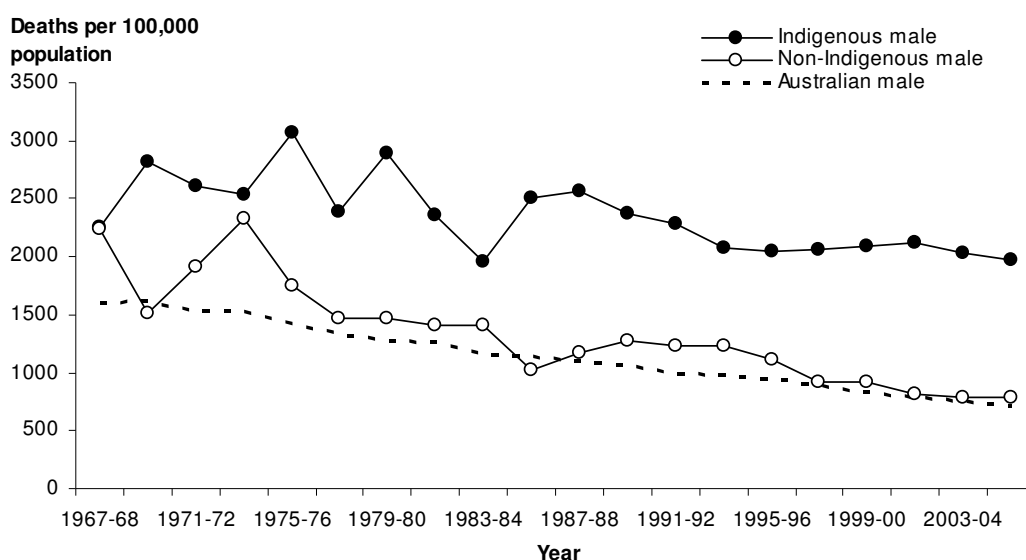


Table 6 All cause age-adjusted death rate, males, by Indigenous status, five year periods, Northern Territory and Australia, 1967 to 2006

Year	NT Indigenous			NT non-Indigenous			Australia	
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)
1967-1970	781	2538.4 (2315.2-2761.7)	1.58	513	1805.7 (1554.0-2057.4)	1.12	241083	1607.8 (1601.2-1614.3)
1971-1975	1034	2662.6 (2468.3-2856.9)	1.77	969	2084.3 (1836.0-2332.6)	1.39	308810	1502.5 (1497.1-1508)
1976-1980	1054	2736.9 (2542.7-2931.1)	2.06	946	1490 (1319.2-1660.9)	1.12	302901	1331.2 (1326.3-1336.1)
1981-1985	908	2227.3 (2055.4-2399.2)	1.86	1046	1320.7 (1192.1-1449.3)	1.10	308016	1200.1 (1195.8-1204.4)
1986-1990	1115	2468.6 (2297.1-2640.0)	2.27	1245	1179.7 (1082.4-1277.1)	1.08	322115	1088.9 (1085.1-1092.6)
1991-1995	1063	2134.1 (1977.9-2290.4)	2.18	1349	1221.5 (1133.8-1309.2)	1.25	327980	980.4 (977-983.7)
1996-2000	1150	2078.3 (1930.4-2226.2)	2.37	1440	942.5 (881.3-1003.7)	1.08	337007	875.3 (872.4-878.2)
2001-2005	1303	2049.3 (1904.5-2194.2)	2.69	1487	808.7 (760.2-857.3)	1.06	339472	761.2 (758.7-763.7)
2006	269	1971.9 (1662.5-2281.3)	2.77	323	722.4 (630.4-814.4)	1.01	68793	712.7 (707.5-717.9)

Notes:

1) The rate ratio represents the ratio of the NT to Australian age-adjusted death rate

Age-adjusted death rate (females)

Figure 5 All cause age-adjusted death rate, females, by Indigenous status, Northern Territory and Australia, 1967 to 2006

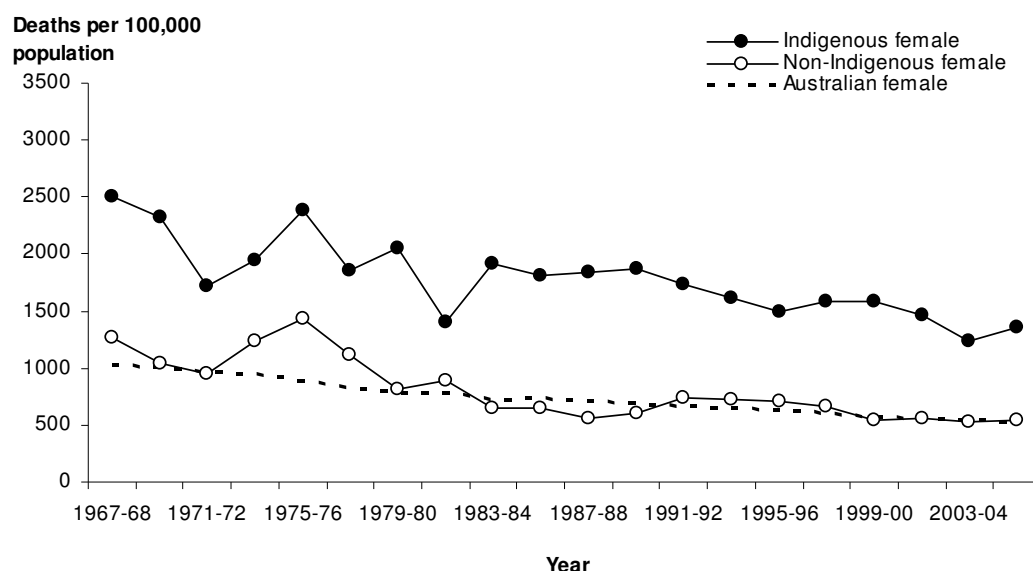


Table 7 All cause age-adjusted death rate, females, by Indigenous status, five year periods, Northern Territory and Australia, 1967 to 2006

Year	NT Indigenous			NT non-Indigenous			Australia	
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)
1967-1970	696	2409.2 (2170.1-2648.2)	2.37	186	1152.3 (853.7-1450.8)	1.13	190711	1017.5 (1013-1022)
1971-1975	753	1919.0 (1743.3-2094.7)	2.03	330	1200.8 (965.9-1435.6)	1.27	247268	944.6 (940.9-948.2)
1976-1980	752	2081.6 (1905.8-2257.4)	2.52	320	920.5 (739.5-1101.5)	1.12	242237	825.3 (822.1-828.6)
1981-1985	713	1700.6 (1551.9-1849.3)	2.25	406	732.8 (632.7-832.9)	0.97	253573	755.8 (753-758.7)
1986-1990	822	1839.1 (1693.4-1984.8)	2.61	492	598.1 (531.9-664.3)	0.85	273646	703.4 (700.8-706)
1991-1995	852	1635.1 (1509.2-1761.1)	2.53	610	739.2 (670.9-807.5)	1.14	286716	647.6 (645.2-649.9)
1996-2000	922	1571.0 (1455.1-1686.9)	2.63	692	610.6 (559.5-661.7)	1.02	304608	598.1 (596-600.2)
2001-2005	939	1366.4 (1263.4-1469.3)	2.50	741	539.9 (497.5-582.2)	0.99	318145	546.7 (544.9-548.6)
2006	178	1276.8 (1060.3-1493.3)	2.42	162	548.9 (459.1-638.7)	1.04	65479	528.0 (524.1-532)

Notes:

1) The rate ratio represents the ratio of the NT to Australian age-adjusted death rate

Age contribution to total deaths (males)

Figure 6 Contribution to all cause death by age group (percent), males, by Indigenous status, Northern Territory, 1967 to 1971 and 2002 to 2006

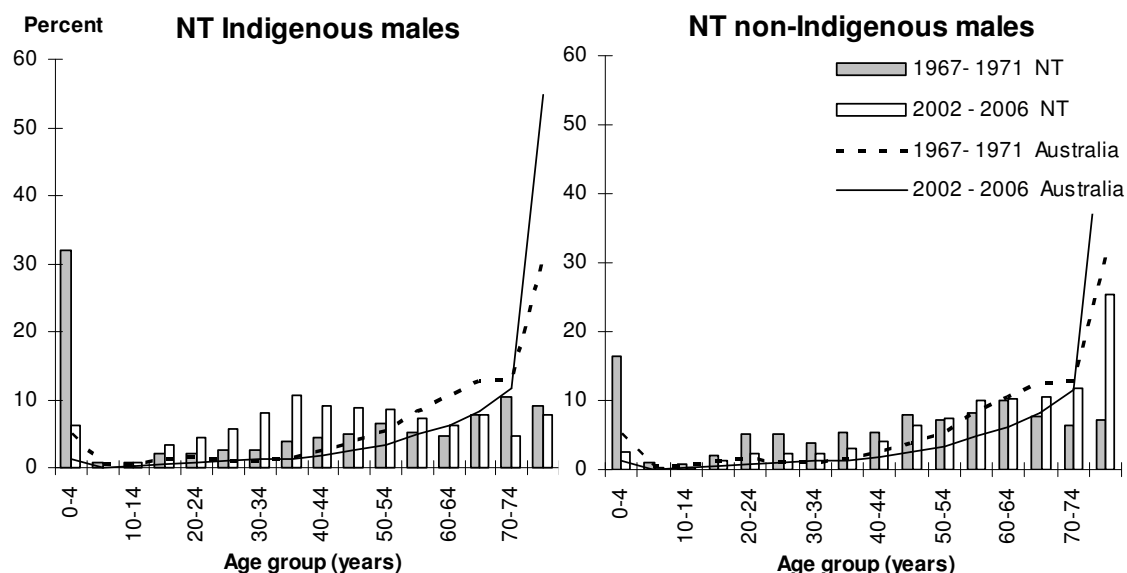


Table 8 Contribution to all cause death by age group (percent), males, by Indigenous status, Northern Territory, 1967 to 1971 and 2002 to 2006

Age Group (years)	NT Indigenous male		NT non-Indigenous male		Australia male	
	1967 to 1971	2002 to 2006	1967 to 1971	2002 to 2006	1967 to 1971	2002 to 2006
0-4	32.1	6.1	16.3	2.5	5.0	1.2
5-9	0.8	0.1	1.0	0.2	0.5	0.1
10-14	0.8	0.8	0.9	0.2	0.4	0.1
15-19	2.0	3.4	2.2	1.2	1.3	0.6
20-24	2.2	4.5	5.1	2.3	1.6	0.9
25-29	2.6	5.7	5.1	2.3	1.1	1.0
30-34	2.6	8.1	3.9	2.3	1.0	1.2
35-39	3.9	10.7	5.5	3.1	1.5	1.3
40-44	4.3	9.0	5.3	4.0	2.5	1.9
45-49	5.0	8.9	7.9	6.4	3.9	2.6
50-54	6.4	8.6	7.2	7.4	5.5	3.4
55-59	5.1	7.3	8.2	10.0	8.3	4.9
60-64	4.7	6.4	10.0	10.4	10.6	6.2
65-69	7.9	7.9	7.8	10.6	12.6	8.2
70-74	10.5	4.8	6.4	11.7	12.9	11.6
75+	9.2	7.9	7.2	25.4	31.2	54.8

Age contribution to total deaths (females)

Figure 7 Contribution to all cause death by age group (percent), females, by Indigenous status, Northern Territory, 1967 to 1971 and 2002 to 2006

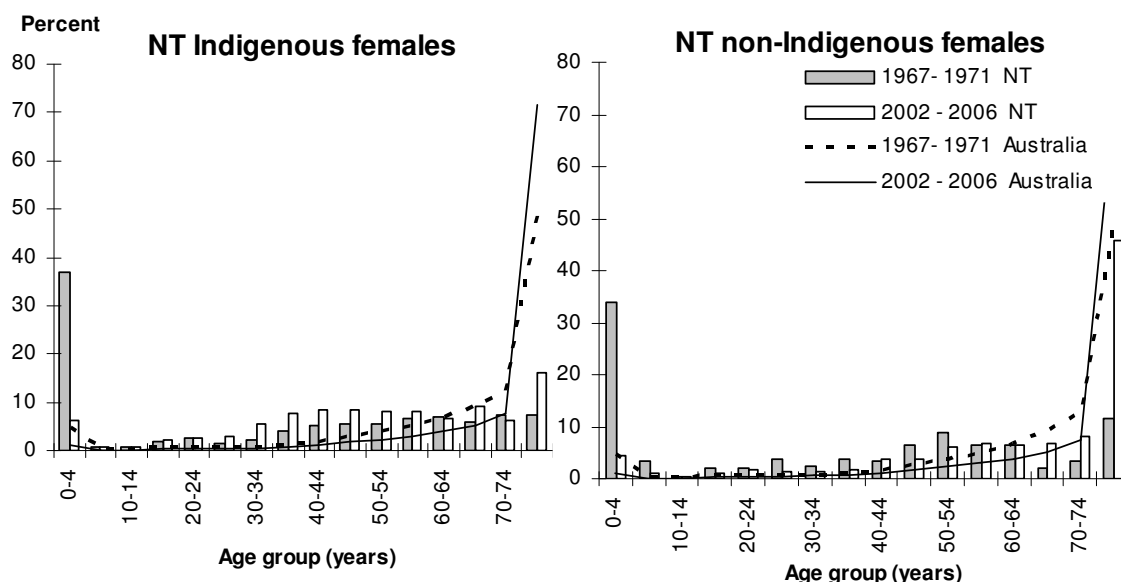


Table 9 Contribution to all cause death by age group (percent), females, by Indigenous status, Northern Territory, 1967 to 1971 and 2002 to 2006

Age Group (years)	NT Indigenous female		NT non-Indigenous female		Australia female	
	1967 to 1971	2002 to 2006	1967 to 1971	2002 to 2006	1967 to 1971	2002 to 2006
0-4	36.8	6.2	33.9	4.4	4.7	1.0
5-9	0.8	0.7	3.3	0.9	0.4	0.1
10-14	0.6	0.9	0.4	0.3	0.3	0.1
15-19	1.8	2.0	2.0	1.1	0.6	0.3
20-24	2.4	2.7	2.0	1.9	0.6	0.3
25-29	1.5	3.1	3.7	1.2	0.6	0.4
30-34	2.3	5.4	2.4	1.2	0.7	0.5
35-39	3.9	7.6	3.7	1.7	1.1	0.7
40-44	5.1	8.4	3.3	3.6	1.8	1.2
45-49	5.3	8.4	6.5	3.8	2.8	1.7
50-54	5.6	8.1	9.0	6.1	3.9	2.3
55-59	6.5	8.1	6.5	6.6	5.2	3.1
60-64	6.9	6.7	6.5	6.5	6.8	3.9
65-69	6.0	9.3	2.0	6.8	9.0	5.1
70-74	7.5	6.1	3.3	8.2	12.5	7.6
75+	7.1	16.2	11.4	45.8	48.9	71.7

Age-specific death rate (males)

Figure 8 All cause age-specific death rate, males, by Indigenous status, Northern Territory and Australia, 1967 to 1971 and 2002 to 2006

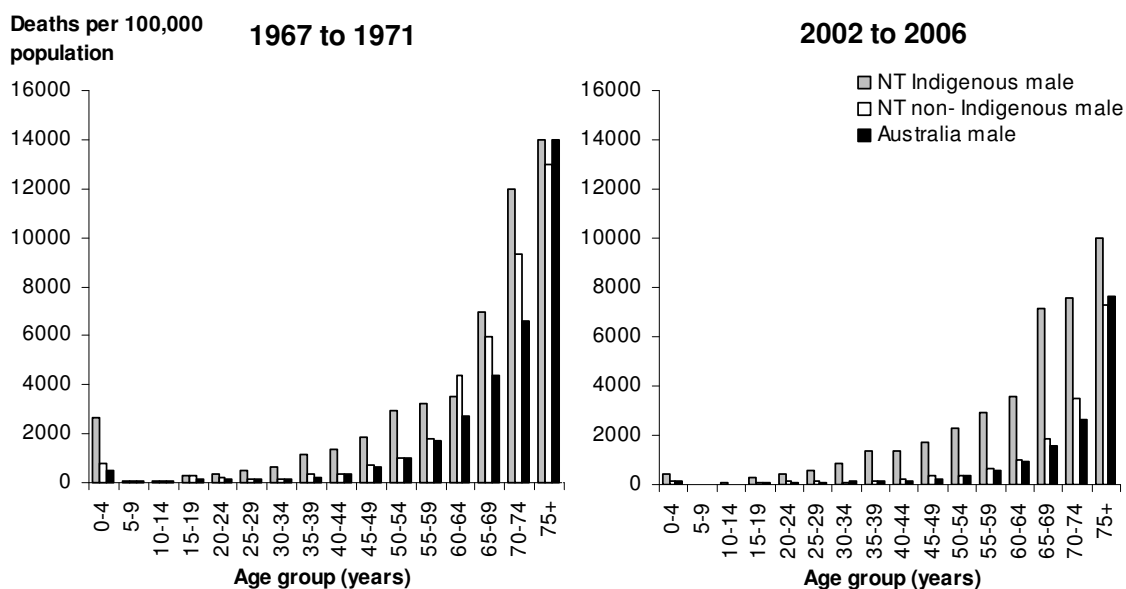


Table 10 All cause age-specific death rate, males, by Indigenous status, Northern Territory and Australia, 1967 to 1971 and 2002 to 2006

Age group (years)	1967 to 1971			2002 to 2006		
	NT Indigenous male	NT non-Indigenous male	Australia male	NT Indigenous male	NT non-Indigenous male	Australia male
0-4	2681.7	766.7	503.5	411.0	151.8	127.0
5-9	78.5	61.5	46.3	5.3	11.9	12.6
10-14	92.3	75.4	44.9	61.7	11.9	13.3
15-19	277.7	252.2	144.0	277.6	85.2	54.3
20-24	380.8	187.4	178.5	415.1	123.8	84.4
25-29	532.1	168.1	145.2	588.2	109.6	94.0
30-34	626.4	173.0	159.1	880.2	104.7	108.1
35-39	1134.1	348.2	233.1	1327.8	140.6	122.9
40-44	1374.7	371.3	366.8	1361.2	180.6	169.1
45-49	1879.7	747.2	619.3	1695.4	322.1	246.6
50-54	2906.4	986.8	1027.9	2304.0	387.6	352.6
55-59	3201.5	1762.0	1710.9	2924.3	645.0	556.6
60-64	3544.5	4345.1	2739.7	3595.9	1010.0	925.6
65-69	6960.4	5973.5	4347.8	7118.4	1842.2	1539.6
70-74	12000.0	9341.8	6585.8	7590.4	3519.8	2615.2
75+	14000.0	13000.0	14000.0	10000.0	7306.5	7650.7

Age-specific death rate (females)

Figure 9 All cause age-specific death rate, females, by Indigenous status, Northern Territory and Australia, 1967 to 1971 and 2002 to 2006

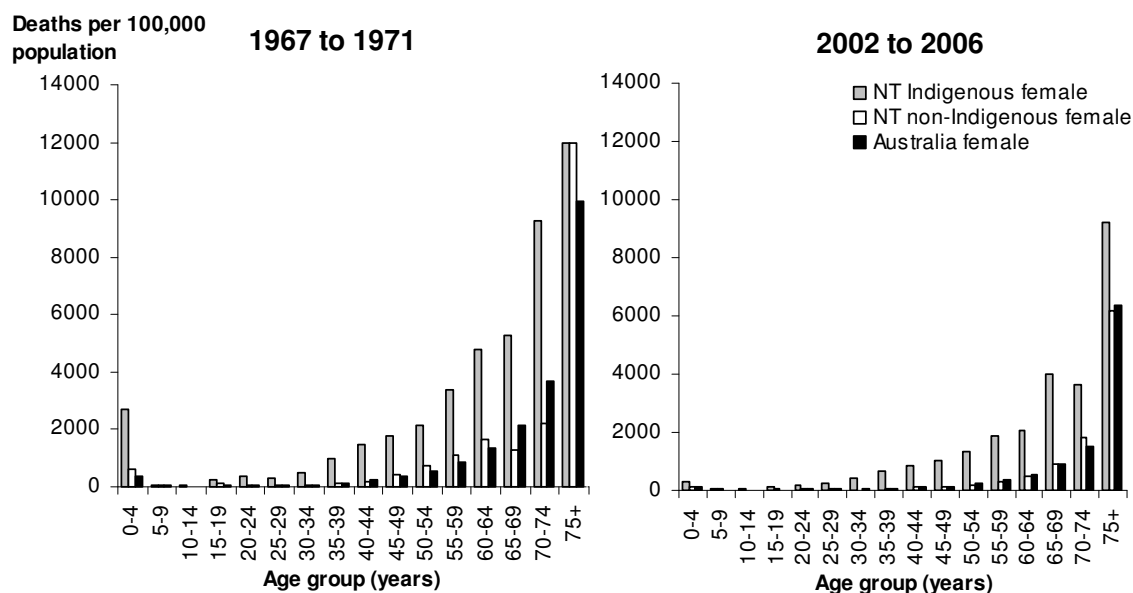


Table 11 All cause age-specific death rate, females, by Indigenous status, Northern Territory and Australia, 1967 to 1971 and 2002 to 2006

Age group (years)	1967 to 1971			2002 to 2006		
	NT Indigenous female	NT non-Indigenous female	Australia female	NT Indigenous female	NT non-Indigenous female	Australia female
0-4	2719.0	604.4	395.7	310.0	136.0	104.4
5-9	69.1	77.0	34.0	39.2	30.6	9.3
10-14	59.7	14.1	25.8	47.5	8.6	9.5
15-19	230.0	96.4	58.4	120.1	39.0	26.1
20-24	393.6	34.8	58.3	168.5	56.6	30.6
25-29	300.1	67.0	66.5	212.8	30.6	35.0
30-34	508.8	67.4	90.0	397.6	27.6	44.0
35-39	972.8	147.3	144.7	638.3	43.3	64.5
40-44	1458.2	161.8	229.9	866.5	91.5	95.9
45-49	1758.3	428.3	366.2	1039.9	106.2	150.5
50-54	2151.0	766.0	575.8	1320.4	188.8	219.6
55-59	3398.9	1101.2	855.4	1871.5	285.4	338.1
60-64	4814.5	1632.7	1338.3	2058.2	470.0	553.4
65-69	5263.2	1292.0	2159.3	4022.2	910.6	880.9
70-74	9269.7	2234.6	3666.0	3619.0	1800.8	1485.9
75+	12000.0	12000.0	9944.8	9240.1	6153.3	6352.1

Age-specific death rate ratio

Figure 10 Ratio of the Northern Territory to Australian age-specific death rates, by sex and Indigenous status, 1967 to 1971 and 2002 to 2006

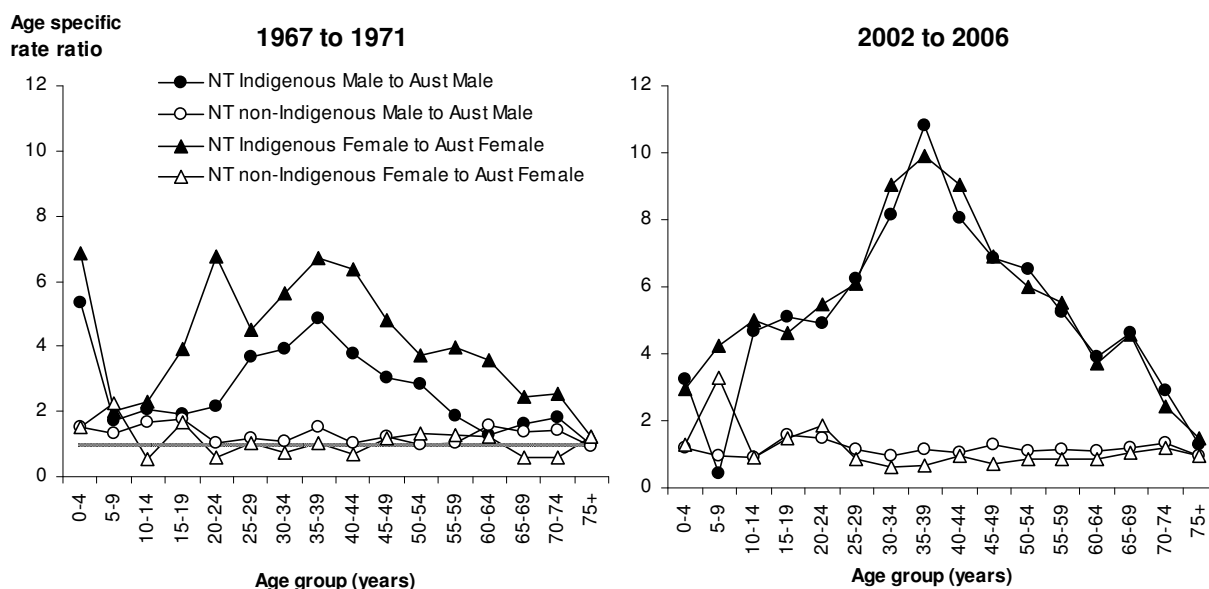


Table 12 Ratio of the Northern Territory to Australian age-specific death rates, by sex and Indigenous status, 1967 to 1971 and 2002 to 2006

Age Group (years)	1967 to 1971				2002 to 2006			
	NT Indigenous to Australia	NT non-Indigenous to Australia	NT Indigenous to Australia	NT non-Indigenous to Australia	NT Indigenous to Australia	NT non-Indigenous to Australia	NT Indigenous to Australia	NT non-Indigenous to Australia
0-4	5.3	1.5	6.9	1.5	3.2	1.2	3.0	1.3
5-9	1.7	1.3	2.0	2.3	0.4	0.9	4.2	3.3
10-14	2.1	1.7	2.3	0.5	4.7	0.9	5.0	0.9
15-19	1.9	1.8	3.9	1.7	5.1	1.6	4.6	1.5
20-24	2.1	1.0	6.8	0.6	4.9	1.5	5.5	1.8
25-29	3.7	1.2	4.5	1.0	6.3	1.2	6.1	0.9
30-34	3.9	1.1	5.7	0.7	8.1	1.0	9.0	0.6
35-39	4.9	1.5	6.7	1.0	10.8	1.1	9.9	0.7
40-44	3.7	1.0	6.3	0.7	8.0	1.1	9.0	1.0
45-49	3.0	1.2	4.8	1.2	6.9	1.3	6.9	0.7
50-54	2.8	1.0	3.7	1.3	6.5	1.1	6.0	0.9
55-59	1.9	1.0	4.0	1.3	5.3	1.2	5.5	0.8
60-64	1.3	1.6	3.6	1.2	3.9	1.1	3.7	0.8
65-69	1.6	1.4	2.4	0.6	4.6	1.2	4.6	1.0
70-74	1.8	1.4	2.5	0.6	2.9	1.3	2.4	1.2
75+	1.0	0.9	1.2	1.2	1.3	1.0	1.5	1.0

Age-specific death rate - 0 to 4 years

Figure 11 All cause age-specific death rate, 0 to 4 years, by sex and Indigenous status, Northern Territory and Australia, 1967 to 2006

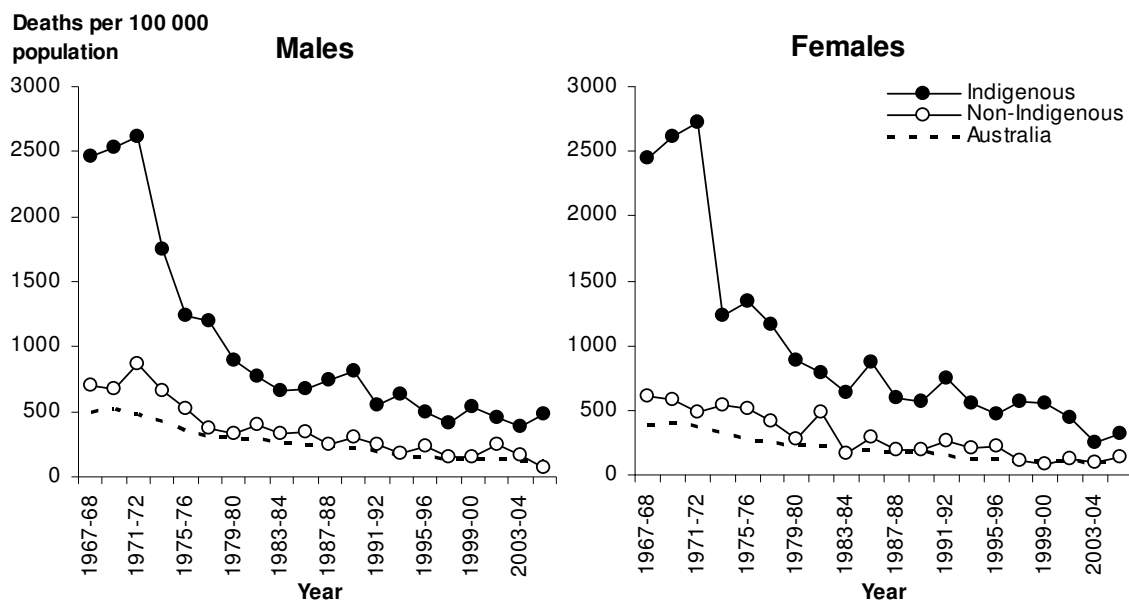


Table 13 All cause age-specific death rate, males aged 0 to 4 years, by Indigenous status, five year periods, Northern Territory and Australia, 1967 to 2006

Years	NT Indigenous male		NT non-Indigenous male		Australia male	
	No.	Rate (95%CI)	No.	Rate (95%CI)	No.	Rate (95%CI)
1967-1970	236	2501.9 (2202.2-2842.3)	76	687.7 (549.2-861.0)	12047	506.3 (497.3-515.4)
1971-1975	260	1953.0 (1729.5-2205.4)	139	685.3 (580.3-809.2)	14328	437.9 (430.8-445.1)
1976-1980	157	1099.8 (940.6-1286.0)	83	406.7 (328.0-504.3)	9495	316.1 (309.8-322.6)
1981-1985	101	688.3 (566.3-836.5)	86	383.5 (310.4-473.8)	8137	271.6 (265.7-277.5)
1986-1990	124	771.9 (647.3-920.5)	68	267.7 (211.0-339.5)	7254	229.9 (224.7-235.3)
1991-1995	100	564.8 (464.3-687.1)	62	236.4 (184.3-303.3)	5714	172.8 (168.4-177.3)
1996-2000	87	481.1 (389.9-593.6)	41	148.9 (109.6-202.2)	4736	143.2 (139.2-147.3)
2001-2005	88	457.7 (371.4-564.0)	48	183.7 (138.4-243.8)	4237	129.2 (125.4-133.1)
2006	14	351.6 (208.2-593.6)	2	39.5 (9.9-158.0)	844	125.5 (117.3-134.3)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Age-specific death rate - 0 to 4 years

Table 14 All cause age-specific death rate, females aged 0 to 4 years, by Indigenous status, five year periods, Northern Territory and Australia, 1967 to 2006

Years	NT Indigenous female		NT non-Indigenous female		Australia female	
	No.	Rate (95%CI)	No.	Rate (95%CI)	No.	Rate (95%CI)
1967-1970	239	2526.7 (2225.8-2868.2)	60	588.1 (456.6-757.5)	8907	393.5 (385.4-401.7)
1971-1975	241	1866.5 (1645.1-2117.7)	92	496.7 (404.9-609.4)	10501	335.3 (328.9-341.7)
1976-1980	143	1051.4 (892.5-1238.6)	68	386.3 (304.6-490)	7091	247.3 (241.7-253.2)
1981-1985	110	776.5 (644.1-936)	71	332.1 (263.2-419.1)	6032	211.5 (206.2-216.9)
1986-1990	92	606.3 (494.3-743.8)	47	192.1 (144.4-255.7)	5378	179.0 (174.3-183.9)
1991-1995	93	585.5 (477.8-717.4)	62	240.4 (187.4-308.3)	4241	135.1 (131.1-139.2)
1996-2000	94	562.0 (459.1-687.9)	29	110.6 (76.8-159.1)	3587	114.3 (110.6-118.1)
2001-2005	62	339.1 (264.3-434.9)	30	121.8 (85.1-174.2)	3260	104.7 (101.1-108.3)
2006	12	316.5 (179.7-557.2)	6	123.6 (55.5-275.1)	645	101.2 (93.6-109.3)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Age-specific death rate - 5 to 14 years

Figure 12 All cause age-specific death rate, 5 to 14 years, by sex and Indigenous status, Northern Territory and Australia, 1967 to 2006

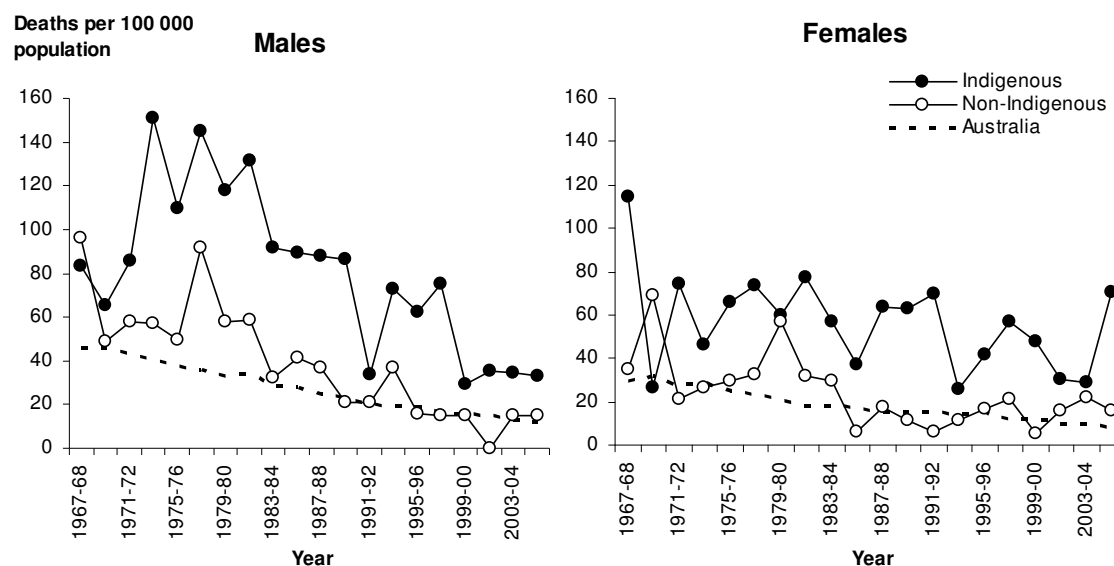


Table 15 All cause age-specific death rate, males aged 5 to 14 years, by Indigenous status, five year periods, Northern Territory and Australia, 1967 to 2006

Years	NT Indigenous male		NT non-Indigenous male		Australia male	
	No.	Rate (95%CI)	No.	Rate (95%CI)	No.	Rate (95%CI)
1967-1970	11	74.1 (41.0-133.8)	10	69.2 (37.2-128.6)	2212	45.7 (43.8-47.6)
1971-1975	27	127.0 (87.1-185.2)	14	49.3 (29.2-83.3)	2640	40.9 (39.3-42.5)
1976-1980	29	118.7 (82.5-170.8)	27	74.7 (51.3-109)	2305	35.0 (33.6-36.5)
1981-1985	30	110.6 (77.4-158.2)	20	44.4 (28.7-68.8)	2020	30.8 (29.5-32.1)
1986-1990	24	83.9 (56.3-125.2)	15	31.6 (19.1-52.4)	1573	24.7 (23.5-26.0)
1991-1995	17	55.8 (34.7-89.8)	12	25.4 (14.4-44.8)	1276	19.5 (18.5-20.6)
1996-2000	18	53.7 (33.8-85.2)	8	15.9 (7.9-31.7)	1140	16.8 (15.9-17.8)
2001-2005	10	27.5 (14.8-51.1)	4	7.9 (3.0-21.0)	949	13.6 (12.7-14.5)
2006	5	66.3 (27.6-159.2)	2	20.1 (5.0-80.3)	167	11.9 (10.2-13.8)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Age-specific death rate - 5 to 14 years

Table 16 All cause age-specific death rate, females aged 5 to 14 years, by Indigenous status, five year periods, Northern Territory and Australia, 1967 to 2006

Years	NT Indigenous female		NT non-Indigenous female		Australia female	
	No.	Rate (95%CI)	No.	Rate (95%CI)	No.	Rate (95%CI)
1967-1970	10	68.8 (37.0-127.9)	7	53.8 (25.6-112.8)	1425	30.9 (29.3-32.6)
1971-1975	13	61.4 (35.7-105.8)	6	23.5 (10.5-52.2)	1687	27.5 (26.2-28.9)
1976-1980	16	66.2 (40.6-108.1)	14	44.2 (26.2-74.6)	1447	23.1 (21.9-24.3)
1981-1985	15	57.4 (34.6-95.2)	10	24.3 (13.1-45.2)	1136	18.1 (17.1-19.2)
1986-1990	17	61.8 (38.4-99.5)	6	14.0 (6.3-31.2)	955	15.8 (14.8-16.8)
1991-1995	13	44.6 (25.9-76.8)	4	9.1 (3.4-24.3)	929	15.0 (14.0-16.0)
1996-2000	16	51.8 (31.7-84.5)	7	14.7 (7.0-30.9)	815	12.6 (11.8-13.5)
2001-2005	14	41.2 (24.4-69.6)	9	19.4 (10.1-37.2)	636	9.6 (8.9-10.4)
2006	4	56.3 (21.1-149.9)	1	10.8 (1.5-77.0)	113	8.5 (7.0-10.2)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Age-specific death rate - 15 to 24 years

Figure 13 All cause age-specific death rate, 15 to 24 years, by sex and Indigenous status, Northern Territory and Australia, 1967 to 2006

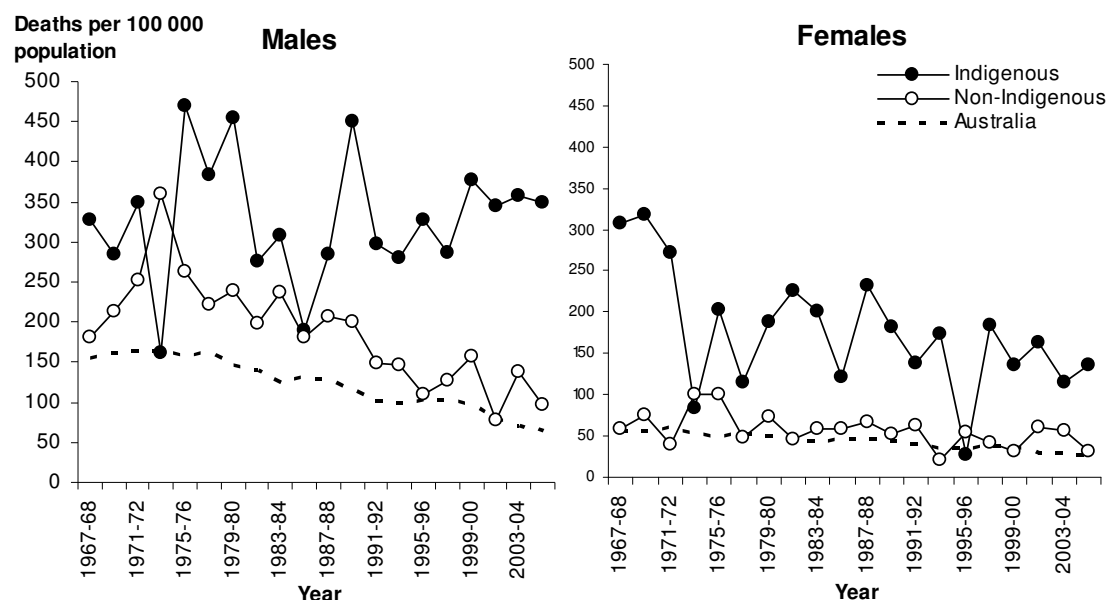


Table 17 All cause age-specific death rate, males aged 15 to 24 years, by Indigenous status, five year periods, Northern Territory and Australia, 1967 to 2006

Years	NT Indigenous male		NT non-Indigenous male		Australia male	
	No.	Rate (95%CI)	No.	Rate (95%CI)	No.	Rate (95%CI)
1967-1970	31	304.8 (214.4-433.5)	37	198.2 (143.6-273.5)	6742	158.2 (154.5-162.0)
1971-1975	44	291.0 (216.6-391.1)	97	304.1 (249.2-371.1)	9671	163.1 (159.8-166.3)
1976-1980	78	435.8 (349.1-544.1)	82	233.5 (188.0-289.9)	9893	154.9 (151.9-158.0)
1981-1985	58	278.4 (215.2-360.1)	90	196.1 (159.5-241.1)	8955	133.8 (131.1-136.6)
1986-1990	79	328.6 (263.6-409.7)	111	211.7 (175.8-255.0)	8570	123.3 (120.8-126.0)
1991-1995	83	311.6 (251.3-386.4)	75	146.8 (117.1-184.1)	6993	100.4 (98.1-102.8)
1996-2000	89	316.4 (257.0-389.5)	68	128.2 (101.1-162.6)	6768	101.1 (98.7-103.5)
2001-2005	108	362.2 (299.9-437.3)	52	103.2 (78.6-135.4)	5107	73.1 (71.1-75.1)
2006	19	298.4 (190.3-467.8)	11	104.4 (57.8-188.6)	966	65.5 (61.5-69.8)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Age-specific death rate - 15 to 24 years

Table 18 All cause age-specific death rate, females aged 15 to 24 years, by Indigenous status, five year periods, Northern Territory and Australia, 1967 to 2006

Years	NT Indigenous female		NT non-Indigenous female		Australia female	
	No.	Rate (95%CI)	No.	Rate (95%CI)	No.	Rate (95%CI)
1967-1970	30	313.0 (218.8-447.6)	10	67.6 (36.4-125.6)	2302	56.5 (54.2-58.8)
1971-1975	26	177.6 (121.0-260.9)	21	77.9 (50.8-119.5)	3165	55.2 (53.4-57.2)
1976-1980	29	164.2 (114.1-236.3)	21	67.2 (43.8-103)	3153	51.1 (49.3-52.9)
1981-1985	40	191.0 (140.1-260.3)	22	52.4 (34.5-79.6)	2886	44.7 (43.1-46.4)
1986-1990	46	192.4 (144.1-256.9)	29	59.7 (41.5-86.0)	2976	44.5 (42.9-46.1)
1991-1995	34	131.3 (93.8-183.7)	22	46.1 (30.4-70.0)	2472	36.9 (35.5-38.4)
1996-2000	36	132.0 (95.2-183.0)	18	38.7 (24.4-61.4)	2352	36.5 (35.0-38.0)
2001-2005	40	133.3 (97.8-181.8)	25	55.6 (37.6-82.3)	1913	28.4 (27.2-29.7)
2006	10	159.0 (85.5-295.5)	2	21.3 (5.3-85.0)	406	28.7 (26.1-31.7)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Age-specific death rate - 25 to 44 years

Figure 14 All cause age-specific death rate, 25 to 44 years, by sex and Indigenous status, Northern Territory and Australia, 1967 to 2006

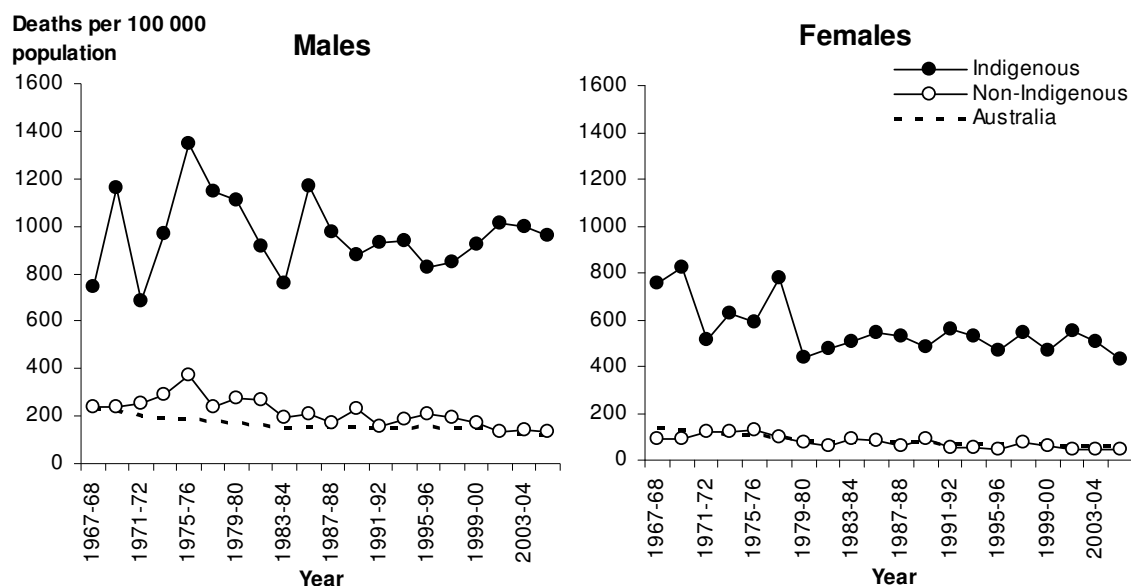


Table 19 All cause age-specific death rate, males 25 to 44 years, by Indigenous status, five year periods, Northern Territory and Australia, 1967 to 2006

Years	NT Indigenous male		NT non-Indigenous male		Australia male	
	No.	Rate (95%CI)	No.	Rate (95%CI)	No.	Rate (95%CI)
1967-1970	118	955.5 (797.8-1144.5)	105	241.0 (199.0-291.8)	14642	229.3 (225.6-233)
1971-1975	165	965.5 (828.9-1124.6)	223	298.3 (261.6-340.1)	17948	197.9 (195.0-200.8)
1976-1980	226	1146.2 (1006.1-1305.8)	236	275.7 (242.6-313.2)	17830	177.2 (174.6-179.8)
1981-1985	219	939.1 (822.6-1072.1)	240	218.7 (192.7-248.2)	17938	156.0 (153.7-158.3)
1986-1990	260	940.3 (832.7-1061.8)	267	206.4 (183.0-232.7)	20467	157.3 (155.2-159.5)
1991-1995	296	901.5 (804.4-1010.2)	236	179.4 (157.9-203.8)	20896	151.3 (149.3-153.4)
1996-2000	337	879.9 (790.8-979.1)	258	186.1 (164.7-210.2)	21720	151.3 (149.3-153.3)
2001-2005	435	999.9 (910.2-1098.4)	189	140.5 (121.9-162.1)	18721	128.0 (126.2-129.9)
2006	86	945.0 (764.9-1167.3)	32	120.5 (85.2-170.4)	3421	115.3 (111.5-119.2)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Age-specific death rate - 25 to 44 years

Table 20 All cause age-specific death rate, females 25 to 44 years, by Indigenous status, five year periods, Northern Territory and Australia, 1967 to 2006

Years	NT Indigenous female		NT non-Indigenous female		Australia female	
	No.	Rate (95%CI)	No.	Rate (95%CI)	No.	Rate (95%CI)
1967-1970	93	789.2 (644.1-967.1)	23	91.5 (60.8-137.6)	7978	133.4 (130.5-136.4)
1971-1975	96	593.2 (485.7-724.6)	63	127.6 (99.7-163.4)	9599	112.6 (110.3-114.8)
1976-1980	111	584.5 (485.3-704)	57	89.7 (69.2-116.3)	8889	92.0 (90.1-93.9)
1981-1985	114	497.2 (413.8-597.4)	70	78.1 (61.8-98.7)	8694	77.9 (76.3-79.6)
1986-1990	144	515.2 (437.6-606.6)	85	75.7 (61.2-93.6)	9450	74.0 (72.5-75.5)
1991-1995	182	537.1 (464.5-621.1)	58	49.6 (38.3-64.1)	9562	69.5 (68.1-70.9)
1996-2000	195	491.5 (427.1-565.6)	82	65.8 (53.0-81.7)	10047	69.5 (68.1-70.9)
2001-2005	245	536.9 (473.7-608.5)	61	49.9 (38.9-64.2)	9184	62.2 (60.9-63.4)
2006	29	299.2 (207.9-430.5)	5	20.5 (8.5-49.2)	1707	57.2 (54.6-60.0)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Age-specific death rate - 45 to 64 years

Figure 15 All cause age-specific death rate, 45 to 64 years, by sex and Indigenous status, Northern Territory and Australia, 1967 to 2006

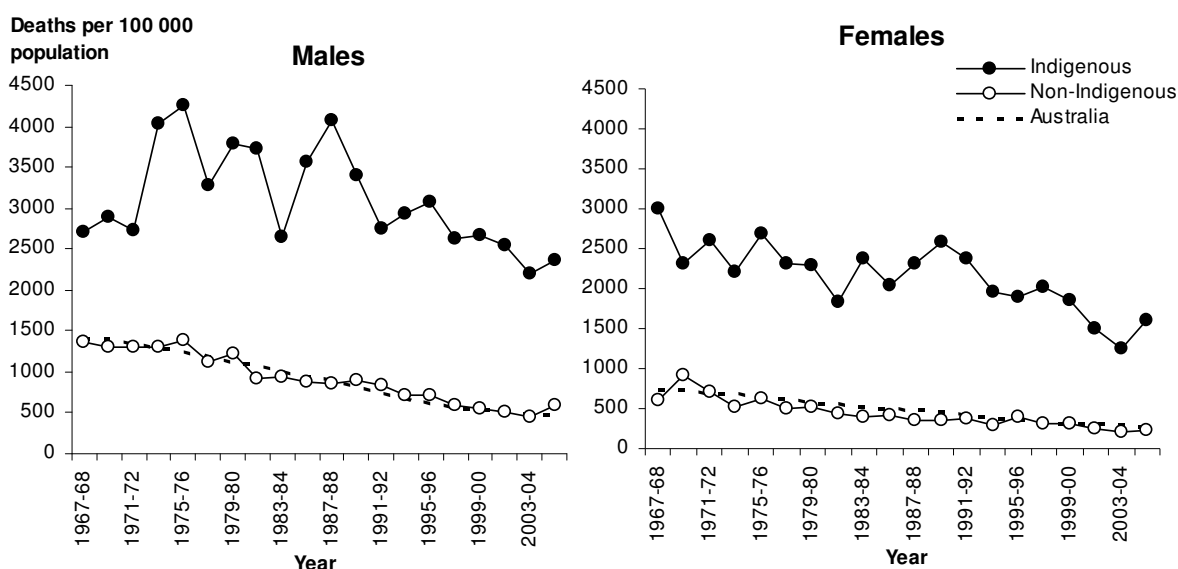


Table 21 All cause age-specific death rate, males aged 45 to 64 years, by Indigenous status, five year periods, Northern Territory and Australia, 1967 to 2006

Years	NT Indigenous male		NT non-Indigenous male		Australia male	
	No.	Rate (95%CI)	No.	Rate (95%CI)	No.	Rate (95%CI)
1967-1970	173	2803.9 (2415.7-3254.4)	174	1335.5 (1151.1-1549.4)	68546	1407.7 (1397.2-1418.3)
1971-1975	289	3533.0 (3148.3-3964.7)	318	1333.9 (1195.1-1488.9)	87943	1303.8 (1295.2-1312.4)
1976-1980	317	3700.7 (3314.9-4131.3)	338	1202.5 (1080.9-1337.7)	82297	1161.4 (1153.5-1169.3)
1981-1985	297	3228.3 (2881.2-3617.1)	333	929.9 (835.2-1035.4)	75363	1019.2 (1011.9-1026.5)
1986-1990	379	3720.1 (3363.8-4114.1)	418	862.0 (783.2-948.8)	69073	864.8 (858.3-871.2)
1991-1995	338	2930.0 (2633.7-3259.6)	467	767.4 (700.9-840.3)	61213	682.8 (677.4-688.3)
1996-2000	371	2689.0 (2428.8-2977)	468	588.5 (537.5-644.3)	57385	554.9 (550.4-559.5)
2001-2005	396	2355.7 (2134.8-2599.6)	495	515.6 (472.2-563.1)	58094	490.1 (486.1-494.1)
2006	91	2385.9 (1942.8-2930.2)	118	555.7 (463.9-665.6)	11761	461.5 (453.2-469.9)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Age-specific death rate - 45 to 64 years

Table 22 All cause age-specific death rate, females aged 45 to 64 years, by Indigenous status, five year periods, Northern Territory and Australia, 1967 to 2006

Years	NT Indigenous female		NT non-Indigenous female		Australia female	
	No.	Rate (95%CI)	No.	Rate (95%CI)	No.	Rate (95%CI)
1967-1970	166	2654.7 (2280.1-3090.9)	53	789.7 (603.3-1033.7)	35623	737.9 (730.2-745.6)
1971-1975	202	2369.8 (2064.5-2720.2)	84	619.6 (500.3-767.3)	46041	683.0 (676.8-689.3)
1976-1980	231	2455.4 (2158.3-2793.3)	80	513.1 (412.1-638.8)	42302	600.1 (594.4-605.8)
1981-1985	221	2137.7 (1873.7-2439.0)	90	409.1 (332.7-503.0)	39367	539.0 (533.7-544.3)
1986-1990	263	2329.7 (2064.5-2629.0)	119	368.6 (308.0-441.1)	36518	470.3 (465.5-475.1)
1991-1995	265	2080.9 (1844.8-2347.1)	149	347.0 (295.5-407.4)	33800	387.7 (383.6-391.9)
1996-2000	297	1951.6 (1741.8-2186.7)	194	327.2 (284.2-376.6)	33582	330.3 (326.8-333.9)
2001-2005	287	1475.4 (1314.2-1656.4)	174	228.1 (196.6-264.6)	34870	294.8 (291.7-297.9)
2006	60	1349.2 (1047.6-1737.7)	40	228.8 (167.8-311.9)	7178	279.5 (273.1-286.1)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Age-specific death rate - 65 years and over

Figure 16 All cause age-specific death rate, 65 years and over, by sex and Indigenous status, Northern Territory and Australia, 1967 to 2006

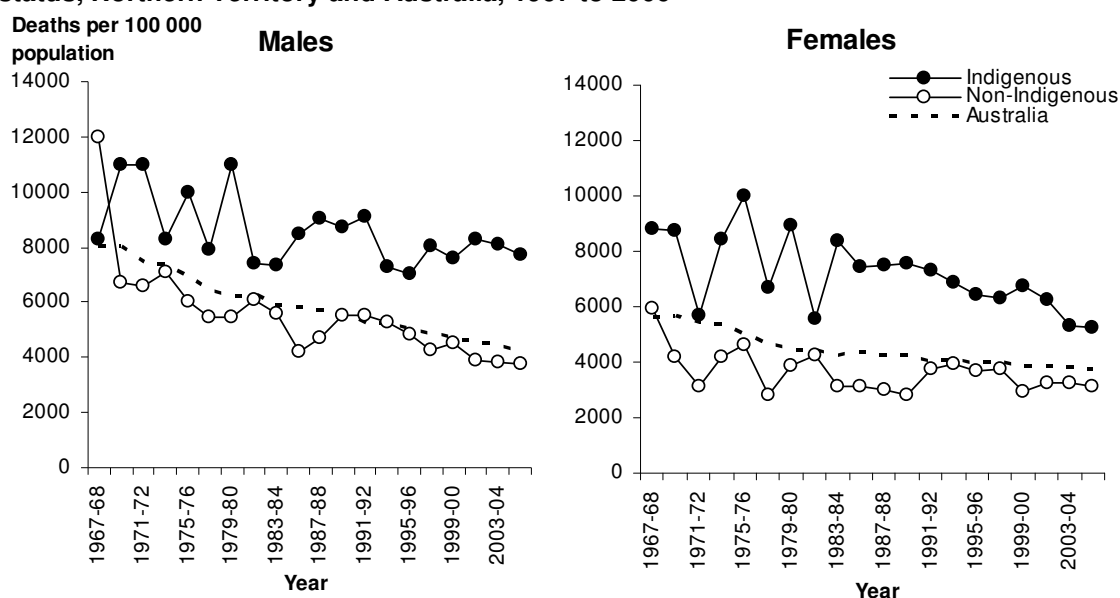


Table 23 All cause age-specific death rate, males aged 65 years and over, by Indigenous status, five year periods, Northern Territory and Australia, 1967-2006

Years	NT Indigenous male		NT non-Indigenous male		Australia male	
	No.	Rate (95%CI)	No.	Rate (95%CI)	No.	Rate (95%CI)
1967-1970	212	9765.1 (8535.2-11000.0)	111	8809.5 (7314.1-11000.0)	136894	8018.0 (7975.7-8060.6)
1971-1975	249	9442.5 (8339.6-11000.0)	178	6765.5 (5841.2-7836.1)	176280	7293.0 (7259.0-7327.1)
1976-1980	247	9481.8 (8370.1-11000.0)	180	5513.0 (4763.7-6380.2)	181081	6482.3 (6452.5-6512.2)
1981-1985	203	7637.3 (6655.8-8763.6)	277	5445.3 (4840.3-6125.8)	195603	6058.9 (6032.1-6085.8)
1986-1990	249	8773.8 (7749.0-9934.1)	366	4979.6 (4494.7-5516.8)	215178	5663.1 (5639.2-5687.1)
1991-1995	229	7810.4 (6861.6-8890.4)	497	5275.4 (4831.5-5760.2)	231888	5233.3 (5212.1-5254.7)
1996-2000	248	7735.5 (6830.3-8760.7)	597	4454.9 (4111.5-4827)	245258	4887.0 (4867.7-4906.3)
2001-2005	266	8119.7 (7200.2-9156.5)	699	3875.4 (3598.5-4173.6)	252364	4470.7 (4453.3-4488.2)
2006	54	7692.3 (5891.5-10000.0)	158	3541.8 (3030.4-4139.5)	51634	4257.0 (4220.4-4293.9)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Age-specific death rate - 65 years and over

Table 24 All cause age-specific death rate, females aged 65 years and over, by Indigenous status, five year periods, Northern Territory and Australia, 1967-2006

Years	NT Indigenous female		NT non-Indigenous female		Australia female	
	No.	Rate (95CI)	No.	Rate (95CI)	No.	Rate (95CI)
1967-1970	158	8777.8 (7510.5-10000)	33	4838.7 (3440.0-6806.2)	134476	5658.0 (5627.9-5688.4)
1971-1975	175	7427.8 (6405.0-8614.1)	64	4020.1 (3146.6-5136.1)	176275	5288.8 (5264.2-5313.6)
1976-1980	222	8531.9 (7480.3-9731.4)	80	3469.2 (2786.5-4319.1)	179355	4650.4 (4629.0-4672.0)
1981-1985	213	7097.6 (6205.7-8117.8)	143	3440.8 (2920.6-4053.6)	195458	4386.4 (4367.0-4405.9)
1986-1990	260	7505.8 (6646.7-8475.9)	206	2963.2 (2584.9-3396.7)	218369	4237.7 (4220.0-4255.5)
1991-1995	265	6942.6 (6155.1-7830.9)	315	3902.4 (3494.4-4358.0)	235712	4038.4 (4022.1-4054.8)
1996-2000	284	6536.2 (5818.6-7342.4)	362	3313.2 (2988.9-3672.7)	254225	3948.1 (3932.8-3963.5)
2001-2005	291	5623.2 (5012.8-6307.8)	442	3199.7 (2914.8-3512.3)	268282	3818.3 (3803.9-3832.8)
2006	63	5445.1 (4253.7-6970.3)	108	3158.8 (2615.9-3814.4)	55430	3745.9 (3714.9-3777.3)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Age-adjusted death rate by health district (males)

Figure 17 All cause age-adjusted death rate, Indigenous males, by district and Indigenous status, Northern Territory, 1986 to 1990 and 2001 to 2006

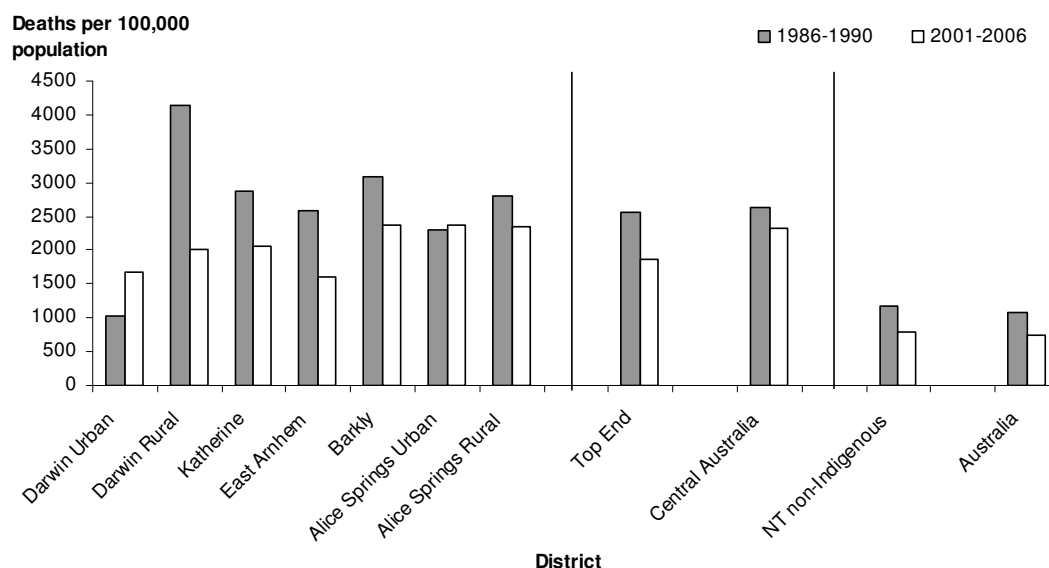


Table 25 All cause age-adjusted death rate, males, by district and Indigenous status, Northern Territory, 1986 to 1990 and 2001 to 2006

District	NT Indigenous				NT non-Indigenous			
	1986 to 1990		2001 to 2006		1986 to 1990		2001 to 2006	
	No.	Rate (95%CI)	No.	Rate (95%CI)	No.	Rate (95%CI)	No.	Rate (95%CI)
Darwin Urban	74	1032.0 (727.3-1336.7)	196	1666.3 (1320.5-2012.0)	723	1004.0 (899.4-1108.5)	1268	778.2 (728.4-828.1)
Darwin Rural	228	4145.5 (3455.1-4836.0)	272	2005.5 (1664.8-2346.2)	107	2887.1 (1913.8-3860.4)	44	506.0 (302.5-709.4)
Katherine	218	2867.1 (2447.2-3287.0)	260	2063.7 (1758.7-2368.7)	106	1276.9 (898.6-1655.2)	128	871.4 (694.5-1048.2)
East Arnhem	167	2589.2 (1998.5-3179.9)	192	1610.6 (1267.8-1953.4)	24	966.3 (67.0-1865.6)	27	340.5 (92.8-588.1)
Barkly	71	3098.2 (2293.9-3902.5)	94	2364.7 (1769.3-2960.1)	55	3044.8 (2065.1-4024.4)	58	1322.4 (908.6-1736.3)
Alice Springs Urban	116	2290.1 (1826.0-2754.2)	197	2365.6 (1980.7-2750.4)	198	1313.5 (1050.8-1576.2)	230	760.4 (648.3-872.6)
Alice Springs Rural	236	2799.6 (2384.7-3214.4)	318	2350.8 (2036.9-2664.6)	21	987.8 (192.8-1782.8)	33	1608.6 (963.5-2253.8)
Top End ¹	687	2552.5 (2317.5-2787.5)	920	1855.1 (1688.2-2022.1)	960	1071.8 (971.4-1172.2)	1467	767.7 (721.4-814.1)
Central Australia ²	423	2642.7 (2356.7-2928.8)	609	2328.1 (2104.8-2551.5)	274	1486.0 (1232.2-1739.8)	321	858.1 (749.0-967.2)
Total NT	1100	2468.6 (2297.1 – 2640.0)	1529	2027.3 (1893.8-2160.8)	1234	1179.7 (1082.4-1277.1)	1788	782.7 (740.0-825.4)

Notes:

1) Top End region consists of the following districts – Darwin Urban, Darwin Rural, Katherine and East Arnhem

2) Central Australia region consists of the following districts – Barkly, Alice Springs Urban, and Alice Springs Rural

Age-adjusted death rate by health district (females)

Figure 18 All cause age-adjusted death rate, Indigenous females, by district and Indigenous status, Northern Territory, 1986 to 1990 and 2001 to 2006

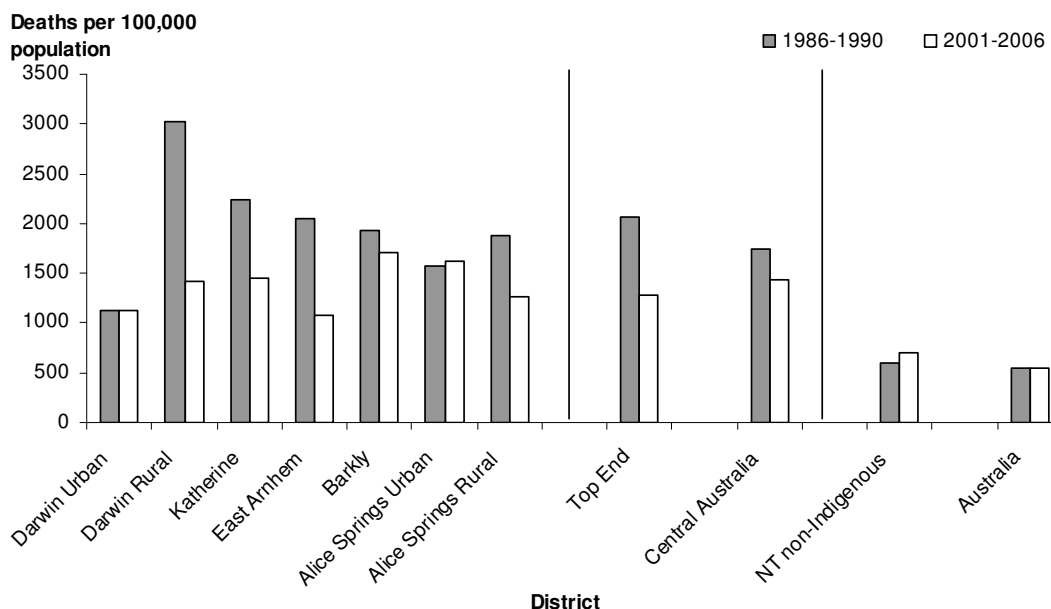


Table 26 All cause age-adjusted death rate, females, by district and Indigenous status, Northern Territory, 1986 to 1990 and 2001 to 2006

District	NT Indigenous				NT non-Indigenous			
	1986 to 1990		2001 to 2006		1986 to 1990		2001 to 2006	
	No.	Rate (95%CI)	No.	Rate (95%CI)	No.	Rate (95%CI)	No.	Rate (95%CI)
Darwin Urban	78	1123.2 (813.8-1432.7)	167	1122.3 (914.1-1330.4)	303	533.2 (460.7-605.8)	648	541.0 (496.1-585.8)
Darwin Rural	198	3023.5 (2508.7-3538.3)	174	1416.8 (1154.5-1679.1)	27	1057.4 (454.2-1660.6)	17	332.2 (123.7-540.7)
Katherine	139	2244.9 (1828.8-2661.1)	178	1459.7 (1208.9-1710.4)	30	374.7 (180.4-568.9)	49	557.4 (384.9-729.8)
East Arnhem	137	2047.6 (1580-2515.1)	139	1072.7 (844-1301.3)	9	426.4 (0.0-1109.1)	10	700.4 (123.5-1277.2)
Barkly	52	1926.7 (1350.9-2502.4)	80	1700.7 (1296.7-2104.8)	21	1438.6 (646.1-2231)	17	609.1 (253.8-964.4)
Alice Springs Urban	70	1571.2 (1142.3-2000.2)	151	1620.6 (1332-1909.1)	88	684.7 (518.5-850.8)	134	467.7 (384-551.5)
Alice Springs Rural	146	1874.3 (1526.4-2222.3)	198	1256.6 (1056.6-1456.6)	13	523.4 (124.3-922.5)	26	3013.4 (2068.6-3958.2)
Top End ¹	552	2073.4 (1861.7-2285.2)	658	1280.7 (1160.6-1400.7)	369	537.4 (469.1-605.7)	724	536.3 (493.8-578.7)
Central Australia ²	268	1745.8 (1509.3-1982.3)	429	1437.4 (1285.1-1589.8)	122	736.9 (578-895.7)	177	545.8 (460.0-613.6)
Total	820	1839.1 (1693.4-1984.8)	1087	1334.7 (1240.7-1428.7)	491	598.1 (531.9-664.3)	901	537.9 (499.9-575.9)

Notes:

1) Top End region consists of the following districts – Darwin Urban, Darwin Rural, Katherine and East Arnhem.

2) Central Australia region consists of the following districts – Barkly, Alice Springs Urban, and Alice Springs Rural

3 Common causes of death

Summary

All ages for all years

Between 1967 and 2006, the most common causes of death for both NT and Australian males and females were circulatory disorders, cancer, respiratory disorders and injury.

- For NT Indigenous males and females, circulatory disorders were the leading cause of death (25% and 22% of all deaths respectively). This was followed by deaths from respiratory disorders and injury. Together, these three causes accounted for 58% of total deaths in Indigenous males and 49% in Indigenous females.
- For NT non-Indigenous people, the top three conditions were circulatory disorders, cancer and injury. The order among males was injury (26%), circulatory diseases (25%) and cancer (22%), and among females was cancer (27%), circulatory diseases (25%) and injury (15%).
- In Australia, the two leading cause of death for both males and females were from circulatory disorders and cancer, together accounting for over 70% of total deaths. Injury was the cause of small percentage of deaths (male 8%, female 4%) in Australia.

Change in common causes through time

The change in common causes of death was assessed in two ways:

- By comparison of the relative contribution in the first ten years (1967 to 1976) and the last ten years (1997 to 2006) of available information; and
- Continuously over time by graphical display of the change in relative contribution of the seven, most common disease categories – circulatory disorders, cancer, respiratory diseases, endocrine diseases, injury, infectious diseases and all other conditions.

All ages

- Among the Indigenous population, the leading causes of death in the first period (1967 to 1976) were respiratory illnesses, circulatory disorders, infectious diseases and ill-defined conditions.
- By the later period (1997 to 2006), the proportion of total deaths from respiratory diseases and infectious diseases had declined for both males and females, from 20-22% to less than 10% and from 11% to 3% respectively. This was the result of the reduction in deaths from respiratory infections and diarrhoeal diseases in the early age groups. There was also a decrease in deaths from ill-defined conditions (13-15% to less than 3%). By contrast, there was an increase in deaths from circulatory disorders, injury, cancer and endocrine disorders. Together, chronic conditions (circulatory disorders, cancer, respiratory illnesses, endocrine disorders) and injury accounted for around three quarters of total deaths in Indigenous populations.
- Among non-Indigenous people, the leading causes of death in the early years were injury (especially in males), followed by circulatory disorders. Over time, marked

declines were observed in the proportion of deaths from injury (from 35% to 20% in males, 25% to 10% in females) but the proportion of deaths from cancer increased substantially for both males and females. Circulatory disorders remained among the leading causes of death for both sexes, and together with cancer, accounted for more than half of total deaths in the non-Indigenous population.

0 to 4 years

- In the Indigenous population, the leading causes of death in the first decade (1967-1976) were infectious diseases, respiratory illnesses and perinatal deaths. Together, they accounted for around three quarters of total deaths in this age group. Over time, there was a substantial reduction in the contribution of deaths from infectious diseases and respiratory illnesses. In the most recent decade the most common causes of death were perinatal conditions followed by congenital abnormalities and ill-defined clinical signs and symptoms.
- In the non-Indigenous population, the leading causes of death remains relatively unchanged over time, with perinatal conditions followed by congenital abnormalities and injury.

5 to 14 years

Of the small number of deaths in this age group, the most common cause of death was injury for both Indigenous and non-Indigenous people and this remained unchanged over time.

15 to 24 years

Again, injury has remained the leading cause of death for both Indigenous and non-Indigenous males and females. However there were differences between populations.

- Among Indigenous people during the first decade (1967-1976), the contribution of injury to total deaths among males was 49% and females 25%. Over time, deaths from injury increased in prominence and in 1997-2006 accounted for 71% of deaths among Indigenous males and 55% among Indigenous females.
- Among non-Indigenous males and females, injury was the dominant cause of death in both decades (80-90% in males and 76-83% in females).

25 to 44 years

In this age group injury has remained prominent as a cause of death among the non-Indigenous population, especially in men, but among the Indigenous population there are a mix of common causes death.

- In the Indigenous population, the common causes of death in the early decade (1967-1976) were in men; injury (25%), circulatory disorders (22%) and respiratory illnesses (17%), and in women; respiratory illnesses (22%), circulatory disorders (20%) and injury (15%). In more recent times (1997-2006), injury and circulatory disorders contributed to more than half of total deaths in men (34% and 26% respectively), followed by digestive disorders and respiratory illnesses. In women, the leading causes of death were circulatory disorders (25%), injury (24%), digestive disorders (12%) and cancer (9%).
- Among non-Indigenous men, injury accounted for 71% of deaths in the early years and 62% in 1997-2006. Among non-Indigenous females injury was also the leading cause of death in both periods (56% and 40%). Other causes of death in 1997-2006 included circulatory disorders (12-13% both men and women) and cancer (8% and 22% in men and women respectively).

45 to 64 years

In this age group, the common causes of deaths among Indigenous people were circulatory diseases, cancer, respiratory illnesses and endocrine disorders. Among the non-Indigenous population the majority of deaths were the result of circulatory diseases and cancer.

- Among Indigenous people, in the most recent decade, circulatory disorders accounted for 34% and 27% of deaths in males and females respectively and this was little changed from 1967-1976. Between the two periods, there was a marked decrease in the proportion of deaths from respiratory illnesses (from 24% to 10% in males, 23% to 9% in females) and an increase in the proportion of deaths from cancer (from 8% to 21% in males, 12% to 19% in females). There was also a substantial increase in deaths from endocrine disorders (males 2% to 10% and females 5 to 15%).
- Among the non-Indigenous population, the proportion of total deaths resulting from circulatory conditions decreased between 1967-1976 and 1997-2006 in both males (41% to 27%) and females (34% to 16%) but deaths caused by cancer increased (from 16% to 35% in males, 30% to 53% in females). Injury remained the third most common cause of death among both males and females.

65 and over

Among both Indigenous and non-Indigenous populations, the leading causes of death in 1997-2006 were circulatory conditions and cancer followed by respiratory diseases.

- Among Indigenous people, between 1967-1976 and 1997-2006, the prominent change was the decline in ill-defined conditions as a cause of death for both males (30% to 1%) and females (37% to 0.5%). This fall was offset by increases in the proportion of deaths from circulatory conditions (28% to 34% for males, 19% to 33% for females); cancer (9% to 19% in males, 7% to 15% in females); endocrine (1% to 10% for males, 4% to 12% for females) and genitourinary diseases (2% to 7% for males, 2% to 9% for females). Respiratory conditions remained similar.
- Among non-Indigenous people, there was a decrease in the proportion of deaths from circulatory diseases (39% to 31% for males, 47% to 38% in females) and an increase from cancer (25% to 32% in males, 14% to 27% in females).

Statistical graphs and tables

Common causes of death - all ages (males)

Figure 19 Common causes of death in males, by Indigenous status, Northern Territory, 1967 to 2006

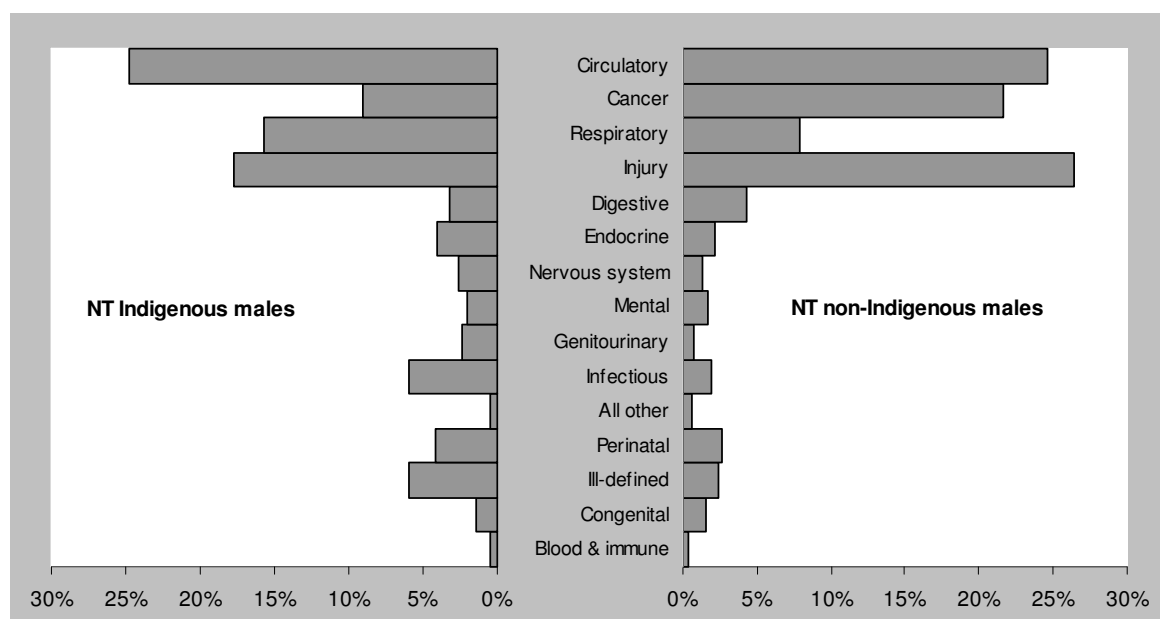
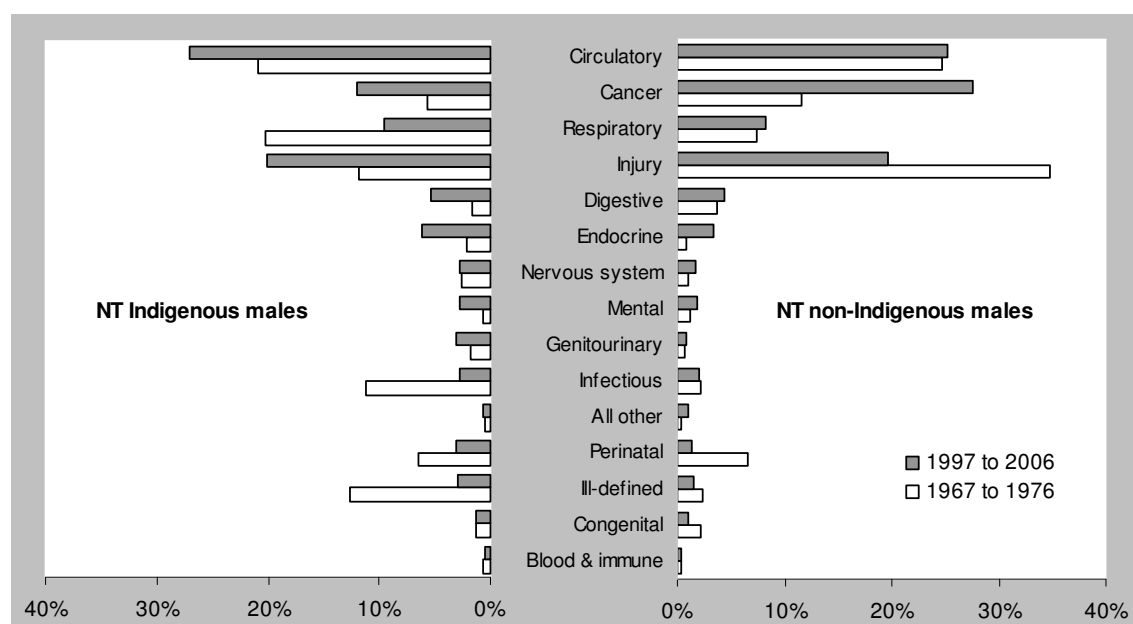


Figure 20 Common causes of death in males, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006



Common causes of death - all ages (males)

Table 27 Common causes of death by major disease categories, with percentage distribution and age adjusted death rate, males, by Indigenous status, Northern Territory, 1967 to 2006 and Australia, 1979 to 2006

Cause of death	NT Indigenous			NT non-Indigenous			Australia		
	Rank	No.	Rate	Rank	No.	Rate	Rank	No.	Rate
		(%)	(95%CI)		(%)	(95%CI)		(%)	(95%CI)
Circulatory	1	2152	708.5	1	2293	347.2	1	737709	328.4
		(24.8)	(673.7 - 743.3)		(24.6)	(328.9 - 365.6)		(40.5)	(327.7-329.2)
Cancer	4	782	272.3	3	2011	275.9	2	504043	209.4
		(-9)	(250.8 - 296.8)		(21.6)	(260.3 - 291.5)		(27.6)	(208.8-210.0)
Respiratory	3	1367	434.3	4	731	134.0	3	155349	71.1
		(15.8)	(406.4 - 462.2)		(7.8)	(122.0-205.1)		(8.5)	(71.0-71.4)
Injury & poisoning	2	1535	222.5	2	2464	122.5	4	152583	50.8
		(17.7)	(208.7 - 236.3)		(26.4)	(115.6-129.5)		(8.4)	(50.5-51.1)
Digestive	9	281	63.3	5	399	51.0	5	58693	24.4
		(3.2)	(54.3 - 72.3)		(4.3)	(44.1-58.0)		(3.2)	(24.2-24.6)
Endocrine & nutritional	8	351	109.9	8	200	32.7	6	45965	19.9
		(-4)	(96.4 - 123.4)		(2.1)	(26.9-38.4)		(2.5)	(19.7-20.1)
Nervous system	10	223	46.8	12	126	17.7	7	38414	16.7
		(2.6)	(38.41 - 55.12)		(1.4)	(13.3-22.0)		(2.1)	(16.6-16.9)
Genitourinary	11	210	76.3	13	68	15.9	8	27746	13.5
		(2.4)	(64.2 - 88.5)		(0.7)	(11.5-20.3)		(1.5)	(13.4-13.7)
Mental & behavioural	12	173	44.2	10	151	18.1	9	28507	12.6
		(-2)	(35.8 - 52.5)		(1.6)	(13.9-22.3)		(1.6)	(12.5-12.8)
Infectious disease	5	513	101.2	9	181	19.0	10	19914	8.0
		(5.9)	(88.7 - 113.6)		(1.9)	(15.0-23.0)		(1.1)	(7.9-8.2)
All other	15	42	10.9	14	56	10.2	11	12948	5.8
		(0.5)	(6.6 - 15.2)		(0.6)	(6.8-13.5)		(0.7)	(5.7-5.9)
Ill-defined	6	512	179.9	7	221	17.3	12	11655	3.8
		(5.9)	(160.4 - 199.4)		(2.4)	(13.7-20.9)		(0.6)	(3.8-3.9)
Perinatal	7	363	18.9	6	246	8.8	13	12444	3.2
		(4.2)	(10.4 - 20.9)		(2.6)	(3.2-9.9)		(0.7)	(3.2-3.3)
Congenital	13	129	8.9	11	143	5.9	14	11526	3.3
		(1.5)	(7.1 - 10.7)		(1.5)	(4.7-7.2)		(0.6)	(3.2-3.3)
Blood & immune	14	44	11.6	15	28	3.6	15	5662	2.5
		(0.5)	(7.3 - 16.0)		(0.3)	(1.8-5.5)		(0.3)	(2.4-2.5)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Common causes of death - all ages (males)

Table 28 Common causes of death by major disease categories, with percentage distribution and age adjusted death rate, males, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

Cause of death	1967 to 1976				1997 to 2006			
	NT Indigenous		NT non-Indigenous		NT Indigenous		NT non-Indigenous	
	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)
Circulatory	428 (20.9)	730.2 (653.7 - 806.7)	415 (24.7)	717.4 (607.1 - 827.7)	678 (27.1)	660.4 (598.5 - 722.3)	747 (25.2)	243.3 (222.5 - 264.0)
Cancer	117 (5.7)	200.8 (159.6 - 241.9)	194 (11.5)	342.8 (268.8 - 416.9)	299 (11.9)	328.3 (285.2 - 371.4)	817 (27.6)	239.2 (219.6 - 258.9)
Respiratory	413 (20.2)	527.7 (464.4 - 590.9)	125 (7.4)	289.0 (212.8 - 365.1)	239 (9.5)	256.4 (216.4 - 296.4)	243 (8.2)	91.1 (78.0 - 104.2)
Injury & poisoning	241 (11.8)	217.0 (182.7 - 251.4)	586 (34.8)	227.5 (189.6 - 265.4)	503 (20.1)	198.3 (175.4 - 221.2)	582 (19.6)	88.3 (79.3 - 97.3)
Digestive	33 (1.6)	44.8 (27.2 - 62.4)	62 (3.7)	78.7 (43.7 - 113.8)	133 (5.3)	82.8 (64.6 - 101.0)	131 (4.4)	39.9 (31.4 - 48.4)
Endocrine & nutritional	43 (2.1)	47.4 (28.8 - 66.0)	15 (0.9)	23.0 (2.1 - 44.0)	155 (6.2)	168.2 (137.2 - 199.3)	102 (3.4)	34.3 (26.4 - 42.1)
Nervous system	54 (2.6)	47.4 (30.4 - 64.5)	18 (1.1)	21.0 (0.4 - 41.5)	69 (2.8)	50.9 (34.5 - 67.2)	52 (1.8)	18.4 (12.4 - 24.4)
Genitourinary	37 (1.8)	53.5 (32.8 - 74.2)	11 (0.7)	19.5 (2.4 - 36.7)	79 (3.2)	108.4 (80.2 - 135.5)	24 (0.8)	12.4 (7.1 - 17.7)
Mental & behavioural	12 (0.6)	12.4 (4.6 - 20.1)	20 (1.2)	14.7 (5.9 - 23.4)	68 (2.7)	67.4 (46.1 - 88.8)	56 (1.9)	19.5 (13.2 - 25.8)
Infectious disease	230 (11.2)	170.2 (137.7 - 202.7)	37 (2.2)	45.1 (15.4 - 74.8)	70 (2.8)	52.0 (35.5 - 68.5)	59 (2.0)	16.5 (11.2 - 21.8)
All other	9 (0.4)	10.7 (1.2 - 20.2)	5 (0.3)	10.7 (0.0 - 25.6)	16 (0.6)	12.7 (4.0 - 21.4)	29 (1.0)	11.2 (6.6 - 15.9)
Ill-defined	257 (12.6)	556.5 (479.7 - 633.3)	41 (2.4)	49.6 (19.7 - 79.5)	73 (2.9)	33.6 (21.7 - 45.5)	47 (1.6)	9.9 (6.2 - 13.6)
Perinatal	133 (6.5)	34.3 (28.5 - 40.1)	111 (6.6)	20.9 (17.0 - 24.8)	76 (3.0)	13.4 (10.4 - 16.4)	38 (1.3)	4.7 (3.2 - 6.2)
Congenital	26 (1.3)	9.1 (4.6 - 13.6)	37 (2.2)	6.9 (4.7 - 9.2)	34 (1.4)	7.9 (5.0 - 10.7)	28 (0.9)	4.2 (2.3 - 6.0)
Blood & immune	14 (0.7)	11.1 (4.1 - 18.1)	6 (0.4)	4.6 (0.1 - 9.1)	11 (0.4)	7.3 (2.0 - 12.6)	10 (0.3)	2.4 (0.6 - 4.1)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Common causes of death - all ages (females)

Figure 21 Common causes of death in females, by Indigenous status, Northern Territory, 1967 to 2006

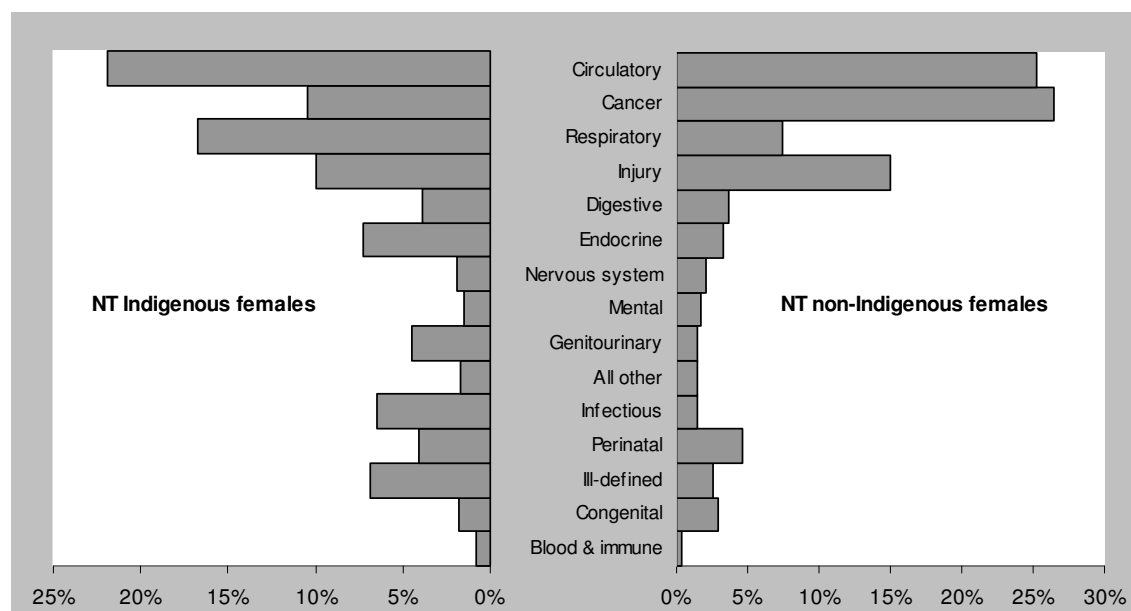
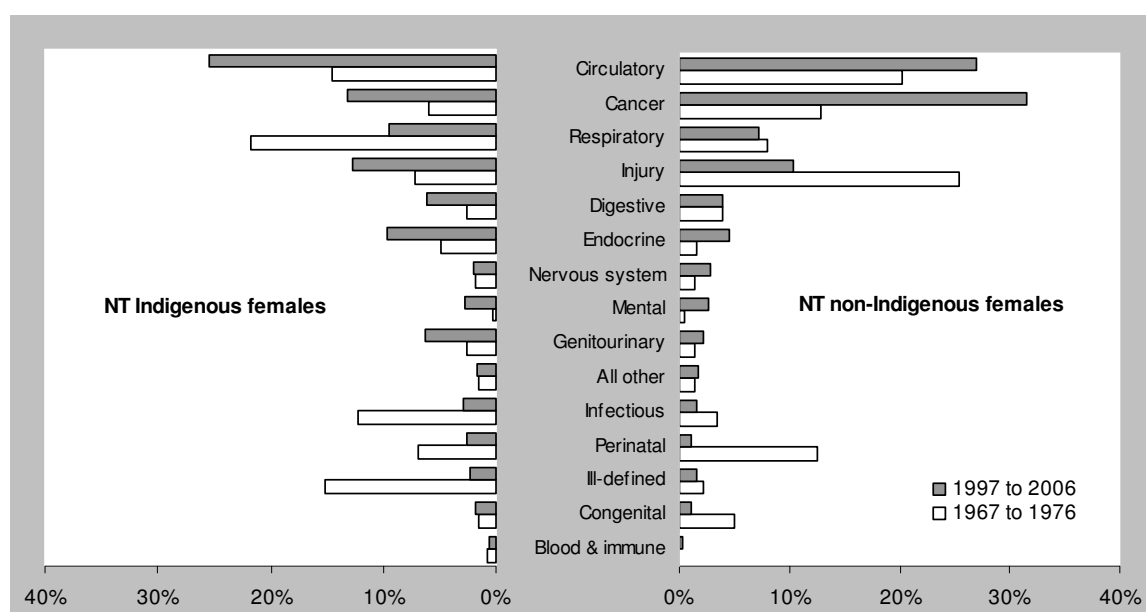


Figure 22 Common causes of death in females, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006



Common causes of death - all ages (females)

Table 29 Common causes of death by major disease categories, with percentage distribution and age adjusted death rate, females, by Indigenous status, Northern Territory, 1967 to 2006 and Australia, 1979 to 2006

Cause of death	NT Indigenous			NT non-Indigenous			Australia		
	Rank	No.	Rate	Rank	No.	Rate	Rank	No.	Rate
		(%)	(95%CI)		(%)	(95%CI)		(%)	(95%CI)
Circulatory	1	1455	458.7	2	994	241.0	1	746958	241.6
		(22)	(431.8-485.6)		(25.2)	(224.7-257.2)		(46.8)	(241-242.1)
Cancer	3	690	203.8	1	1044	171.1	2	386082	124.9
		(10.4)	(186.8-220.9)		(26.5)	(158.7-183.4)		(24.2)	(124.5-125.3)
Respiratory	2	1111	315.2	4	295	62.9	3	111222	35.8
		(16.8)	(292.8-337.5)		(7.5)	(54.7-71.1)		(7)	(35.6-36)
Injury & poisoning	4	662	100.0	3	593	42.6	4	66580	21.0
		(10)	(90.4-109.6)		(15.1)	(37.5-47.5)		(4.2)	(20.8-21.2)
Digestive	10	257	62.9	6	144	22.0	5	53820	17.5
		(3.9)	(53.8-72.1)		(3.7)	(17.6-26.4)		(3.4)	(17.3-17.6)
Endocrine & nutritional	5	479	138.7	7	132	27.3	6	47837	15.4
		(7.2)	(124.6-152.9)		(3.4)	(21.9-32.7)		(3)	(15.3-15.5)
Nervous system	11	127	17.7	10	83	14.6	7	42105	13.6
		(1.9)	(13.5-21.9)		(2.1)	(10.7-18.6)		(2.6)	(13.4-13.7)
Mental & behavioural	14	101	34.7	11	69	16.7	8	37432	12.1
		(1.5)	(26.8-42.7)		(1.8)	(12.3-21.1)		(2.3)	(12.0-12.2)
Genitourinary	8	299	94.8	12	59	13.8	9	34152	11.1
		(4.5)	(82.5-107)		(1.5)	(9.9-17.7)		(2.1)	(10.9-11.2)
All other	13	114	25.6	12	59	12.1	10	22212	7.2
		(1.7)	(19.7-31.6)		(1.5)	(8.5-15.8)		(1.4)	(7.1-7.3)
Infectious disease	7	429	83.7	14	56	8.3	11	14131	4.5
		(6.5)	(72.8-94.5)		(1.4)	(5.5-11.1)		(0.9)	(4.5-4.6)
Congenital	12	121	8.4	8	113	4.5	12	9838	3.3
		(1.8)	(6.6-10.1)		(2.9)	(3.6-5.3)		(0.6)	(2.8-2.9)
Ill-defined	6	456	135.1	9	102	9.9	13	9348	2.8
		(6.9)	(119.9-150.3)		(2.6)	(7-12.8)		(0.6)	(2.8-2.9)
Perinatal	9	272	15.0	5	182	6.9	14	9379	2.6
		(4.1)	(13.2-16.7)		(4.6)	(5.9-7.9)		(0.6)	(2.5-2.6)
Blood & immune	15	54	12.7	15	14	1.7	15	6559	2.1
		(0.8)	(8.6-16.7)		(0.4)	(0.5-3)		(0.4)	(2.1-2.2)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Common causes of death - all ages (females)

Table 30 Common causes of death by major disease categories, with percentage distribution and age adjusted death rate, females, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

Cause of death	1967 to 1976				1997 to 2006			
	NT Indigenous		NT non-Indigenous		NT Indigenous		NT non Indigenous	
	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)
Circulatory	237 (14.6)	413.7 (353.1 - 474.4)	118 (20.3)	483.7 (362.32 - 605.0)	478 (25.5)	425.6 (381.9 - 469.2)	394 (27.0)	190.9 (171.3 - 210.6)
Cancer	98 (6.0)	173.6 (134.3 - 212.9)	75 (12.9)	166.4 (104.4 - 228.4)	247 (13.2)	213.4 (183.3 - 243.4)	460 (31.6)	160.8 (144.2 - 177.4)
Respiratory	352 (21.7)	470.1 (403.0 - 537.3)	47 (8.1)	196.6 (113.3 - 280.0)	179 (9.5)	167.8 (139.8 - 195.8)	105 (7.2)	47.4 (37.8 - 57.1)
Injury & poisoning	116 (7.2)	104.8 (80.5 - 129.2)	148 (25.4)	108.5 (64.0 - 152.9)	239 (12.7)	99.7 (84.2 - 115.2)	152 (10.4)	32.0 (25.6 - 38.4)
Digestive	42 (2.6)	60.9 (38.5 - 83.2)	23 (4.0)	27.3 (12.9 - 41.6)	115 (6.1)	75.6 (59.4 - 91.9)	57 (3.9)	19.5 (13.7 - 25.4)
Endocrine & nutritional	79 (4.9)	93.3 (65.2 - 121.4)	9 (1.5)	50.7 (7.5 - 94.0)	181 (9.7)	163.7 (137.2 - 190.2)	66 (4.5)	26.2 (19.1 - 33.2)
Nervous system	31 (1.9)	21.1 (9.2 - 33.0)	8 (1.4)	2.8 (0.7 - 4.8)	38 (2.0)	18.5 (11.0 - 26.0)	41 (2.8)	16.7 (11.0 - 22.4)
Mental & behavioural	4 (0.2)	4.5 (0.1 - 9.0)	3 (0.5)	11.7 (0.0 - 33.1)	52 (2.8)	56.9 (39.3 - 74.5)	39 (2.7)	18.7 (12.5 - 25.0)
Genitourinary	42 (2.6)	61.2 (37.9 - 84.5)	8 (1.4)	15.8 (0.0 - 37.4)	118 (6.3)	107.7 (85.8 - 129.6)	33 (2.3)	17.3 (11.2 - 23.3)
All other	24 (1.5)	21.2 (11.7 - 30.6)	8 (1.4)	35.7 (0.0 - 72.7)	32 (1.7)	19.8 (11.8 - 27.9)	26 (1.8)	12.1 (7.1 - 17.1)
Infectious disease	200 (12.3)	156.5 (122.2 - 190.8)	20 (3.4)	9.4 (0.7 - 18.1)	56 (3.0)	38.2 (25.8 - 50.5)	24 (1.6)	9.7 (5.4 - 14.0)
Congenital	26 (1.6)	8.0 (4.7 - 11.4)	29 (5.0)	6.8 (4.0 - 9.7)	35 (1.9)	8.4 (5.1 - 11.7)	16 (1.1)	2.1 (1.1 - 3.1)
Ill-defined	246 (15.2)	545.4 (466.9 - 623.9)	13 (2.2)	36.6 (0.0 - 79.6)	44 (2.3)	18.1 (10.6 - 25.6)	23 (1.6)	4.4 (2.1 - 6.7)
Perinatal	113 (7.0)	29.8 (24.3 - 35.2)	73 (12.5)	15.1 (11.7 - 18.6)	50 (2.7)	9.3 (6.7 - 11.9)	17 (1.2)	2.2 (1.2 - 3.3)
Blood & immune	12 (0.7)	10.4 (3.5 - 17.4)	0 (0.0)	0.0 (0.00 - 0.00)	11 (0.6)	7.3 (1.7 - 12.9)	5 (0.3)	1.5 (0.0 - 3.0)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Common causes of death - all ages (trend)

Figure 23 Common causes of death, all age, two year average, Northern Territory Indigenous, 1967-68 to 2005-06

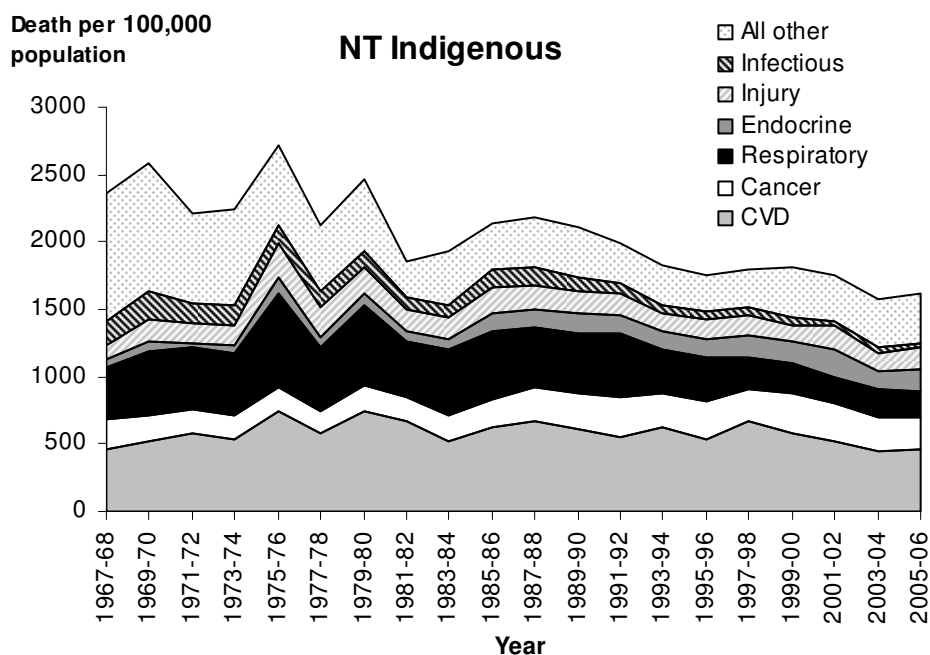
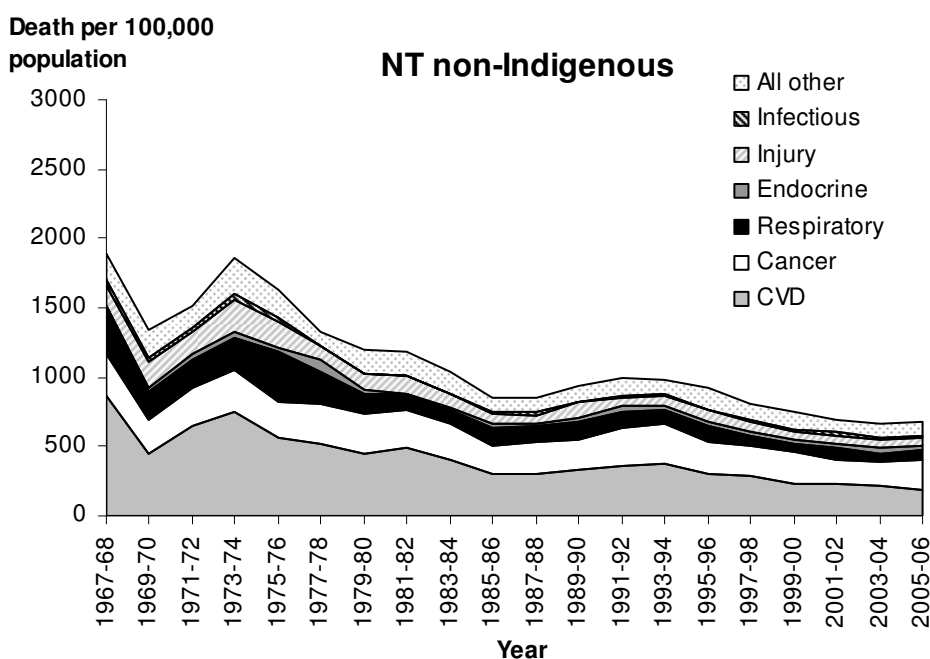


Figure 24 Common causes of death, all age, two year average, Northern Territory non-Indigenous, 1967-68 to 2005-06



Common causes of death - 0 to 4 years

Figure 25 Common causes of death in males aged 0 to 4 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

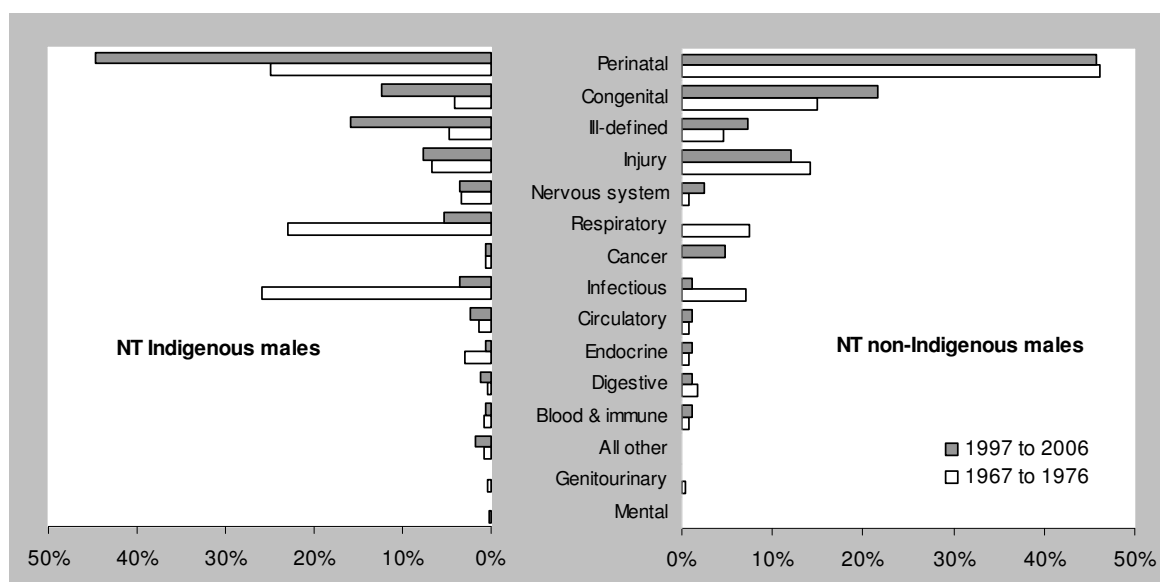
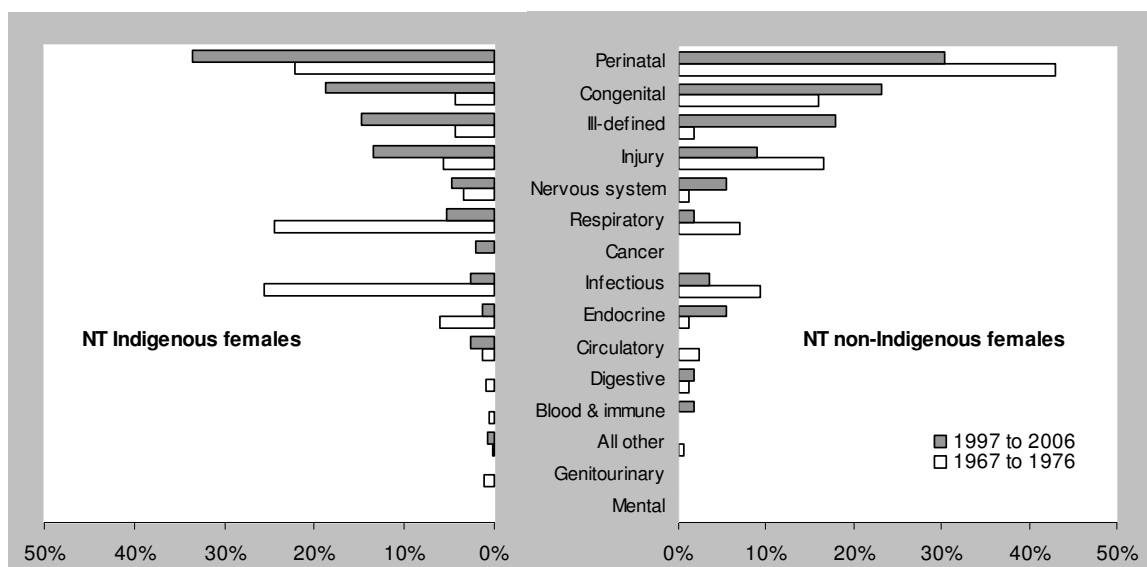


Figure 26 Common causes of death in females aged 0 to 4 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006



Common causes of death - 0 to 4 years (males)

Table 31 Common causes of death by major disease categories, with percentage distribution and age adjusted death rate, males aged 0 to 4 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

Cause of death	1967 to 1976				1997 to 2006			
	NT Indigenous		NT non-Indigenous		NT Indigenous		NT non-Indigenous	
	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)
Perinatal	133 (24.9)	519.4 (438.3 - 615.7)	111 (46.3)	316.0 (262.3 - 380.6)	76 (44.7)	202.2 (161.5 - 253.1)	38 (45.8)	71.4 (52.0 - 98.1)
Congenital	22 (4.1)	85.9 (56.6 - 130.5)	36 (15.0)	102.5 (73.9 - 142.1)	21 (12.4)	55.9 (36.4 - 85.7)	18 (21.7)	33.8 (21.3 - 53.7)
Ill-defined	25 (4.7)	97.6 (66.0 - 144.5)	11 (4.6)	31.3 (17.3 - 56.5)	27 (15.9)	71.8 (49.3 - 104.7)	6 (7.2)	11.3 (5.1 - 24.1)
Injury & poisoning	36 (6.7)	140.6 (101.4 - 194.9)	34 (14.2)	96.8 (69.1 - 135.5)	13 (7.6)	34.6 (20.1 - 59.6)	10 (12)	18.8 (10.1 - 34.9)
Nervous system	18 (3.4)	70.3 (44.3 - 111.6)	2 (0.8)	5.7 (1.4 - 22.8)	6 (3.5)	16.0 (7.2 - 35.5)	2 (2.4)	3.8 (0.9 - 15.0)
Respiratory	123 (23)	480.4 (402.6 - 573.2)	18 (7.5)	51.2 (32.3 - 81.3)	9 (5.3)	23.9 (12.5 - 46.0)	0 (0.0)	0.0 (0.0 - 0.0)
Cancer	3 (0.6)	11.7 (3.8 - 36.3)	0 (0.0)	0.0 (0.0 - 0.0)	1 (0.6)	2.7 (0.4 - 18.9)	4 (4.8)	7.5 (2.8 - 20.2)
Infectious disease	138 (25.8)	539.0 (456.1 - 636.8)	17 (7.1)	48.4 (30.1 - 77.8)	6 (3.5)	16.0 (7.2 - 35.5)	1 (1.2)	1.9 (0.3 - 13.3)
Circulatory	7 (1.3)	27.3 (13.0 - 57.4)	2 (0.8)	5.7 (1.4 - 22.8)	4 (2.4)	10.6 (4.0 - 28.4)	1 (1.2)	1.9 (0.3 - 13.3)
Endocrine & nutritional	16 (3.0)	62.5 (38.3 - 102.0)	2 (0.8)	5.7 (1.4 - 22.8)	1 (0.6)	2.7 (0.4 - 18.9)	1 (1.2)	1.9 (0.3 - 13.3)
Digestive	2 (0.4)	7.8 (2.0 - 31.2)	4 (1.7)	11.4 (4.3 - 30.3)	2 (1.2)	5.3 (1.3 - 21.3)	1 (1.2)	1.9 (0.3 - 13.3)
Blood & immune	4 (0.7)	15.6 (5.9 - 41.6)	2 (0.8)	5.7 (1.4 - 22.8)	1 (0.6)	2.7 (0.4 - 18.9)	1 (1.2)	1.9 (0.3 - 13.3)
All other	4 (0.7)	15.6 (5.9 - 41.6)	0 (0.0)	0.0 (0.0 - 0.0)	3 (1.8)	8.0 (2.6 - 24.7)	0 (0.0)	0.0 (0.0 - 0.0)
Genitourinary	2 (0.4)	7.8 (2.0 - 31.2)	1 (0.4)	2.9 (0.4 - 20.2)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)
Mental & behavioural	1 (0.2)	3.9 (0.6 - 27.7)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Common causes of death - 0 to 4 years (females)

Table 32 Common causes of death by major disease categories, with percentage distribution and age adjusted death rate, females aged 0 to 4 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

Cause of death	1967 to 1976				1997 to 2006			
	NT Indigenous		NT non-Indigenous		NT Indigenous		NT non-Indigenous	
	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)
Perinatal	113 (22.1)	450.4 (374.6 - 541.6)	73 (42.9)	229.2 (182.2 - 288.3)	50 (33.6)	140.9 (106.8 - 186.0)	17 (30.4)	33.8 (21.0 - 54.3)
Congenital	22 (4.3)	87.7 (57.7 - 133.2)	27 (15.9)	84.8 (58.1 - 123.6)	28 (18.8)	78.9 (54.5 - 114.3)	13 (23.2)	25.8 (15.0 - 44.5)
Ill-defined	22 (4.3)	87.7 (57.7 - 133.2)	3 (1.8)	9.4 (3.0 - 29.2)	22 (14.8)	62.0 (40.8 - 94.2)	10 (17.9)	19.9 (10.7 - 36.9)
Injury & poisoning	29 (5.7)	115.6 (80.3 - 166.3)	28 (16.5)	87.9 (60.7 - 127.3)	20 (13.4)	56.4 (36.4 - 87.4)	5 (8.9)	9.9 (4.1 - 23.9)
Nervous system	17 (3.3)	67.8 (42.1 - 109.0)	2 (1.2)	6.3 (1.6 - 25.1)	7 (4.7)	19.7 (9.4 - 41.4)	3 (5.4)	6.0 (1.9 - 18.5)
Respiratory	125 (24.4)	498.2 (418.1 - 593.7)	12 (7.1)	37.7 (21.4 - 66.4)	8 (5.4)	22.6 (11.3 - 45.1)	1 (1.8)	2.0 (0.3 - 14.1)
Cancer	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	3 (2.0)	8.5 (2.7 - 26.2)	0 (0.0)	0.0 (0.0 - 0.0)
Infectious disease	131 (25.6)	522.1 (440.0 - 619.6)	16 (9.4)	50.2 (30.8 - 82.0)	4 (2.7)	11.3 (4.2 - 30.0)	2 (3.6)	4.0 (1.0 - 15.9)
Circulatory	7 (1.4)	27.9 (13.3 - 58.5)	4 (2.4)	12.6 (4.7 - 33.5)	4 (2.7)	11.3 (4.2 - 30.0)	0 (0.0)	0.0 (0.0 - 0.0)
Endocrine & nutritional	31 (6.1)	123.6 (86.9 - 175.7)	2 (1.2)	6.3 (1.6 - 25.1)	2 (1.3)	5.6 (1.4 - 22.5)	3 (5.4)	6.0 (1.9 - 18.5)
Digestive	5 (.01)	19.9 (8.3 - 47.9)	2 (1.2)	6.3 (1.6 - 25.1)	0 (0.0)	0.0 (0.0 - 0.0)	1 (1.8)	2.0 (0.3 - 14.1)
Blood & immune	3 (0.6)	12.0 (3.9 - 37.1)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	1 (1.8)	2.0 (0.3 - 14.1)
All other	1 (0.2)	4.0 (0.6 - 28.3)	1 (0.6)	3.1 (0.4 - 22.3)	1 (0.7)	2.8 (0.4 - 20.0)	0 (0.0)	0.0 (0.0 - 0.0)
Genitourinary	6 (1.2)	23.9 (10.7 - 53.2)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)
Mental & behavioural	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Common causes of death - 0 to 4 years (trend)

Figure 27 Common causes of death, 0 to 4 years, two year average, Northern Territory Indigenous, 1967-68 to 2005-06

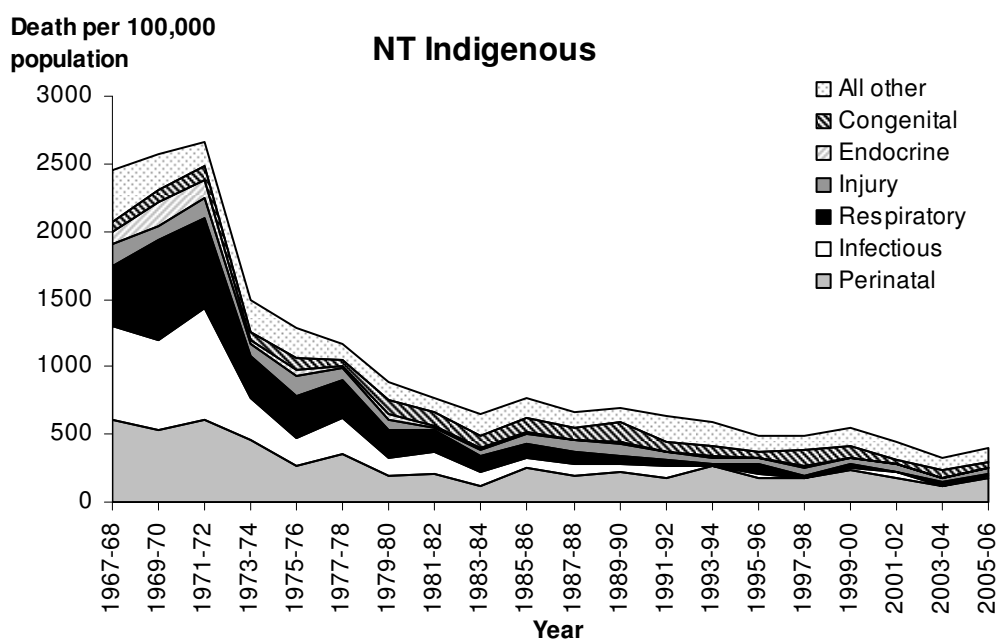
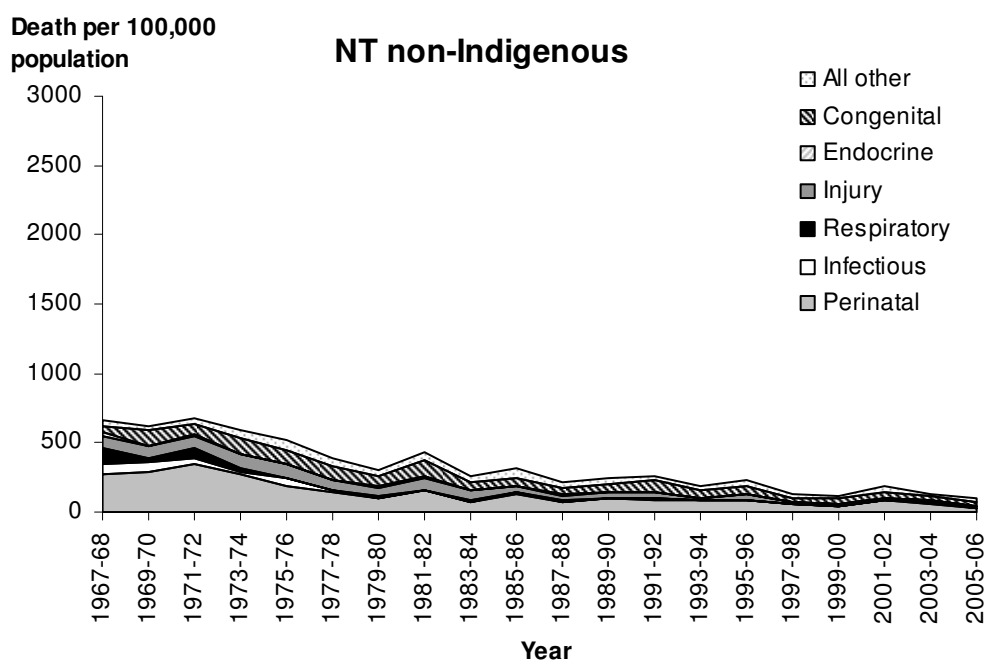


Figure 28 Common causes of death, 0 to 4 years, two year average, Northern Territory non-Indigenous, 1967-68 to 2005-06



Common causes of death - 5 to 14 years

Figure 29 Common causes of death in males aged 5 to 14 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

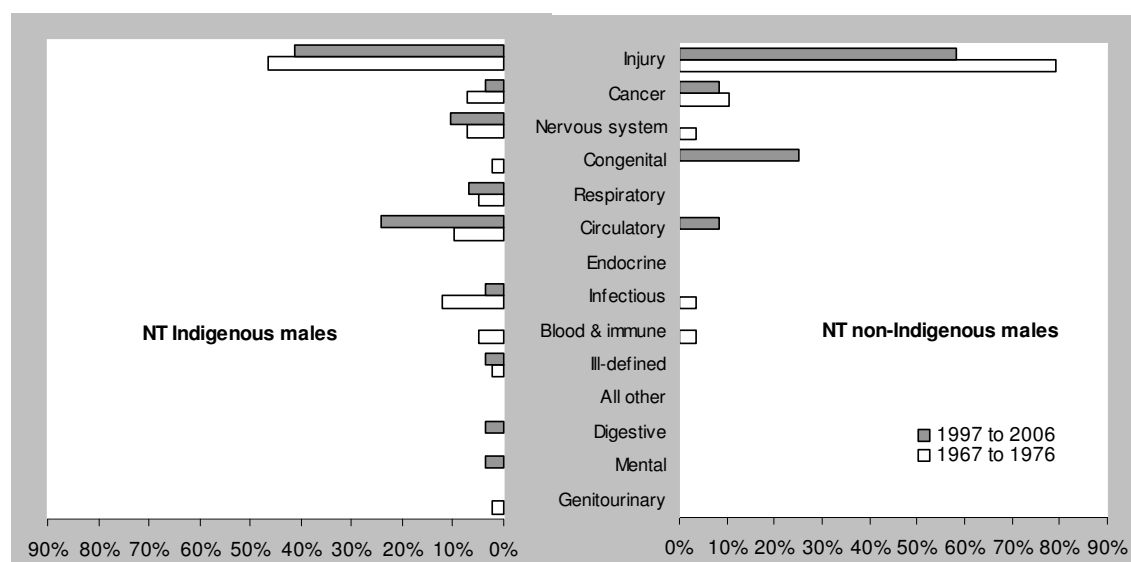
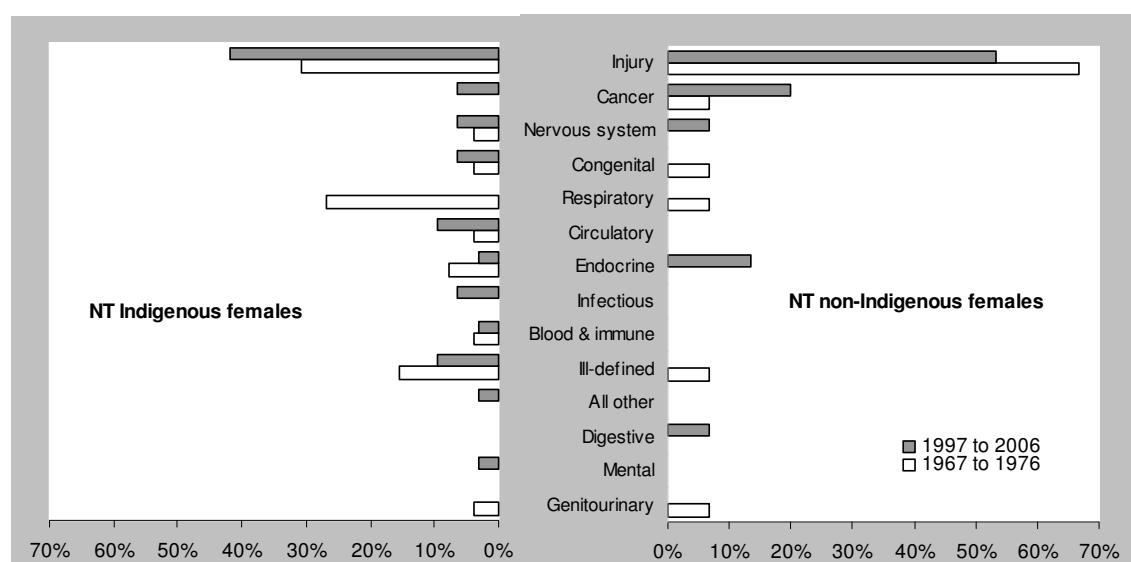


Figure 30 Common causes of death in females aged 5 to 14 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006



Common causes of death - 5 to 14 years (males)

Table 33 Common causes of death by major disease categories, with percentage distribution and age adjusted death rate, males aged 5 to 14 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

Cause of death	1967 to 1976				1997 to 2006			
	NT Indigenous		NT non-Indigenous		NT Indigenous		NT non-Indigenous	
	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)
Injury & poisoning	19 (46.3)	46.6 (29.8 - 73.1)	23 (79.3)	46.8 (31.1 - 70.4)	12 (41.4)	16.9 (9.6 - 29.8)	7 (58.3)	6.9 (3.3 - 14.5)
Cancer	3 (7.3)	7.4 (2.4 - 22.8)	3 (10.3)	6.1 (2.0 - 18.9)	1 (3.4)	1.4 (0.2 - 10.0)	1 (8.3)	1.0 (0.1 - 7.0)
Nervous system	3 (7.3)	7.4 (2.4 - 22.8)	1 (3.4)	2.0 (0.3 - 14.4)	3 (10.3)	4.2 (1.4 - 13.1)	0 (0.0)	0.0 (0.0 - 0.0)
Congenital	1 (2.4)	2.5 (0.3 - 17.4)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	3 (25.0)	3.0 (1.0 - 9.2)
Respiratory	2 (4.9)	4.9 (1.2 - 19.6)	0 (0.0)	0.0 (0.0 - 0.0)	2 (6.9)	2.8 (0.7 - 11.3)	0 (0.0)	0.0 (0.0 - 0.0)
Circulatory	4 (9.8)	9.8 (3.7 - 26.2)	0 (0.0)	0.0 (0.0 - 0.0)	7 (24.1)	9.9 (4.7 - 20.7)	1 (8.3)	1.0 (0.1 - 7.0)
Endocrine & nutritional	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)
Infectious disease	5 (12.2)	12.3 (5.9 - 29.5)	1 (3.4)	2.0 (0.3 - 14.4)	1 (3.4)	1.4 (0.2 - 10.0)	0 (0.0)	0.0 (0.0 - 0.0)
Blood & immune	2 (4.9)	4.9 (1.2 - 19.6)	1 (3.4)	2.0 (0.3 - 14.4)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)
Ill-defined	1 (2.4)	2.5 (0.3 - 17.4)	0 (0.0)	0.0 (0.0 - 0.0)	1 (3.4)	1.4 (0.2 - 10.0)	0 (0.0)	0.0 (0.0 - 0.0)
All other	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)
Digestive	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	1 (3.4)	1.4 (0.2 - 10.0)	0 (0.0)	0.0 (0.0 - 0.0)
Mental & behavioural	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	1 (3.4)	1.4 (0.2 - 10.0)	0 (0.0)	0.0 (0.0 - 0.0)
Genitourinary	1 (2.4)	2.5 (0.3 - 17.4)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Common causes of death - 5 to 14 years (females)

Table 34 Common causes of death by major disease categories, with percentage distribution and age adjusted death rate, females aged 5 to 14 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

Cause of death	1967 to 1976				1997 to 2006			
	NT Indigenous		NT non-Indigenous		NT Indigenous		NT non-Indigenous	
	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)
Injury & poisoning	8 (30.8)	19.8 (9.9 - 39.7)	10 (66.7)	22.8 (12.3 - 42.3)	13 (41.9)	19.7 (11.5 - 34.0)	8 (53.3)	8.5 (4.3 - 13.1)
Cancer	0 (0.0)	0.0 (0.0 - 0.0)	1 (6.7)	2.3 (0.3 - 16.2)	2 (6.5)	3.0 (0.8 - 12.1)	3 (20.0)	3.2 (1.0 - 9.9)
Nervous system	1 (3.8)	2.5 (0.4 - 17.6)	0 (0.0)	0.0 (0.0 - 0.0)	2 (6.5)	3.0 (0.8 - 12.1)	1 (6.7)	1.1 (0.2 - 7.6)
Congenital	1 (3.8)	2.5 (0.4 - 17.6)	1 (6.7)	2.3 (0.3 - 16.2)	2 (6.5)	3.0 (0.8 - 12.1)	0 (0.0)	0.0 (0.0 - 0.0)
Respiratory	7 (26.9)	17.4 (8.3 - 36.4)	1 (6.7)	2.3 (0.3 - 16.2)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)
Circulatory	1 (3.8)	2.5 (0.4 - 17.6)	0 (0.0)	0.0 (0.0 - 0.0)	3 (9.7)	4.6 (1.5 - 14.1)	0 (0.0)	0.0 (0.0 - 0.0)
Endocrine & nutritional	2 (7.7)	5.0 (1.2 - 19.8)	0 (0.0)	0.0 (0.0 - 0.0)	1 (3.2)	1.5 (0.2 - 10.8)	2 (13.3)	2.1 (0.5 - 8.5)
Infectious disease	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	2 (6.5)	3.0 (0.8 - 12.1)	0 (0.0)	0.0 (0.0 - 0.0)
Blood & immune	1 (3.8)	2.5 (0.4 - 17.6)	0 (0.0)	0.0 (0.0 - 0.0)	1 (3.2)	1.5 (0.2 - 10.8)	0 (0.0)	0.0 (0.0 - 0.0)
Ill-defined	4 (15.4)	9.9 (3.7 - 26.4)	1 (6.7)	2.3 (0.3 - 16.2)	3 (9.7)	4.6 (1.5 - 14.1)	0 (0.0)	0.0 (0.0 - 0.0)
All other	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	1 (3.2)	1.5 (0.2 - 10.8)	0 (0.0)	0.0 (0.0 - 0.0)
Digestive	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	1 (6.7)	1.1 (0.2 - 7.6)
Mental & behavioural	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	1 (3.2)	1.5 (0.2 - 10.8)	0 (0.0)	0.0 (0.0 - 0.0)
Genitourinary	1 (3.8)	2.5 (0.4 - 17.6)	1 (6.7)	2.3 (0.3 - 16.2)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Common causes of death - 5 to 14 years (trend)

Figure 31 Common causes of death, 5 to 14 years, two year average, Northern Territory Indigenous, 1967-68 to 2005-06

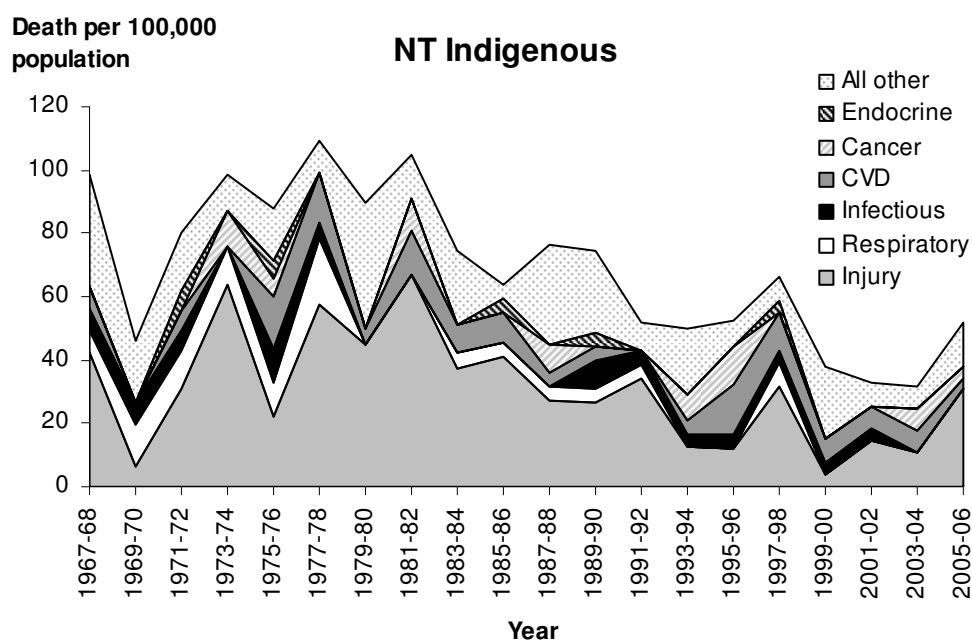
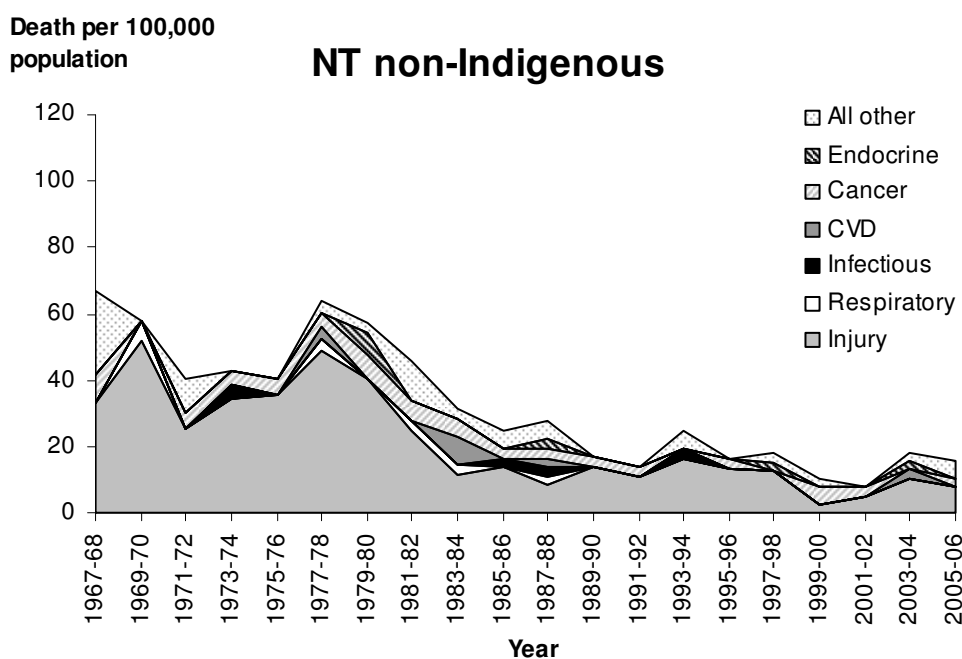


Figure 32 Common causes of death, 5 to 14 years, two year average, Northern Territory non-Indigenous, 1967-68 to 2005-06



Common causes of death - 15 to 24 years

Figure 33 Common causes of death in males aged 15 to 24 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

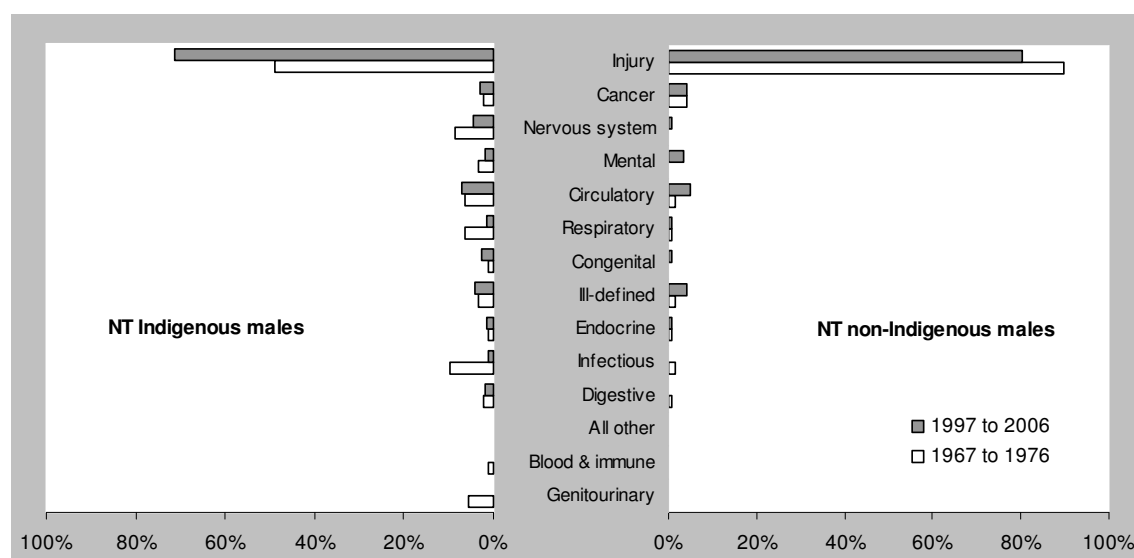
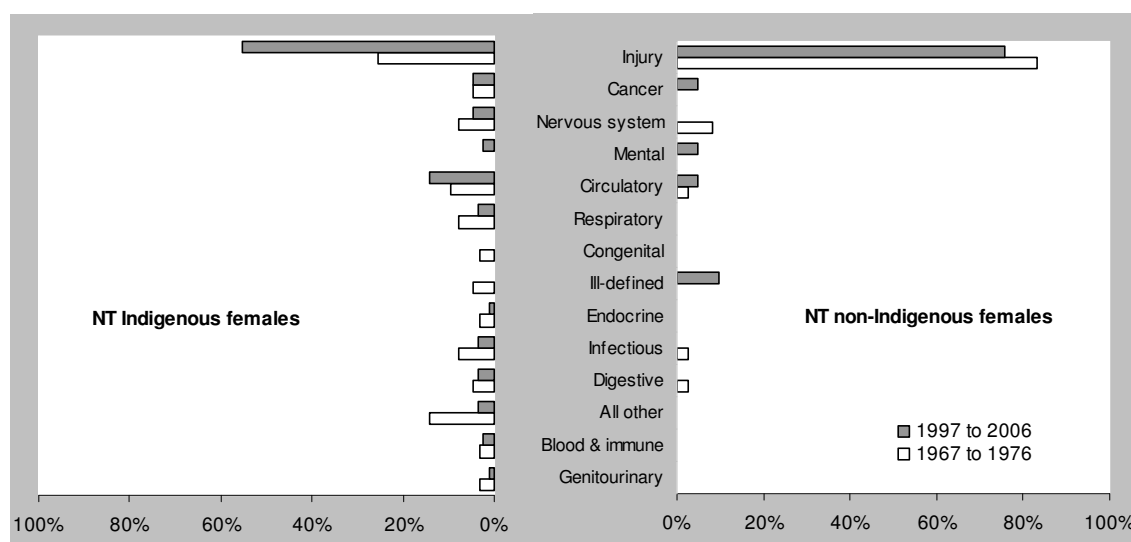


Figure 34 Common causes of death in females aged 15 to 24 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006



Common causes of death - 15 to 24 years (males)

Table 35 Common causes of death by major disease categories, with percentage distribution and age adjusted death rate, males aged 15 to 24 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

Cause of death	1967 to 1976				1997 to 2006			
	NT Indigenous		NT non-Indigenous		NT Indigenous		NT non-Indigenous	
	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)
Injury & poisoning	45 (48.9)	157.0 (117.3 - 210.3)	134 (89.9)	236.5 (199.7 - 280.1)	144 (71.3)	245.0 (208.1 - 288.4)	99 (80.5)	95.8 (78.6 - 116.6)
Cancer	2 (2.2)	7.0 (1.8 - 27.9)	6 (4.0)	10.6 (4.8 - 23.6)	6 (3.0)	10.2 (4.6 - 22.7)	5 (4.1)	4.8 (2.0 - 11.6)
Nervous system	8 (8.7)	27.9 (14.0 - 55.8)	0 (0.0)	0.0 (0.0 - 0.0)	9 (4.5)	15.3 (8.0 - 29.4)	1 (0.8)	1.0 (0.1 - 6.9)
Mental & behavioural	3 (3.3)	10.5 (3.4 - 32.5)	0 (0.0)	0.0 (0.0 - 0.0)	4 (2.0)	6.8 (2.6 - 18.1)	4 (3.3)	3.9 (1.5 - 10.3)
Respiratory	6 (6.5)	20.9 (9.4 - 46.6)	2 (1.3)	3.5 (0.9 - 14.1)	14 (6.9)	23.8 (14.1 - 40.2)	6 (4.9)	5.8 (2.6 - 12.9)
Circulatory	6 (6.5)	20.9 (9.4 - 46.6)	1 (0.7)	1.8 (0.3 - 12.5)	3 (1.5)	5.1 (1.7 - 15.8)	1 (0.8)	1.0 (0.1 - 6.9)
Congenital	1 (1.1)	3.5 (0.5 - 24.8)	0 (0.0)	0.0 (0.0 - 0.0)	5 (2.5)	8.5 (3.5 - 20.4)	1 (0.8)	1.0 (0.1 - 6.9)
Ill-defined	3 (3.3)	10.5 (3.4 - 32.5)	2 (1.3)	3.5 (0.9 - 14.1)	8 (4.0)	13.6 (6.8 - 27.2)	5 (4.1)	4.8 (2.0 - 11.6)
Endocrine & nutritional	1 (1.1)	3.5 (0.5 - 24.8)	1 (0.7)	1.8 (0.3 - 12.5)	3 (1.5)	5.1 (1.7 - 15.8)	1 (0.8)	1.0 (0.1 - 6.9)
Infectious disease	9 (9.8)	31.4 (16.3 - 60.4)	2 (1.3)	3.5 (0.8 - 14.1)	2 (1.0)	3.4 (0.8 - 13.6)	0 (0.0)	0.0 (0.0 - 0.0)
Digestive	2 (2.2)	7.0 (1.8 - 27.9)	1 (0.7)	1.8 (0.3 - 12.5)	4 (2.0)	6.8 (2.6 - 18.1)	0 (0.0)	0.0 (0.0 - 0.0)
All other	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)
Blood & immune	1 (1.1)	3.5 (0.5 - 24.8)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)
Genitourinary	5 (5.4)	17.5 (7.3 - 41.9)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Common causes of death - 15 to 24 years (females)

Table 36 Common causes of death by major disease categories, with percentage distribution and age adjusted death rate, females aged 15 to 24 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

Cause of death	1967 to 1976				1997 to 2006			
	NT Indigenous		NT non-Indigenous		NT Indigenous		NT non-Indigenous	
	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)
Injury & poisoning	16 (25.4)	58.2 (35.6 - 95.0)	30 (83.3)	63.8 (44.6 - 91.3)	47 (55.3)	80.7 (60.7 - 107.4)	31 (75.6)	33.8 (23.8 - 48.1)
Cancer	3 (4.8)	10.9 (3.5 - 33.8)	0 (0.0)	0.0 (0.0 - 0.0)	4 (4.7)	6.9 (2.6 - 18.3)	2 (4.9)	2.2 (0.6 - 8.7)
Nervous system	5 (7.9)	18.2 (7.6 - 43.7)	3 (8.3)	6.4 (2.1 - 19.8)	4 (4.7)	6.9 (2.6 - 18.3)	0 (0.0)	0.0 (0.0 - 0.0)
Mental & behavioural	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	2 (2.4)	3.4 (0.9 - 13.7)	2 (4.9)	2.2 (0.6 - 8.7)
Respiratory	5 (7.9)	18.2 (7.6 - 43.7)	0 (0.0)	0.0 (0.0 - 0.0)	3 (3.5)	5.2 (1.7 - 16.0)	0 (0.0)	0.0 (0.0 - 0.0)
Circulatory	6 (9.5)	21.8 (9.8 - 48.6)	1 (2.8)	2.1 (0.3 - 15.1)	12 (14.1)	20.6 (11.7 - 36.3)	2 (4.9)	2.2 (0.6 - 8.7)
Congenital	2 (3.2)	7.3 (1.8 - 29.1)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)
Ill-defined	3 (4.8)	10.9 (3.5 - 33.8)	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	4 (9.8)	4.4 (1.6 - 11.6)
Endocrine & nutritional	2 (3.2)	7.3 (1.8 - 29.1)	0 (0.0)	0.0 (0.0 - 0.0)	1 (1.2)	1.7 (0.2 - 12.2)	0 (0.0)	0.0 (0.0 - 0.0)
Infectious disease	5 (7.9)	18.2 (7.6 - 43.7)	1 (2.8)	2.1 (0.3 - 15.1)	3 (3.5)	5.2 (1.7 - 16.0)	0 (0.0)	0.0 (0.0 - 0.0)
Digestive	3 (4.8)	10.9 (3.5 - 33.8)	1 (2.8)	2.1 (0.3 - 15.1)	3 (3.5)	5.2 (1.7 - 16.0)	0 (0.0)	0.0 (0.0 - 0.0)
All other	9 (14.3)	32.7 (17.0 - 62.9)	0 (0.0)	0.0 (0.0 - 0.0)	3 (3.5)	5.2 (1.7 - 16.0)	0 (0.0)	0.0 (0.0 - 0.0)
Blood & immune	2 (3.2)	7.3 (1.8 - 29.1)	0 (0.0)	0.0 (0.0 - 0.0)	2 (2.4)	3.4 (0.9 - 13.7)	0 (0.0)	0.0 (0.0 - 0.0)
Genitourinary	2 (3.2)	7.3 (1.8 - 29.1)	0 (0.0)	0.0 (0.0 - 0.0)	1 (1.2)	1.7 (0.2 - 12.2)	0 (0.0)	0.0 (0.0 - 0.0)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Common causes of death - 15 to 24 years (trend)

Figure 35 Common causes of death, 15 to 24 years, two year average, Northern Territory Indigenous, 1967-68 to 2005-06

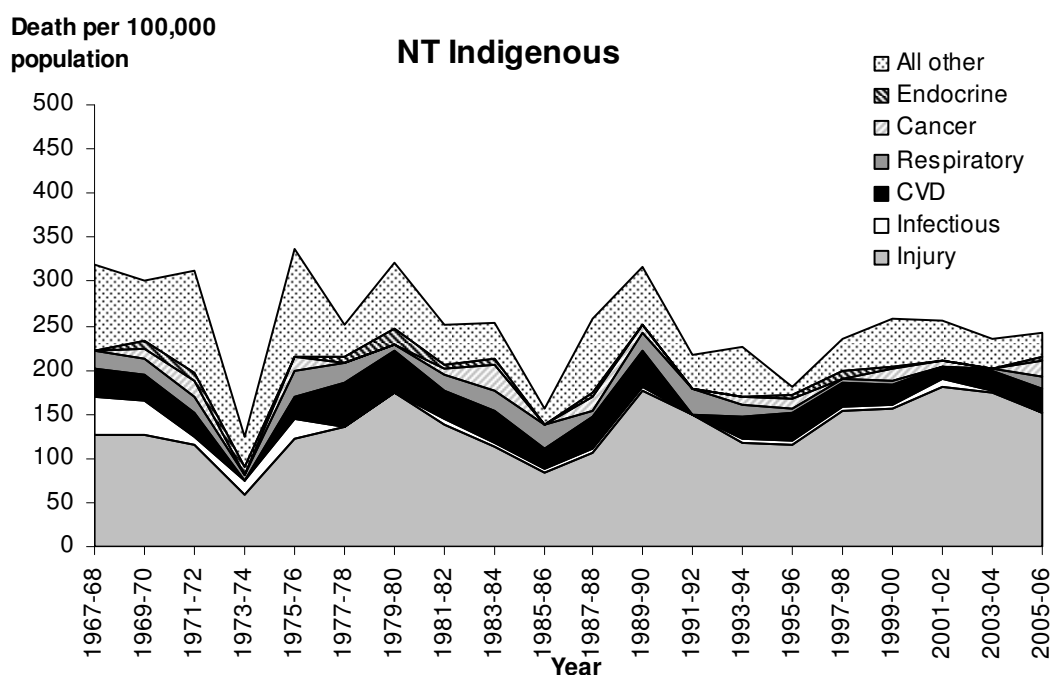
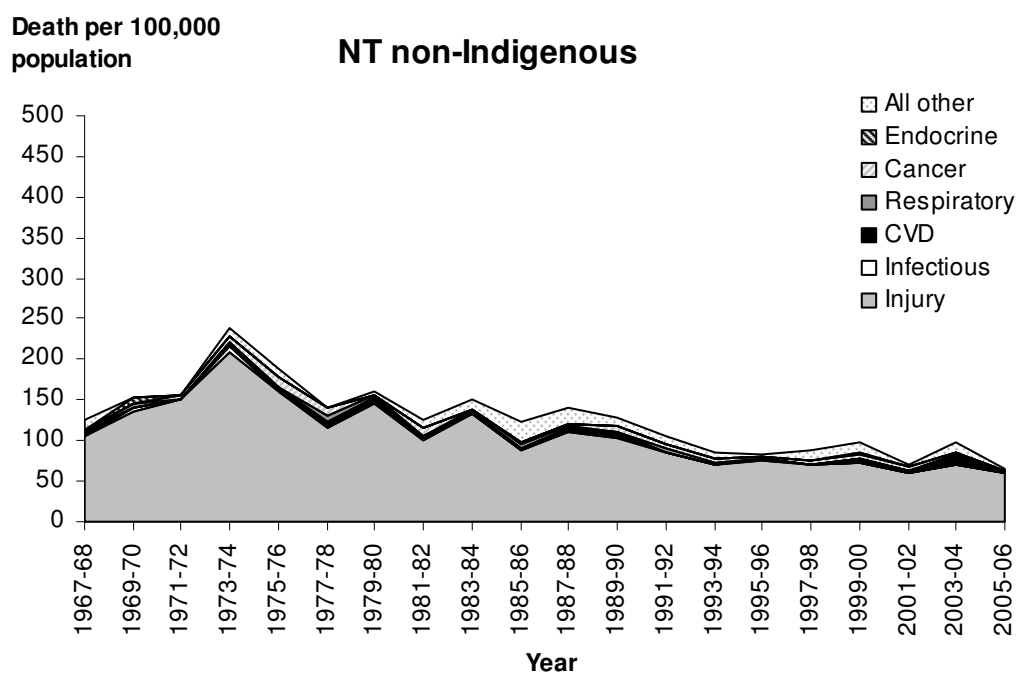


Figure 36 Common causes of death, 15 to 24 years, two year average, Northern Territory non-Indigenous, 1967-68 to 2005-06



Common causes of death - 25 to 44 years

Figure 37 Common causes of death in males aged 25 to 44 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

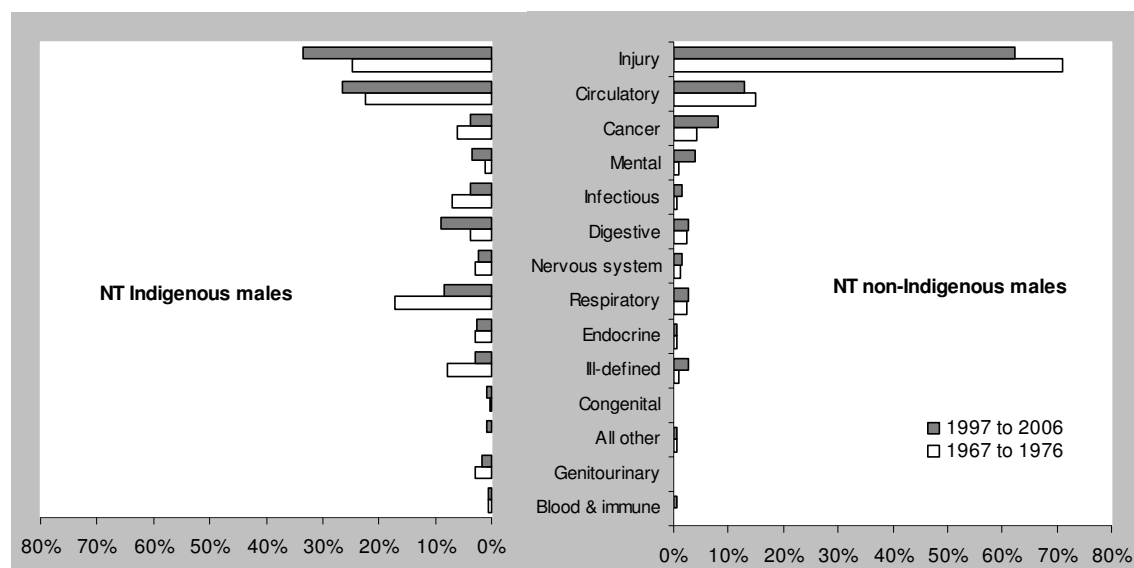
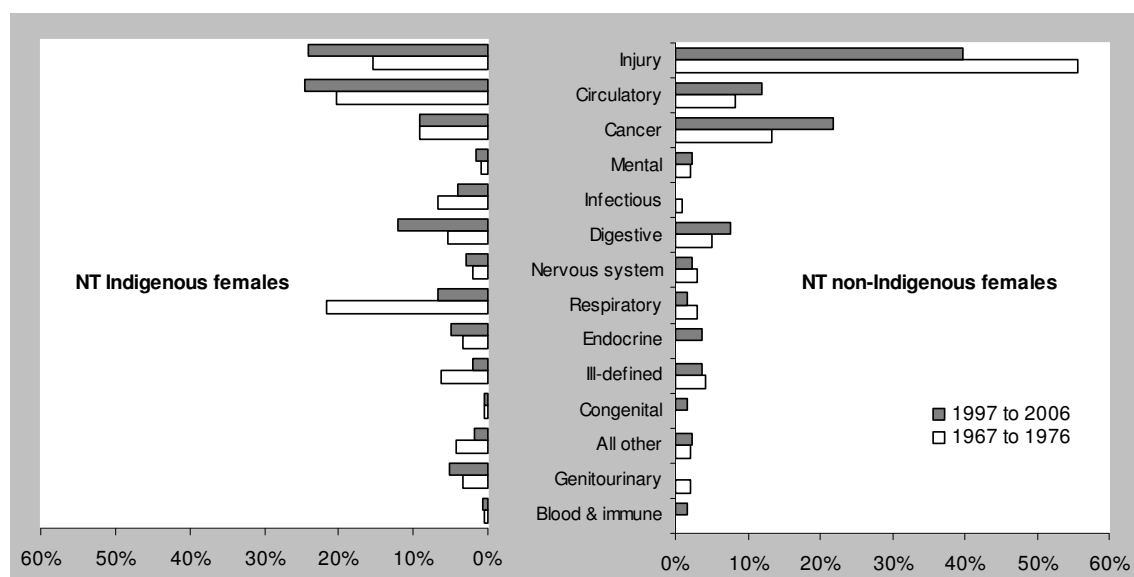


Figure 38 Common causes of death in females aged 25 to 44 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006



Common causes of death - 25 to 44 years (males)

Table 37 Common causes of death by major disease categories, with percentage distribution and age adjusted death rate, males aged 25 to 44 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

Cause of death	1967 to 1976				1997 to 2006			
	NT Indigenous		NT non-Indigenous		NT Indigenous		NT non-Indigenous	
	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)
Injury & poisoning	81 (24.7)	244.6 (196.7 - 304.1)	271 (70.9)	202.7 (179.9 - 228.3)	267 (33.5)	319.1 (283.0 - 359.8)	264 (62.4)	96.8 (85.8 - 109.2)
Circulatory	73 (22.3)	220.4 (175.2 - 277.2)	57 (14.9)	42.6 (32.9 - 55.3)	210 (26.4)	251.0 (219.2 - 287.3)	55 (13.0)	20.2 (15.5 - 26.3)
Cancer	20 (6.1)	60.4 (39.0 - 93.6)	16 (4.2)	12.0 (7.3 - 19.5)	30 (3.8)	35.9 (25.1 - 51.3)	34 (8.0)	12.5 (8.9 - 17.5)
Mental & behavioural	4 (1.2)	12.1 (4.5 - 211.2)	4 (1.0)	3.0 (1.1 - 8.0)	28 (3.5)	33.5 (23.1 - 48.5)	16 (3.8)	5.9 (3.6 - 9.6)
Infectious disease	23 (7.0)	69.4 (46.1 - 104.5)	2 (0.5)	1.5 (0.4 - 6.0)	30 (3.8)	35.9 (25.1 - 51.3)	6 (1.4)	2.2 (1.0 - 4.0)
Digestive	12 (3.7)	36.2 (20.6 - 63.8)	9 (2.4)	6.7 (3.5 - 12.9)	72 (9.0)	86.1 (68.3 - 108.4)	12 (2.8)	4.4 (2.5 - 7.8)
Nervous system	10 (3.0)	30.2 (16.2 - 56.1)	5 (1.3)	3.7 (1.6 - 9.0)	19 (2.4)	22.7 (14.5 - 35.6)	6 (1.4)	2.2 (1.0 - 4.9)
Respiratory	56 (17.1)	169.1 (130.1 - 219.1)	9 (2.4)	6.7 (3.5 - 12.9)	66 (8.3)	78.9 (62.0 - 100.4)	12 (2.8)	4.4 (2.5 - 7.8)
Endocrine & nutritional	10 (3.0)	30.2 (16.2 - 56.1)	2 (0.5)	1.5 (0.4 - 6.0)	20 (2.5)	23.9 (15.4 - 37.0)	2 (0.5)	0.7 (0.2 - 2.9)
Ill-defined	26 (7.9)	78.5 (53.5 - 115.3)	4 (1.0)	3.0 (1.1 - 8.0)	23 (2.9)	27.5 (18.3 - 41.4)	12 (2.8)	4.4 (2.5 - 7.8)
Congenital	1 (0.3)	3.0 (0.4 - 21.4)	1 (0.3)	0.8 (0.1 - 5.3)	7 (0.9)	8.4 (4.0 - 17.5)	0 (0.0)	0.0 (0.0 - 0.0)
All other	0 (0.0)	0.0 (0.0 - 0.0)	2 (0.5)	1.5 (0.4 - 6.0)	6 (0.8)	7.2 (3.2 - 16.0)	2 (0.5)	0.7 (0.2 - 2.9)
Genitourinary	10 (3.0)	30.2 (16.2 - 56.1)	0 (0.0)	0.0 (0.0 - 0.0)	13 (1.6)	15.5 (9.2 - 26.8)	0 (0.0)	0.0 (0.0 - 0.0)
Blood & immune	2 (0.6)	6.0 (1.5 - 24.1)	0 (0.0)	0.0 (0.0 - 0.0)	5 (0.6)	6.0 (2.5 - 14.4)	2 (0.5)	0.7 (0.2 - 2.9)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Common causes of death - 25 to 44 years (females)

Table 38 Common causes of death by major disease categories, with percentage distribution and age adjusted death rate, females aged 25 to 44 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

Cause of death	1967 to 1976				1997 to 2006			
	NT Indigenous		NT non-Indigenous		NT Indigenous		NT non-Indigenous	
	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)
Injury & poisoning	32 (15.5)	101.6 (71.9 - 143.7)	54 (55.7)	63.3 (48.5 - 82.7)	105 (24)	120.0 (99.1 - 145.3)	53 (39.8)	21.5 (16.4 - 28.1)
Circulatory	42 (20.3)	133.4 (98.6 - 180.5)	8 (8.2)	9.4 (4.7 - 18.8)	107 (24.5)	122.3 (101.2 - 147.8)	16 (12)	6.5 (4.0 - 10.6)
Cancer	19 (9.2)	60.3 (38.5 - 94.6)	13 (13.4)	15.3 (8.9 - 26.3)	40 (9.2)	45.7 (33.5 - 62.3)	29 (21.8)	11.7 (8.2 - 16.9)
Mental & behavioural	2 (1)	6.4 (1.6 - 25.4)	2 (2.1)	2.4 (0.6 - 9.4)	7 (1.6)	8.0 (3.8 - 16.8)	3 (2.3)	1.2 (0.4 - 3.7)
Infectious disease	14 (6.8)	44.5 (26.3 - 75.1)	1 (1)	1.2 (0.2 - 8.3)	18 (4.1)	20.6 (13.0 - 32.6)	0 (0)	0.0 (0.0 - 0.0)
Digestive	11 (5.3)	34.9 (19.3 - 63.1)	5 (5.2)	5.9 (2.4 - 14.1)	53 (12.1)	60.6 (46.3 - 79.3)	10 (7.5)	4.1 (2.2 - 7.5)
Nervous system	4 (1.9)	12.7 (4.8 - 33.8)	3 (3.1)	3.5 (1.1 - 10.9)	13 (3)	14.9 (8.6 - 25.6)	3 (2.3)	1.2 (0.4 - 3.8)
Respiratory	45 (21.7)	142.9 (106.7 - 191.4)	3 (3.1)	3.5 (1.1 - 10.9)	29 (6.6)	33.1 (23.0 - 47.7)	2 (1.5)	0.8 (0.2 - 3.2)
Endocrine & nutritional	7 (3.4)	22.2 (10.6 - 46.6)	0 (0)	0.0 (0.0 - 0.0)	21 (4.8)	24.0 (15.6 - 36.8)	5 (3.8)	2.0 (0.8 - 4.9)
Ill-defined	13 (6.3)	41.3 (24.0 - 71.1)	4 (4.1)	4.7 (1.8 - 12.5)	9 (2.1)	10.3 (5.4 - 19.8)	5 (3.8)	2.0 (0.8 - 4.9)
Congenital	1 (0.5)	3.2 (0.4 - 22.5)	0 (0)	0.0 (0.0 - 0.0)	2 (0.5)	2.3 (0.6 - 9.1)	2 (1.5)	0.8 (0.2 - 3.2)
All Other	9 (4.3)	28.6 (14.9 - 54.9)	2 (2.1)	2.4 (0.6 - 9.4)	8 (1.8)	9.1 (4.6 - 18.3)	3 (2.3)	1.2 (0.4 - 3.8)
Genitourinary	7 (3.4)	22.2 (10.6 - 46.6)	2 (2.1)	2.4 (0.6 - 9.4)	22 (5)	25.1 (16.6 - 38.2)	0 (0)	0.0 (0.0 - 0.0)
Blood & immune	1 (0.5)	3.2 (0.4 - 22.5)	0 (0)	0.0 (0.0 - 0.0)	3 (0.7)	3.4 (1.1 - 10.6)	2 (1.5)	0.8 (0.2 - 3.2)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Common causes of death - 25 to 44 years (trend)

Figure 39 Common causes of death, 25 to 44 years, two year average, Northern Territory Indigenous, 1967-68 to 2005-06

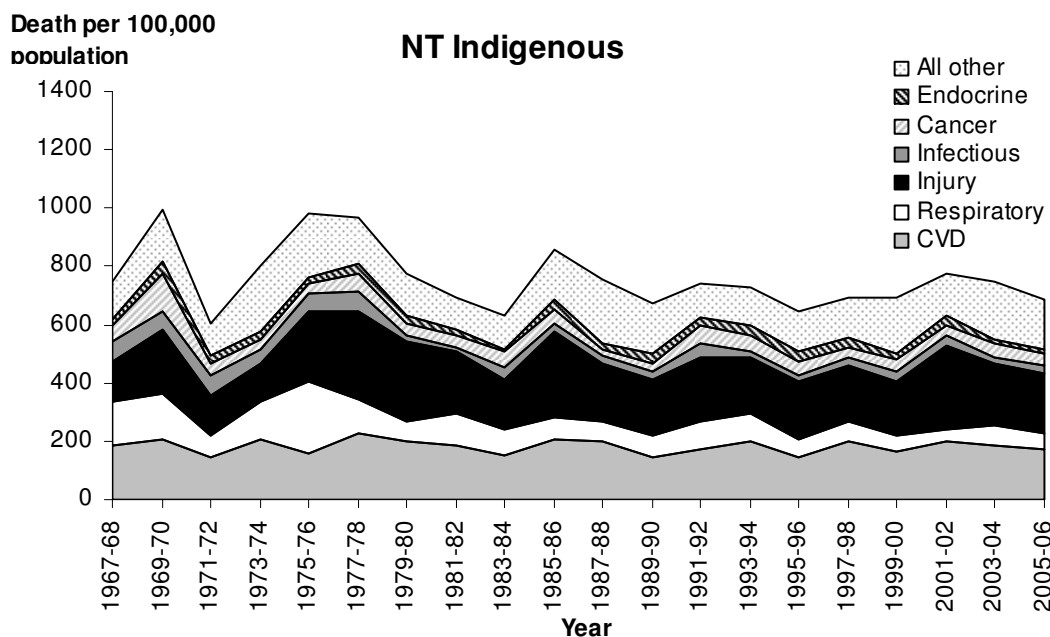
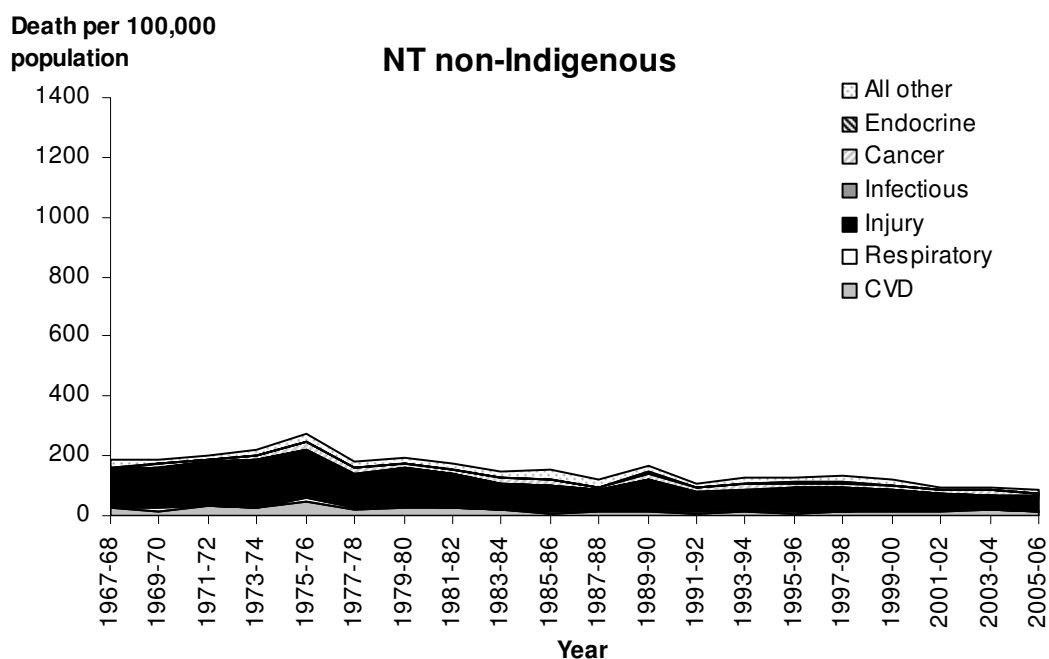


Figure 40 Common causes of death, 25 to 44 years, two year average, Northern Territory non-Indigenous, 1967-68 to 2005-06



Common causes of death - 45 to 64 years

Figure 41 Common causes of death in males aged 45 to 64 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

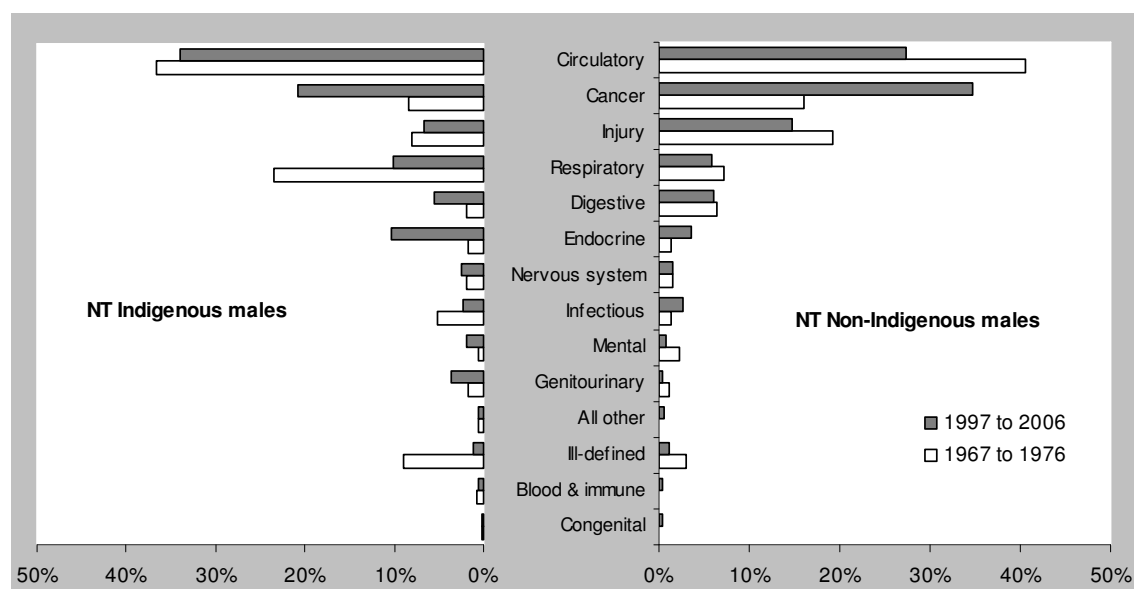
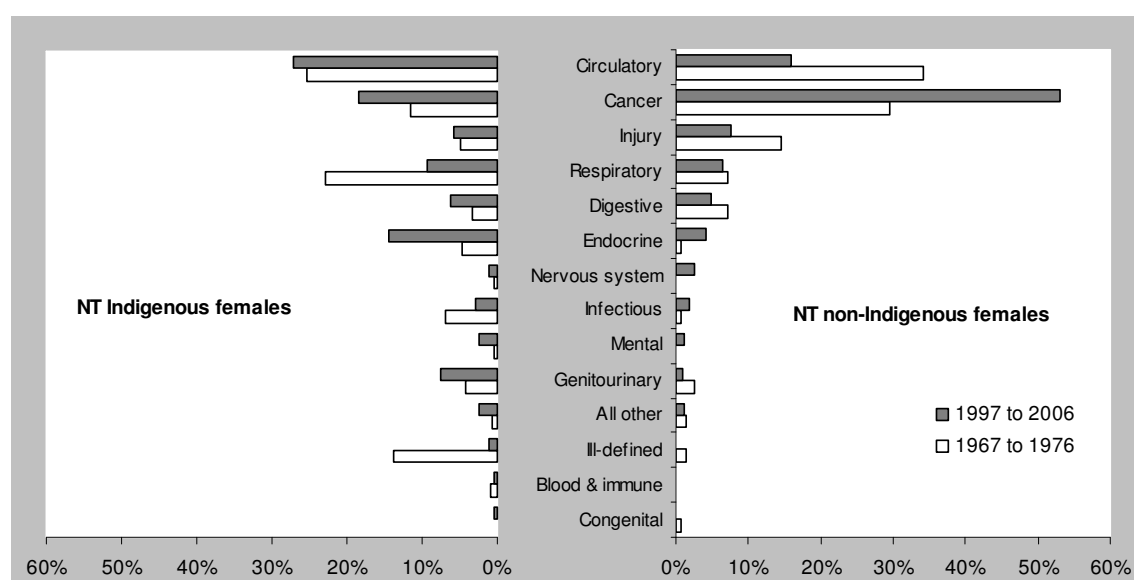


Figure 42 Common causes of death in females aged 45 to 64 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006



Common causes of death - 45 to 64 years (males)

Table 39 Common causes of death by major disease categories, with percentage distribution and age adjusted death rate, males aged 45 to 64 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

Cause of death	1967 to 1976				1997 to 2006			
	NT Indigenous		NT non-Indigenous		NT Indigenous		NT non-Indigenous	
	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)
Circulatory	196 (36.6)	1222.8 (1063.0 - 1406.5)	228 (40.6)	542.2 (476.2 - 617.3)	267 (34.0)	837.4 (742.7 - 944.1)	269 (27.4)	147.4 (130.8 - 166.1)
Cancer	45 (8.4)	280.7 (209.6 - 376.0)	90 (16.0)	214.0 (174.1 - 263.1)	164 (20.9)	514.3 (441.4 - 599.4)	341 (34.7)	186.9 (168.1 - 207.8)
Injury & poisoning	43 (8.0)	268.3 (199.0 - 361.7)	108 (19.3)	256.8 (212.7 - 310.1)	53 (6.8)	166.2 (127.0 - 217.6)	145 (14.8)	79.5 (67.5 - 93.5)
Respiratory	126 (23.6)	786.1 (660.1 - 936.0)	40 (7.1)	95.1 (69.8 - 129.7)	79 (10.1)	247.8 (198.7 - 308.9)	57 (5.8)	31.2 (24.1 - 40.5)
Digestive	10 (1.9)	62.4 (33.6 - 115.9)	36 (6.4)	85.6 (61.8 - 118.7)	43 (5.5)	134.9 (100.0 - 181.8)	60 (6.1)	32.9 (25.5 - 42.4)
Endocrine & nutritional	9 (1.7)	56.1 (29.2 - 107.1)	7 (1.2)	16.6 (7.9 - 34.9)	81 (10.3)	254.0 (204.3 - 315.8)	35 (3.6)	19.2 (13.8 - 26.7)
Nervous system	10 (1.9)	62.4 (33.6 - 115.9)	8 (1.4)	19.0 (9.5 - 38.0)	19 (2.4)	59.6 (38.0 - 93.4)	14 (1.4)	7.7 (4.5 - 13.0)
Infectious disease	28 (5.2)	174.7 (120.6 - 253.0)	7 (1.2)	16.7 (7.9 - 34.9)	18 (2.3)	56.5 (35.6 - 89.6)	26 (2.6)	14.3 (9.7 - 20.9)
Mental & behavioural	3 (0.6)	18.7 (6.0 - 58.0)	13 (2.3)	30.9 (18.0 - 53.2)	15 (1.9)	47.0 (28.4 - 78.0)	8 (0.8)	4.4 (2.2 - 8.8)
Genitourinary	9 (1.7)	56.1 (29.2 - 107.1)	6 (1.1)	14.3 (6.4 - 31.8)	28 (3.6)	87.8 (60.6 - 127.2)	4 (0.4)	2.2 (0.8 - 5.8)
All other	3 (0.6)	18.7 (6.0 - 58.0)	0 (0.0)	0.0 (0.0 - 0.0)	4 (0.5)	12.6 (4.7 - 33.4)	6 (0.6)	3.3 (1.5 - 7.3)
Ill-defined	48 (9.0)	299.5 (225.7 - 397.4)	17 (3)	40.4 (25.1 - 65.0)	9 (1.1)	28.2 (14.7 - 54.2)	11 (1.1)	6.0 (3.3 - 10.9)
Blood & immune	4 (0.7)	25.0 (9.4 - 66.5)	1 (0.2)	2.4 (0.3 - 16.9)	4 (0.5)	12.6 (4.7 - 33.4)	3 (0.3)	1.6 (0.5 - 5.1)
Congenital	1 (0.2)	6.2 (0.8 - 44.3)	0 (0.0)	0.0 (0.0 - 0.0)	1 (0.1)	3.1 (0.4 - 22.3)	4 (0.4)	2.2 (0.8 - 5.8)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Common causes of death - 45 to 64 years (females)

Table 40 Common causes of death by major disease categories, with percentage distribution and age adjusted death rate, females aged 45 to 64 years, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

Cause of death	1967 to 1976				1997 to 2006			
	NT Indigenous		NT non-Indigenous		NT Indigenous		NT non-Indigenous	
	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)
Circulatory	107 (25.2)	645.1 (533.8 - 779.7)	52 (34.2)	225.6 (171.9 - 296.1)	159 (27.0)	437.9 (374.9 - 511.6)	59 (16.0)	41.3 (32.0 - 53.4)
Cancer	49 (11.6)	295.4 (223.3 - 390.9)	45 (29.6)	195.2 (145.8 - 261.5)	109 (18.5)	300.2 (248.8 - 362.2)	195 (53)	136.6 (118.7 - 157.2)
Injury & poisoning	21 (5.0)	126.6 (82.6 - 194.2)	22 (14.5)	95.5 (62.8 - 145.0)	34 (5.8)	93.6 (66.9 - 131.1)	28 (7.6)	19.6 (13.5 - 28.4)
Respiratory	97 (22.9)	584.8 (479.3 - 713.6)	11 (7.2)	47.7 (26.4 - 86.2)	55 (9.4)	151.5 (116.3 - 197.3)	24 (6.5)	16.8 (11.3 - 25.1)
Digestive	14 (3.3)	84.4 (50.0 - 142.5)	11 (7.2)	47.7 (26.4 - 86.2)	37 (6.3)	101.9 (73.8 - 140.6)	18 (4.9)	12.6 (7.9 - 20.0)
Endocrine & nutritional	20 (4.7)	120.6 (77.8 - 186.9)	1 (0.7)	4.3 (0.6 - 30.8)	85 (14.5)	234.1 (189.3 - 289.6)	15 (4.1)	10.5 (6.3 - 17.4)
Nervous system	2 (0.5)	12.1 (3.0 - 48.2)	0 (0.0)	0.0 (0.0 - 0.0)	7 (1.2)	19.3 (9.2 - 40.4)	9 (2.4)	6.3 (3.3 - 12.1)
Infectious disease	29 (6.8)	174.9 (121.5 - 251.6)	1 (0.7)	4.3 (0.6 - 30.8)	17 (2.9)	46.8 (29.1 - 75.3)	7 (1.9)	4.9 (2.3 - 10.3)
Mental & behavioural	2 (0.5)	12.1 (3.0 - 48.2)	0 (0.0)	0.0 (0.0 - 0.0)	14 (2.4)	38.6 (22.8 - 65.1)	4 (1.1)	2.8 (1.0 - 7.5)
Genitourinary	18 (4.2)	108.5 (68.4 - 172.3)	4 (2.6)	17.4 (6.5 - 46.2)	45 (7.7)	123.9 (92.5 - 166.0)	3 (0.8)	2.1 (0.7 - 6.5)
All other	3 (0.7)	18.1 (5.8 - 56.1)	2 (1.3)	8.7 (2.2 - 34.7)	14 (2.4)	38.6 (22.8 - 65.1)	4 (1.1)	2.8 (1.0 - 7.5)
Ill-defined	58 (13.7)	349.7 (270.3 - 452.3)	2 (1.3)	8.7 (2.2 - 34.7)	7 (1.2)	19.3 (9.2 - 40.4)	1 (0.3)	0.7 (0.1 - 5.0)
Blood & immune	4 (0.9)	24.1 (9.1 - 64.3)	0 (0.0)	0.0 (0.0 - 0.0)	3 (0.5)	8.3 (2.7 - 25.6)	0 (0.0)	0.0 (0.0 - 0.0)
Congenital	0 (0.0)	0.0 (0.0 - 0.0)	1 (0.7)	4.3 (0.6 - 30.8)	2 (0.3)	5.5 (1.4 - 22.0)	1 (0.3)	0.7 (0.1 - 5.0)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Common causes of death - 45 to 64 years (trend)

Figure 43 Common causes of death, 45 to 64 years, two year average, Northern Territory Indigenous, 1967-68 to 2005-06

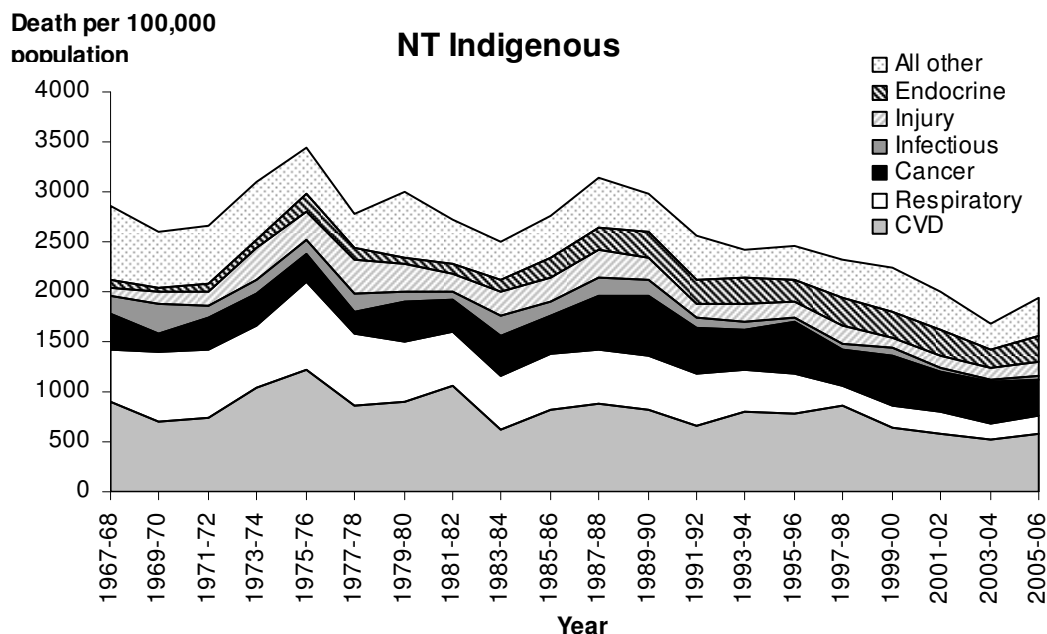
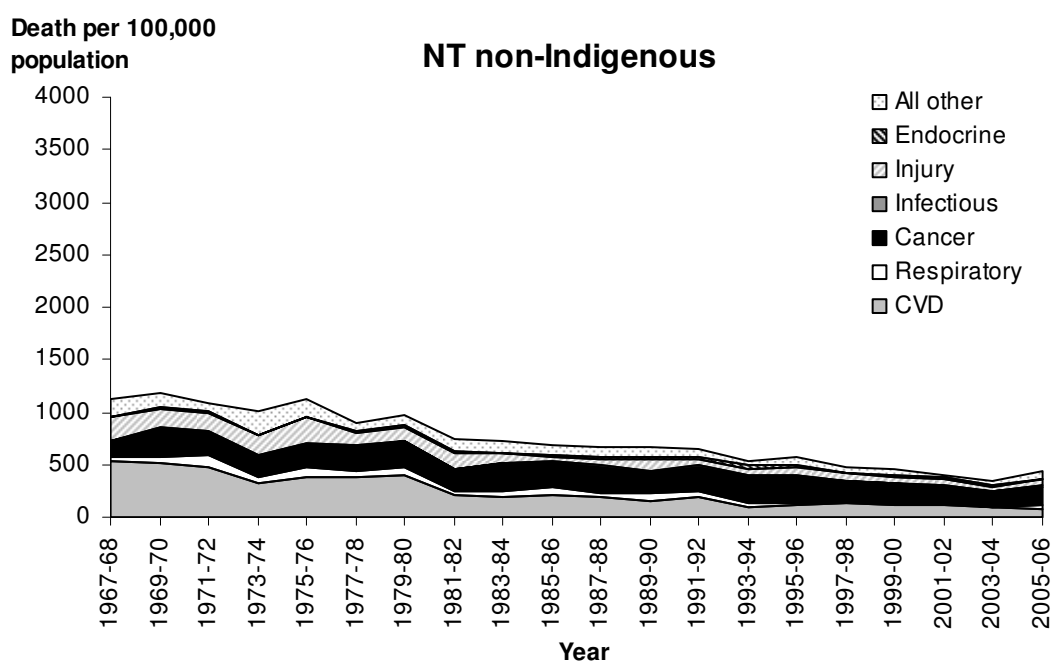


Figure 44 Common causes of death, 45 to 64 years, two year average, Northern Territory non-Indigenous, 1967-68 to 2005-06



Common causes of death - 65 years and over

Figure 45 Common causes of death in males aged 65 years and over, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

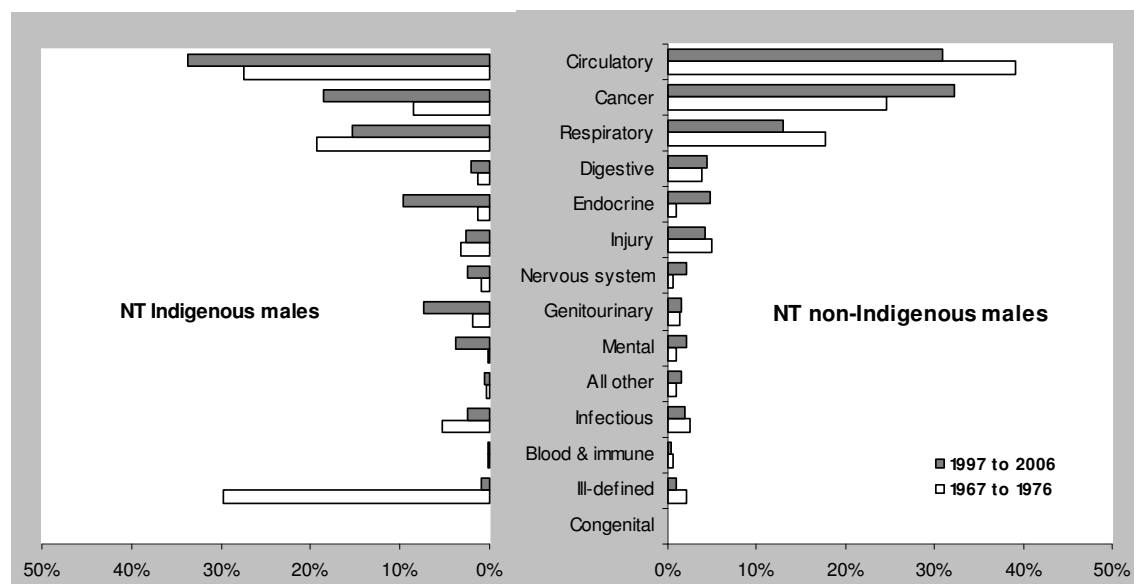
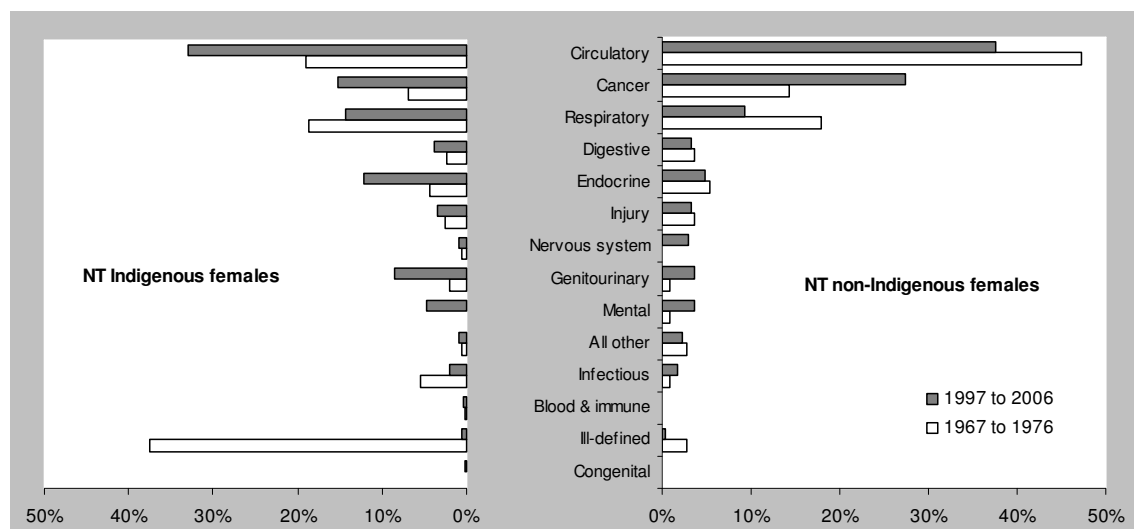


Figure 46 Common causes of death in females aged 65 years and over, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006



Common causes of death - 65 years and over (males)

Table 41 Common causes of death by major disease categories, with percentage distribution and age adjusted death rate, males aged 65 years and over, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

Cause of death	1967 to 1976				1997 to 2006			
	NT Indigenous		NT non-Indigenous		NT Indigenous		NT non-Indigenous	
	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)
Circulatory	142 (27.5)	2658.7 (2255.5 - 3134.0)	126 (39.1)	2820.1 (2368.2 - 3358.1)	176 (33.8)	2684.2 (2315.5 - 3111.5)	415 (30.9)	1238.2 (1124.6 - 1363.3)
Cancer	44 (8.5)	823.8 (613.1 - 1107.0)	79 (24.5)	1768.1 (1418.2 - 2204.4)	97 (18.6)	1479.3 (1212.4 - 1805.1)	432 (32.2)	1288.9 (1172.9 - 1416.4)
Respiratory	100 (19.3)	1872.3 (1539.1 - 2277.7)	57 (17.7)	1275.7 (984.1 - 1653.9)	80 (15.4)	1220.1 (980.0 - 1519.0)	173 (12.9)	516.2 (444.7 - 599.1)
Digestive	7 (1.4)	131.1 (62.5 - 274.9)	12 (3.7)	268.6 (152.5 - 472.9)	11 (2.1)	167.8 (92.9 - 302.9)	58 (4.3)	173.1 (133.8 - 223.8)
Endocrine & nutritional	7 (1.4)	131.1 (62.5 - 274.9)	3 (0.9)	67.1 (21.7 - 208.2)	50 (9.6)	762.5 (577.9 - 1006.1)	63 (4.7)	188.0 (146.8 - 240.6)
Injury & poisoning	17 (3.3)	318.3 (197.9 - 512.0)	16 (5.0)	358.1 (219.4 - 584.5)	14 (2.7)	213.5 (126.5 - 360.5)	57 (4.3)	170.1 (131.2 - 220.5)
Nervous system	5 (1.0)	93.6 (39.0 - 224.9)	2 (0.6)	44.8 (11.2 - 179.0)	13 (2.5)	198.3 (115.1 - 341.4)	29 (2.2)	86.5 (60.1 - 124.5)
Genitourinary	10 (1.9)	187.2 (100.7 - 348.0)	4 (1.2)	89.5 (33.6 - 238.5)	38 (7.3)	579.5 (421.7 - 796.5)	20 (1.5)	59.7 (38.5 - 92.5)
Mental & behavioural	1 (0.2)	18.7 (2.6 - 132.9)	3 (0.9)	67.1 (21.7 - 208.2)	20 (3.8)	305.0 (196.8 - 472.8)	28 (2.1)	83.5 (57.7 - 121.0)
All other	2 (0.4)	37.5 (9.4 - 149.7)	3 (0.9)	67.1 (21.7 - 208.2)	3 (0.6)	45.8 (14.8 - 141.9)	21 (1.6)	62.7 (40.9 - 96.1)
Infectious disease	27 (5.2)	505.5 (346.7 - 737.1)	8 (2.5)	179.1 (89.5 - 358.0)	13 (2.5)	198.3 (115.1 - 341.4)	26 (1.9)	77.6 (52.8 - 113.9)
Blood & immune	1 (0.2)	18.7 (2.6 - 132.9)	2 (0.6)	44.8 (11.2 - 179.0)	1 (0.2)	15.3 (2.1 - 108.3)	4 (0.3)	11.9 (4.5 - 31.8)
Ill-defined	154 (29.8)	2883.4 (2462.1 - 3376.7)	7 (2.2)	156.7 (74.7 - 328.6)	5 (1.0)	76.3 (31.7 - 183.2)	13 (1.0)	38.8 (22.5 - 66.8)
Congenital	0 (0.0)	0 (0.0) (0.0 - 0.0)	0 (0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	2 (0.1)	6.0 (1.5 - 23.9)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Common causes of death - 65 years and over (females)

Table 42 Common causes of death by major disease categories, with percentage distribution and age adjusted death rate, females aged 65 years and over, by Indigenous status, Northern Territory, 1967 to 1976 and 1997 to 2006

Cause of death	1967 to 1976				1997 to 2006			
	NT Indigenous		NT non-Indigenous		NT Indigenous		NT non-Indigenous	
	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)	No. (%)	Rate (95%CI)
Circulatory	74 (19)	1589.0 (1265.2 - 1995.6)	53 (47.3)	1988.0 (1518.8 - 2602.2)	193 (33)	1958.0 (1700.3 - 2254.7)	317 (37.5)	1212.5 (1086.1 - 1353.6)
Cancer	27 (6.9)	579.8 (397.6 - 845.4)	16 (14.3)	600.2 (367.7 - 979.6)	89 (15.2)	902.9 (733.5 - 1111.4)	231 (27.3)	883.6 (776.7 - 1005.2)
Respiratory	73 (18.7)	1567.5 (1246.2 - 1971.7)	20 (17.9)	750.2 (484.0 - 1162.8)	84 (14.4)	852.2 (688.1 - 1055.4)	78 (9.2)	298.4 (234.0 - 372.5)
Digestive	9 (2.3)	193.3 (100.6 - 371.4)	4 (3.6)	150.0 (56.3 - 399.8)	22 (3.8)	223.2 (147.0 - 339.0)	27 (3.2)	103.3 (70.8 - 150.6)
Endocrine & nutritional	17 (4.4)	365.0 (226.9 - 587.2)	6 (5.4)	225.1 (101.1 - 500.9)	71 (12.1)	720.3 (570.8 - 908.9)	41 (4.9)	156.8 (115.5 - 213.0)
Injury & poisoning	10 (2.6)	214.7 (115.5 - 399.1)	4 (3.6)	150.0 (56.3 - 399.8)	20 (3.4)	202.9 (130.9 - 314.5)	27 (3.2)	103.3 (70.8 - 150.6)
Nervous system	2 (0.5)	43.0 (10.7 - 171.7)	0 (0.0)	0.0 (0.0 - 0.0)	5 (0.9)	50.7 (21.1 - 121.9)	25 (3.0)	95.6 (64.6 - 141.5)
Genitourinary	8 (2.1)	171.8 (85.9 - 343.5)	1 (0.9)	37.5 (5.3 - 266.3)	50 (8.5)	507.3 (384.5 - 669.3)	30 (3.6)	114.8 (80.2 - 164.1)
Mental & behavioural	0 (0.0)	0.0 (0.0 - 0.0)	1 (0.9)	37.5 (5.3 - 266.3)	28 (4.8)	284.1 (196.1 - 411.4)	30 (3.6)	114.8 (80.2 - 164.1)
All other	2 (0.5)	43.0 (10.7 - 171.7)	3 (2.7)	112.5 (36.3 - 348.9)	5 (0.9)	50.7 (21.1 - 121.9)	19 (2.2)	72.7 (46.4 - 113.9)
Infectious disease	21 (5.4)	450.9 (294.0 - 691.6)	1 (0.9)	37.5 (5.3 - 266.3)	12 (2.1)	121.7 (69.1 - 214.4)	15 (1.8)	57.4 (34.6 - 95.2)
Blood & immune	1 (0.3)	21.5 (3.0 - 152.4)	0 (0.0)	0.0 (0.0 - 0.0)	2 (0.3)	20.3 (5.1 - 81.1)	2 (0.2)	7.7 (1.9 - 30.6)
Ill-defined	146 (37.4)	3135.1 (2665.6 - 3687.2)	3 (2.7)	112.5 (36.3 - 348.9)	3 (0.5)	30.4 (9.8 - 94.4)	3 (0.4)	11.5 (3.7 - 35.6)
Congenital	0 (0.0)	0.0 (0.0 - 0.0)	0 (0.0)	0.0 (0.0 - 0.0)	1 (0.2)	10.2 (1.4 - 72.0)	0 (0.0)	0.0 (0.0 - 0.0)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Common causes of death - 65 years and over (trend)

Figure 47 Common causes of death, 65 years and over, two year average, Northern Territory Indigenous, 1967-68 to 2005-06

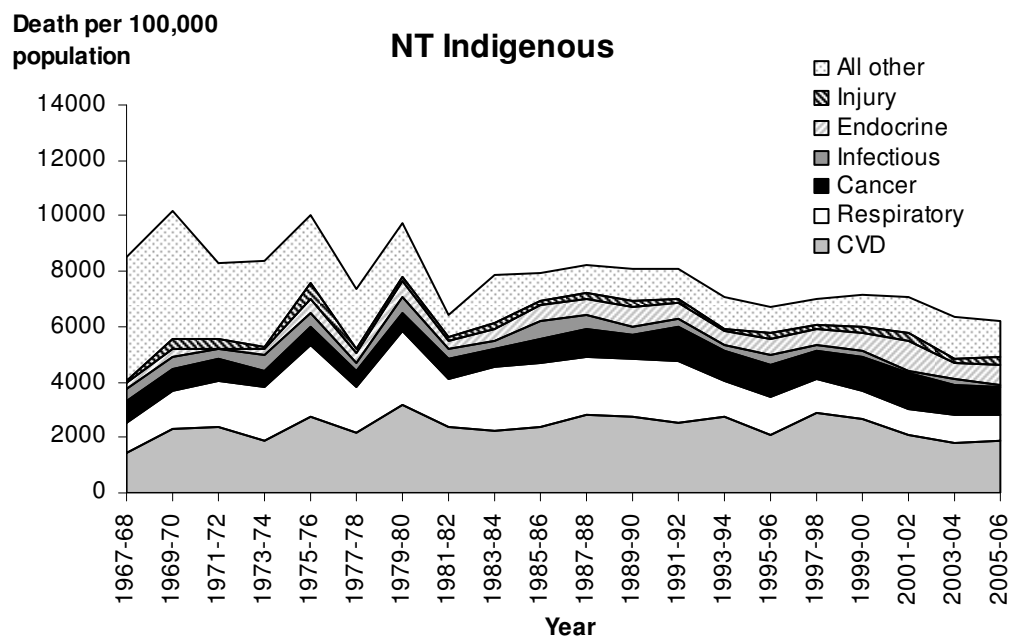
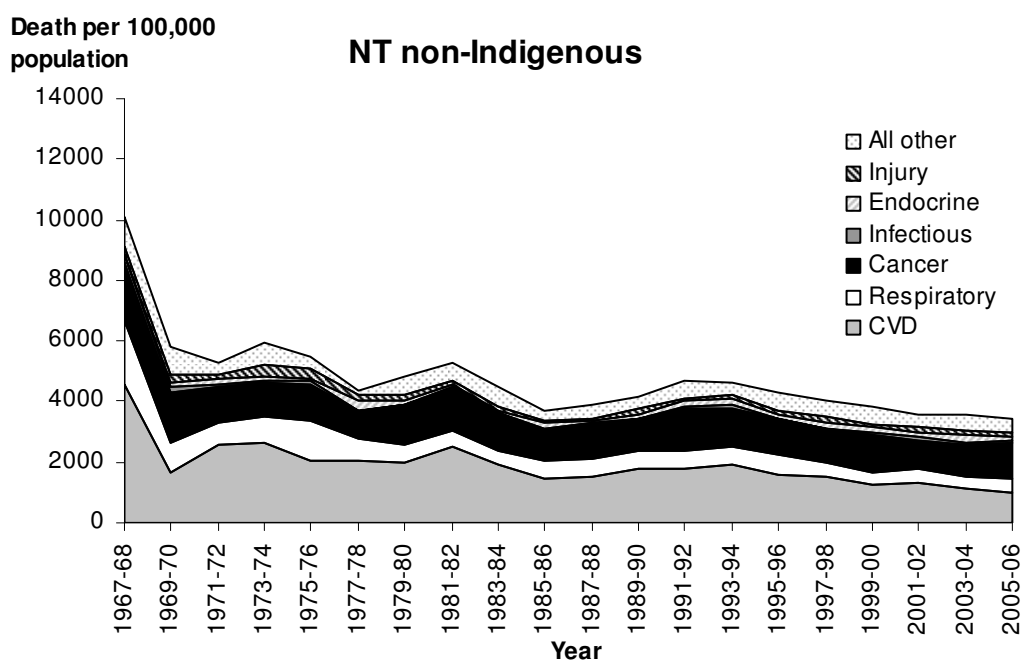


Figure 48 Common causes of death, 65 years and over, two year average, Northern Territory non-Indigenous, 1967-68 to 2005-06



4 Specific causes of death

Summary

Infectious and parasitic diseases

- Between 1967-70 and 2006, there was a substantial decline in age-adjusted death rates from infectious causes for Indigenous males (decreased by 71% from 179 to 52 per 100,000) and females (decrease by 89% from 203 to 23 per 100,000 population).
- In 1981-1985, deaths among NT Indigenous males and females, from infectious causes were respectively 17 times and 29 times as high as Australian males and females but the gap reduced substantially to be 3 - 5 times as high in 2006.
- Deaths rates were much lower in the non-Indigenous population. This group also demonstrated considerable reduction in death rates from infectious diseases by around 82% for both males and females.
- The significant reductions observed in Indigenous deaths were mostly attributed to the marked reductions (99%) in deaths from intestinal diseases.
- The proportion of deaths from septicaemia gradually increased over the years, among both Indigenous and non-Indigenous populations, to become the leading specific cause of death among infectious causes.

Neoplasm

- Both Indigenous males and females had a gradual upward trend in the number and rates of death from cancer. Among males the rate increased by 43% (from 204 to 292 per 100,000 between 1967-1970 and 2006). There were recent signs that the trend may be moderating.
- Among non-Indigenous males, there has been a steady decline in cancer death rates with an overall reduction of 23% (from 344 to 266 per 100,000 between 1967-1970 and 2006). This trend was not evident among non-Indigenous females.
- NT Indigenous death rates from all cancers were 1.2 to 1.5 times higher than the Australian rates, while NT non-Indigenous death rates were similar to the Australian rate.

Specific cancers

- Deaths from cancers of the lung, trachea and bronchus accounted for a large portion of total cancer deaths with death rates increasing among Indigenous Territorians but trending downwards among the NT non-Indigenous population.
- Indigenous death rates from cancer of the liver and intrahepatic bile ducts and cervical cancer were much higher than non-Indigenous and Australian rates.

Endocrine, nutritional and metabolic disease

- Among the Indigenous population, deaths from endocrine, nutritional and metabolic disorders steadily increased between 1967-1970 and 2006 among males, from 45 to 160 per 100,000. For females, the trend in annual deaths rates has been less consistent but overall has increased from 89 per 100,000 in 1967-1970 to 211 per 100,000 in 2006.
- NT Indigenous death rates from endocrine diseases were higher than NT non-Indigenous rates and in recent years were 6 to 10 times higher than the corresponding Australian rates.
- Type 2 diabetes was the dominant specific cause of death among endocrine, nutritional and metabolic related conditions for both Indigenous and non-Indigenous populations.
- Based on multiple cause of death coding, between 1997 and 2006, deaths from diabetes appeared to be declining for Indigenous females (from 331 to 234 per 100,000) and both non-Indigenous males (from 69 to 41 per 100,000) and females (from 76 to 40 per 100,000). The rate among Indigenous males was relatively unchanged.
- In contrast to diabetes, there was a decline in nutritional disease related death rates in the Indigenous population. In 1967-1970, deaths rates were 15 and 38 per 100,000 in males and females respectively and by 2001-2005 this had fallen to 4 and 11 per 100,000.

Mental and behavioural disorders

- Alcohol-related disorders were the leading specific condition in this category. From the early 1970s, there was an apparent increase in death rates from alcohol related disorders among Indigenous males, from 12.4 to 24.8 per 100,000 in 2006. By contrast, death rates among non-Indigenous males declined with a reduction from 16.5 per 100,000 in 1967-1970 to 3.4 per 100,000 in 2006.

Diseases of the nervous system and sense organs

- Deaths from conditions in this category are relatively uncommon, but there appears to be weak upward trend in most populations.
- Meningitis and epilepsy contribute a small proportion of total deaths from nervous systems and sense organs related conditions among Indigenous and non-Indigenous Territorians.

Diseases of the circulatory system

- Death rates from circulatory conditions were higher among NT Indigenous people than NT non-Indigenous and all Australians. In the more recent years, the rate ratio for Indigenous to Australian males was 2.2 and for females 1.9.
- For both Indigenous males and females, death rates appeared to have been stable from 1967-1970 through until the 1990s, before some early evidence of a recent decline.
- By contrast, rates among the NT non-Indigenous and general Australian populations have been decreasing steadily over the last few decades. Between 1967-1970 and 2006, death rates among NT non-Indigenous males and females fell by 73% and 58% respectively.

- Among both NT Indigenous and non-Indigenous population ischaemic heart disease (IHD) and cerebrovascular disease (stroke) were the leading specific causes among all circulatory deaths. The changes in rates for these two diseases have been substantially responsible for the overall changes in death rates for circulatory conditions for both Indigenous and non-Indigenous populations.
- Death rates from Rheumatic Heart Disease (RHD) were 12 times higher for the NT Indigenous population than the Australian population.

Diseases of the respiratory system

- Death rates from respiratory conditions among the NT Indigenous population were higher than the NT non-Indigenous and Australian populations.
- Among Indigenous Territorians, there has been a change in the trend. During the period through to the mid-1980s, there was little change in the general trend. Since the late 1980s there has been a sharp decline in death rates.
- Death rates from respiratory illnesses have been trending downwards since the mid-70s among non-Indigenous Territorians.
- Pneumonia and influenza contributed three quarters of all respiratory deaths in the Indigenous population in the early years. This proportion reduced considerably over time and has been gradually replaced by deaths from Chronic Obstructive Pulmonary Disease (COPD). In recent years, COPD accounted for the majority of deaths from respiratory conditions among Indigenous people.
- There was a similar, though less apparent, shift between pneumonia/influenza and COPD in the non-Indigenous population.

Diseases of the digestive system

- Death rates from digestive disorders have increased from 1967-1970 and 2006 among both Indigenous males and females, by 182% and 103% respectively.
- By contrast, death rates trended downwards among non-Indigenous people (by 67% for males and 75% for females).
- The contrary trend direction is reflected in the change in death rate ratio (compared to Australia). Among Indigenous males and females the ratio has increased to 3.9 and 4.3 respectively in 2001-2005. Among non-Indigenous males and females the ratio has declined and in 2001-2005 was similar to the Australian rate (males 1.2 and females 1.1)
- The increase in digestive system related deaths among Indigenous people was the result of chronic liver disease, particularly alcohol related liver disease.
- Among the non-Indigenous people, chronic liver disease accounted for about one third of deaths.

Diseases of the genitourinary system

- Indigenous death rates from disease of the genitourinary system were consistently higher than non-Indigenous and Australian rates and have been increasing. The death rates among non-Indigenous population have remained relatively stable.
- The substantial increase in genitourinary related deaths among Indigenous people a result of increased renal failure deaths. Renal failure was also the cause of the majority of genitourinary deaths among non-Indigenous people.

- The impact of renal failure is understated when based on underlying cause of death, and rates were 3 to 30 times higher using multiple cause of death.
- Variations in coding practice may have occurred between the first and subsequent decades with the code of “nephritis and nephrosis” substantially replaced by a code of “renal failure”.

Congenital abnormalities

- Overall, the total number of deaths from congenital abnormalities was small among both Indigenous and non-Indigenous people.
- There was a general downward trend in deaths from congenital abnormalities among both NT non-Indigenous and Australian populations. The small number of deaths and consequent variation in annual rates for the Indigenous population makes it difficult to identify a trend.

Perinatal conditions

- There was a fall in death rates from perinatal conditions for all populations. The greatest falls, among both NT Indigenous and non-Indigenous populations, were from the late 1960s through to early 1980s.
- Between 1967-1970 and 2001-2005, death rates decreased by 70% for Indigenous males, 77% for Indigenous females, 70% for non-Indigenous males and 86% for non-Indigenous females.

Ill-defined clinical signs and symptoms

- The high death rates in the late 1960s among the NT Indigenous population from ill-defined conditions fell rapidly through to the early 1980s. Since the 1980s death rates have remained stable. Death rates from ill-defined conditions among the NT Indigenous population have remained much lower than the Indigenous population and have also fallen through time.
- In the period 2001-2005 the death rate ratio (compared to Australia) for the NT Indigenous males and females was 6.3 and 3.9 respectively. The corresponding ratios for NT non-Indigenous males and female were 2.4 and 1.6 respectively.

Injury and poisoning

- Among the Indigenous population, injury related death rates remained relatively unchanged over the forty year period. Indigenous rates have remained approximately 3 to 5 times the Australian rate, from when comparable data became available (1981-1985).
- Deaths from injury have declined among non-Indigenous Territorians. Between 1967-1970 and 2006, the rate decreased by 61% among non-Indigenous males and by 80% among non-Indigenous females. In 2006, death rates for non-Indigenous males and females were 1.4 and 1.3 times the comparable national rates.
- Motor vehicle accidents (MVA) were responsible for about one quarter of injury related deaths for both NT Indigenous and non-Indigenous people. In 2001-2005, MVA related death rates remained much higher than the Australian rate, with rate ratios among Indigenous males and females of 16.2 and 12.4 respectively, and among non-Indigenous males and females of 4.9 and 3.1 respectively.

- Among the NT Indigenous population, assault related death rates decreased over the years, but remained as a significant contributor to injury deaths.
- Suicide was also a significant cause of injury related death among both Indigenous and non-Indigenous people. Suicide rates increased substantially in the NT Indigenous population from the mid 1990s, particularly among males. There was little change in the non-Indigenous population. In 2001-2005, death rates from suicide among NT Indigenous males and females were 5 times and 2 times as high as the comparable Australian rates.

Statistical graphs and tables

Infectious and parasitic diseases

Figure 49 All infectious diseases, trend in age-adjusted death rate, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

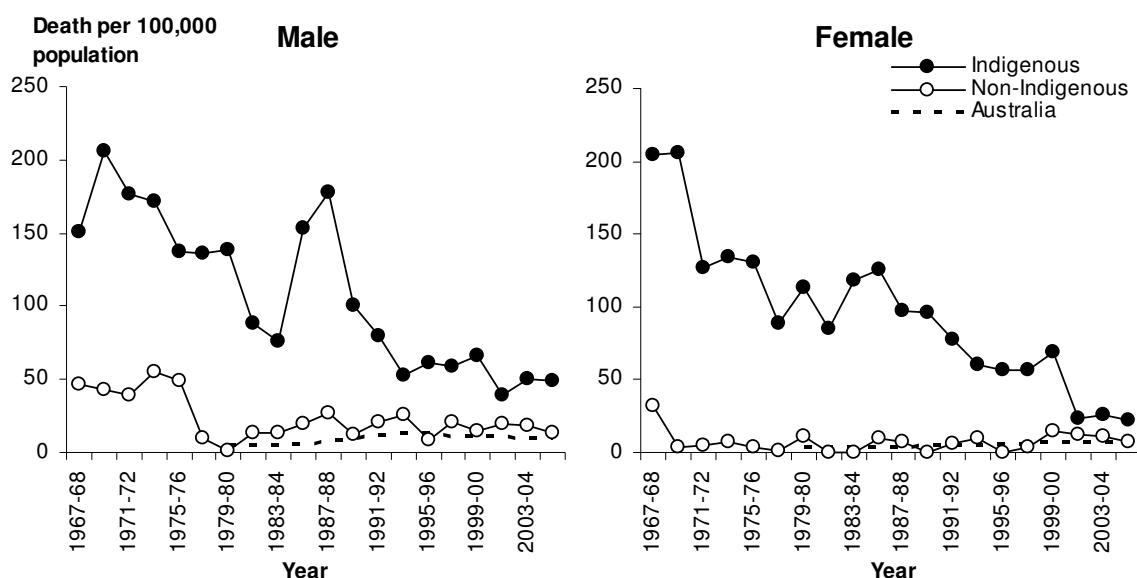


Table 43 All infectious diseases, age-adjusted death rate, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

Period	NT Indigenous				NT non-Indigenous				Australia		
	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)
Males											
1967-1970	104	179.1	(227.4-130.7)		14	47.5	(92.4-2.6)				
1971-1975	114	175.2	(222.8-127.5)		18	56.2	(107.9-4.5)				
1976-1980	67	127.2	(171.1-83.2)		13	7.0	(11.3-2.8)				
1981-1985	49	96.4	(131.5-61.2)	17.41	16	12.5	(20.9-4.2)	2.26	1487	5.5	(5.8-5.2)
1986-1990	60	141.3	(186.7-95.8)	16.38	19	21.5	(36.7-6.3)	2.49	2850	8.6	(9.0-8.3)
1991-1995	44	65.4	(89.8-40.9)	5.06	36	19.9	(28.5-11.3)	1.54	4910	12.9	(13.3-12.6)
1996-2000	34	61.9	(89.1-34.7)	5.58	27	15.9	(24.1-7.8)	1.44	4406	11.1	(11.4-10.8)
2001-2005	34	44.9	(66.1-23.7)	4.33	33	18.3	(25.9-10.7)	1.76	4644	10.4	(10.7-10.1)
2006	7	52.4	(109.1-0.0)	4.82	5	8.0	(15.7-0.3)	0.74	1057	10.9	(11.5-10.2)
Females											
1967-1970	98	203.2	(136.8 - 269.6)		7	16.15	(0.0 - 40.4)				
1971-1975	92	138.7	(93.1 - 184.3)		11	6.04	(1.2 - 10.9)				
1976-1980	51	102.0	(62.7 - 141.3)		5	6.22	(0.0 - 13.2)				
1981-1985	51	111.4	(71.0 - 151.8)	28.59	2	5.74	(0.0 - 16.4)	1.47	1344	3.90	(4.4 - 4.8)
1986-1990	43	98.4	(63.0 - 133.7)	23.89	2	3.08	(0.0 - 8.6)	0.75	1618	4.12	(6.1 - 6.5)
1991-1995	33	64.9	(38.1 - 91.7)	12.91	5	6.66	(0.0 - 13.5)	1.32	2239	5.03	(8.7 - 9.1)
1996-2000	34	63.4	(38.7 - 88.2)	9.45	8	7.84	(1.9 - 13.8)	1.17	3422	6.71	(8.6 - 9.0)
2001-2005	24	23.4	(11.8 - 35)	3.31	14	11.38	(4.9 - 17.8)	1.61	4107	7.06	(8.4 - 8.8)
2006	3	23.0	(0.0 - 55.12)	3.06	2	2.99	(0.0 - 7.17)	0.40	931	7.54	(8.7 - 9.5)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Infectious and parasitic diseases

Figure 50 Selected infectious diseases, trend in age-adjusted death rates, by Indigenous status, Northern Territory, 1967 to 2006

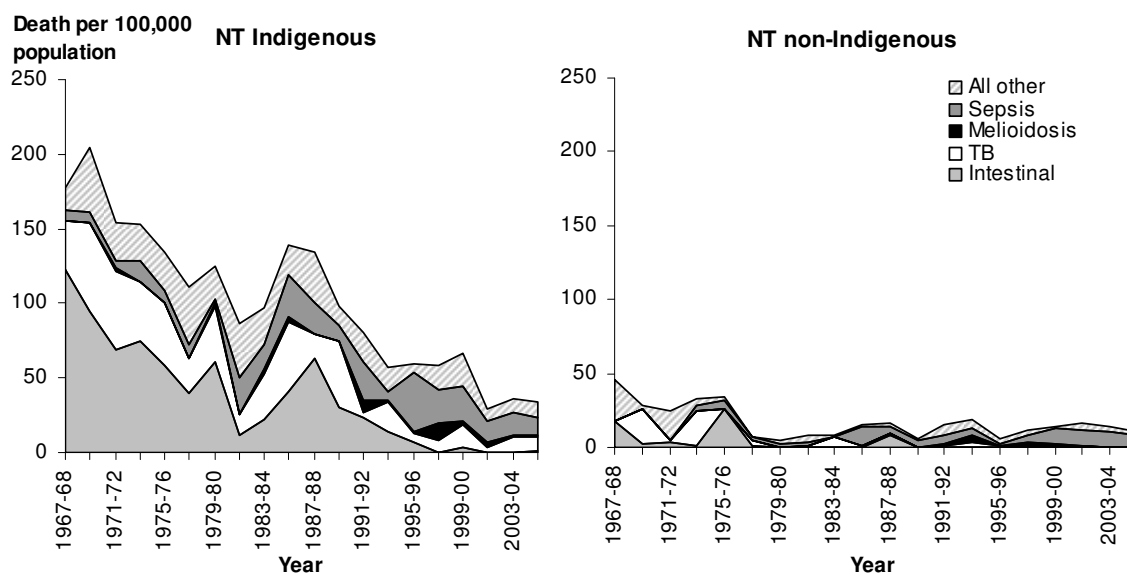


Table 44 Selected infectious diseases, age-adjusted death rates, by sex and Indigenous status, Northern Territory, 1967 to 2006

Cause of death	NT Indigenous			NT non-Indigenous		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Males						
Intestinal disease	204	26.3 (20.2 - 32.3)	91.5	22	1.5 (0.4 - 2.6)	4.2
Tuberculosis	84	28.6 (21.6 - 35.7)	46.2	21	2.5 (1.1 - 3.8)	3.2
Melioidosis	12	2.9 (1.0 - 4.8)	93.6	13	1.1 (0.4 - 1.8)	35.5
Septicaemia	75	18.0 (12.6 - 23.4)	4.4	52	8.7 (5.6 - 11.7)	2.1
All other	138	25.4 (19.4 - 31.3)	6.6	73	5.3 (3.5 - 7.0)	1.1
Females						
Intestinal disease	219	34.7 (27.8 - 41.5)	95.0	14	1.0 (0.2 - 1.9)	2.9
Tuberculosis	55	17.5 (12.2 - 22.8)	51.4	0	0.0 (0.0 - 0.0)	0.0
Melioidosis	8	1.6 (0.4 - 2.7)	158.8	5	0.5 (0.0 - 0.9)	47.6
Septicaemia	58	15.1 (10.2 - 19.9)	4.7	24	5.6 (3.0 - 8.1)	1.7
All other	89	14.9 (10.7 - 19.1)	8.6	13	1.2 (0.4 - 2.0)	0.7

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Neoplasm

Figure 51 All cancers, trend in age-adjusted death rates, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

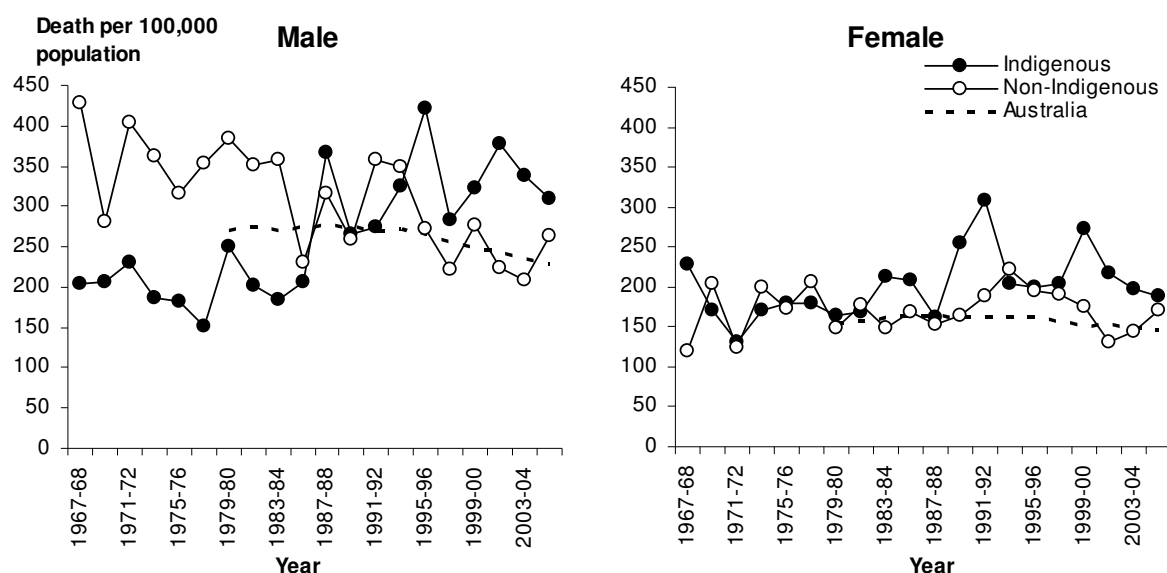


Table 45 All cancers, age-adjusted death rates, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

Period	NT Indigenous				NT non-Indigenous				Australia		
	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)
Males											
1967-1970	44	204.3	(134.8 - 273.8)		63	343.7	(231.5 - 456.0)				
1971-1975	63	207.5	(149.5 - 265.4)		99	350.4	(238.1 - 462.8)				
1976-1980	57	191.4	(136.3 - 246.6)		149	375.0	(279.1 - 471.0)				
1981-1985	70	206.5	(152.8 - 260.2)	0.8	211	331.7	(266.4 - 397.0)	1.2	72485	273.5	(271.4 - 275.6)
1986-1990	99	286.3	(225.9 - 346.6)	1.0	241	271.0	(223.6 - 318.5)	1.0	83376	274.8	(272.9 - 276.8)
1991-1995	122	343.3	(274.8 - 411.7)	1.3	354	332.6	(286.3 - 378.8)	1.2	92698	269.9	(268.1 - 271.6)
1996-2000	124	309.5	(247.5 - 371.6)	1.2	376	255.2	(223.6 - 286.9)	1.0	100062	255.0	(253.4 - 256.6)
2001-2005	170	352.0	(289.9 - 414.1)	1.5	405	225.7	(199.5 - 251.9)	1.0	107211	236.7	(235.3 - 238.1)
2006	33	292.3	(173.4 - 411.2)	1.3	113	265.5	(208.3 - 322.8)	1.2	22178	226.7	(223.7 - 229.6)
Females											
1967-1970	44	199.5	(129.3 - 269.7)		21	168.9	(61.1 - 276.7)				
1971-1975	46	162.0	(108.9 - 215.0)		43	165.4	(80.5 - 250.3)				
1976-1980	51	165.9	(115.2 - 216.6)		61	163.9	(96.0 - 231.8)				
1981-1985	79	198.1	(150.0 - 246.2)	1.2	87	163.2	(118.0 - 208.4)	1.0	55037	161.0	(159.7 - 162.4)
1986-1990	90	205.2	(158.8 - 251.7)	1.3	141	162.7	(130.0 - 195.5)	1.0	63310	163.4	(162.1 - 164.7)
1991-1995	111	233.8	(185.8 - 281.9)	1.4	183	205.8	(170.7 - 241.0)	1.3	70767	162.6	(161.4 - 163.8)
1996-2000	124	239.4	(193.0 - 285.8)	1.5	227	184.3	(156.9 - 211.8)	1.2	76849	155.8	(154.7 - 156.9)
2001-2005	122	206.1	(164.1 - 248.0)	1.4	226	144.5	(123.2 - 165.8)	1.0	83475	149.4	(148.4 - 150.4)
2006	23	172.9	(93.0 - 252.8)	1.2	55	175.3	(124.3 - 226.2)	1.2	17206	144.2	(142.0 - 146.3)

Neoplasm

Figure 52 Selected cancers, trend in age-adjusted death rates, by Indigenous status, Northern Territory, 1967 to 2006

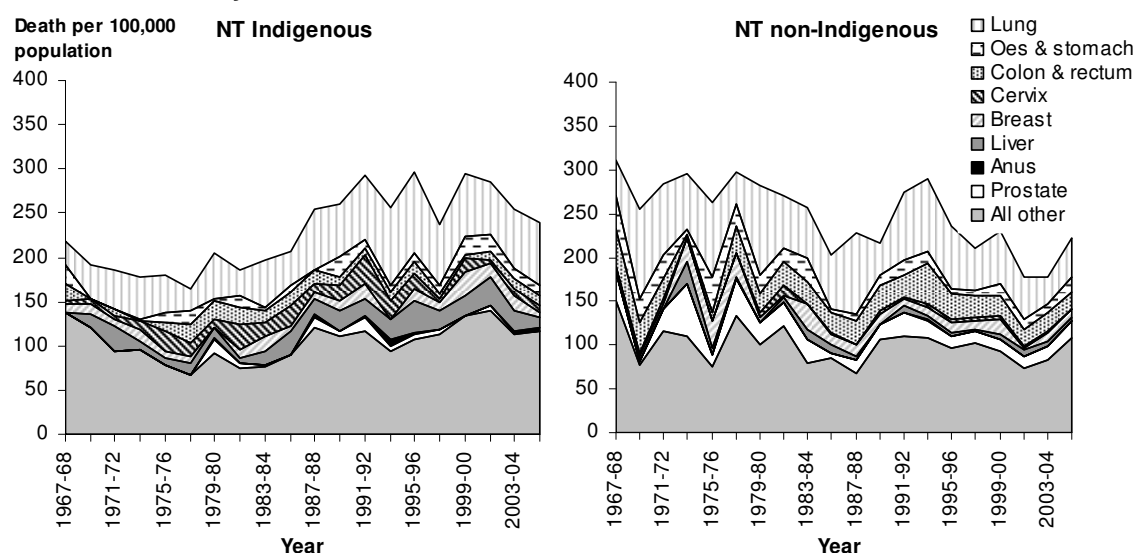


Table 46 Selected cancers, age-adjusted death rates per 100,000, by sex and Indigenous status, Northern Territory, 1967 to 2006

Cause of death	NT Indigenous			NT non-Indigenous		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Males						
Cancer of trachea, bronchus & lung	236	83.8 (72.1 - 95.4)	1.3	608	80.8 (72.6 - 89.1)	1.3
Cancer of oesophagus & stomach	46	16.7 (11.4 - 22)	0.9	136	18.1 (14.1 - 22.1)	0.9
Cancer of liver & intrahepatic bile ducts	78	29.1 (21.9 - 36.2)	5.8	45	6 (3.7 - 8.3)	1.2
Cancer of colon and rectum	35	11.8 (7.3 - 16.3)	0.4	190	26.3 (21.4 - 31.2)	0.8
Cancer of anus	7	1.4 (0.3 - 2.6)	6.6	2	0.2 (0.0 - 0.5)	0.9
Cancer of prostate	16	9.2 (4.5 - 14.0)	0.3	147	34.9 (28.4 - 41.4)	1.0
Cancer of cervix						
Cancer of breast	0	0.0 (0.0 - 0.0)	0.0	1	0.4 (0.0 - 1.1)	1.6
All other	365	120.3 (106.0 - 134.6)	1.1	882	109.2 (99.6 - 118.8)	1.0
Females						
Cancer of trachea, bronchus & lung	130	36.5 (29.8 - 43.3)	1.8	169	30.1 (24.9 - 35.3)	1.5
Cancer of oesophagus & stomach	22	5.8 (3.2 - 8.4)	0.7	39	6.9 (4.4 - 9.4)	0.8
Cancer of liver & intrahepatic bile ducts	29	11.0 (6.6 - 15.4)	5.4	18	4.0 (2.0 - 6.1)	2.0
Cancer of colon and rectum	33	9.8 (6.1 - 13.6)	0.4	125	23.1 (18.4 - 27.8)	1.0
Cancer of anus	4	1.2 (0.0 - 2.7)	5.7	1	0.2 (0.0 - 0.7)	0.9
Cancer of prostate						
Cancer of cervix	86	24.7 (18.8 - 30.6)	7.0	42	4.8 (2.9 - 6.6)	1.4
Cancer of breast	73	21.0 (15.6 - 26.4)	0.8	191	24.1 (20.0 - 28.3)	0.9
All other	313	93.6 (81.8 - 105.5)	1.3	459	77.9 (69.3 - 86.4)	1.1

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Endocrine, nutritional and metabolic disease

Figure 53 All endocrine, nutritional and metabolic disorders, trend in age-adjusted death rates, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

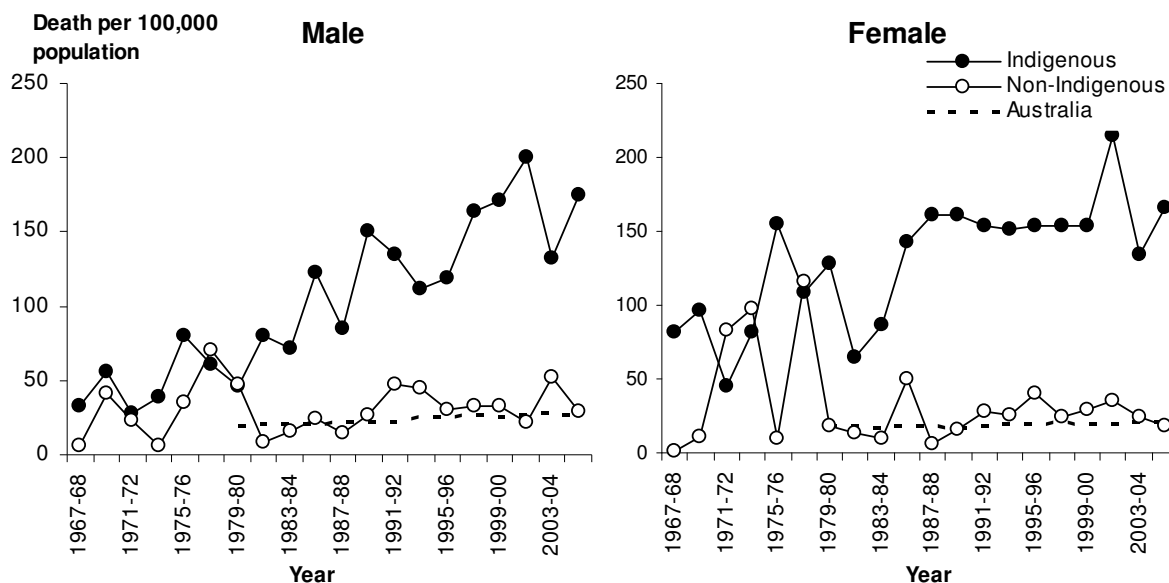


Table 47 All endocrine, nutritional and metabolic disorders, age-adjusted death rates, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

Period	NT Indigenous				NT non-Indigenous				Australia		
	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)
Males											
1967-1970	17	45.3	(15.9 - 74.8)		6	25.5	(0.0 - 63.2)				
1971-1975	23	45.5	(21.5 - 69.4)		8	11.0	(2.8 - 19.2)				
1976-1980	21	56.2	(28.4 - 84.1)		13	57.3	(13.5 - 101)				
1981-1985	28	84.6	(47.1 - 122.1)	4.1	8	17.2	(0.0 - 34.5)	0.8	5160	20.7	(20.1 - 21.2)
1986-1990	50	119.4	(81.0 - 157.8)	5.5	23	20.3	(9.5 - 31.2)	0.9	6328	21.8	(21.3 - 22.4)
1991-1995	47	126.2	(84.5 - 167.9)	5.2	36	44.5	(25.9 - 63)	1.8	8013	24.1	(23.6 - 24.7)
1996-2000	69	154.7	(113 - 196.3)	5.9	37	31.1	(18.8 - 43.5)	1.2	10101	26.2	(25.7 - 26.7)
2001-2005	78	170.1	(125.4 - 214.8)	6.3	59	37.8	(26.6 - 49)	1.4	12055	27.1	(26.6 - 27.6)
2006	18	159.8	(70.3 - 249.4)	6.2	10	23.6	(6.6 - 40.5)	0.9	2498	25.9	(24.9 - 27)
Females											
1967-1970	32	88.7	(40.9 - 136.6)		2	6.5	(0.0 - 18)				
1971-1975	37	88.2	(49.9 - 126.4)		7	83.2	(9.5 - 156.9)				
1976-1980	43	123.6	(80.6 - 166.6)		7	43.4	(0.0 - 88)				
1981-1985	32	82.8	(51.9 - 113.6)	4.7	11	23.7	(5.7 - 41.8)	1.3	5955	17.6	(17.2 - 18.1)
1986-1990	66	163.1	(119.8 - 206.5)	9.3	14	16.7	(6.9 - 26.5)	1.0	6854	17.5	(17.1 - 18)
1991-1995	74	155.9	(117.5 - 194.4)	8.3	21	34.6	(18.4 - 50.8)	1.8	8398	18.9	(18.5 - 19.3)
1996-2000	79	151.2	(114.4 - 188)	7.6	29	26.0	(15.3 - 36.8)	1.3	10102	19.9	(19.5 - 20.3)
2001-2005	94	160.2	(124.2 - 196.2)	8.0	35	25.8	(16.3 - 35.3)	1.3	11741	20.1	(19.8 - 20.5)
2006	22	210.9	(113.3 - 308.5)	10.0	6	24.6	(4.1 - 45.2)	1.2	2617	21.0	(20.2 - 21.8)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Endocrine, nutritional and metabolic disease

Figure 54 Diabetes, nutritional disorders and others, trend in age-adjusted death rates, by Indigenous status, Northern Territory, 1967 to 2006

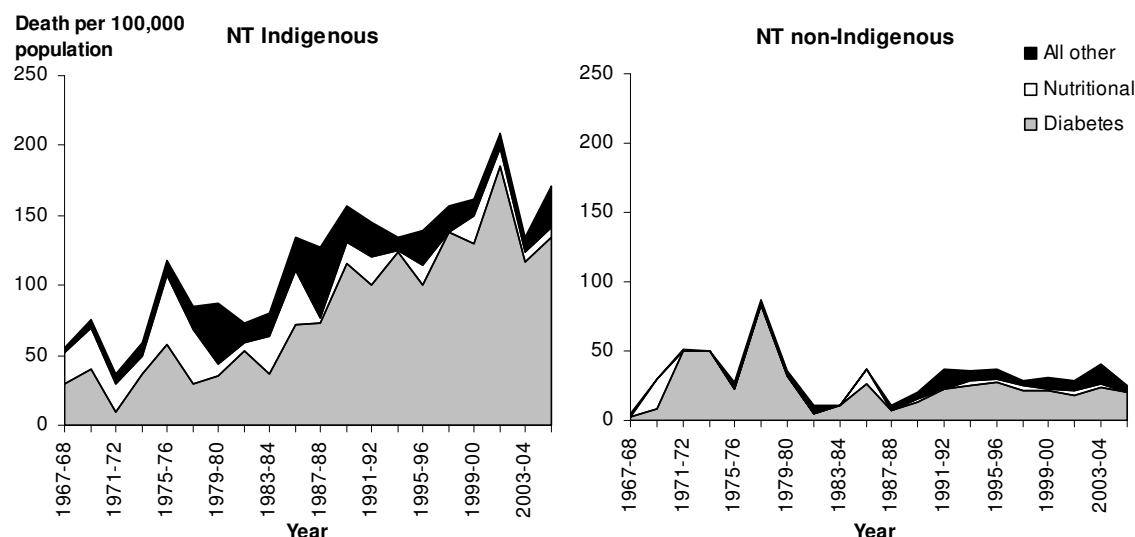


Table 48 Diabetes, nutritional disorders and others, age-adjusted death rates, by sex and Indigenous status, Northern Territory, 1967 to 2006

Cause of death	NT Indigenous			NT non-Indigenous		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Males						
Type 2 diabetes	241	83.2 (71.4 - 95)	4.4	134	23.1 (18.2 - 28)	1.2
Nutritional disease	44	11.2 (6.6 - 15.8)	19.5	11	2.7 (0.9 - 4.6)	4.7
All other	66	15.5 (10.8 - 20.1)	3.1	55	6.8 (4.4 - 9.3)	1.4
Females						
Type 2 diabetes	313	96.3 (84.7 - 107.9)	6.8	88	19.3 (14.8 - 23.8)	1.4
Nutritional disease	90	21.0 (15.3 - 26.8)	44.5	7	1.8 (0.3 - 3.2)	3.8
All other	76	21.4 (15.6 - 27.1)	4.8	37	6.2 (3.7 - 8.7)	1.4

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Type 2 diabetes mellitus

Figure 55 Type 2 diabetes, trend in age-adjusted death rates, multiple and underlying cause of death, by Indigenous status, Northern Territory, 1997 to 2006

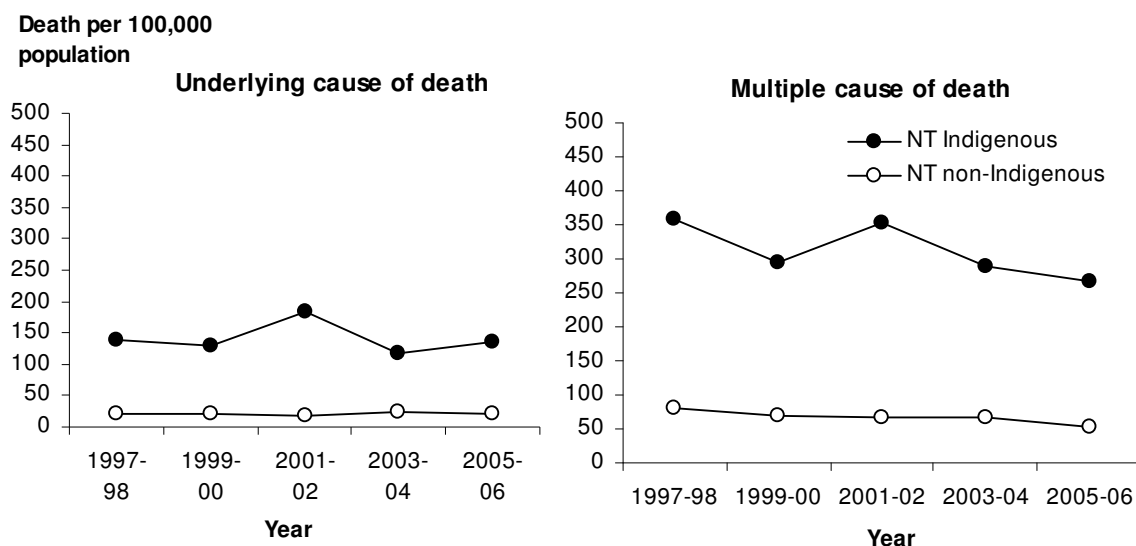


Table 49 Type 2 diabetes, age-adjusted death rates, multiple and underlying cause of death, by sex and Indigenous status, Northern Territory, 1997 to 2006

Period	Underlying cause of death			Multiple cause of death		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Indigenous males						
1997-2000	48	142.9 (96.8-188.9)	7.3	115	315.8 (249.7 - 381.8)	4.8
2001-2005	70	155 (112.3 - 197.6)	7.8	160	344.1 (280.3 - 407.9)	5.0
2006	15	148.8 (60.2 - 237.4)	7.9	34	302.7 (176.9 - 428.5)	5.2
Indigenous females						
1997-2000	55	127.4 (90.8-164.0)	9.1	136	331.2 (270.5 - 391.8)	7.5
2001-2005	82	136.9 (104.2 - 169.7)	9.9	181	285.6 (239.0 - 332.1)	6.3
2006	16	138.7 (62.8 - 214.5)	9.4	32	235.8 (145.3 - 326.3)	5.7
Non-Indigenous males						
1997-2000	19	21.9 (10.1-33.7)	1.1	72	69.4 (50.3 - 88.6)	1.0
2001-2005	41	26.3 (17 - 35.7)	1.3	138	91.4 (73.9 - 108.9)	1.3
2006	9	22 (5.3 - 38.6)	1.2	18	40.8 (19.5 - 62.1)	0.7
Non-Indigenous females						
1997-2000	18	21.2 (10.4-32.1)	1.5	55	75.8 (54.6 - 97.0)	1.7
2001-2005	17	12.5 (18.9 - 18.6)	0.9	48	38.1 (26.5 - 49.7)	0.8
2006	5	23.3 (43.8 - 43.8)	1.6	13	39.8 (15.6 - 63.9)	1.0

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Diseases of the blood, blood forming organs and immune system

Figure 56 All blood and immune disorders, trend in age-adjusted death rates, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

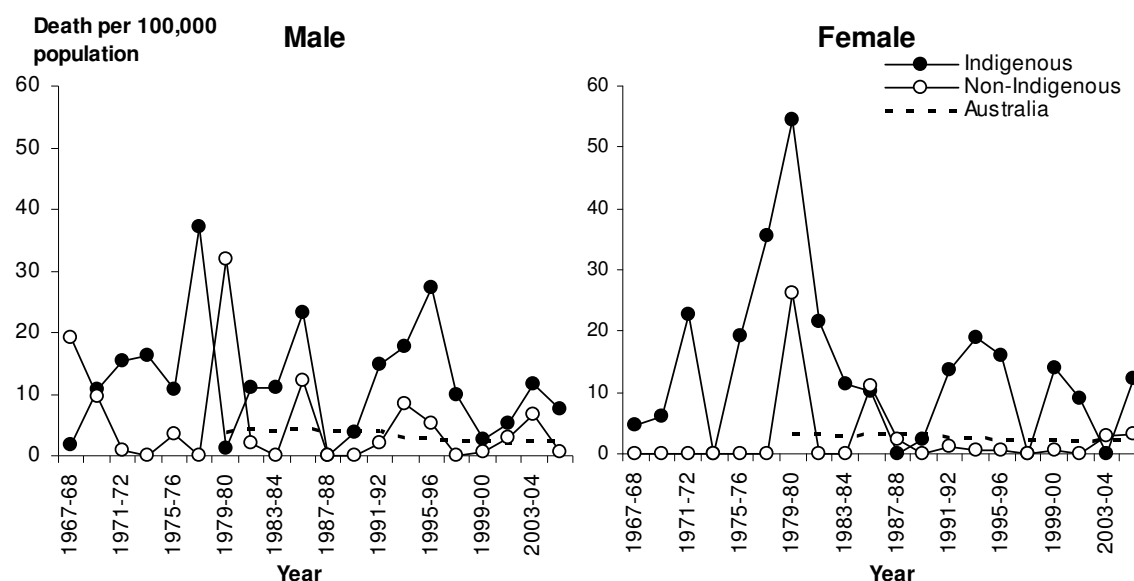


Table 50 All blood and immune disorders, age-adjusted death rates, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

Period	NT Indigenous				NT non-Indigenous				Australia		
	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)
Males											
1967-1970	4	6.3	(0.0 - 14.6)		4	13.0	(0.0 - 28.8)				
1971-1975	9	16.2	(4.1 - 28.4)		2	1.9	(0.0 - 5.1)				
1976-1980	6	15.7	(0.9 - 30.6)		2	13.8	(0.0 - 34.7)				
1981-1985	4	12.8	(0.0 - 26.2)	3.1	4	1.4	(0.0 - 3)	0.4	976	4.1	(3.8 - 4.4)
1986-1990	2	6.1	(0.0 - 15.4)	1.5	1	3.8	(0.0 - 11.2)	0.9	1138	4.1	(3.8 - 4.3)
1991-1995	5	12.8	(0.0 - 26.6)	4.0	4	4.1	(0.0 - 9.6)	1.3	1040	3.2	(3.0 - 3.4)
1996-2000	8	15.8	(0.7 - 30.9)	6.2	2	1.9	(0.0 - 5.2)	0.7	969	2.5	(2.4 - 2.7)
2001-2005	5	8.2	(0.0 - 17.1)	3.7	8	4.0	(0.8 - 7.2)	1.8	998	2.2	(2.1 - 2.4)
2006	1	7.3	(0.0 - 21.6)	3.2	1	1.1	(0.0 - 3.3)	0.5	222	2.3	(2.0 - 2.6)
Females											
1967-1970	4	5.4	(0.0 - 12.0)		0	0.0	(0.0 - 0.0)				
1971-1975	4	8.6	(0.0 - 17.6)		0	0.0	(0.0 - 0.0)				
1976-1980	17	43.9	(18.8 - 69.0)		1	15.3	(0.0 - 45.3)				
1981-1985	7	12.8	(1.2 - 24.3)	4.05	2	1.1	(0.0 - 2.76)	0.34	1060	3.2	(3.0 - 3.3)
1986-1990	2	4.5	(0.0 - 11.7)	1.43	2	3.7	(0.0 - 9.5)	1.18	1234	3.2	(3.0 - 3.3)
1991-1995	7	15.1	(3.5 - 26.8)	5.74	4	1.0	(0.02 - 2.0)	0.38	1172	2.6	(2.5 - 2.8)
1996-2000	6	10.1	(0.1 - 20.0)	4.45	1	0.2	(0.0 - 0.6)	0.09	1155	2.3	(2.1 - 2.4)
2001-2005	5	4.8	(0.3 - 9.3)	2.16	4	2.5	(0.0 - 5.5)	1.14	1291	2.2	(2.1 - 2.4)
2006	2	17.7	(0.0 - 48.2)	8.04	0	0.0	(0.0 - 0.0)	0.00	269	2.2	(1.9 - 2.5)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Mental and behavioural disorders

Figure 57 All mental and behavioural disorders, trend in age-adjusted death rates, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

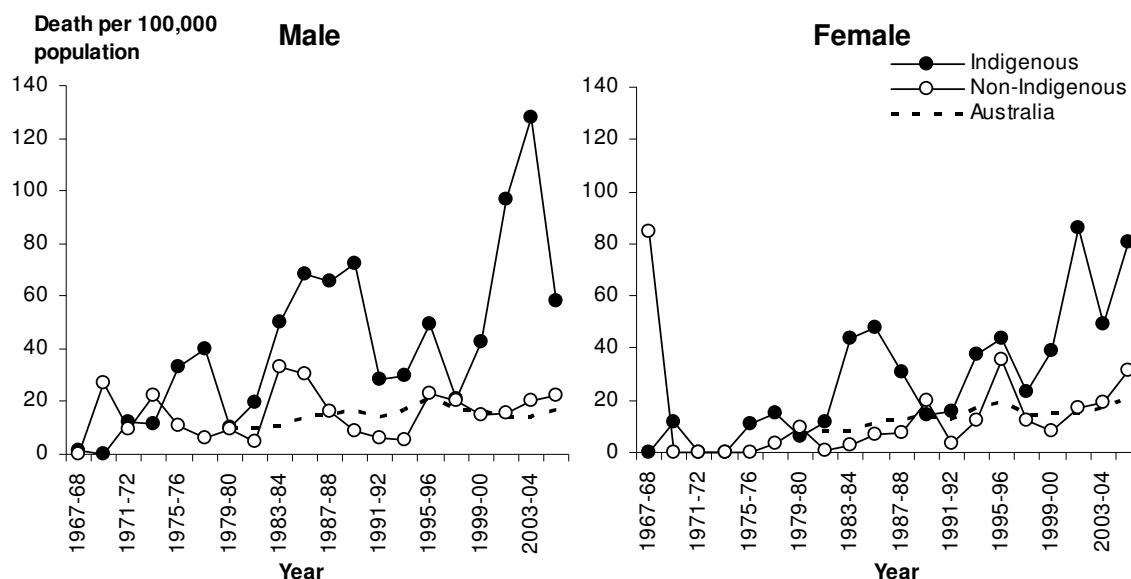


Table 51 All mental and behavioural disorders, age-adjusted death rates, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

Period	NT Indigenous				NT non-Indigenous				Australia		
	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)
Males											
1967-1970	1	0.7	(0.0 - 2.1)		4	16.5	(0.0 - 37.7)				
1971-1975	7	16.6	(3.1 - 30)		13	15	(4.0 - 26.0)				
1976-1980	15	26.3	(11.8 - 40.8)		12	8.7	(3.1 - 14.4)				
1981-1985	18	40.8	(17.7 - 64)	3.5	18	26.7	(8.1 - 45.4)	2.3	2867	11.6	(11.1 - 12.0)
1986-1990	34	69.6	(41.1 - 98.1)	4.5	21	12.6	(3.9 - 21.2)	0.8	4462	15.5	(15.1 - 16.0)
1991-1995	27	34.7	(20.3 - 49.1)	2.1	18	9.5	(3.0 - 15.9)	0.6	5493	16.7	(16.3 - 17.2)
1996-2000	26	34.7	(18.2 - 51.3)	2.0	37	18.7	(10.0 - 27.4)	1.1	6873	17.7	(17.2 - 18.1)
2001-2005	41	107.1	(65.4 - 148.8)	7.6	19	17.5	(9.0 - 26.0)	1.2	6055	14.0	(13.7 - 14.4)
2006	4	24.8	(0.0 - 51.7)	1.3	9	28.9	(7.4 - 50.5)	1.5	1841	19.8	(18.9 - 20.7)
Females											
1967-1970	2	5.7	(0.0 - 13.7)		3	35.8	(0.0 - 100.4)				
1971-1975	2	4.6	(0.0 - 10.9)		0	0	(0.0 - 0.0)				
1976-1980	4	8.6	(0.0 - 17.4)		4	5.5	(0.0 - 11.5)				
1981-1985	13	32.2	(12.5 - 51.9)	3.5	2	1.4	(0.0 - 3.7)	0.2	3017	9.2	(8.9 - 9.5)
1986-1990	10	27.1	(7.9 - 46.3)	2.1	6	13.5	(1.9 - 25)	1.0	5008	13.0	(12.6 - 13.3)
1991-1995	17	39	(17.5 - 60.6)	2.5	11	16.7	(5.7 - 27.7)	1.1	7054	15.8	(15.5 - 16.2)
1996-2000	14	26.8	(10.7 - 42.9)	1.7	12	12.8	(4.6 - 21)	0.8	8308	16.0	(15.6 - 16.3)
2001-2005	34	75.8	(46.6 - 104.9)	4.6	25	22.9	(13.4 - 32.4)	1.4	9937	16.4	(16.0 - 16.7)
2006	5	58.7	(2.9 - 114.4)	2.3	6	22.8	(3.7 - 42)	0.9	3271	25.2	(24.3 - 26.1)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Mental and behavioural disorders

Figure 58 Selected mental and behavioural disorders, trend in age-adjusted death rates, by Indigenous status, Northern Territory, 1967 to 2006

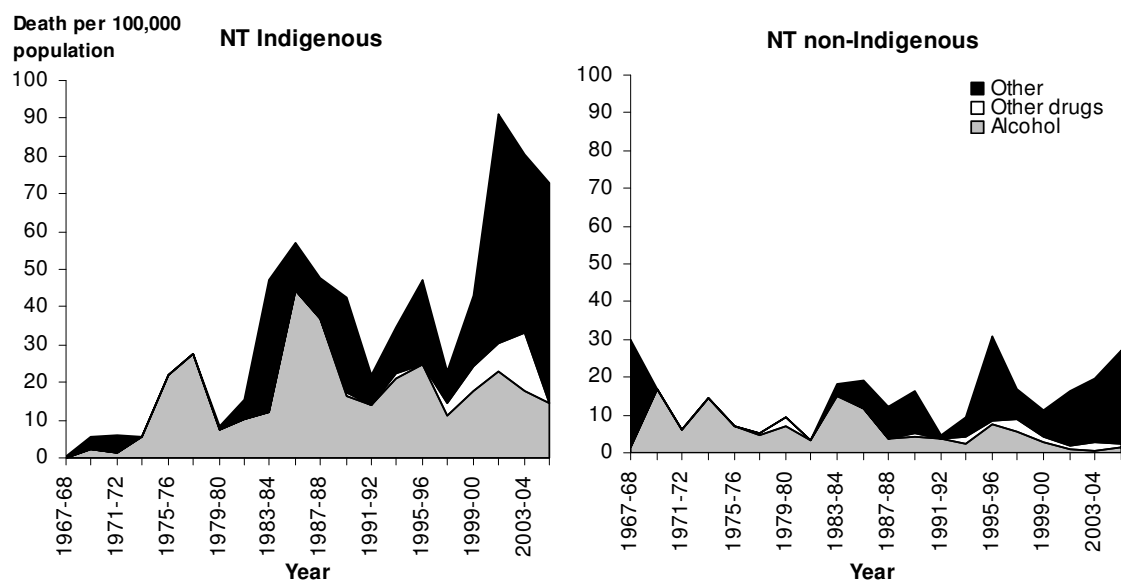


Table 52 Selected mental and behavioural disorders, age-adjusted death rates, by sex and Indigenous status, Northern Territory, 1967 to 2006

Cause of death	NT Indigenous			NT non-Indigenous		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Males						
Alcohol related disorders	130	26.1 (21.1 - 31.2)	10.4	91	6.6 (4.8 - 8.4)	2.6
Other psychoactive substance disorders	15	2.4 (0.6 - 4.2)	1.1	29	1.7 (0.6 - 2.8)	0.8
All other	28	15.7 (9.2 - 22.1)	1.4	31	9.7 (6.1 - 13.4)	0.9
Females						
Alcohol related disorders	47	8.9 (6.2 - 11.5)	17.8	13	1.5 (0.5 - 2.5)	3.0
Other psychoactive substance disorders	7	2.1 (0.3 - 3.9)	3.0	9	0.7 (0.0 - 1.5)	1.0
All other	47	23.8 (16.6 - 31.0)	1.8	47	14.5 (10.2 - 18.7)	1.1

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Diseases of the nervous system and sense organs

Figure 59 All nervous system and sense organs disorders, trend in age-adjusted death rates, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

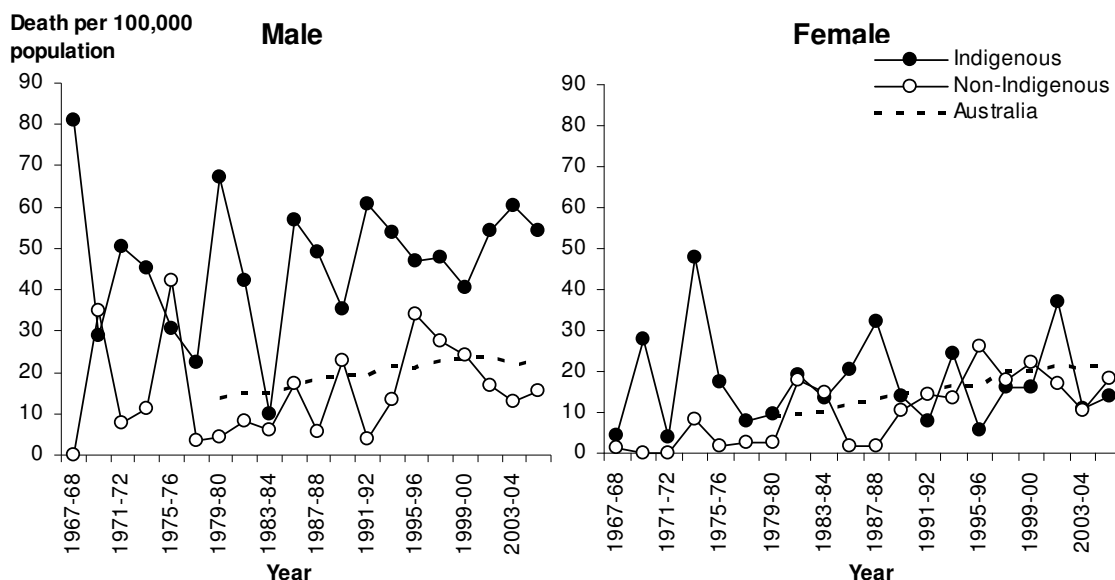


Table 53 All nervous system and sense organs disorders, age-adjusted death rates, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

Period	NT Indigenous				NT non-Indigenous				Australia		
	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)
Males											
1967-1970	1	0.7	(0.0 - 2.1)		4	16.5	(0.0 - 37.7)				
1971-1975	7	16.6	(3.1 - 30.0)		13	15.0	(4.0 - 26.0)				
1976-1980	15	26.3	(11.8 - 40.8)		12	8.7	(3.1 - 14.4)				
1981-1985	18	40.8	(17.7 - 64.0)	3.5	18	26.7	(8.1 - 45.4)	2.3	2867	11.6	(11.1 - 12)
1986-1990	34	69.6	(41.1 - 98.1)	4.5	21	12.6	(3.9 - 21.2)	0.8	4462	15.5	(15.1 - 16)
1991-1995	27	34.7	(20.3 - 49.1)	2.1	18	9.5	(3.0 - 15.9)	0.6	5493	16.7	(16.3 - 17.2)
1996-2000	26	34.7	(18.2 - 51.3)	2.0	37	18.7	(10.0 - 27.4)	1.1	6873	17.7	(17.2 - 18.1)
2001-2005	41	107.1	(65.4 - 148.8)	7.6	19	17.5	(9.0 - 26.0)	1.2	6055	14.0	(13.7 - 14.4)
2006	4	24.8	(0.0 - 51.7)	1.3	9	28.9	(7.4 - 50.5)	1.5	1841	19.8	(18.9 - 20.7)
Females											
1967-1970	2	5.7	(0.0 - 13.7)		3	35.8	(0.0 - 100.4)				
1971-1975	2	4.6	(0.0 - 10.9)		0	0.0	(0.0 - 0.0)				
1976-1980	4	8.6	(0.0 - 17.4)		4	5.5	(0.0 - 11.5)				
1981-1985	13	32.2	(12.5 - 51.9)	3.5	2	1.4	(0.0 - 3.7)	0.2	3017	9.2	(8.9 - 9.5)
1986-1990	10	27.1	(7.9 - 46.3)	2.1	6	13.5	(1.9 - 25)	1.0	5008	13.0	(12.6 - 13.3)
1991-1995	17	39.0	(17.5 - 60.6)	2.5	11	16.7	(5.7 - 27.7)	1.1	7054	15.8	(15.5 - 16.2)
1996-2000	14	26.8	(10.7 - 42.9)	1.7	12	12.8	(4.6 - 21)	0.8	8308	16.0	(15.6 - 16.3)
2001-2005	34	75.8	(46.6 - 104.9)	4.6	25	22.9	(13.4 - 32.4)	1.4	9937	16.4	(16.0 - 16.7)
2006	5	58.7	(2.9 - 114.4)	2.3	6	22.8	(3.7 - 42)	0.9	3271	25.2	(24.3 - 26.1)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Diseases of the nervous system and sense organs

Figure 60 Selected diseases of the nervous system, trend in age-adjusted death rates, by Indigenous status, Northern Territory, 1967 to 2006

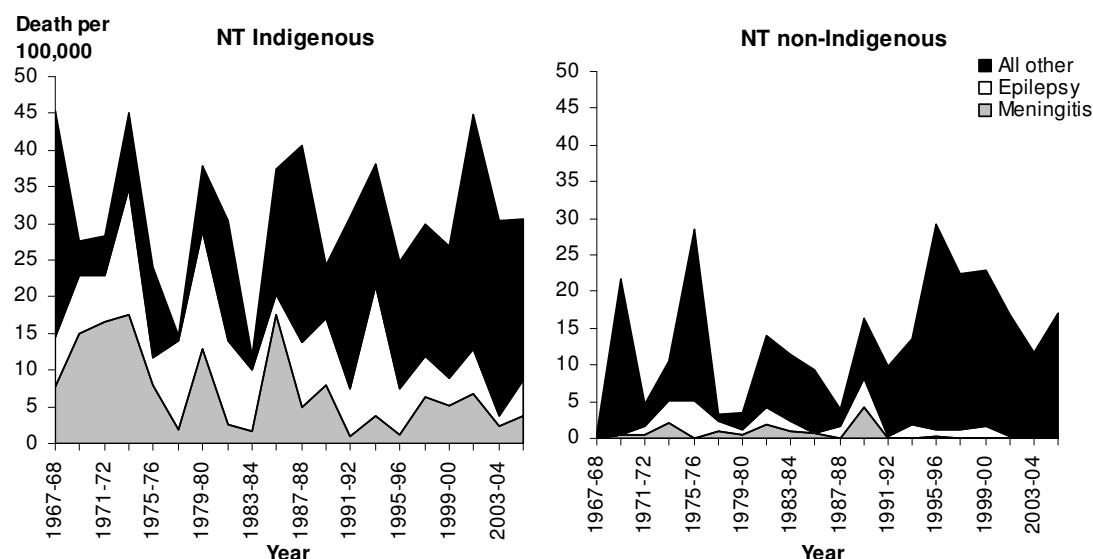


Table 54 Selected diseases of the nervous system, age-adjusted death rates, by sex and Indigenous status, Northern Territory, 1967 to 2006

Cause of death	NT Indigenous			NT non-Indigenous		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Males						
Meningitis	57	9.6 (5.8 - 13.3)	28.0	13	0.9 (0.1 - 1.6)	2.6
Epilepsy	61	10.5 (7.5 - 13.5)	6.3	31	1.7 (0.8 - 2.5)	1.0
All other	105	26.7 (19.9 - 33.6)	1.4	82	15.2 (11 - 19.3)	0.8
Females						
Meningitis	44	3.9 (2.5 - 5.2)	13.9	3	0.1 (0 - 0.3)	0.4
Epilepsy	26	5.1 (2.6 - 7.6)	5.0	12	0.7 (0.2 - 1.1)	0.7
All other	57	8.7 (5.7 - 11.8)	0.6	68	13.8 (9.9 - 17.7)	0.9

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Diseases of the circulatory system

Figure 61 All circulatory diseases, trend in age-adjusted death rates, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

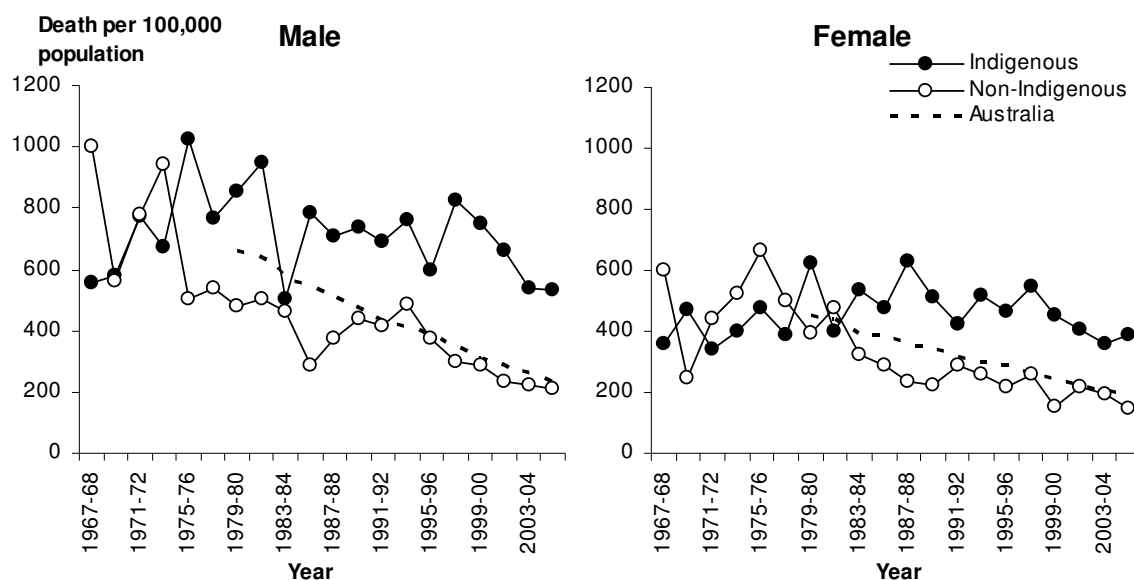


Table 55 All circulatory diseases, age-adjusted death rates, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

Period	NT Indigenous				NT non-Indigenous				Australia		
	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)
Males											
1967-1970	140	565.7	(461.5 - 670.0)		141	739.0	(562.7 - 915.3)				
1971-1975	231	775.6	(665.9 - 885.2)		232	813.3	(640.2 - 986.4)				
1976-1980	255	862.3	(745.6 - 978.9)		248	490.4	(390.3 - 590.5)				
1981-1985	244	730.2	(625.5 - 834.9)	1.2	232	449.5	(367.3 - 531.8)	0.8	143695	596.0	(592.8 - 599.1)
1986-1990	270	739.5	(638.9 - 840.2)	1.5	289	378.8	(319.3 - 438.2)	0.8	139059	497.6	(494.9 - 500.2)
1991-1995	279	688.3	(594.5 - 782.2)	1.6	343	457.6	(397.8 - 517.3)	1.1	132936	418.2	(416.0 - 420.5)
1996-2000	336	759.8	(663.8 - 855.8)	2.2	355	290.2	(253.8 - 326.5)	0.9	126231	340.8	(338.9 - 342.6)
2001-2005	332	586.1	(505.3 - 667.0)	2.2	377	226.8	(199.6 - 253.9)	0.9	115778	265.1	(263.6 - 266.6)
2006	65	552.5	(378.2 - 726.8)	2.4	76	199.3	(147.9 - 250.7)	0.9	21693	228.2	(225.2 - 231.2)
Females											
1967-1970	92	419.6	(317.7 - 521.5)		33	402.5	(212.1 - 592.9)				
1971-1975	114	373.0	(295.8 - 450.1)		74	559.0	(385.3 - 732.7)				
1976-1980	161	521.3	(429.4 - 613.1)		73	413.2	(280.4 - 545.9)				
1981-1985	159	483.4	(396.8 - 570.0)	1.2	115	367.5	(289.9 - 445.1)	0.9	135916	413.6	(411.4 - 415.7)
1986-1990	201	539.3	(454.8 - 623.7)	1.5	124	238.6	(192.7 - 284.5)	0.7	137713	356.1	(354.3 - 358.0)
1991-1995	203	462.5	(391.5 - 533.5)	1.5	149	258.8	(215.0 - 302.5)	0.8	135914	305.3	(303.7 - 306.9)
1996-2000	246	500.3	(430.7 - 569.9)	1.9	178	207.2	(175.1 - 239.3)	0.8	133896	257.6	(256.3 - 259.0)
2001-2005	238	402.1	(342.2 - 462.0)	1.9	207	187.7	(161.2 - 214.2)	0.9	126324	210.5	(209.3 - 211.6)
2006	41	310.2	(201.9 - 418.5)	1.6	41	169.9	(116.7 - 223.2)	0.9	24183	189.1	(186.7 - 191.5)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Diseases of the circulatory system

Figure 62 Selected circulatory diseases, trend in age-adjusted death rates, by Indigenous status, Northern Territory, 1967 to 2006

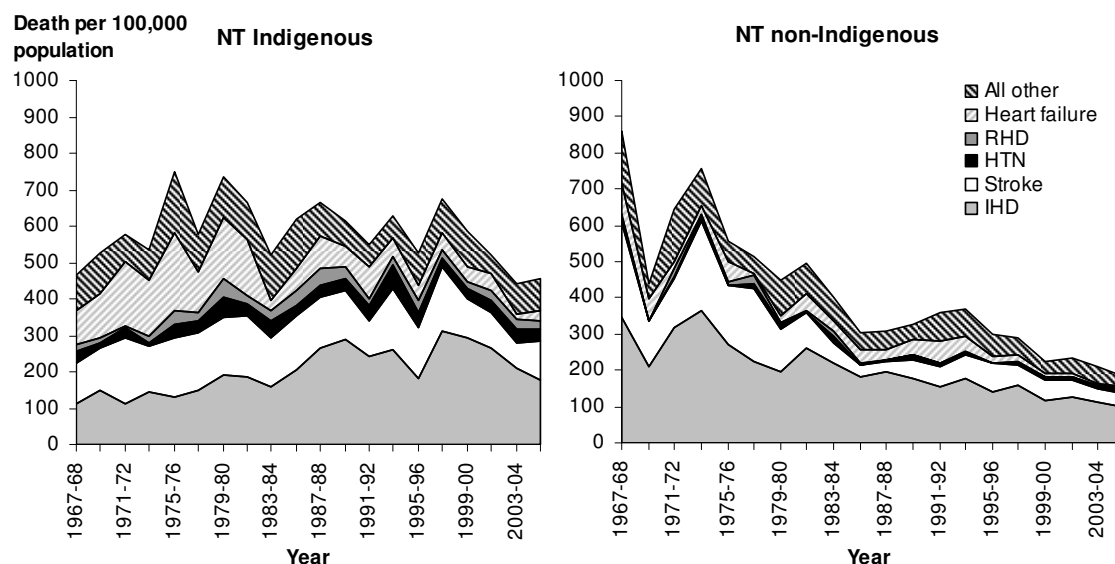


Table 56 Selected circulatory diseases, age-adjusted death rates, by sex and Indigenous status, Northern Territory, 1967 to 2006

Cause of death	NT Indigenous			NT non-Indigenous		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Males						
Ischaemic heart disease (IHD)	931	285.9 (264.7 - 307.1)	1.2	1385	192.2 (178.9 - 205.4)	0.8
Cerebrovascular disease (stroke)	397	161.9 (143.8 - 180.0)	2.0	358	62.3 (52.0 - 70.5)	0.8
Hypertension (HTN)	104	35.9 (28.1 - 43.7)	5.0	55	8.0 (5.2 - 10.9)	1.1
Rheumatic heart disease(RHD)	124	20.2 (15.8 - 24.5)	11.9	23	1.7 (0.9 - 2.4)	1.0
Heart failure	219	93.2 (79.2 - 107.1)	5.4	102	23.0 (17.7 - 28.3)	1.3
All other	377	111.5 (97.9 - 125.1)	2.1	370	60.1 (52.1 - 68.0)	1.1
Females						
Ischaemic heart disease (IHD)	449	143.6 (128.7 - 158.5)	1.0	452	110.8 (99.8 - 121.9)	0.8
Cerebrovascular disease (stroke)	296	105.5 (92.0 - 119.0)	1.3	242	58.4 (50.4 - 66.5)	0.7
Hypertension (HTN)	104	34.4 (27.1 - 41.7)	4.2	26	6.4 (3.7 - 9.1)	0.8
Rheumatic heart disease(RHD)	169	31.3 (25.7 - 36.8)	12.0	19	3.8 (1.8 - 5.8)	1.5
Heart failure	178	68.6 (57.3 - 79.8)	3.7	73	20.3 (15.3 - 25.2)	1.1
All other	259	75.4 (64.5 - 86.4)	1.9	182	41.3 (34.5 - 48)	1.1

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Ischaemic heart disease

Figure 63 Ischaemic heart disease, trend in age-adjusted death rates, multiple and underlying cause of death, by Indigenous status, Northern Territory, 1997 to 2006

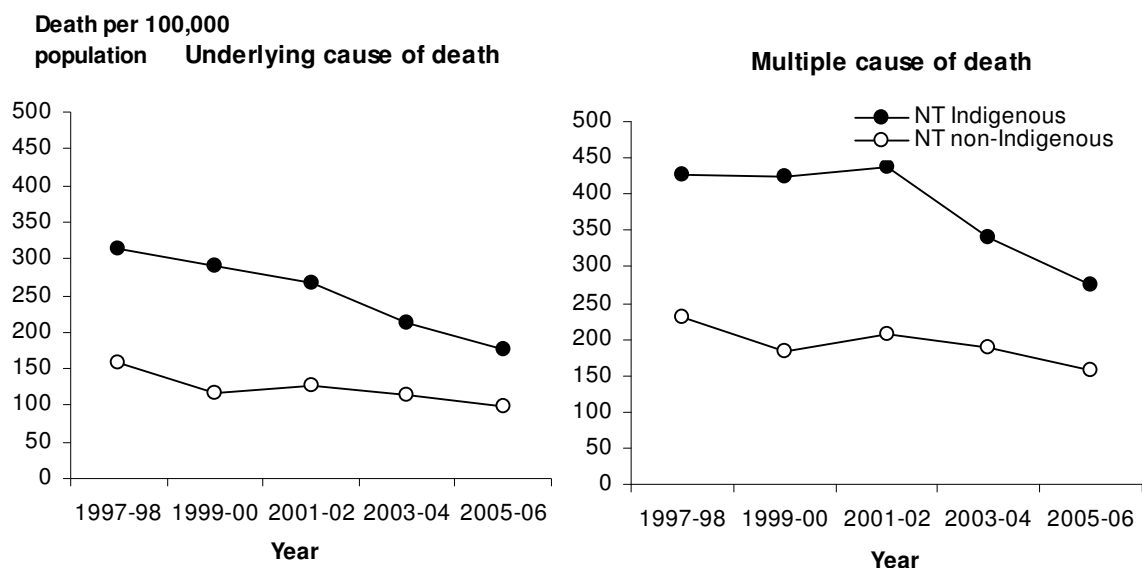


Table 57 Ischaemic heart disease, age-adjusted death rates, multiple and underlying cause of death, by sex and Indigenous status, Northern Territory, 1997 to 2006

Period	Underlying cause of death			Multiple cause of death		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Indigenous males						
1997-2000	157	412.3 (336.2-488.5)	2.1	208	554.1 (466.0 - 642.1)	2.0
2001-2005	195	318.0 (262.0-374.1)	2.1	290	505.4 (433.3 - 577.4)	2.2
2006	35	251.9 (150.0-353.8)	2.0	56	399.0 (268.8 - 529.2)	2.2
Indigenous females						
1997-2000	82	211.3 (160.9 - 261.7)	1.7	127	318.5 (258.1 - 378.9)	1.9
2001-2005	98	157.0 (121.2 - 192.8)	1.6	174	267.0 (221.9 - 312.1)	1.8
2006	14	91.5 (38.5 - 144.5)	1.1	21	132.2 (71.0 - 193.5)	1.2
Non-Indigenous males						
1997-2000	181	167.1 (137.3 - 196.8)	0.9	261	250.0 (213.1 - 286.8)	0.9
2001-2005	233	126.2 (106.5 - 145.8)	0.8	378	221.9 (195.5 - 248.3)	0.9
2006	43	114.4 (75.3 - 153.5)	0.9	61	161.5 (114.8 - 208.1)	0.9
Non-Indigenous females						
1997-2000	65	95.5 (71.3 - 119.7)	0.8	105	150.4 (120.3 - 180.4)	0.9
2001-2005	102	93.2 (74.4 - 111.9)	0.9	163	149.6 (125.9 - 173.3)	1.0
2006	24	99.7 (58.7 - 140.8)	1.2	33	131.4 (85.0 - 177.9)	1.2

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Cerebrovascular disease (stroke)

Figure 64 Stroke, trend in age-adjusted death rates, multiple and underlying cause of death, by Indigenous status, Northern Territory, 1997 to 2006

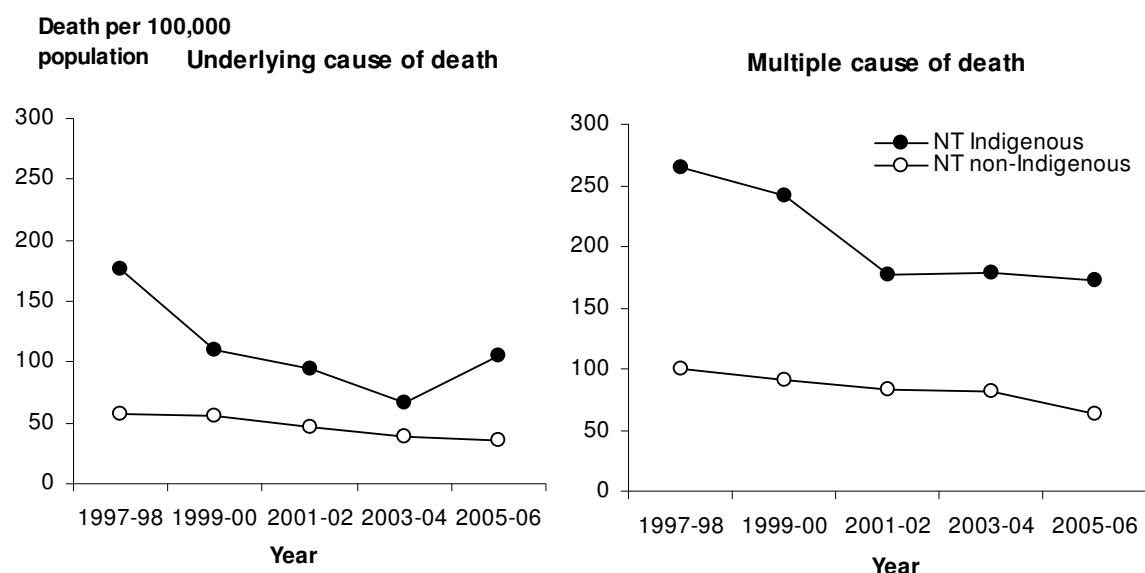


Table 58 Stroke, age-adjusted death rates, multiple and underlying cause of death, by sex and Indigenous status, Northern Territory, 1997 to 2006

Period	Underlying cause of death			Multiple cause of death		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Indigenous males						
1997-2000	51	182.0 (124.3-239.6)	2.7	90	302.3 (229.4 - 375.2)	2.6
2001-2005	37	88.7 (52.4 - 124.9)	1.6	83	194.7 (143.1 - 246.3)	1.9
2006	10	133.9 (33.7 - 234.2)	2.8	18	188.3 (79.8 - 296.8)	2.7
Indigenous females						
1997-2000	39	111.4 (72.8-150.0)	1.6	80	215.3 (163.4 - 267.3)	2.0
2001-2005	37	80.4 (50.7 - 110.0)	1.3	84	163.1 (123.0 - 203.1)	1.7
2006	12	99.1 (35.5 - 162.7)	1.8	20	161.6 (80.8 - 242.4)	2.3
Non-Indigenous males						
1997-2000	46	48.3 (31.4-65.2)	0.7	85	99.4 (74.4 - 124.4)	0.8
2001-2005	54	37.5 (25.9 - 49.1)	0.7	120	82.5 (65.6 - 99.5)	0.8
2006	12	34.3 (12.26 - 56.4)	0.7	18	51 (24.2 - 77.8)	0.7
Non-Indigenous females						
1997-2000	47	48.3 (31.4-65.2)	0.9	71	92.3 (69.0 - 115.5)	0.9
2001-2005	49	44.9 (31.8 - 58)	0.7	82	75.7 (58.7 - 92.7)	0.8
2006	8	34 (9.7 - 58.2)	0.6	14	55.2 (24.7 - 85.7)	0.8

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Hypertension

Figure 65 Hypertension, trend in age-adjusted death rates, multiple and underlying cause of death, by Indigenous status, Northern Territory, 1997 to 2006

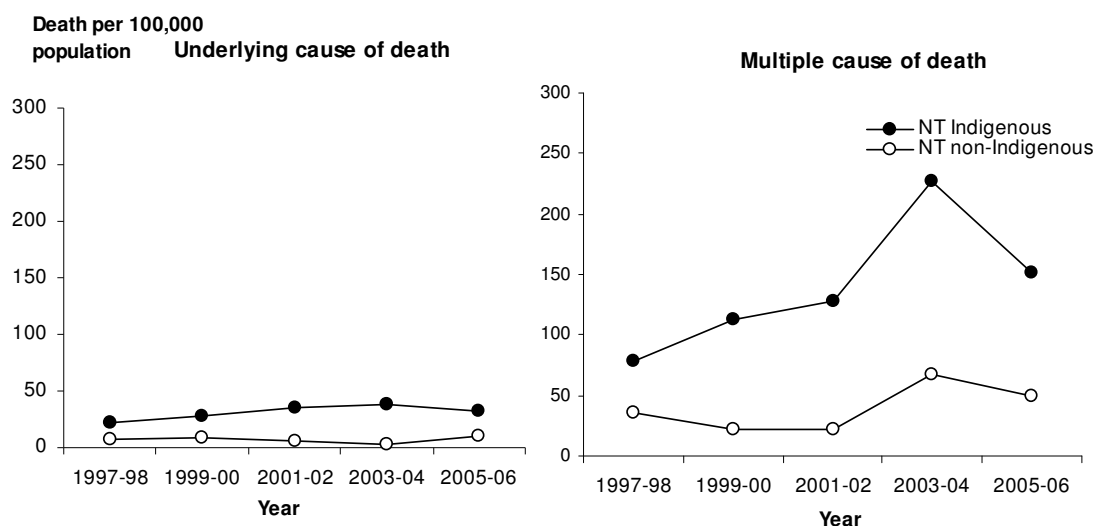


Table 59 Hypertension, age-adjusted death rates, multiple and underlying cause of death, by sex and Indigenous status, Northern Territory, 1997 to 2006

Period	Underlying cause of death			Multiple cause of death		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Indigenous males						
1997-2000	4	7.6 (0.0-15.4)	1.3	30	76.6 (44.4 - 108.7)	3.8
2001-2005	13	25.7 (9.4 - 42)	4.7	71	159.4 (115.1 - 203.6)	2.9
2006	2	19.6 (0.0 - 47.1)	3.6	18	149.2 (66.0 - 232.4)	2.7
Indigenous females						
1997-2000	15	38.3 (17.7-58.9)	5.4	43	109.2 (73.9 - 144.5)	5.3
2001-2005	20	42.4 (21.4 - 63.3)	5.9	88	183.6 (141.0 - 226.1)	3.4
2006	6	44.5 (3.9 - 85.1)	5.9	19	136.4 (66.2 - 206.7)	2.4
Non-Indigenous males						
1997-2000	8	9.5 (1.8-17.1)	1.6	29	29.3 (16.5 - 42.2)	1.5
2001-2005	10	6.3 (1.6 - 11.1)	1.1	70	47 (34.3 - 59.7)	0.9
2006	2	7.8 (0.0 - 18.9)	1.4	12	34.7 (13.1 - 56.3)	0.6
Non-Indigenous females						
1997-2000	5	6.5 (0.2-12.8)	0.9	20	25.9 (13.7 - 38.2)	1.3
2001-2005	6	5.7 (1.1 - 10.3)	0.8	47	42.5 (29.8 - 55.1)	0.8
2006	2	9.3 (0.0 - 22.3)	1.2	17	67.4 (33.9 - 101.0)	1.2

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Rheumatic fever and chronic rheumatic heart disease

Figure 66 Rheumatic fever and chronic rheumatic heart disease, trend in age-adjusted death rates, multiple and underlying cause of death, by Indigenous status, Northern Territory, 1997 to 2006

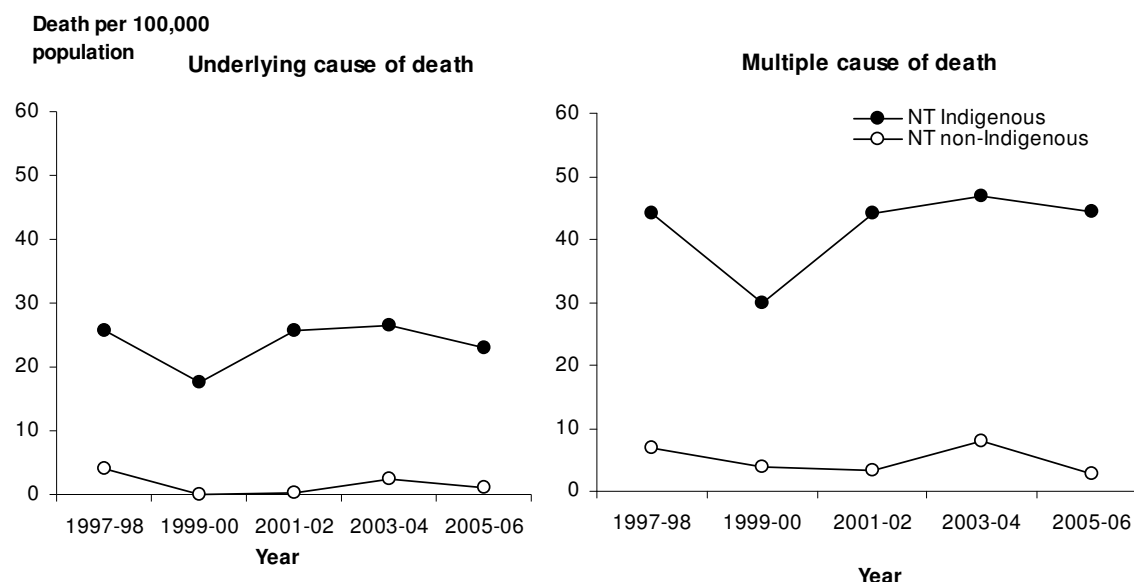


Table 60 Rheumatic fever and chronic rheumatic heart disease, age-adjusted death rates, multiple and underlying cause of death, by sex and Indigenous status, Northern Territory, 1997 to 2006

Period	Underlying cause of death			Multiple cause of death		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Indigenous males						
1997-2000	13	16.5 (4.3-28.7)	15	19	23 (9.5 - 36.5)	7.7
2001-2005	17	13.1 (6.2 - 20.0)	13.1	26	27.1 (14.3 - 39.9)	10.0
2006	4	11.1 (0.0 - 22.5)	12.333	7	50.5 (0.0 - 107.4)	22.0
Indigenous females						
1997-2000	20	0 (0.0-0.0)	15.2	33	48.9 (30.9 - 66.9)	12.9
2001-2005	33	0.2 (0.0 - 0.7)	24.1	51	62.6 (41.8 - 83.3)	17.9
2006	3	0 (0.0 - 0.0)	8.2	4	22.5 (0.0 - 47.7)	7.5
Non-Indigenous males						
1997-2000	0	25.9 (13.3-38.6)	0.0	2	6 (0.0 - 15.0)	2.0
2001-2005	1	38.5 (22.6 - 54.3)	0.2	7	3.7 (0.2 - 7.1)	1.4
2006	0	13.1 (0.0 - 30.4)	0.0	2	5.8 (0.0 - 15.3)	2.5
Non-Indigenous females						
1997-2000	2	3.5 (0.0-8.5)	2.1	6	9.2 (1.4 - 17.0)	2.4
2001-2005	3	2 (0.0 - 4.6)	1.3	6	5.3 (0.8 - 9.7)	1.5
2006	1	4.7 (0.0 - 13.8)	2.9	1	4.7 (0.0 - 13.8)	1.6

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Chronic heart failure

Figure 67 Chronic heart failure, trend in age-adjusted death rates, multiple and underlying cause of death, by Indigenous status, Northern Territory, 1997 to 2006

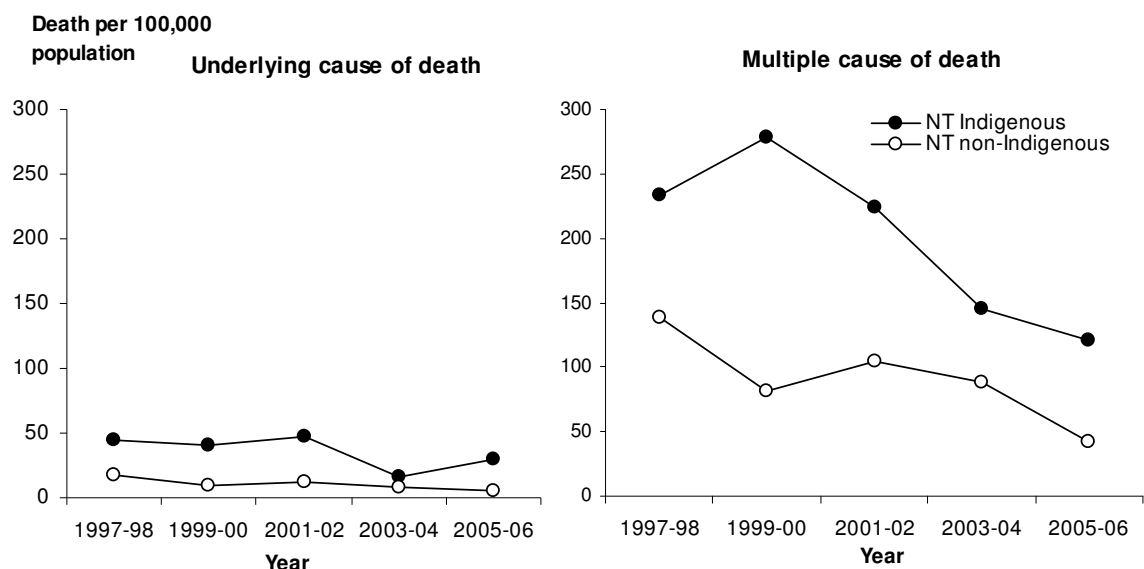


Table 61 Chronic heart failure, age-adjusted death rates, multiple and underlying cause of death, by sex and Indigenous status, Northern Territory, 1997 to 2006

Period	Underlying cause of death			Multiple cause of death		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Indigenous males						
1997-2000	10	45.2 (14.9-75.6)	3.1	79	270.0 (201.6 - 338.4)	2.5
2001-2005	11	45.6 (16.1 - 75.0)	4.1	83	224.4 (166.0 - 282.8)	2.5
2006	1	27.0 (0.0 - 79.7)	2.8	14	160.9 (50.1 - 271.7)	3.2
Indigenous females						
1997-2000	10	39.3 (14.4-64.3)	2.4	93	246.3 (191.1 - 301.6)	2.7
2001-2005	8	21.3 (5.2 - 37.5)	1.7	70	139.2 (102.1 - 176.3)	1.8
2006	3	35.3 (0.0 - 78.9)	3.0	7	65.4 (9.8 - 121.0)	1.5
Non-Indigenous males						
1997-2000	9	13.4 (3.6-23.3)	0.9	89	121.4 (93.2 - 149.6)	1.1
2001-2005	10	7.8 (2.4 - 13.2)	0.7	98	86.2 (67.9 - 104.5)	1.0
2006	2	9.6 (0.0 - 22.9)	1.0	9	24.2 (5.9 - 42.6)	0.5
Non-Indigenous females						
1997-2000	7	12.4 (3.2-21.6)	0.8	63	92.7 (68.7 - 116.7)	1.0
2001-2005	9	9.3 (3.2 - 15.3)	0.8	93	91.7 (72.8 - 110.5)	1.2
2006	1	4.7 (0.0 - 13.8)	0.4	5	20.0 (1.5 - 38.4)	0.5

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Diseases of the respiratory system

Figure 68 All respiratory diseases, trend in age-adjusted death rates, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

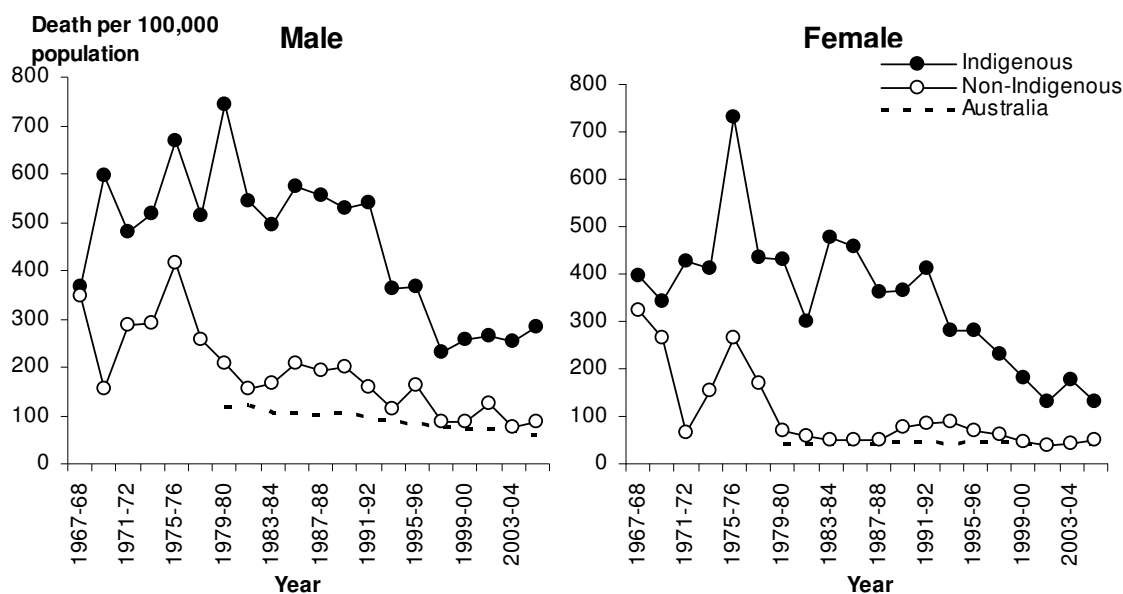


Table 62 All respiratory diseases, age-adjusted death rates, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

Period	NT Indigenous				NT non-Indigenous				Australia		
	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)
Males											
1967-1970	156	485.3	(386.9 - 583.7)		39	231.9	(127.7 - 336.1)				
1971-1975	201	517.2	(429.7 - 604.7)		68	333.5	(213.0 - 454.1)				
1976-1980	213	646.1	(543.2 - 749.0)		67	247.9	(161.9 - 334.0)				
1981-1985	174	521.9	(431.8 - 611.9)	4.5	66	154.9	(102.4 - 207.5)	1.4	26397	114.7	(113.3 - 116.2)
1986-1990	191	550.8	(461.2 - 640.3)	5.4	114	208.7	(160.1 - 257.3)	2.1	27780	101.7	(100.5 - 103.0)
1991-1995	164	416.2	(340.8 - 491.5)	4.7	111	138.4	(105.7 - 171.1)	1.6	27933	88.8	(87.7 - 89.8)
1996-2000	118	280.1	(219.9 - 340.3)	3.7	101	100.4	(78.0 - 122.8)	1.3	27975	76.1	(75.2 - 77.0)
2001-2005	119	256.0	(197.9 - 314.1)	3.7	139	99.8	(81.1 - 118.4)	1.4	29804	69.1	(68.3 - 69.9)
2006	31	312.5	(180.4 - 444.7)	5.1	26	63.3	(34.2 - 92.5)	1.0	5791	61.6	(60.0 - 63.2)
Females											
1967-1970	126	368.3	(271.7 - 464.9)		19	289.2	(108.6 - 469.7)				
1971-1975	173	458.4	(366.8 - 549.9)		22	120.3	(36.6 - 204.0)				
1976-1980	174	512.6	(419.7 - 605.4)		24	127.1	(51.4 - 202.9)				
1981-1985	138	386.9	(310.6 - 463.3)	8.9	21	48.4	(20.7 - 76.1)	1.1	14579	43.5	(42.8 - 44.2)
1986-1990	145	396.5	(322.6 - 470.3)	9.0	38	63.8	(40.5 - 87.0)	1.4	17236	44.1	(43.5 - 44.8)
1991-1995	151	331.4	(271.6 - 391.2)	7.5	54	84.6	(59.9 - 109.3)	1.9	19568	43.9	(43.3 - 44.6)
1996-2000	101	219.8	(172.2 - 267.5)	4.9	56	56.1	(40.1 - 72.0)	1.3	22910	44.6	(44.1 - 45.2)
2001-2005	85	136.5	(102.7 - 170.3)	3.0	47	41.4	(28.9 - 53.9)	0.9	26756	45.4	(44.9 - 45.9)
2006	18	190.6	(94.2 - 287.1)	4.6	14	54.7	(24.9 - 84.4)	1.3	5239	41.6	(40.5 - 42.7)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Diseases of the respiratory system

Figure 69 Selected respiratory diseases, trend in age-adjusted death rates, by Indigenous status, Northern Territory, 1967 to 2006

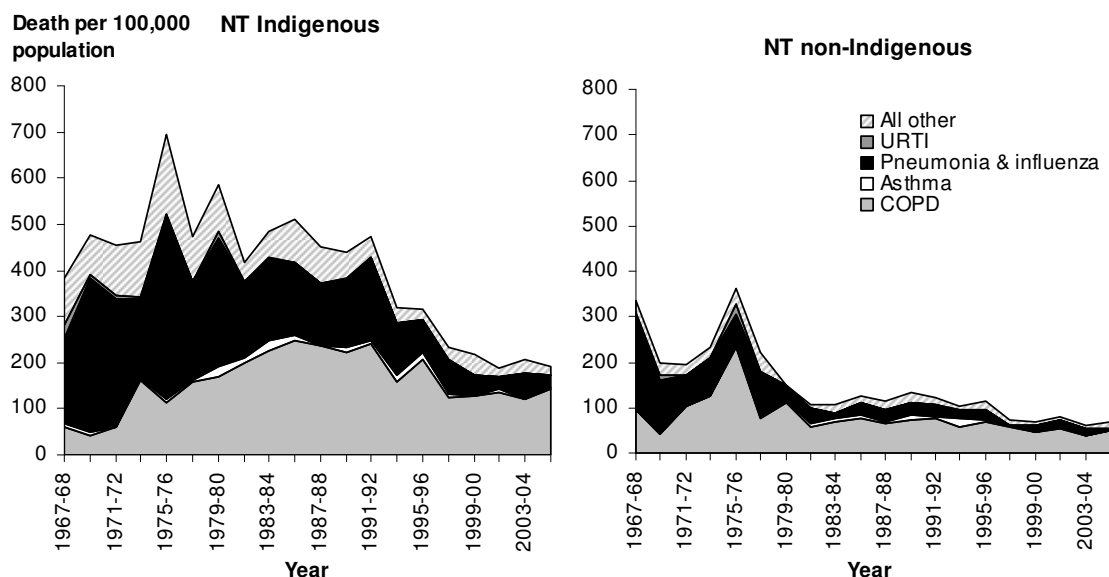


Table 63 Selected respiratory diseases, age-adjusted death rates, by sex and Indigenous status, Northern Territory, 1967 to 2006

Cause of death	NT Indigenous			NT non-Indigenous		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Males						
Chronic obstructive pulmonary disease (COPD)	483	190.7 (171.5 - 209.8)	3.5	431	88.3 (78.4 - 98.2)	1.6
Asthma	24	6.0 (3.3 - 8.7)	1.7	46	4.1 (2.4 - 5.9)	1.1
Pneumonia and influenza	628	166.9 (150.0 - 183.8)	10.4	165	24.3 (19.3 - 29.3)	1.5
Acute upper respiratory tract infections (URTI)	18	2.8 (0.7 - 4.9)	9.5	3	0.5 (0.0 - 1.2)	1.7
All other	214	67.9 (56.7 - 79.2)	5.6	86	16.8 (12.4 - 21.1)	1.4
Females						
Chronic obstructive pulmonary disease (COPD)	387	132.0 (117.4 - 146.6)	6.5	139	31.7 (25.9 - 37.5)	1.6
Asthma	42	9.0 (3.8 - 12.0)	2.3	32	4.5 (6.0 - 6.5)	1.2
Pneumonia and influenza	470	117.1 (103.4 - 130.9)	8.8	78	16.4 (12.1 - 20.8)	1.2
Acute upper respiratory tract infections (URTI)	29	3.9 (1.7 - 6.2)	14.4	7	0.8 (0.0 - 1.6)	3.0
All other	183	53.1 (43.7 - 62.5)	8.0	39	9.5 (6.2 - 12.7)	1.4

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Chronic obstructive pulmonary disease

Figure 70 Chronic obstructive pulmonary disease, trend in age-adjusted death rates, multiple and underlying cause of death, by Indigenous status, Northern Territory, 1997 to 2006

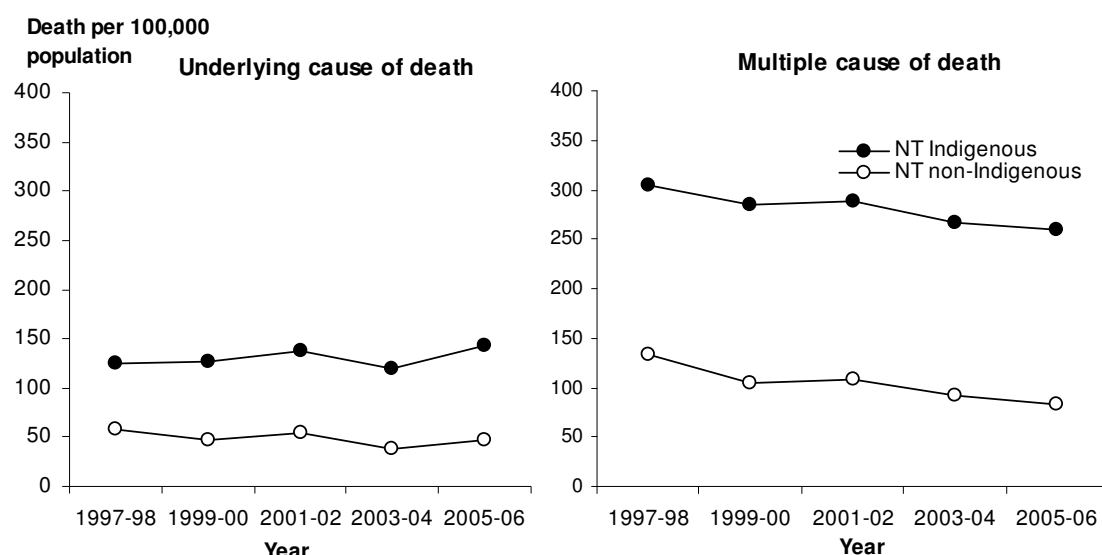


Table 64 Chronic obstructive pulmonary disease, age-adjusted death rates, multiple and underlying cause of death, by sex and Indigenous status, Northern Territory, 1997 to 2006

Period	Underlying cause of death			Multiple cause of death		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Indigenous males						
1997-2000	45	132.7 (86.8-178.6)	2.9	107	351.6 (276.3 - 427.0)	3.3
2001-2005	71	174.3 (125.5 - 223.0)	4.7	155	393.4 (319.7 - 467.1)	4.4
2006	22	238.3 (117.4 - 359.1)	8.0	28	318.3 (174.5 - 462.0)	5.4
Indigenous females						
1997-2000	40	117.9 (78.5-157.3)	5.4	88	247.5 (191.8 - 303.2)	5.5
2001-2005	45	85.4 (57.4 - 113.3)	4.2	103	197.6 (155.1 - 240.0)	4.7
2006	13	146.3 (61.0 - 231.7)	8.1	17	180.2 87.3 - 273.1)	5.7
Non-Indigenous males						
1997-2000	58	69.6 (49.6-89.6)	1.5	135	165.3 (134.0 - 196.7)	1.5
2001-2005	88	64.6 (49.5 - 79.6)	1.8	199	132.9 (111.9 - 153.8)	1.5
2006	20	49.2 (23.6 - 74.9)	1.7	39	95.2 (59.9 - 130.4)	1.6
Non-Indigenous females						
1997-2000	29	33.8 (20.6-47.1)	1.6	56	69.4 (49.9 - 89.0)	1.5
2001-2005	31	27.6 (17.4 - 37.9)	1.4	62	56.5 (41.9 - 71.1)	1.3
2006	9	35 (11.4 - 58.7)	1.9	11	44.4 (17.5 - 71.3)	1.4

Diseases of the digestive system

Figure 71 All digestive diseases, trend in age-adjusted death rates, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

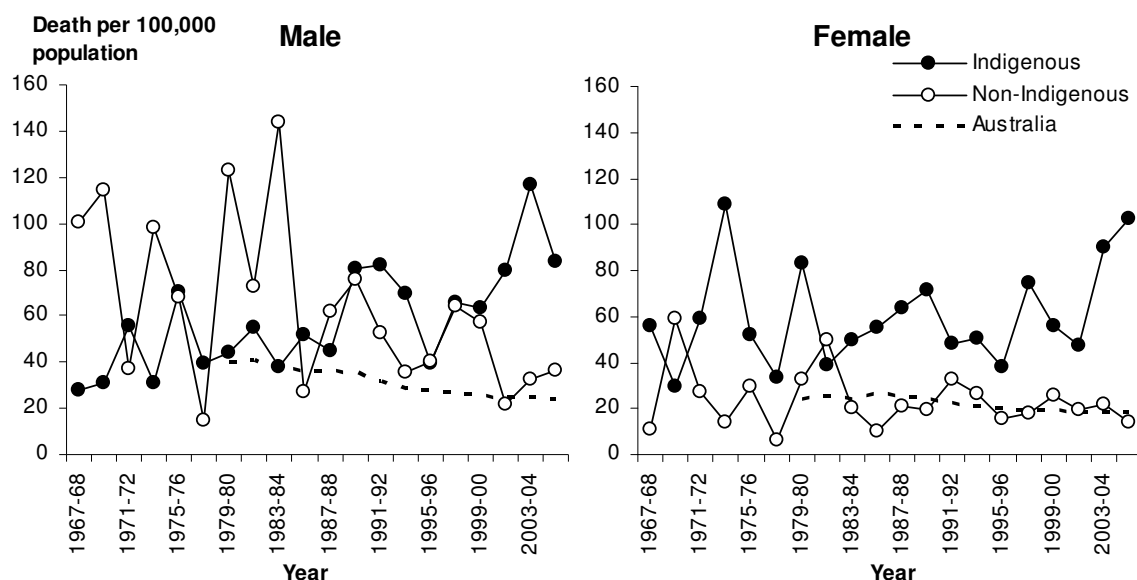


Table 65 All digestive diseases, age-adjusted death rates, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

Period	NT Indigenous				NT non-Indigenous				Australia		
	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)
Males											
1967-1970	10	29.0	(9.1 - 48.9)		23	105.2	(39.5 - 170.8)				
1971-1975	17	48.3	(22.9 - 73.8)		33	79.9	(26.3 - 133.6)				
1976-1980	25	48.5	(26.2 - 70.7)		35	66.8	(26.2 - 107.3)				
1981-1985	23	42.6	(23.0 - 62.2)	1.1	58	90.2	(54.2 - 126.2)	2.3	10266	39.0	(38.2 - 39.8)
1986-1990	31	64.9	(37.3 - 92.4)	1.8	59	60.7	(37.8 - 83.6)	1.7	10731	36.0	(35.3 - 36.7)
1991-1995	34	66.6	(38.9 - 94.2)	2.2	50	45.9	(28.2 - 63.6)	1.5	9975	29.6	(29.1 - 30.2)
1996-2000	47	60.7	(38.7 - 82.6)	2.3	69	54.5	(38.2 - 70.8)	2.1	10313	26.5	(25.9 - 27.0)
2001-2005	78	96.1	(67.7 - 124.5)	3.9	56	29.6	(19.9 - 39.2)	1.2	11123	24.5	(24.1 - 25.0)
2006	16	81.8	(37.2 - 126.4)	3.5	16	34.9	(13.8 - 56.0)	1.5	2314	23.6	(22.6 - 24.6)
Females											
1967-1970	14	42.2	(10.1 - 74.4)		8	45.6	(2.4 - 88.7)				
1971-1975	25	81.0	(44.8 - 117.1)		12	25.2	(6.0 - 44.5)				
1976-1980	19	53.3	(24.3 - 82.4)		7	24.1	(0.0 - 55.3)				
1981-1985	22	50.5	(25.0 - 75.9)	2.0	19	29.3	(10.7 - 47.9)	1.1	8446	25.6	(25.0 - 26.1)
1986-1990	28	62.0	(34.4 - 89.6)	2.5	17	17.7	(7.9 - 27.4)	0.7	9715	25.2	(24.7 - 25.7)
1991-1995	28	46.0	(25.5 - 66.5)	2.1	21	25.3	(12.6 - 38.0)	1.2	9478	21.5	(21.0 - 21.9)
1996-2000	39	60.6	(39.1 - 82.1)	3.1	25	21.2	(11.5 - 30.9)	1.1	10002	19.6	(19.2 - 20.0)
2001-2005	70	80.5	(57.9 - 103.1)	4.3	29	19.9	(11.7 - 28.0)	1.1	11017	18.9	(18.5 - 19.2)
2006	12	85.8	(29.4 - 142.1)	4.8	6	11.3	(0.4 - 22.1)	0.6	2222	17.9	(17.2 - 18.7)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Diseases of the digestive system

Figure 72 Selected digestive diseases, trend in age-adjusted death rates, by Indigenous status, Northern Territory, 1967 to 2006

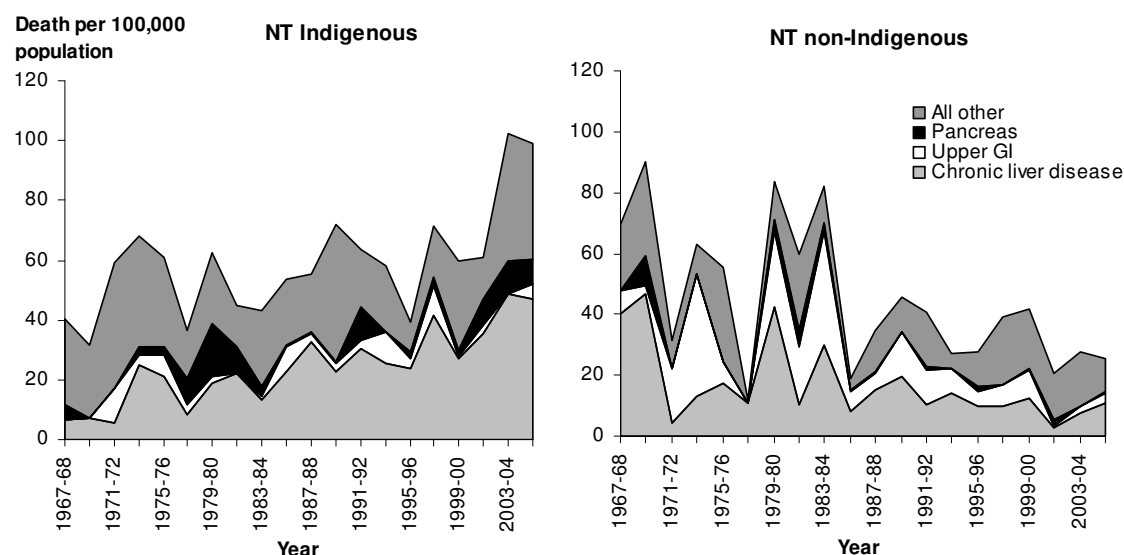


Table 66 Selected digestive diseases, age-adjusted death rates, by sex and Indigenous status, Northern Territory, 1967 to 2006

Cause of death	NT Indigenous			NT non-Indigenous		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Males						
Chronic liver disease	155	31.2 (25.7 - 36.6)	3.0	212	18.0 (14.7 - 21.3)	1.7
Oesophageal, stomach and duodenal disease (Upper GI)	19	4.1 (2.0 - 6.2)	0.7	63	11.7 (8 - 15.3)	2.0
Pancreatic disease	29	5.1 (2.7 - 7.4)	3.6	17	1.4 (0.6 - 2.3)	1.0
All other	78	22.9 (16.6 - 29.3)	1.8	107	19.9 (15.2 - 24.7)	1.6
Females						
Chronic liver disease	124	24.7 (19.9 - 29.4)	6.6	63	5.8 (4.1 - 7.5)	1.5
Oesophageal, stomach and duodenal disease (Upper GI)	9	3.5 (0.8 - 6.1)	0.8	20	3.8 (1.9 - 5.8)	0.9
Pancreatic disease	18	5.0 (2.3 - 7.7)	5.5	5	0.7 (0.0 - 1.4)	0.8
All other	106	29.8 (23.0 - 36.6)	2.4	56	11.7 (8.2 - 15.2)	0.9

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Diseases of the genitourinary system

Figure 73 All genitourinary diseases, trend in age-adjusted death rates, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

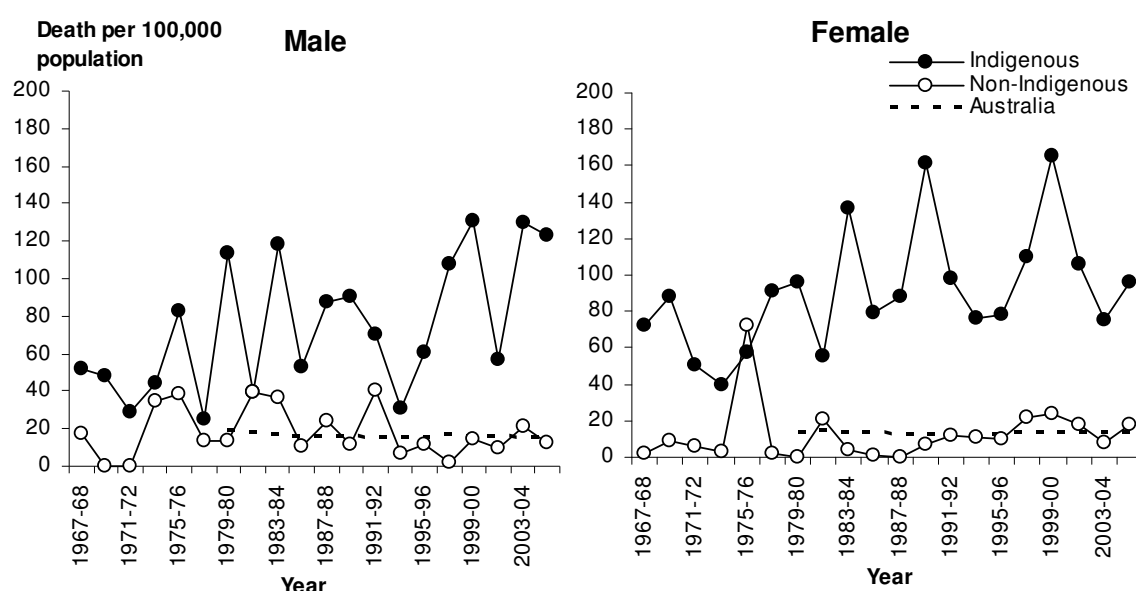


Table 67 All genitourinary diseases, age-adjusted death rates, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

Period	NT Indigenous				NT non-Indigenous				Australia		
	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)
Males											
1967-1970	14	51.5	(19.3 - 83.6)		3	7.4	(0.0 - 16.3)				
1971-1975	17	42.3	(18.4 - 66.1)		6	15.9	(0.7 - 31.1)				
1976-1980	25	78.0	(41.9 - 114.1)		7	21.4	(0.0 - 43.9)				
1981-1985	23	74.2	(39.7 - 108.7)	4.2	9	34.5	(7.7 - 61.2)	1.9	3797	17.7	(17.1 - 18.3)
1986-1990	28	81.6	(46.5 - 116.7)	5.1	7	13.9	(0.8 - 27.0)	0.9	4004	15.9	(15.4 - 16.4)
1991-1995	20	59.6	(30.4 - 88.7)	3.9	11	20.4	(6.8 - 34.0)	1.3	4507	15.3	(14.9 - 15.8)
1996-2000	38	101.6	(64.5 - 138.8)	6.1	7	9.1	(1.6 - 16.5)	0.5	5808	16.6	(16.2 - 17.0)
2001-2005	35	91.8	(55.8 - 127.8)	5.9	16	16.1	(7.9 - 24.4)	1.0	6592	15.6	(15.2 - 15.9)
2006	10	155.3	(37.1 - 273.4)	9.3	2	6.1	(0.0 - 14.4)	0.4	1556	16.7	(15.9 - 17.5)
Females											
1967-1970	18	80.5	(33.1 - 127.9)		3	6.0	(0.0 - 13.5)				
1971-1975	18	42.3	(18.3 - 66.3)		4	22.1	(0.0 - 58.9)				
1976-1980	29	91.4	(52.1 - 130.7)		2	2.1	(0.0 - 5.2)				
1981-1985	30	95.8	(58.4 - 133.3)	6.7	7	9.4	(2.0 - 16.8)	0.7	4771	14.4	(14.0 - 14.8)
1986-1990	43	114.0	(74.6 - 153.4)	8.6	1	2.8	(0.0 - 8.3)	0.2	5125	13.2	(12.9 - 13.6)
1991-1995	39	96.8	(63.9 - 129.8)	7.9	5	8.9	(0.7 - 17.0)	0.7	5411	12.2	(11.9 - 12.5)
1996-2000	58	118.1	(84.5 - 151.7)	8.5	19	22.1	(11.7 - 32.6)	1.6	7182	13.8	(13.5 - 14.1)
2001-2005	54	95.2	(65.9 - 124.4)	6.9	15	14.6	(7.0 - 22.3)	1.1	8242	13.7	(13.4 - 14.0)
2006	10	80.6	(24.8 - 136.3)	5.8	3	14.0	(0.0 - 29.8)	1.0	1771	13.9	(13.2 - 14.5)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Diseases of the genitourinary system

Figure 74 Selected genitourinary diseases, trend in age-adjusted death rates, by Indigenous status, Northern Territory, 1967 to 2006

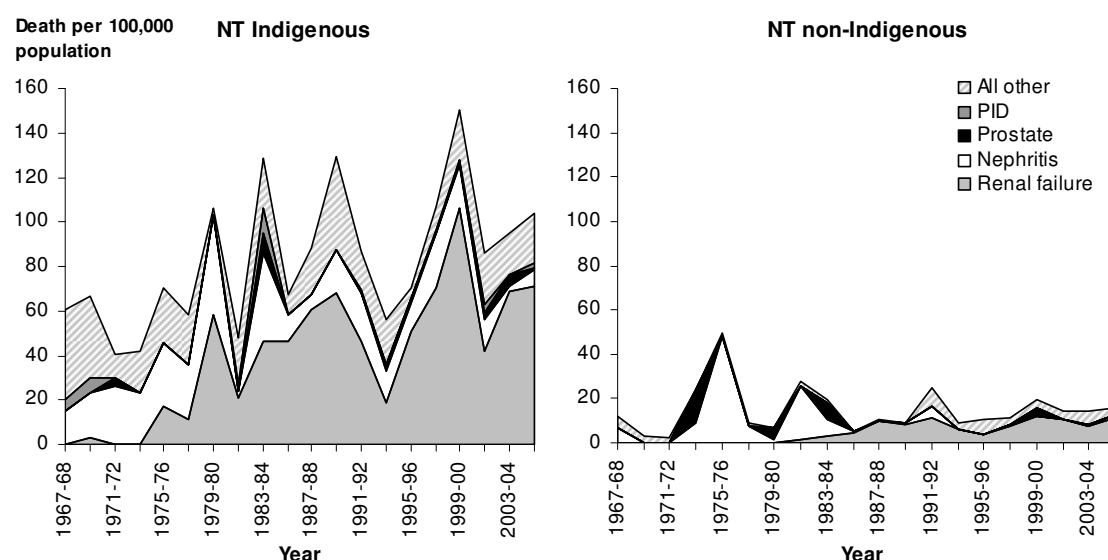


Table 68 Selected genitourinary diseases, age-adjusted death rates, by sex and Indigenous status, Northern Territory, 1967 to 2006

Cause of death	NT Indigenous			NT non-Indigenous		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Males						
Renal failure	97	40.9 (31.6 - 50.2)	4.1	29	7.3 (4.3 - 10.4)	0.7
Nephritis & nephrosis	60	15.3 (10.8 - 19.9)	8.7	16	2.6 (1 - 4.2)	1.5
Prostate disease	9	3.4 (0.9 - 5.8)	2.8	8	2.1 (0.5 - 3.7)	1.8
All other	44	16.8 (10.9 - 22.7)	4.8	15	3.8 (1.6 - 6.1)	1.1
Females						
Renal failure	138	49.1 (40.1 - 58.2)	6.8	28	8.4 (5.2 - 11.6)	1.2
Nephritis & nephrosis	75	19.5 (14.5 - 24.6)	8.5	12	1.7 (0.5 - 3)	0.7
Pelvic inflammatory disease (PID)	12	3.2 (1.2 - 5.2)	30.9	0	0.0 (0.0 - 0.0)	0.0
All other	74	22.9 (16.7 - 29.2)	5.7	19	3.7 (1.8 - 5.5)	0.9

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Renal failure

Figure 75 Renal failure, trend in age-adjusted death rates, multiple and underlying cause of death, by Indigenous status, Northern Territory, 1997 to 2006

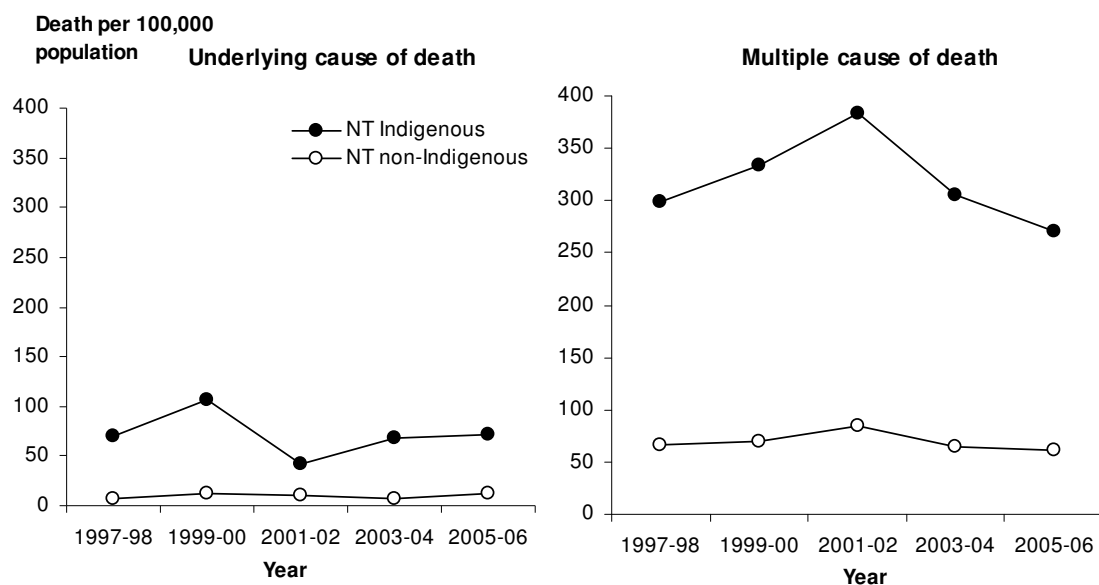


Table 69 Renal failure, age-adjusted death rates, multiple and underlying cause of death, by sex and Indigenous status, Northern Territory, 1997 to 2006

Period	Underlying cause of death			Multiple cause of death		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Indigenous males						
1997-2000	18	76.4 (37.8-115.1)	6.7	110	334.6 (262.2 - 407.0)	4.2
2001-2005	25	61.2 (32.7 - 89.7)	5.7	155	344.8 (278.8 - 410.8)	4.2
2006	7	120.1 (14.5 - 225.7)	10.1	30	373.1 (205.2 - 541.0)	7.5
Indigenous females						
1997-2000	33	99.3 (63.5-135.2)	12.0	121	304 (244.5 - 363.6)	6.1
2001-2005	31	53 (31.5 - 74.5)	6.5	204	322.4 (272.2 - 372.7)	6.1
2006	8	68 (15.0 - 120.9)	8.0	23	198.9 (106.6 - 291.3)	6.5
Non-Indigenous males						
1997-2000	2	2.4 (0.0-6.5)	0.2	57	77.5 (54.7 - 100.2)	1.0
2001-2005	9	9 (2.9 - 23.7)	0.8	115	91 (72.7 - 109.4)	1.1
2006	2	6.1 (0.0 - 41.9)	0.5	10	26.6 (8.1 - 45.0)	0.5
Non-Indigenous females						
1997-2000	10	17 (6.4-27.6)	2.0	45	59.9 (41.0 - 78.7)	1.2
2001-2005	11	11.8 (4.8 - 18.7)	1.5	71	63.1 (47.7 - 78.5)	1.2
2006	1	4.7 (0.0 - 13.8)	0.6	9	41.4 (14.4 - 68.3)	1.3

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Congenital malformations, deformation and chromosomal abnormalities

Figure 76 All congenital abnormalities, trend in age-adjusted death rates, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

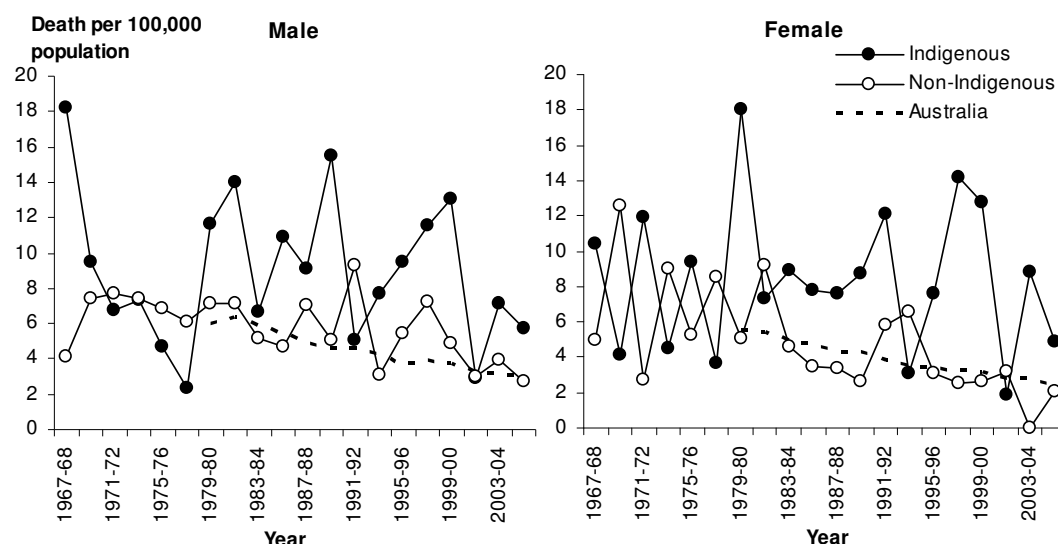


Table 70 All congenital abnormalities, age-adjusted death rates, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

Period	NT Indigenous				NT non-Indigenous				Australia		
	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)
Males											
1967-1970	11	13.9	(3.1 - 24.7)		10	6.0	(2.3 - 9.7)				
1971-1975	15	7.6	(3.7 - 11.4)		23	7.4	(4.4 - 10.5)				
1976-1980	10	5.7	(1.7 - 9.6)		20	6.7	(3.7 - 9.6)				
1981-1985	17	11.6	(4.0 - 19.1)	1.9	19	5.7	(3.1 - 8.2)	0.9	2646	6.2	(5.9 - 6.4)
1986-1990	24	10.9	(6.4 - 15.3)	2.3	18	6.0	(2.3 - 9.7)	1.2	2179	4.8	(4.6 - 5.0)
1991-1995	15	6.8	(3.2 - 10.4)	1.6	21	6.1	(3.3 - 8.9)	1.4	2015	4.3	(4.1 - 4.5)
1996-2000	21	12.0	(6.2 - 17.8)	3.2	17	5.7	(1.8 - 9.5)	1.5	1811	3.8	(3.6 - 4.0)
2001-2005	13	5.1	(2.2 - 7.9)	1.6	14	3.7	(1.7 - 5.7)	1.2	1564	3.2	(3.0 - 3.4)
2006	3	6.4	(0.0 - 13.9)	2.1	1	1.4	(0.0 - 4.1)	0.5	305	3.0	(2.7 - 3.3)
Females											
1967-1970	10	7.2	(2.7 - 11.6)		10	9.2	(1.9 - 16.4)				
1971-1975	12	8.3	(3.0 - 13.6)		16	5.7	(2.9 - 8.5)				
1976-1980	15	10.7	(3.7 - 17.7)		18	6.7	(3.6 - 9.8)				
1981-1985	16	8.3	(4.0 - 12.6)	1.6	21	6.5	(3.7 - 9.3)	1.3	2173	5.2	(5.0 - 5.4)
1986-1990	16	7.8	(3.7 - 12)	1.8	10	2.7	(1.0 - 4.4)	0.6	1930	4.4	(4.2 - 4.6)
1991-1995	12	6.5	(2.0 - 11.0)	1.8	20	5.7	(2.9 - 8.5)	1.6	1704	3.7	(3.5 - 3.9)
1996-2000	29	13.3	(8.0 - 18.5)	4.1	10	2.6	(1.0 - 4.1)	0.8	1533	3.2	(3.1 - 3.4)
2001-2005	8	4.7	(0.7 - 8.8)	1.7	6	1.6	(0.3 - 2.8)	0.6	1358	2.7	(2.6 - 2.9)
2006	3	7.8	(0.0 - 17.6)	3.2	2	2.7	(0.0 - 6.5)	1.1	252	2.4	(2.1 - 2.7)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Perinatal conditions

Figure 77 All perinatal conditions, trend in age-adjusted death rates, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

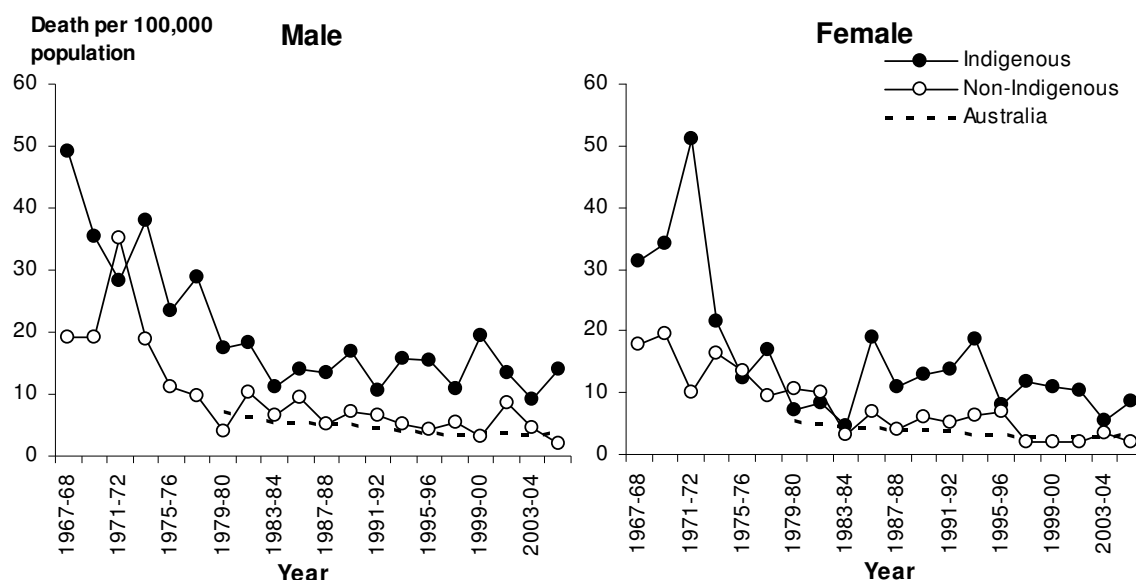


Table 71 All perinatal, age-adjusted death rates, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

Period	NT Indigenous				NT non-Indigenous				Australia		
	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)
Males											
1967-1970	60	42.0	(31.4 - 52.6)		32	19.1	(12.5 - 25.7)				
1971-1975	62	30.8	(23.1 - 38.4)		71	23.1	(17.8 - 28.5)				
1976-1980	51	23.6	(17.1 - 30.1)		25	8.1	(4.9 - 11.3)				
1981-1985	34	15.3	(10.2 - 20.4)	2.6	31	9.1	(5.9 - 12.3)	1.6	2647	5.8	(5.6 - 6.1)
1986-1990	35	14.4	(9.6 - 19.2)	2.8	24	6.2	(3.7 - 8.7)	1.2	2487	5.2	(5.0 - 5.4)
1991-1995	33	12.3	(8.1 - 16.5)	2.9	23	5.8	(3.4 - 8.2)	1.4	2096	4.2	(4.0 - 4.4)
1996-2000	45	16.4	(11.6 - 21.2)	4.6	16	3.8	(2.0 - 5.7)	1.1	1802	3.6	(3.4 - 3.8)
2001-2005	36	12.4	(8.3 - 16.4)	3.4	23	5.8	(3.4 - 8.2)	1.6	1792	3.6	(3.4 - 3.8)
2006	7	11.6	(3.0 - 20.2)	3.3	1	1.3	(0.0 - 3.9)	0.4	360	3.5	(3.2 - 3.9)
Females											
1967-1970	47	32.8	(23.5 - 42.2)		29	18.8	(12.0 - 25.6)				
1971-1975	62	31.7	(23.8 - 39.6)		39	13.9	(9.5 - 18.3)				
1976-1980	24	11.7	(7.0 - 16.3)		27	10.1	(6.3 - 14)				
1981-1985	22	10.3	(6.0 - 14.5)	2.2	21	6.5	(3.7 - 9.3)	1.4	1990	4.6	(4.4 - 4.8)
1986-1990	28	12.2	(7.7 - 16.7)	3.0	20	5.4	(3 - 7.8)	1.3	1837	4.0	(3.9 - 4.2)
1991-1995	35	14.6	(9.7 - 19.4)	4.4	24	6.1	(3.7 - 8.6)	1.9	1555	3.3	(3.1 - 3.4)
1996-2000	27	10.7	(6.6 - 14.7)	3.6	11	2.8	(1.1 - 4.4)	0.9	1404	3.0	(2.8 - 3.1)
2001-2005	21	7.6	(4.3 - 10.8)	2.6	10	2.7	(1.0 - 4.3)	0.9	1387	2.9	(2.8 - 3.1)
2006	6	10.5	(2.1 - 18.8)	3.4	1	1.4	(0.0 - 4.0)	0.4	294	3.0	(2.7 - 3.4)

Ill-defined clinical symptoms and signs

Figure 78 All ill-defined conditions, trend in age-adjusted death rates, by sex and indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

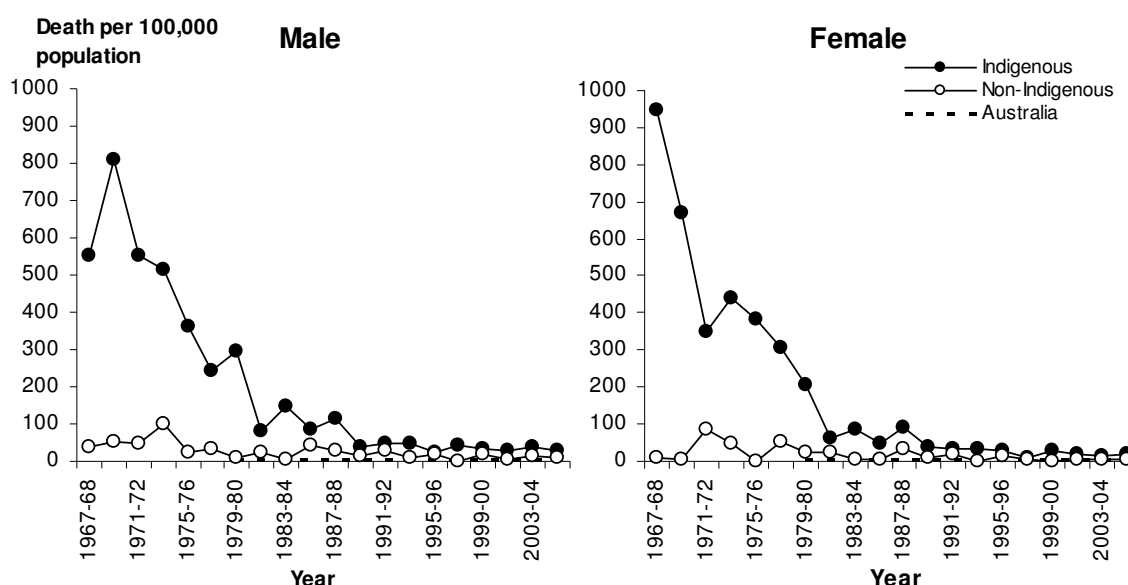


Table 72 All ill-defined, age-adjusted death rates, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

Period	NT Indigenous				NT non-Indigenous				Australia		
	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)
Males											
1967-1970	121	683.9	(543.3 - 824.5)		10	43.9	(0.1 - 87.8)				
1971-1975	113	488.2	(387.4 - 589.0)		25	63.3	(11.3 - 115.2)				
1976-1980	75	298.8	(223 - 374.6)		19	20.7	(0.3 - 41.1)				
1981-1985	35	111.8	(67.2 - 156.4)	18.6	23	19.2	(5.4 - 32.9)	3.2	2212	6.0	(5.7 - 6.3)
1986-1990	48	75.0	(45.7 - 104.3)	13.2	63	26.8	(15.0 - 38.6)	4.7	2362	5.7	(5.5 - 5.9)
1991-1995	40	41.3	(22.9 - 59.7)	10.7	29	18.2	(7.0 - 29.3)	4.7	1606	3.8	(3.6 - 4.0)
1996-2000	37	35.1	(17.9 - 52.3)	9.9	22	11.4	(4.4 - 18.4)	3.2	1566	3.6	(3.4 - 3.7)
2001-2005	38	29.9	(17.1 - 42.7)	6.3	28	11.4	(6.2 - 16.6)	2.4	2246	4.7	(4.5 - 4.9)
2006	5	35.8	(0.0 - 89.3)	4.2	2	2.2	(0.0 - 5.2)	0.3	865	8.6	(8.0 - 9.1)
Females											
1967-1970	138	801.6	(644.0 - 959.1)		5	7.7	(0.0 - 15.9)				
1971-1975	88	382.7	(290.0 - 475.4)		7	58.4	(0.0 - 121.7)				
1976-1980	70	291.8	(214.4 - 369.2)		4	31.4	(0.0 - 73.7)				
1981-1985	31	70.4	(38.2 - 102.5)	16.6	19	12.4	(1.2 - 23.6)	2.9	1610	4.2	(4.0 - 4.4)
1986-1990	41	61.4	(34.9 - 87.9)	15.3	27	20.0	(8.2 - 31.7)	5.0	1700	4.0	(3.8 - 4.2)
1991-1995	36	31.1	(16.7 - 45.6)	10.4	15	12.1	(3.5 - 20.7)	4.1	1357	3.0	(2.8 - 3.1)
1996-2000	28	24.2	(11.5 - 36.9)	8.7	10	3.8	(0.5 - 7.0)	1.4	1384	2.8	(2.6 - 2.9)
2001-2005	15	13.7	(3.0 - 24.4)	3.9	12	5.6	(1.7 - 9.6)	1.6	1920	3.5	(3.3 - 3.6)
2006	9	31.1	(9.3 - 52.9)	5.1	3	4.1	(0.0 - 8.7)	0.7	711	6.1	(5.7 - 6.6)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Injury and poisoning

Figure 79 All injury and poisoning, trend in age-adjusted death rates, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

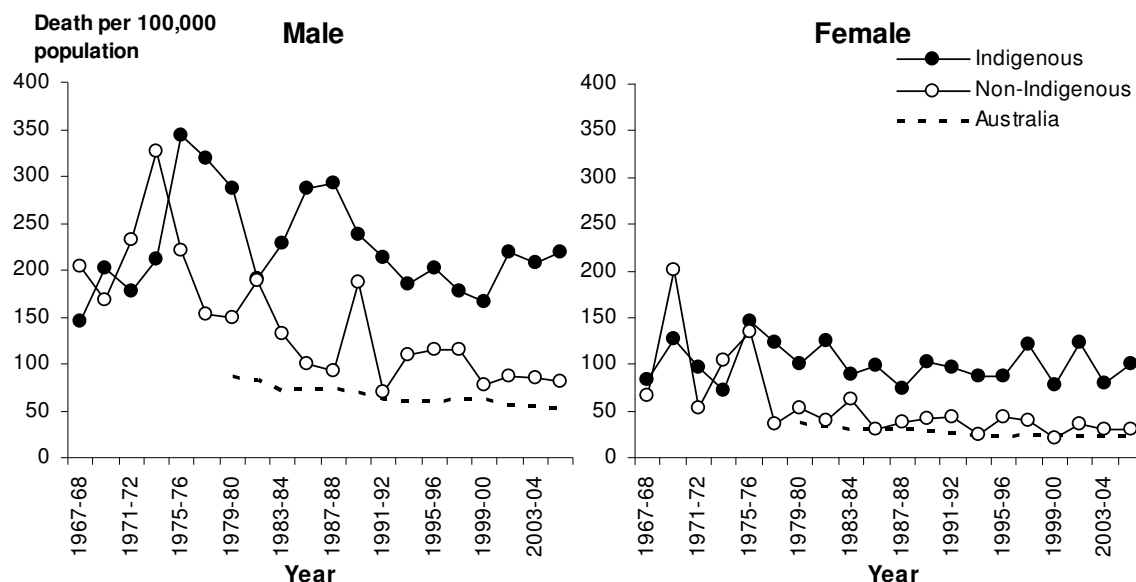


Table 73 All injury and poisoning, age-adjusted death rates, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

Period	NT Indigenous				NT non-Indigenous				Australia		
	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)
Males											
1967-1970	76	172.8	(123.3 - 222.2)		161	181.9	(137.3 - 226.6)				
1971-1975	132	235.2	(184.9 - 285.4)		352	269.3	(198.7 - 339.9)				
1976-1980	200	301.3	(252.7 - 350.0)		328	162.4	(140.6 - 184.1)				
1981-1985	168	231.7	(189.5 - 273.9)	3.0	333	149.1	(117.1 - 181.0)	1.9	27506	76.8	(75.9 - 77.8)
1986-1990	211	263.9	(220.9 - 307.0)	3.7	350	130.3	(107.1 - 153.6)	1.8	28102	71.9	(71.0 - 72.8)
1991-1995	198	191.2	(157.7 - 224.6)	3.1	287	95.7	(80.1 - 111.4)	1.6	25639	60.9	(60.2 - 61.7)
1996-2000	213	183.4	(153.0 - 213.8)	2.9	326	98.2	(83.9 - 112.6)	1.6	27950	62.3	(61.6 - 63.0)
2001-2005	279	215.5	(181.2 - 249.9)	3.9	274	86.6	(73.9 - 99.3)	1.6	26499	55.2	(54.6 - 55.9)
2006	58	212.9	(138.3 - 287.4)	4.1	53	71.3	(49.4 - 93.2)	1.4	5232	51.8	(50.4 - 53.2)
Females											
1967-1970	46	106.6	(64.2 - 148.9)		44	144.7	(49.1 - 240.3)				
1971-1975	59	102.0	(71.6 - 132.5)		82	76.6	(37.1 - 116.2)				
1976-1980	69	113.7	(81.0 - 146.5)		80	64.5	(31.5 - 97.6)				
1981-1985	78	109.2	(78.3 - 140.2)	3.5	70	44.5	(26.0 - 63.0)	1.4	11423	31.6	(31.0 - 32.2)
1986-1990	74	86.5	(61.9 - 111.0)	3.0	81	39.2	(25.6 - 52.7)	1.3	11855	29.3	(28.7 - 29.8)
1991-1995	80	88.6	(62.3 - 114.8)	3.7	70	37.0	(24.1 - 49.8)	1.5	10755	24.2	(23.7 - 24.7)
1996-2000	104	98.9	(75.1 - 122.7)	4.0	74	31.9	(22.3 - 41.5)	1.3	12081	24.7	(24.3 - 25.1)
2001-2005	132	111.4	(87.8 - 135.1)	4.7	78	32.8	(23.8 - 41.8)	1.4	12788	23.5	(23.1 - 23.9)
2006	20	55.8	(29.7 - 81.9)	2.5	14	29.4	(11.9 - 46.9)	1.3	2609	22.6	(21.7 - 23.5)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Injury and poisoning

Figure 80 Selected injuries, trend in age-adjusted death rates, by Indigenous status, Northern Territory, 1967 to 2006

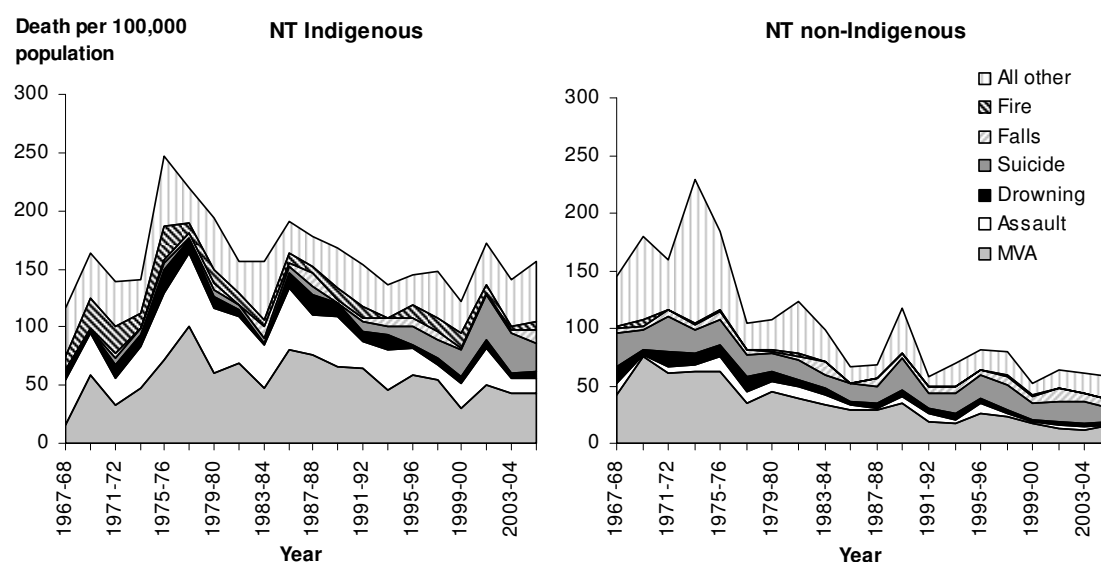


Table 74 Selected injuries, age-adjusted death rates, by sex and Indigenous status, Northern Territory, 1967 to 2006

Cause of death	NT Indigenous			NT non-Indigenous		
	No.	Rate (95%CI)	Rate ratio	No.	Rate (95%CI)	Rate ratio
Males						
Motor vehicle accident (MVA)	587	83.8 (75.7 - 91.8)	18.2	929	39.5 (36.3 - 42.6)	8.6
Assault	255	39.0 (33.4 - 44.6)	7.8	157	6.7 (5.6 - 7.8)	1.3
Drowning	115	13.7 (10.8 - 16.6)	0.9	185	7.3 (6.1 - 8.6)	0.5
Suicide	213	24.6 (21.0 - 28.1)	1.2	546	27.0 (24.1 - 29.9)	1.4
Accidental falls	29	6.0 (3.6 - 8.5)	2.8	96	8.2 (5.6 - 10.8)	3.8
Fire	35	9.4 (5.2 - 13.6)	3.1	22	1.0 (0.5 - 1.5)	0.3
All other	301	46.0 (39.0 - 53.0)	10.3	529	32.8 (28.3 - 37.4)	7.3
Females						
Motor vehicle accident (MVA)	203	27.7 (23.4 - 32)	7.6	260	14.1 (12 - 16.2)	3.9
Assault	192	24.7 (20.9 - 28.5)	6.7	40	2.5 (1.4 - 3.5)	0.7
Drowning	34	3.0 (1.8 - 4.2)	0.3	55	2.5 (1.8 - 3.3)	0.3
Suicide	31	3.3 (2.1 - 4.6)	0.4	85	5.1 (3.6 - 6.6)	0.7
Accidental falls	13	3.0 (0.8 - 5.2)	2.5	26	4.8 (2.5 - 7.1)	3.9
Fire	38	11.0 (6.9 - 15.1)	15.2	3	0.2 (0.0 - 0.4)	0.3
All other	151	27.3 (21.5 - 33.1)	7.0	124	13.3 (10.0 - 16.7)	3.4

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

All other conditions

Figure 81 All other diseases, age-adjusted death rates, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

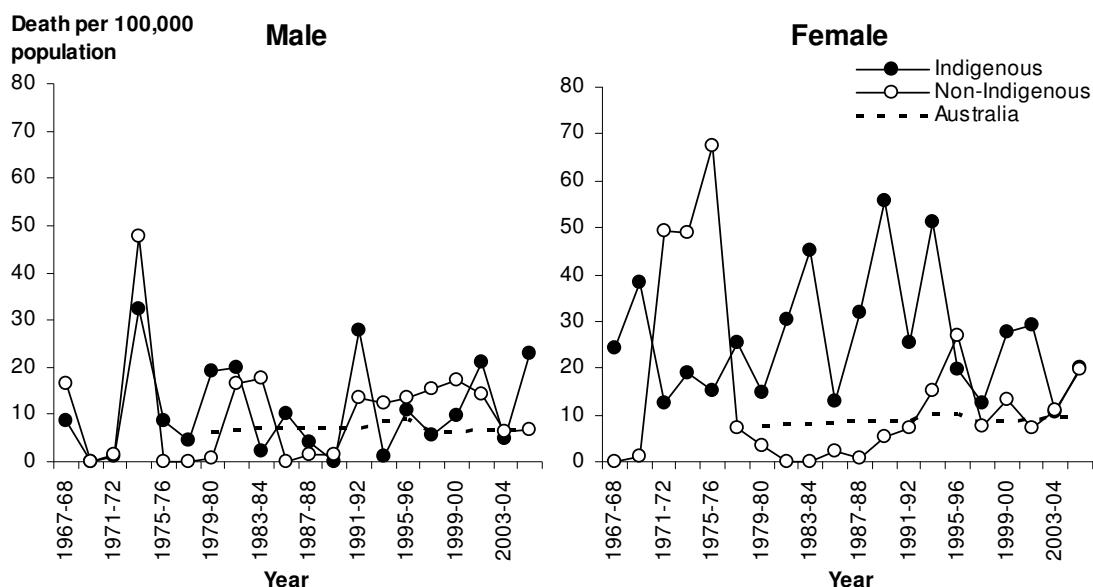


Table 75 All other diseases, age-adjusted death rates, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006 and Australia 1979 to 2006

Period	NT Indigenous				NT non-Indigenous				Australia		
	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)	Rate ratio	No.	Rate	(95%CI)
Males											
1967-1970	2	4.4	(0.0 - 11.9)		1	5.6	(0.0 - 16.6)				
1971-1975	5	13.5	(0.0 - 29.3)		4	18.3	(0.0 - 48.3)				
1976-1980	6	12.5	(1.5 - 23.6)		1	0.3	(0.0 - 1.0)				
1981-1985	4	9.6	(0.0 - 23.0)	1.4	4	12.9	(0.0 - 29.6)	1.9	1711	6.9	(6.6 - 7.3)
1986-1990	2	4.4	(0.0 - 10.8)	0.7	2	1.3	(0.0 - 3.0)	0.2	1923	6.8	(6.5 - 7.2)
1991-1995	7	15.9	(1.4 - 30.3)	2.0	10	10.3	(1.6 - 18.9)	1.3	2507	7.9	(7.6 - 8.2)
1996-2000	5	6.2	(0.0 - 12.4)	0.9	18	17.9	(8.1 - 27.8)	2.6	2546	6.8	(6.5 - 7.1)
2001-2005	9	19.0	(2.2 - 35.8)	2.8	12	9.0	(3.3 - 14.6)	1.3	2985	6.8	(6.6 - 7.1)
2006	2	4.5	(0.0 - 11.0)	0.6	4	7.3	(0.0 - 15.1)	1.0	693	7.3	(6.7 - 7.8)
Females											
1967-1970	14	31.4	(13.6 - 49.2)		1	0.6	(0.0 - 1.9)				
1971-1975	7	15.2	(2.4 - 28.1)		7	60.8	(0.0 - 124.2)				
1976-1980	8	19.1	(2.1 - 36.1)		2	4.5	(0.0 - 10.8)				
1981-1985	16	29.7	(8.9 - 50.5)	3.7	2	0.8	(0.0 - 1.9)	0.1	2724	8.1	(8.9 - 8.4)
1986-1990	18	40.4	(16.4 - 64.4)	4.9	4	2.9	(0.0 - 6.3)	0.4	3242	8.3	(16.4 - 8.6)
1991-1995	17	35.9	(15.8 - 56)	3.8	12	15.2	(5.1 - 25.4)	1.6	4244	9.6	(15.8 - 9.8)
1996-2000	15	19.0	(8.5 - 29.5)	2.2	13	13.4	(5.3 - 21.6)	1.5	4439	8.7	(8.5 - 8.9)
2001-2005	16	21.2	(8.3 - 34)	2.3	14	11.7	(5.0 - 18.4)	1.3	5424	9.3	(8.3 - 9.5)
2006	3	15.3	(0.0 - 34.1)	1.6	4	18.4	(0.4 - 36.3)	1.9	1182	9.5	(0.0 - 10.0)

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Appendices

Appendix 1 International Classification of Disease (ICD) coding

Table 76 Codes for ICD-7, ICD-8, ICD-9 and ICD-10

Diseases or conditions	ICD 7	ICD 8	ICD 9	ICD 10
Infectious and parasitic diseases	001.0-137.9 138.1-138.9 571.0-571.9 696.0-697.9 764.0-764.5	000.0-134.9 136.0-136.9	001.0-134.9 136.0-139.8 279.1	A00.0 - B99.9
Intestinal infectious disease	040.0-043.9 045.0-049.9 571.0-571.9 764.0-764.5	000.0-009.9	001.0-009.9	A00.0-A09.9
Tuberculosis	001.0-019.9	010.0-019.9	010.0-018.9 137.0-137.4	A15.0 - A19.9 B90.0 - B90.9
Melioidosis	064.3	025.0-025.9	025.0-025.9	A24.1 - A24.4
Septicaemia	053.0-054.9	038.0-038.9	038.0-038.9	A40.0 - A41.9
Neoplasms ¹	140-205	140.0-209.9	140.0-208.9 238.4	C00.0 - D46.9 D47.1, D47.3
Cancer of the trachea, bronchus and lung	162.0-162.1	162.0-162.9	162.0-162.9	C33.0 - C34.9
Cancer of the oesophagus & stomach	150.0-151.9	150.0-151.9	150.0-150.5 150.9 151.0-151.9	C15.0 - C16.9
Cancer of the liver & intrahepatic bile ducts	155.0	155.0-155.1	155.0-155.2	C22.0 - C22.9
Cancer of the colon & rectum	153.0-154.9	153.0-154.1	153.0-154.1	C18.0 - C20.9
Cancer of the anus ²	Nil code	154.2	154.2-154.9	C21.0 - C21.9
Cancer of the prostate	177.0-177.9	185.0-185.9	185.0-185.9	C61.0 - C61.9
Cancer of the cervix	171.0-171.9	180.0-180.9	180.0-180.9	C53.0 - C53.9
Cancer of the breast	170.0-170.9	174.0-174.9	174.0-175.9	C50.0 - C51.9
Endocrine, nutritional & metabolic disease	250.0-287.9 289.0-289.9	240.0-273.9 275.2-279.9	240.0-273.9 275.0-278.9	E00.0 - E90.9
Diabetes mellitus	260.0-260.9	250.0-250.9	250.0-250.9	E10.0 - E14.9
Nutritional disease	280.0-286.9	260.0-269.9	260.0-269.9	E40.0 - E64.9

Diseases or conditions	ICD 7	ICD 8	ICD 9	ICD 10
Blood, blood forming organs & Immune disorders	138.0, 290.0-299.9	135.0-135.9 275.0, 275.1 280.0-289.9	135.0-135.9 273.0, 279.0 279.2-279.9 280.0-289.9	D50.0 - D89.9
Mental & behavioural disorders	300.0-326.9	290.0-315.9	290.0-319.9	F00.0 - F99.9
Alcohol related mental & behavioural disorders	307.0-307.9 322.0-322.9	291.0-291.9 303.9	291.0-291.9 303.0-303.9 305.0	F10.0 - F10.9
Other psychoactive substance use related mental & behavioural disorder	323.0-323.9	304.0-304.9	292.0-292.9 304.0-304.9 305.1-305.9	F11.0-F19.9
Disease of the nervous system & sense organs	340.0-361.9 364.0-398.9 781.0-781.9 744.0	320.0-351.9 354.0-389.9 781.0-781.9 733.0	320.0-389.9	G00.0 - G99.9 H00.0 - H95.9
Meningitis	340.0-340.9	320.0-320.9	320.0-322.9	G00.0 - G03.9
Epilepsy	353.0-353.9	345.0-345.9	345.0-345.9	G40.0 - G41.9
Diseases of the circulatory system	400.0-468.9	390.0-458.9	390.0-459.9	I00.0 - I99.9
Ischaemic heart disease	420.0-420.9 422.0-422.2	410.0-414.9	410.0-414.9	I20.0 - I25.9
Cerebrovascular disease	330.0-334.9	430.0-438.9	430.0-438.9	I60.0 - I69.9
Hypertension	440.0-447.9	400.0-404.9	401.0-405.9	I10.0 - I15.9
Rheumatic fever & rheumatic heart disease	400.0-416.9	390.0-398.9	390.0-398.9	I00.0 - I09.9
Heart failure	434.1, 434.2 782.4	427.0, 427.1 782.4	428.0-428.9	I50.0 - I50.9
Diseases of the respiratory system	470.0-527.9 240.0-241.9	460.0-519.9	460.0-519.9	J00.0-J99.9
Chronic obstructive pulmonary disease	501.0-502.9 526.0-526.9	490.0-492.9 518.0-518.9	490.0-492.9 494.0-496.9	J40.1-J44.9 J47
Asthma	241.0-241.9	493.0-493.9	493.0-493.9	J45.0-J46.9
Pneumonia & influenza	480.0-483.9 490.0-493.9	470.0-474.9	480.0-487.9	J09.0 - J18.9
Acute upper respiratory infections	470.0-475.9 500.0-500.9	460.0-466.9	460.0-466.9	J00.0-J06.9
Digestive system	530.0-570.9 572.0-587.9	520.0-577.9	520.0-579.9	K00.0-K93.9
Chronic liver disease	581.0-581.9	571.0-571.9	571.0-571.9	K70.0-K74.9
Oesophageal, stomach & duodenal disease	539.0-545.9	530.0-537.9	530.0-537.9	K20.0-K31.9
Diseases of the pancreas	587.0-587.9	577.0-577.9	577.0-577.9	K85.0-K86.9

Diseases or conditions	ICD 7	ICD 8	ICD 9	ICD 10
Diseases of the genitourinary system	590.0-637.9 792.0-792.9 786.7	580.0-629.9 792.0-792.9 786.7	580.0-629.9	N00.0-N99.9
Renal failure	792.0-792.9	792.0-792.9	584.0-586.9	N17.0-N19.9
Nephritis & nephrosis	590.9-593.9	580.0-583.9	580.0-583.9 590.0, 590.1 590.8, 593.6 599.7	N00.0-N12.9
Prostate disease	610.0-612.9	600.0-602.9	600.0-602.9	N40.0-N42.9
Pelvic inflammatory disease	622.0-624.9 630.0-630.9	612.0-614.9 615.1, 616.0 161.1 620.0-620.9 622.0, 622.1	614.0-616.9	N70.0-N77.9
Congenital malformations	750.0-759.9	740.0-759.9	740.0-759.9	Q00.0-Q99.9
Perinatal conditions	760.0-763.5 765.0-776.9	760.0-779.9	760.0-779.9	P00.0-P99.9
Ill-defined clinical signs & symptoms	780.0-780.9 782.0-782.3 782.5-786.6 787.0-791.0 793.0-795.9	780.0-780.9 782.0-782.3 782.5-786.6 787.0-791.0 793.0-796.9	780.0-799.9	R00.0-R99.9
Injury and poisoning	800.0-999.9	800.0-999.9	800.0-999.9	V00.0 - V99.9 W00.0 - X59.9
Motor vehicle accident	810.0-841.9 960.0	810.0-825.9 940.0	810.0-825.9 929.0	V02.0 - V04.9 V09.0 - V09.3 V12.0 - V14.9 V19.0 - V19.6 V20.0 - V79.9 V80.3 - V80.5 V81.0 - V81.1 V82.0 - V82.1 V83.0 - V83.1 V84.0 - V88.9 V89.0, V89.2 V89.9, Y85.0
Assault	980.0-983.9 964.9	960.0-969.9	960.0-969.9	X85.0 - Y09.9 Y87.1
Drowning	850.0-851.9 929.0-929.9	910.0-910.9 830.0-830.9 832.0-832.9	910.0-910.9 830.0-830.9 832.0-832.9	W65.0 - W74.9 W90, V92
Suicide	970.0-979.9	950.0-959.9	950.0-959.9	X60.0 - X84.9 X87.0
Accidental falls	900.0-904.9	880.0-887.9 949.3	880.0-886.9 888.0-888.9 929.3	W00.0 - W19.9
Fire	916.0-916.9	890.0-899.9 944.9	890.0-899.9 929.4	X00.0 - X09.9

Notes:

1) ICD-10 codes for cancer were based on recent codes used by AIHW (AIHW 2010).

2) Cancer of the anus does not have a specific code in ICD-7 and may have been classified under cancer of the rectum.

Appendix 2 Life table calculation

The abridged period life table is used to calculate the life expectancy at birth. It depicts the mortality experience of a hypothetical population (typically 100,000 in size) if it experienced throughout its entire life the mortality conditions of a particular time period (reference period). It is based on the assumption that this group will follow the age-specific death rate for the reference period.

It is constructed using the following functions:

D_i	Number of deaths per annum
P_i	Estimated mid-year population
n_i	Five-year intervals within age group
M_i	Age-specific death rate in interval (x_i, x_{i+1}) $M_i = D_i / P_i$
A_i	Fraction of last year of life = 0.5
Q_i	Probability of dying in interval (x_i, x_{i+1}) $q = n_i M_i / (1 + (1 - a_i) n_i M_i)$
l_i	Number of living at age x_i $l_{i+1} = l_i - d_i$
D_i	Number of dying in interval (x_i, x_{i+1}) $d = l_i q_i$
L_i	Number of years lived in interval (x_i, x_{i+1}) $L_i = n_i (l_i - d_i) + a_i n_i d_i$
L_w	A open interval aged w $L_w = l_w / M_w$

General formula:

$$nLx = n/2 (l_x + l_{x+n})$$

Formula for age group 75 and over:

$${}^{\infty}L_{75} = l_{75} / {}^{\infty}M_{75}$$

T_i	Total number of years lived beyond age x_i $T_i = L_i + L_{i+1} + \dots + L_w$
e_i	Expectation of life at age x_i $e_i = T_i / l_i$

Appendix 3 Population data

Table 77 Population of the Northern Territory, by sex and Indigenous status, 1967 to 2006

Year	Male			Female		
	NT Indigenous	NT non-Indigenous	Total	NT Indigenous	NT non-Indigenous	Total
1967	13237	21075	34312	12797	14727	27524
1968	13589	24082	37671	13156	16708	29864
1969	13961	26916	40877	13536	18549	32085
1970	14347	29961	44308	13929	20573	34502
1971	14752	32998	47750	14338	23647	37985
1972	15121	35749	50870	14729	26482	41211
1973	15505	37745	53250	15140	28737	43877
1974	15904	40141	56045	15564	31315	46879
1975	16320	35161	51481	16007	25381	41388
1976	16749	37347	54096	16469	27663	44132
1977	17111	39717	56828	16862	30248	47110
1978	17487	42518	60005	17268	32707	49975
1979	17874	44117	61991	17693	34465	52158
1980	18277	44942	63219	18134	36892	55026
1981	18696	46697	65393	18593	38630	57223
1982	19113	50275	69388	19032	41894	60926
1983	19546	52790	72336	19490	44090	63580
1984	19992	55674	75666	19961	46527	66488
1985	20451	58548	78999	20451	49086	69537
1986	20931	60789	81720	20959	51742	72701
1987	21388	62264	83652	21393	53160	74553
1988	21863	62040	83903	21838	53285	75123
1989	22345	62400	84745	22300	54134	76434
1990	22850	63008	85858	22782	55088	77870
1991	23367	63262	86629	23275	55589	78864
1992	23878	64122	88000	23758	56328	80086
1993	24403	65143	89546	24257	56931	81188
1994	24940	66052	90992	24771	57612	82383
1995	25500	67764	93264	25299	58989	84288
1996	26074	69594	95668	25848	60327	86175
1997	26525	71677	98202	26322	62388	88710
1998	26992	72840	99832	26815	63233	90048
1999	27473	73846	101319	27322	64094	91416
2000	27975	74621	102596	27843	65122	92965
2001	28492	74983	103475	28383	65910	94293
2002	29285	75217	104502	30163	64746	94909
2003	29845	74617	104462	30745	64839	95584
2004	30398	74784	105182	31326	65555	96881
2005	30958	76182	107140	31908	67325	99233
2006	31514	77801	109315	32491	68821	101312
Total	865028	2209459	3074487	862947	1853539	2716486

Table 78 Population of the Northern Territory, 1967, by sex, Indigenous status and five year age groups

Age group	Male			Female		
	NT Indigenous	NT non- Indigenous	Total	NT Indigenous	NT non- Indigenous	Total
0	2255	2217	4472	2289	2076	4365
5	1916	1696	3612	1866	1622	3488
10	1621	1163	2784	1572	1058	2630
15	1328	874	2202	1272	792	2064
20	1063	3031	4094	950	2399	3349
25	956	3348	4304	847	2173	3020
30	749	2560	3309	753	1429	2182
35	695	1708	2403	687	946	1633
40	593	1599	2192	592	772	1364
45	534	1144	1678	538	551	1089
50	395	822	1217	410	465	875
55	322	486	808	338	194	532
60	254	234	488	234	148	382
65	259	82	341	224	13	237
70	181	48	229	125	57	182
75	116	63	179	100	32	132
Total	13237	21075	34312	12797	14727	27524

Table 79 Population of the Northern Territory, 2006, by sex, Indigenous status and five year age groups

Age group	Male			Female		
	NT Indigenous	NT non- Indigenous	Total	NT Indigenous	NT non- Indigenous	Total
0	3982	5061	9043	3792	4854	8646
5	3874	4969	8843	3645	4574	8219
10	3673	4986	8659	3466	4650	8116
15	3374	4746	8120	3207	4205	7412
20	2994	5786	8780	3083	5199	8282
25	2546	6321	8867	2763	6099	8862
30	2478	6699	9177	2638	6272	8910
35	2223	6792	9015	2382	6184	8566
40	1854	6745	8599	1911	5879	7790
45	1491	6420	7911	1617	5760	7377
50	1104	5887	6991	1292	5162	6454
55	711	5401	6112	865	4098	4963
60	508	3527	4035	673	2466	3139
65	311	2178	2489	435	1433	1868
70	178	1086	1264	351	756	1107
75	213	1197	1410	371	1230	1601
Total	31514	77801	109315	32491	68821	101312

Table 80 2001 Australian estimated resident population

Age group	Person	Percent
0 – 4	1282357	6.6
5 – 10	1351664	7.0
10 – 14	1353177	7.0
15 – 19	1352745	7.0
20 – 24	1302412	6.7
25 – 29	1407081	7.2
30 – 34	1466615	7.6
35 – 39	1492204	7.7
40 – 44	1479257	7.6
45 – 49	1358594	7.0
50 – 54	1300777	6.7
55 – 59	1008799	5.2
60 – 64	822024	4.2
65 – 69	682513	3.5
70 – 74	638380	3.3
75 and over	1114641	5.7

Appendix 4 Statistical tables for specific causes of death

Infectious & parasitic diseases

Table 81 Infectious and parasitic diseases, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006

	Males								Females							
	Indigenous				Non-Indigenous				Indigenous				Non-Indigenous			
	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio
<i>Intestinal disease</i>																
1967-1970	69	85.1	(57.1 - 113)		6	3.6	(0.7 - 6.5)		77	132.4	(78.0 - 186.8)		5	14.9	(0.0 - 39.0)	
1971-1975	58	50.6	(27.2 - 74)		7	17.9	(0.0 - 47.7)		70	93.9	(57.8 - 130)		5	1.8	(0.2 - 3.3)	
1976-1980	31	43.0	(17.3 - 68.6)		4	1.3	(0.0 - 2.6)		25	56.2	(25.2 - 87.1)		3	1.4	(0.0 - 2.9)	
1981-1985	17	18.4	(4.3 - 32.5)	40.1	2	0.6	(0.0 - 1.5)	1.3	18	17.3	(6.9 - 27.6)	33.8	0	0.0	(0.0 - 0.0)	0.0
1986-1990	17	39.7	(14.9 - 64.5)	108.4	2	4.1	(0.0 - 11.5)	11.1	18	57.7	(26.9 - 88.5)	193.3	1	2.8	(0.0 - 8.3)	9.4
1991-1995	10	13.5	(1.9 - 25.2)	34.5	1	0.3	(0.0 - 0.7)	0.6	8	16.1	(3.9 - 28.3)	37.6	0	0.0	(0.0 - 0.0)	0.0
1996-2000	1	0.4	(0.0 - 1.1)	1.7	0	0.0	(0.0 - 0.0)	0.0	3	5.8	(0.0 - 13.8)	21.0	0	0.0	(0.0 - 0.0)	0.0
2001-2005	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0
2006	1	6.1	(0.0 - 18)	16.9	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0
<i>Tuberculosis</i>																
1967-1970	12	46.0	(19.7 - 72.4)		4	23.3	(0.0 - 48.6)		10	46.4	(11.9 - 80.8)		0	0.0	(0.0 - 0.0)	
1971-1975	19	63.8	(32.1 - 95.6)		3	17.0	(0.0 - 46.7)		6	26.5	(1.3 - 51.8)		0	0.0	(0.0 - 0.0)	
1976-1980	13	48.0	(19.0 - 76.9)		2	1.8	(0.0 - 4.4)		5	17.0	(0.3 - 33.7)		0	0.0	(0.0 - 0.0)	
1981-1985	11	35.1	(11.5 - 58.7)	26.4	5	6.0	(0.0 - 12.4)	4.6	10	30.4	(8.5 - 52.2)	60.3	0	0.0	(0.0 - 0.0)	0.0
1986-1990	15	46.7	(20.9 - 72.5)	45.8	1	0.5	(0.0 - 1.5)	0.5	7	14.1	(3.4 - 24.7)	31.5	0	0.0	(0.0 - 0.0)	0.0
1991-1995	4	7.0	(0.0 - 14.6)	8.5	3	4.2	(0.0 - 9.9)	5.1	3	11.0	(0.0 - 24.0)	31.1	0	0.0	(0.0 - 0.0)	0.0
1996-2000	5	6.8	(0.0 - 15.3)	13.1	1	0.3	(0.0 - 0.9)	0.6	7	16.6	(3.6 - 29.7)	66.3	0	0.0	(0.0 - 0.0)	0.0
2001-2005	3	3.0	(0.0 - 6.5)	7.6	1	0.4	(0.0 - 1.3)	1.1	7	9.6	(0.9 - 18.3)	40.3	0	0.0	(0.0 - 0.0)	0.0
2006	2	30.4	(0.0 - 83.6)	79.7	1	1.2	(0.0 - 3.6)	3.1	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0

	Males								Females							
	Indigenous				Non-Indigenous				Indigenous				Non-Indigenous			
	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio
Melioidosis																
1967-1970	0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)	
1971-1975	1	1.6	(0.0 - 4.8)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)	
1976-1980	0	0.0	(0.0 - 0.0)		1	0.3	(0.0 - 0.9)		1	1.9	(0.0 - 5.6)		0	0.0	(0.0 - 0.0)	
1981-1985	1	2.8	(0.0 - 8.3)	117.8	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0
1986-1990	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	1	2.1	(0.0 - 6.3)	599.2	0	0.0	(0.0 - 0.0)	0.0
1991-1995	3	5.0	(0.0 - 11.8)	144.5	6	4.0	(0.4 - 7.6)	114.4	3	3.5	(0.0 - 7.7)	385.7	1	0.2	(0.0 - 0.7)	25.8
1996-2000	4	10.5	(0.0 - 21.3)	182.0	5	2.0	(0.0 - 3.9)	34.0	1	1.7	(0.0 - 5.0)	78.4	4	2.3	(0.0 - 4.8)	108.9
2001-2005	3	1.7	(0.0 - 3.8)	56.0	1	0.2	(0.0 - 0.7)	7.6	2	2.3	(0.0 - 5.6)	237.8	0	0.0	(0.0 - 0.0)	0.0
2006	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0
Septicaemia																
1967-1970	4	6.7	(0.0 - 15.3)		0	0.0	(0.0 - 0.0)		4	7.2	(0.0 - 14.7)		1	0.7	(0.0 - 1.9)	
1971-1975	13	18.2	(6.4 - 30.1)		4	4.6	(0.0 - 10)		3	3.3	(0.0 - 8.1)		2	1.1	(0.0 - 2.8)	
1976-1980	7	7.1	(0.0 - 14.4)		4	2.5	(0.0 - 5.2)		3	2.1	(0.0 - 4.7)		1	2.8	(0.0 - 8.3)	
1981-1985	7	11.5	(2.3 - 20.6)	6.5	3	2.0	(0.0 - 4.7)	1.1	11	31.3	(8.1 - 54.5)	22.1	2	5.7	(0.0 - 16.4)	4.1
1986-1990	12	29.1	(8.0 - 50.1)	11.0	9	14.2	(1.2 - 27.2)	5.4	6	10.2	(1.4 - 18.9)	5.0	0	0.0	(0.0 - 0.0)	0.0
1991-1995	8	16.3	(2.2 - 30.3)	4.6	4	3.1	(0.0 - 6.4)	0.9	11	25.4	(7.3 - 43.6)	9.4	2	4.5	(0.0 - 10.7)	1.7
1996-2000	10	26.9	(7.1 - 46.7)	5.4	11	9.4	(2.5 - 16.3)	1.9	13	24.2	(9.0 - 39.3)	6.1	4	5.5	(0.1 - 11.0)	1.4
2001-2005	14	25.0	(7.4 - 42.6)	4.3	16	13.0	(6.0 - 19.9)	2.2	5	6.0	(0.1 - 11.9)	1.3	10	9.2	(3.2 - 15.1)	2.0
2006	0	0.0	(0.0 - 0.0)	0.0	1	3.0	(0.0 - 9.0)	0.5	2	18.7	(0.0 - 49.7)	3.7	2	3.0	(0.0 - 7.2)	0.6
All other infectious diseases																
1967-1970	19	41.3	(13.1 - 69.4)		4	20.6	(0.0 - 57.6)		7	17.2	(2.5 - 31.9)		1	0.6	(0.0 - 1.9)	
1971-1975	23	40.9	(17 - 64.8)		4	16.7	(0.0 - 46.4)		13	14.9	(4.0 - 25.8)		4	3.1	(0.0 - 7.4)	
1976-1980	16	29.1	(9.3 - 48.9)		2	1.1	(0.0 - 2.7)		17	24.8	(7.8 - 41.9)		1	2.1	(0.0 - 6.1)	
1981-1985	13	28.7	(9.4 - 47.9)	14.6	6	3.9	(0.0 - 8.5)	2.0	12	32.4	(9.7 - 55.2)	22.2	0	0.0	(0.0 - 0.0)	0.0
1986-1990	16	25.8	(7.0 - 44.7)	5.6	7	2.7	(0.5 - 4.9)	0.6	11	14.3	(4.4 - 24.2)	10.6	1	0.3	(0.0 - 0.8)	0.2
1991-1995	19	23.5	(10.8 - 36.3)	2.9	22	8.4	(4.2 - 12.5)	1.0	8	9.0	(1.7 - 16.3)	5.9	2	1.9	(0.0 - 4.6)	1.3
1996-2000	14	17.3	(4.7 - 29.9)	3.3	10	4.3	(0.5 - 8.1)	0.8	10	15.2	(3.3 - 27.0)	6.9	0	0.0	(0.0 - 0.0)	0.0
2001-2005	14	15.1	(4.1 - 26.2)	3.9	15	4.7	(1.7 - 7.6)	1.2	10	5.5	(1.9 - 9.1)	2.8	4	2.2	(0.0 - 4.7)	1.1
2006	4	16.0	(0.2 - 31.8)	4.2	3	3.8	(0.0 - 8.1)	1.0	1	4.3	(0.0 - 12.8)	2.3	0	0.0	(0.0 - 0.0)	0.0

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Neoplasms**Table 82 Neoplasms, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006**

	Males								Females							
	Indigenous				Non-Indigenous				Indigenous				Non-Indigenous			
	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio
<i>Cancer of trachea, bronchus & lung</i>																
1967-1970	8	37.6	(8.1 - 67.0)		24	123.9	(61.1 - 186.7)		7	26.3	(6.2 - 46.4)		0	0.0	(0.0 - 0.0)	
1971-1975	21	73.8	(39.4 - 108.3)		34	102.9	(46.5 - 159.2)		7	18.3	(4.7 - 31.9)		5	14.3	(1.1 - 27.5)	
1976-1980	16	51.3	(23.8 - 78.8)		54	123.4	(71.0 - 175.9)		8	21.7	(6.0 - 37.4)		6	10.7	(1.3 - 20.1)	
1981-1985	20	56.6	(31.0 - 82.1)	0.7	64	102.8	(67.0 - 138.6)	1.3	13	28.7	(12.9 - 44.5)	1.8	11	21.7	(6.3 - 37.0)	1.4
1986-1990	33	89.2	(57.4 - 121.1)	1.2	83	90.3	(64.1 - 116.5)	1.2	15	32.1	(15.5 - 48.7)	1.7	21	28.1	(14.1 - 42)	1.5
1991-1995	39	118.2	(77.5 - 158.9)	1.8	108	106.7	(80.0 - 133.3)	1.6	27	56.5	(33.6 - 79.4)	2.7	40	49.0	(31.3 - 66.7)	2.3
1996-2000	40	99.9	(65.6 - 134.1)	1.7	115	78.9	(61.8 - 96.1)	1.4	25	51.0	(29.4 - 72.6)	2.4	36	31.9	(20.4 - 43.3)	1.5
2001-2005	48	108.0	(73.8 - 142.2)	2.1	105	55.9	(43.2 - 68.7)	1.1	23	35.0	(19.7 - 50.3)	1.5	37	24.5	(15.7 - 33.3)	1.1
2006	11	120.7	(39.4 - 202.0)	2.5	21	45.2	(22.5 - 67.9)	1.0	5	42.4	(2.2 - 82.7)	1.8	13	40.4	(15.6 - 65.2)	1.8
<i>Cancer of oesophagus & stomach</i>																
1967-1970	2	14.9	(0.0 - 38.1)		7	47.3	(2.3 - 92.4)		1	4.3	(0.0 - 12.6)		1	14.6	(0.0 - 43.3)	
1971-1975	2	5.4	(0.0 - 12.9)		8	25.6	(0.0 - 57.0)		1	8.4	(0.0 - 25.0)		1	1.3	(0.0 - 3.8)	
1976-1980	3	12.4	(0.0 - 27.7)		17	50.0	(13.9 - 86.1)		1	1.5	(0.0 - 4.6)		1	1.2	(0.0 - 3.5)	
1981-1985	4	13.5	(0.0 - 27.2)	0.6	15	18.9	(4.9 - 32.8)	0.8	2	3.9	(0.0 - 9.4)	0.4	5	12.5	(0.0 - 26.0)	1.1
1986-1990	7	20.6	(4.0 - 37.1)	1.0	16	15.3	(4.0 - 26.5)	0.7	2	4.1	(0.0 - 9.8)	0.4	2	1.3	(0.0 - 3.2)	0.1
1991-1995	5	12.8	(0.9 - 24.7)	0.6	18	17.4	(6.0 - 28.9)	0.9	4	7.8	(0.1 - 15.6)	0.9	8	9.4	(2.6 - 16.2)	1.1
1996-2000	7	19.9	(3.5 - 36.4)	1.1	19	13.0	(6.0 - 20.1)	0.7	5	8.9	(1.1 - 16.6)	1.2	5	4.0	(0.0 - 8.2)	0.5
2001-2005	13	24.0	(9.8 - 38.3)	1.5	29	16.4	(9.3 - 23.4)	1.0	6	7.8	(1.4 - 14.1)	1.1	13	8.8	(3.5 - 14.1)	1.3
2006	3	37.7	(0.0 - 92.5)	2.5	7	12.1	(1.0 - 23.3)	0.8	0	0.0	(0.0 - 0.0)	0.0	3	11.1	(0.0 - 24.4)	1.7
<i>Cancer of liver & intrahepatic bile ducts</i>																
1967-1970	2	7.7	(0.0 - 18.5)		0	0.0	(0.0 - 0.0)		2	7.6	(0.0 - 19.7)		0	0.0	(0.0 - 0.0)	
1971-1975	6	23.8	(1.8 - 45.7)		3	4.0	(0.0 - 8.5)		2	12.1	(0.0 - 30.2)		2	21.2	(0.0 - 58.1)	
1976-1980	4	11.2	(0.0 - 23.1)		2	1.7	(0.0 - 4.0)		2	8.7	(0.0 - 22.5)		1	1.5	(0.0 - 4.4)	
1981-1985	8	19.6	(5.9 - 33.3)	5.3	7	14.7	(0.6 - 28.9)	3.9	2	5.5	(0.0 - 13.1)	3.8	1	1.1	(0.0 - 3.4)	0.8
1986-1990	12	40.5	(16.6 - 64.4)	10.4	3	3.0	(0.0 - 6.8)	0.8	4	9.9	(0.0 - 20)	6.5	2	2.9	(0.0 - 7.0)	1.9
1991-1995	14	44.9	(19.1 - 70.6)	9.4	10	6.1	(1.9 - 10.3)	1.3	4	13.9	(0.0 - 28.1)	7.6	2	3.3	(0.0 - 8.2)	1.8
1996-2000	14	41.0	(17.2 - 64.8)	7.5	7	6.2	(0.8 - 11.6)	1.1	3	8.4	(0.0 - 18.3)	3.9	3	2.4	(0.0 - 5.2)	1.1
2001-2005	17	35.7	(16.0 - 55.4)	5.8	12	6.5	(1.8 - 11.2)	1.1	10	19.3	(6.0 - 32.5)	7.2	4	4.2	(0.1 - 8.3)	1.6
2006	1	8.3	(0.0 - 24.7)	1.2	1	1.0	(0.0 - 2.8)	0.1	0	0.0	(0.0 - 0.0)	0.0	3	11.1	(0.0 - 24.4)	3.8

	Males								Females							
	Indigenous				Non-Indigenous				Indigenous				Non-Indigenous			
	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio
Cancer of colon and rectum																
1967-1970	1	3.7	(0.0 - 11.1)		7	26.8	(2.2 - 51.5)		2	16.9	(0.0 - 44.3)		6	57.6	(0.0 - 127.5)	
1971-1975	2	6.0	(0.0 - 14.4)		4	5.3	(0.0 - 10.7)		1	2.3	(0.0 - 6.9)		4	23.8	(0.0 - 60.9)	
1976-1980	5	18.2	(0.8 - 35.6)		11	31.4	(2.2 - 60.7)		5	21.5	(1.4 - 41.6)		6	9.9	(1.4 - 18.4)	
1981-1985	6	22.9	(1.7 - 44.1)	0.6	22	34.5	(14.3 - 54.6)	1.0	5	13.1	(0.0 - 27.2)	0.5	9	14.5	(4.0 - 25.0)	0.5
1986-1990	4	10.2	(0.0 - 20.4)	0.3	19	36.0	(15.6 - 56.3)	1.0	4	8.5	(0.1 - 16.9)	0.3	21	23.1	(11.7 - 34.6)	0.9
1991-1995	3	9.5	(0.0 - 21.8)	0.3	36	33.7	(18.4 - 49.0)	1.0	4	7.8	(0.0 - 16.0)	0.3	21	33.0	(17.3 - 48.7)	1.4
1996-2000	4	9.7	(0.0 - 20.1)	0.3	39	25.5	(15.6 - 35.5)	0.8	4	5.3	(0.0 - 10.7)	0.3	25	24.1	(13.7 - 34.6)	1.1
2001-2005	5	7.4	(0.4 - 14.4)	0.3	40	20.0	(12.4 - 27.6)	0.8	7	11.4	(1.9 - 20.9)	0.6	29	20.4	(12.1 - 28.6)	1.2
2006	4	27.8	(0.0 - 57.6)	1.3	12	25.7	(7.8 - 43.7)	1.2	1	6.3	(0.0 - 18.6)	0.5	4	12.8	(0.0 - 26.5)	0.9
Cancer of anus																
1967-1970	0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)	
1971-1975	0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)	
1976-1980	0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		1	2.1	(0.0 - 6.4)		0	0.0	(0.0 - 0.0)	
1981-1985	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0
1986-1990	1	2.4	(0.0 - 7.2)	11.3	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0
1991-1995	1	0.7	(0.0 - 2.0)	2.9	1	0.7	(0.0 - 2.1)	2.9	3	7.3	(0.0 - 17.0)	33.0	0	0.0	(0.0 - 0.0)	0.0
1996-2000	1	0.6	(0.0 - 1.7)	2.4	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0
2001-2005	2	1.4	(0.0 - 3.3)	4.6	1	0.3	(0.0 - 0.8)	1.0	0	0.0	(0.0 - 0.0)	0.0	1	1.0	(0.0 - 2.9)	3.7
2006	2	16.7	(0.0 - 39.7)	72.1	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0
Cancer of prostate																
1967-1970	0	0.0	(0.0 - 0.0)		3	24.6	(0.0 - 62.4)									
1971-1975	0	0.0	(0.0 - 0.0)		8	65.2	(11.0 - 119.3)									
1976-1980	2	11.4	(0.0 - 27.4)		7	49.4	(9.0 - 89.9)									
1981-1985	2	7.7	(0.0 - 18.5)	0.2	14	47.1	(17.2 - 77.1)	1.5								
1986-1990	3	14.8	(0.0 - 31.7)	0.4	17	29.2	(11.5 - 46.8)	0.8								
1991-1995	5	21.6	(1.5 - 41.7)	0.5	23	44.6	(24.3 - 64.8)	1.1								
1996-2000	2	7.9	(0.0 - 19.3)	0.2	27	27.4	(15.5 - 39.3)	0.8								
2001-2005	2	8.0	(0.0 - 19.9)	0.2	36	28.9	(18.3 - 39.4)	0.9								
2006	0	0.0	(0.0 - 0.0)	0.0	12	43.2	(16.7 - 69.7)	1.4								

	Males								Females							
	Indigenous				Non-Indigenous				Indigenous				Non-Indigenous			
	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio
<i>Cancer of cervix</i>																
1967-1970									3	10.7	(0.0 - 22.8)		3	6.8	(0.0 - 16.8)	
1971-1975									6	22.7	(1.5 - 43.8)		3	5.5	(0.0 - 11.7)	
1976-1980									8	25.8	(5.9 - 45.8)		3	5.5	(0.0 - 12.4)	*
1981-1985									14	42.0	(17.6 - 66.3)	8.2	5	10.6	(0.0 - 22.5)	2.1
1986-1990									16	30.0	(14.7 - 45.4)	6.6	4	4.2	(0.0 - 10)	0.9
1991-1995									21	42.5	(22.1 - 63)	11.0	10	8.5	(1.6 - 15.5)	2.2
1996-2000									11	21.0	(7.3 - 34.6)	7.6	9	5.2	(0.8 - 9.6)	1.9
2001-2005									4	7.2	(0.0 - 15.4)	3.4	5	1.4	(0.2 - 2.5)	0.7
2006									3	25.8	(0.0 - 59.4)	13.0	0	0.0	(0.0 - 0.0)	0.0
<i>Cancer of breast</i>																
1967-1970	0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		6	20.9	(4.1 - 37.7)		4	18.8	(0.0 - 37.6)	
1971-1975	0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		5	20.9	(0.0 - 41.7)		11	53.6	(0.7 - 106.4)	
1976-1980	0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		4	9.3	(0.2 - 18.4)		10	36.9	(2.6 - 71.2)	
1981-1985	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	7	19.9	(3.3 - 36.6)	0.7	18	31.1	(11.4 - 50.7)	1.0
1986-1990	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	7	18.3	(4.4 - 32.2)	0.6	25	27.8	(14.3 - 41.3)	0.9
1991-1995	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	6	14.1	(1.8 - 26.4)	0.5	34	23.3	(13.9 - 32.7)	0.8
1996-2000	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	19	35.7	(17.6 - 53.8)	1.3	47	29.2	(19.5 - 39.0)	1.1
2001-2005	0	0.0	(0.0 - 0.0)	0.0	1	1.2	(0.0 - 3.4)	6.0	18	24.9	(11.7 - 38.2)	1.0	37	17.4	(10.9 - 24.0)	0.7
2006	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	1	5.2	(0.0 - 15.3)	0.2	5	8.0	(0.7 - 15.4)	0.4
<i>All other cancers</i>																
1967-1970	31	140.4	(83.1 - 197.6)		22	121.1	(52.1 - 190.0)		23	112.9	(56.9 - 168.9)		7	71.1	(0.0 - 145.4)	
1971-1975	32	98.5	(58.7 - 138.3)		42	147.4	(71.5 - 223.4)		24	77.3	(43.4 - 111.1)		17	45.6	(6.4 - 84.9)	
1976-1980	27	86.9	(49.9 - 123.9)		58	119.0	(65.1 - 172.9)		22	75.2	(40.2 - 110.3)		34	98.2	(41.4 - 155.1)	
1981-1985	30	86.3	(50.2 - 122.3)	0.9	89	113.7	(76.8 - 150.6)	1.1	36	85.0	(54.8 - 115.3)	1.2	38	71.7	(40.1 - 103.3)	1.0
1986-1990	39	108.5	(71.0 - 145.9)	1.0	103	97.3	(70.2 - 124.3)	0.9	42	102.2	(66.7 - 137.6)	1.4	66	75.3	(52.5 - 98.1)	1.0
1991-1995	55	135.7	(94.2 - 177.1)	1.3	158	123.3	(97.3 - 149.4)	1.2	42	83.9	(55.5 - 112.4)	1.1	68	79.2	(57.3 - 101.2)	1.1
1996-2000	56	130.5	(90.1 - 170.9)	1.2	169	104.2	(84.2 - 124.1)	1.0	57	109.2	(77.6 - 140.9)	1.5	102	87.5	(68.0 - 107.1)	1.2
2001-2005	83	167.4	(123.5 - 211.4)	1.6	181	96.5	(79.6 - 113.5)	0.9	54	100.5	(69.1 - 131.8)	1.4	100	66.8	(52.0 - 81.6)	0.9
2006	12	81.1	(26.9 - 135.2)	0.8	60	138.4	(97.7 - 179.0)	1.3	13	93.2	(34.8 - 151.6)	1.3	27	92.0	(54.4 - 129.5)	1.3

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Endocrine, nutrition and metabolic disease**Table 83 Endocrine, nutrition and metabolic disease, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006**

	Males								Females							
	Indigenous				Non-Indigenous				Indigenous				Non-Indigenous			
	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio
Type 2 diabetes mellitus																
1967-1970	6	24.9	(0.0 - 49.9)	3.5	4	6.0	(0.0 - 13.5)	0.8	6	47.2	(4.6 - 89.8)	2.5	1	5.8	(17.2 - 1.9)	1.2
1971-1975	9	30.4	(8.8 - 52.0)		7	10.7	(2.5 - 18.9)		13	40.1	(15.2 - 65.1)		5	78.8	(152.1 - 12.2)	
1976-1980	5	13.6	(0.4 - 26.9)		9	54.6	(11.0 - 98.3)		15	51.2	(24.2 - 78.3)		4	40.4	(84.8 - 7.2)	
1981-1985	17	58.8	(27.7 - 89.9)		5	13.5	(0.0 - 30.3)		14	34.5	(16.0 - 52.9)		7	16.5	(30.9 - 3.8)	
1986-1990	30	76.6	(46.3 - 106.9)		14	12.4	(5.1 - 19.7)		43	107.8	(73.8 - 141.9)		11	12.4	(20.1 - 3.8)	
1991-1995	34	95.1	(59.4 - 130.8)	5.0	23	30.2	(14.7 - 45.7)	1.6	59	129.4	(94.2 - 164.7)	8.9	16	24.6	(38.0 - 15.7)	1.7
1996-2000	55	128.8	(90.3 - 167.3)	6.5	22	20.4	(10.1 - 30.8)	1.0	65	119.8	(88.1 - 151.6)	8.4	22	21.5	(31.5 – 6.0)	1.5
2001-2005	70	155.0	(112.3 - 197.6)	7.7	41	26.3	(17.0 - 35.7)	1.3	82	136.9	(104.2 - 169.7)	9.9	17	12.5	(18.9 - 18.6)	0.9
2006	15	148.8	(60.2 - 237.4)	7.9	9	22.0	(5.3 - 38.6)	1.2	16	138.7	(62.8 - 214.5)	9.5	5	23.3	(43.8 - 3.8)	1.6
Nutritional disease																
1967-1970	8	15.2	(1.5 – 29.0)	20.6	1	18.9	(0.0 - 55.8)	1.4	24	37.7	(16.8 - 58.6)	70.8	0	0.0	(0.0 - 0.0)	12.5
1971-1975	10	8.9	(1.5 - 16.2)		0	0.0	(0.0 - 0.0)		20	37.6	(10.5 - 64.8)		0	0.0	(0.0 - 0.0)	
1976-1980	7	25.3	(4.3 - 46.3)		0	0.0	(0.0 - 0.0)		14	36.7	(11.5 - 61.9)		0	0.0	(0.0 - 0.0)	
1981-1985	3	13.6	(0.0 - 31.9)		1	0.9	(0.0 - 2.7)		12	32.4	(11.4 - 53.4)		2	5.7	(0.0 - 16.4)	
1986-1990	4	9.7	(0.0 - 22.3)		2	1.6	(0.0 - 3.8)		7	15.6	(2.8 - 28.3)		1	2.8	(0.0 - 8.3)	
1991-1995	5	13.5	(0.0 - 29.2)	27.3	0	0.0	(0.0 - 0.0)	0.0	2	4.0	(0.0- 9.5)	10.0	1	2.2	(0.0 - 6.7)	5.5
1996-2000	4	6.7	(0.0 - 14.1)	11.8	3	4.2	(0.0 - 9.2)	7.4	6	17.8	(3.0 - 32.5)	32.3	1	1.5	(0.0 - 4.3)	2.7
2001-2005	3	3.8	(0.0 – 9.0)	6.3	4	3.7	(0.0 - 7.6)	6.2	4	10.7	(0.0 - 21.9)	19.4	2	1.3	(0.0 - 3.5)	2.4
2006	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	1	15.5	(0.0 - 45.8)	44.6	0	0.0	(0.0 - 0.0)	0.0
All other endocrine nutrition and metabolic disease																
1967-1970	3	5.3	(0.0 - 12.1)	3.8	1	0.6	(0.0 - 1.8)	0.8	2	3.8	(0.0 - 10.1)	5.0	1	0.6	(0.0 - 1.9)	0.5
1971-1975	4	6.2	(0.0 - 13.5)		1	0.3	(0.0 - 1)		4	10.4	(0.2 - 20.6)		2	4.4	(0.0 - 12.2)	
1976-1980	9	17.3	(4.7 - 29.9)		4	2.6	(0.0 - 5.6)		14	35.6	(13.5 - 57.8)		3	3.0	(0.0 - 7.2)	
1981-1985	8	12.2	(1.9 - 22.4)		2	2.7	(0.0 - 7.1)		6	16.0	(2.8 - 29.1)		2	1.5	(0.0 - 3.8)	
1986-1990	16	33.1	(13.2 - 53.1)		8.3	7	6.4		(0.0 - 14.1)	1.6	16		39.7	(16.0 - 63.5)	11.9	
1991-1995	8	17.6	(2.7 - 32.5)	3.9	13	14.3	(4.0 - 24.6)	3.2	13	22.5	(8.0 - 36.9)	5.8	4	7.8	(0.0 - 15.7)	2.0
1996-2000	10	19.1	(5.1 - 33.2)	3.4	12	6.5	(1.9 – 11.0)	1.1	8	13.6	(2.0 - 25.2)	2.7	6	3.0	(0.1 – 6.0)	0.6
2001-2005	5	11.4	(0.0 - 23.7)	1.8	14	7.7	(2.9 - 12.5)	1.2	8	12.5	(2.5 - 22.6)	2.2	16	12.0	(5.4 - 18.6)	2.1
2006	3	11.0	(0.0 - 24.0)	1.7	1	1.6	(0.0 - 4.8)	0.2	5	56.8	(2.5 - 111.1)	9.5	1	1.3	(0.0 - 3.8)	0.2

Mental and behavioural disorders**Table 84 Mental and behavioural disorders, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006**

	Males								Females							
	Indigenous				Non-Indigenous				Indigenous				Non-Indigenous			
	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio
Alcohol related disorders																
1967-1970	0	0.0	(0.0 - 0.0)		4	16.5	(0.0 - 37.7)		1	2.4	(0.0 - 7.2)		1	1.7	(0.0 - 5.0)	
1971-1975	6	12.4	(1.7 - 23.0)		13	15.0	(4.0 - 26.0)		2	4.6	(0.0 - 10.9)		0	0.0	(0.0 - 0.0)	
1976-1980	14	25.8	(11.4 - 40.3)		10	7.9	(23.0 - 13.4)		4	8.6	(0.0 - 17.4)		3	3.4	(0.0 - 7.9)	
1981-1985	14	23.5	(10.5 - 36.4)	9.8	14	16.1	(2.9 - 29.3)	6.7	7	12.8	(3.0 - 22.6)	21.3	1	1.1	(0.0 - 3.4)	1.8
1986-1990	30	51.3	(31.0 - 71.6)	17.7	16	7.9	(3.5 - 12.3)	2.7	5	10.0	(1.2 - 18.8)	16.7	2	2.2	(0.0 - 5.7)	3.7
1991-1995	22	28.6	(15.5 - 41.7)	10.6	11	5.0	(1.8 - 8.2)	1.9	11	15.6	(5.7 - 25.4)	26.0	3	3.7	(0.0 - 8.6)	6.2
1996-2000	20	23.5	(12.1 - 34.8)	10.2	17	8.1	(2.8 - 13.4)	3.5	5	5.3	(0.5 - 10.0)	10.6	1	0.4	(0.0 - 1.1)	0.8
2001-2005	20	33.7	(14.9 - 52.5)	16.9	3	0.7	(0.0 - 1.5)	0.4	11	9.9	(3.8 - 16.1)	19.8	1	0.2	(0.0 - 0.7)	0.4
2006	4	24.8	(0.0 - 51.7)	10.8	3	3.4	(0.0 - 7.1)	1.5	1	2.9	(0.0 - 8.5)	5.8	1	1.7	(0.0 - 5.1)	3.4
Other psychoactive substance disorders																
1967-1970	0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)	
1971-1975	0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)	
1976-1980	0	0.0	(0.0 - 0.0)		3	0.9	(0.0 - 2.1)		0	0.0	(0.0 - 0.0)		1	2.1	(0.0 - 6.1)	
1981-1985	0	0.0	(0.0 - 0.0)	0.0	2	0.3	(0.0 - 0.8)	0.8	0	0.0	(0.0 - 0.0)	0.0	1	0.3	(0.0 - 0.8)	1.5
1986-1990	1	0.6	(0.0 - 1.8)	0.2	4	0.9	(0.0 - 1.8)	0.5	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0
1991-1995	2	1.2	(0.0 - 2.8)	0.4	5	1.2	(0.1 - 2.2)	0.5	0	0.0	(0.0 - 0.0)	0.0	1	0.3	(0.0 - 0.8)	0.4
1996-2000	3	1.6	(0.0 - 3.5)	0.7	14	3.1	(1.5 - 4.8)	0.7	4	5.8	(0.0 - 11.8)	1.9	3	0.8	(0.0 - 1.6)	0.6
2001-2005	9	11.5	(0.0 - 23.2)	5.8	3	2.5	(0.0 - 5.8)	2.1	3	6.2	(0.0 - 14.5)	12.4	3	1.6	(0.0 - 3.8)	3.2
2006	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0
All other mental and behavioural disorders																
1967-1970	1	0.7	(0.0 - 2.1)		0	0.0	(0.0 - 0.0)		1	3.3	(0.0 - 9.7)		2	34.1	(0.0 - 98.6)	
1971-1975	1	4.2	(0.0 - 12.3)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)	
1976-1980	1	0.5	(0.0 - 1.4)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)	
1981-1985	4	17.4	(0.0 - 36.6)	0.5	3	10.4	(0.0 - 23.6)	1.2	6	19.4	(2.2 - 36.5)	2.3	0	0.0	(0.0 - 0.0)	0.0
1986-1990	3	17.7	(0.0 - 37.6)	0.3	1	3.8	(0.0 - 11.2)	0.4	5	17.1	(0.0 - 34.2)	1.5	4	11.2	(0.2 - 22.2)	1.0
1991-1995	3	4.9	(0.0 - 10.6)	0.3	2	3.3	(0.0 - 8.8)	0.3	6	23.4	(4.3 - 42.6)	1.6	7	12.8	(2.9 - 22.6)	0.9
1996-2000	3	9.7	(0.0 - 21.6)	0.3	6	7.4	(0.8 - 14.1)	0.7	5	15.7	(1.6 - 29.9)	1.1	8	11.7	(3.6 - 19.8)	0.8
2001-2005	12	61.9	(26.5 - 97.4)	1.1	13	14.3	(6.4 - 22.1)	1.3	20	59.6	(32.4 - 86.8)	3.9	21	21.1	(11.9 - 30.3)	1.4
2006	0	0.0	(0.0 - 0.0)	0.0	6	25.6	(4.4 - 46.8)	1.5	4	55.8	(0.4 - 111.2)	2.3	5	21.1	(2.2 - 40.0)	0.9

Diseases of the central nervous system and sense organs**Table 85 Diseases of the central nervous system and sense organs, five year periods, by sex and Indigenous status, NT 1967 to 2006**

	Males								Females							
	Indigenous				Non-Indigenous				Indigenous				Non-Indigenous			
	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio
<i>Meningitis</i>																
1967-1970	9	15.1	(2.3 - 28.0)		1	0.5	(0.0 - 1.4)		7	7.8	(0.4 - 15.2)		0	0.0	(0.0 - 0.0)	
1971-1975	11	21.3	(3.9 - 38.7)		2	1.3	(0.0 - 3.2)		6	6.7	(0.3 - 13.0)		1	0.8	(0.0 - 2.3)	
1976-1980	8	12.3	(0.0 - 26.8)		2	0.6	(0.0 - 1.5)		8	4.1	(1.2 - 7.0)		1	0.4	(0.0 - 1.1)	
1981-1985	5	8.9	(0.0 - 22.1)	15.3	5	2.1	(0.2 - 4.1)	3.6	10	8.0	(1.5 - 14.5)	17.7	0	0.0	(0.0 - 0.0)	0.0
1986-1990	7	7.3	(0.8 - 13.8)	16.5	2	4.1	(0.0 - 11.5)	9.3	4	4.7	(0.0 - 10.1)	10.5	1	0.3	(0.0 - 1.0)	0.7
1991-1995	6	3.0	(0.3 - 5.7)	8.0	1	0.3	(0.0 - 0.7)	0.8	1	0.7	(0.0 - 1.9)	2.5	0	0.0	(0.0 - 0.0)	0.0
1996-2000	6	9.6	(0.9 - 18.3)	47.0	0	0.0	(0.0 - 0.0)	0.0	4	1.6	(0.0 - 3.1)	6.9	0	0.0	(0.0 - 0.0)	0.0
2001-2005	5	8.5	(0.0 - 19.8)	50.9	0	0.0	(0.0 - 0.0)	0.0	3	1.8	(0.0 - 3.9)	10.1	0	0.0	(0.0 - 0.0)	0.0
2006	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	1	6.0	(0.0 - 17.8)	41.5	0	0.0	(0.0 - 0.0)	0.0
<i>Epilepsy</i>																
1967-1970	3	8.8	(0.0 - 19.7)		0	0.0	(0.0 - 0.0)		1	6.0	(0.0 - 17.7)		0	0.0	(0.0 - 0.0)	
1971-1975	4	8.4	(0.0 - 17.1)		6	4.3	(0.8 - 7.8)		3	11.5	(0.0 - 28.7)		3	2.0	(0.0 - 4.4)	
1976-1980	13	22.8	(8.8 - 36.8)		3	1.6	(0.0 - 3.4)		4	3.3	(0.0 - 6.9)		1	0.3	(0.0 - 0.9)	
1981-1985	5	5.9	(0.0 - 11.9)	3.3	5	2.1	(0.1 - 4.1)	1.2	5	9.0	(0.3 - 17.7)	9.5	1	0.3	(0.0 - 0.8)	0.3
1986-1990	11	14.6	(5.2 - 24.0)	9.3	4	4.8	(0.0 - 12.3)	3.1	2	2.4	(0.0 - 6.0)	2.6	1	0.3	(0.0 - 1.0)	0.3
1991-1995	8	10.6	(2.4 - 18.8)	7.1	5	1.4	(0.1 - 2.6)	0.9	5	10.3	(0.0 - 21)	10.5	2	1.1	(0.0 - 2.7)	1.1
1996-2000	7	8.2	(1.6 - 14.7)	4.9	5	1.2	(0.1 - 2.2)	0.7	4	2.6	(0.0 - 5.2)	2.5	4	1.4	(0.0 - 3.0)	1.4
2001-2005	7	5.3	(1.0 - 9.6)	3.1	2	0.5	(0.0 - 1.1)	0.3	2	1.4	(0.0 - 3.4)	1.3	0	0.0	(0.0 - 0.0)	0.0
2006	3	18.5	(0.0 - 42.8)	10.9	1	1.1	(0.0 - 3.3)	0.6	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0
<i>All other nervous system diseases</i>																
1967-1970	9	30.2	(3.3 - 57.1)		1	18.9	(0.0 - 55.8)		3	2.7	(0.0 - 5.8)		1	0.6	(0.0 - 1.9)	
1971-1975	10	13.6	(2.9 - 24.3)		7	20.1	(0.0 - 50.1)		5	4.2	(0.0 - 8.5)		2	1.2	(0.0 - 3.0)	
1976-1980	7	8.2	(0.0 - 17.6)		2	1.2	(0.0 - 3.1)		5	4.8	(0.0 - 10.3)		3	1.9	(0.0 - 4.4)	
1981-1985	7	22.4	(3.9 - 41.0)	1.7	4	1.8	(0.0 - 3.9)	0.1	4	1.9	(0.0 - 3.8)	0.2	6	12.1	(0.0 - 27.2)	1.4
1986-1990	12	18.7	(3.7 - 33.6)	1.1	8	8.9	(0.3 - 17.5)	0.5	11	13.6	(3.3 - 23.9)	1.1	3	4.8	(0.0 - 11.3)	0.4
1991-1995	14	40.1	(13.9 - 66.2)	2.2	10	11.1	(1.5 - 20.6)	0.6	3	2.0	(0.0 - 4.4)	0.1	14	19.6	(7.7 - 31.5)	1.3
1996-2000	16	28.6	(10.4 - 46.8)	1.4	25	27.3	(14.9 - 39.6)	1.3	10	11.1	(2.7 - 19.5)	0.6	15	16.9	(7.7 - 26.0)	0.9
2001-2005	24	41.3	(18.7 - 63.9)	2.0	22	16.3	(8.6 - 24.0)	0.8	16	20.0	(7.6 - 32.4)	1.0	19	14.7	(7.4 - 22.0)	0.7
2006	6	43.5	(0.0 - 98.7)	2.1	3	6.8	(0.0 - 16.7)	0.3	0	0.0	(0.0 - 0.0)	0.0	5	17.4	(0.9 - 34.0)	0.8

Diseases of the circulatory system**Table 86 Diseases of the circulatory system, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006**

	Males						Females					
	Indigenous			Non-Indigenous			Indigenous			Non-Indigenous		
	No.	Rate (95%CI)	Ratio	No.	Rate (95%CI)	Ratio	No.	Rate (95%CI)	Ratio	No.	Rate (95%CI)	Ratio
Ischaemic heart disease (IHD)												
1967-1970	34	155.1 (95.8 - 214.4)		77	293.3 (198.0 - 388.7)		19	100.6 (45.7 - 155.4)		14	211.6 (72.4 - 350.8)	
1971-1975	63	200.2 (146.5 - 254)		131	405.9 (286.4 - 525.4)		16	59.1 (26.6 - 91.6)		33	217.5 (113.2 - 321.8)	
1976-1980	72	236.8 (176.3 - 297.3)		148	279.2 (204.8 - 353.6)		27	85.0 (49.4 - 120.6)		27	115.8 (51.0 - 180.6)	
1981-1985	90	253.4 (195.0 - 311.8)	0.7	143	257.1 (196.1 - 318.0)	0.7	31	96.4 (57.6 - 135.1)	0.5	55	177.9 (123.6 - 232.3)	0.9
1986-1990	124	325.0 (259.7 - 390.4)	1.0	199	243.8 (197.2 - 290.4)	0.8	76	219.5 (164.9 - 274.2)	1.2	63	121.8 (88.9 - 154.7)	0.7
1991-1995	136	309.9 (250.5 - 369.3)	1.2	201	241.2 (198.3 - 284.0)	0.9	72	163.4 (122.8 - 203.9)	1.1	56	93.6 (67.5 - 119.7)	0.6
1996-2000	182	386.6 (320.6 - 452.7)	1.9	210	157.9 (131.9 - 184.0)	0.8	96	196.5 (153.0 - 239.9)	1.6	78	94.9 (73.0 - 116.8)	0.8
2001-2005	195	318.0 (262.0 - 374.1)	2.1	233	126.2 (106.5 - 145.8)	0.8	98	157.0 (121.2 - 192.8)	1.6	102	93.2 (74.4 - 111.9)	0.9
2006	35	251.9 (150.0 - 353.8)	2.0	43	114.4 (75.3 - 153.5)	0.9	14	91.5 (38.5 - 144.5)	1.1	24	99.7 (58.7 - 140.8)	1.2
Cerebrovascular disease (stroke)												
1967-1970	34	120.7 (75.8 - 120.0)		29	232.7 (56.5 - 345.4)		25	107.5 (56.5 - 158.5)		10	102.8 (6.8 - 198.8)	
1971-1975	57	212.9 (152.9 - 133.2)		53	233.8 (48.4 - 334.5)		26	82.4 (48.4 - 116.5)		19	158.0 (60.0 - 256.1)	
1976-1980	51	207.8 (145.5 - 60.0)		45	111.9 (72.4 - 163.8)		33	116.4 (72.4 - 160.3)		25	176.4 (85.0 - 267.8)	
1981-1985	45	182.3 (124.0 - 35.7)	1.5	32	69.0 (71.0 - 102.3)	0.6	33	115.1 (71.0 - 159.1)	0.9	21	65.6 (32.8 - 98.3)	0.5
1986-1990	52	175.0 (122.7 - 19.1)	1.9	28	38.6 (71.8 - 58.1)	0.4	38	110.1 (71.8 - 148.4)	1.1	18	34.9 (17.4 - 52.4)	0.4
1991-1995	51	157.6 (109.4 - 49.2)	1.9	42	75.6 (70.8 - 102)	0.9	38	108.4 (70.8 - 146.0)	1.3	38	64.3 (42.3 - 86.2)	0.8
1996-2000	60	172.9 (122.5 - 38.3)	2.5	63	54.5 (87.8 - 70.8)	0.8	54	124.2 (87.8 - 160.7)	1.7	54	61.6 (44.0 - 79.1)	0.9
2001-2005	37	88.7 (52.4 - 25.9)	1.6	54	37.5 (50.7 - 49.1)	0.7	37	80.4 (50.7 - 110.0)	1.3	49	44.9 (31.8 - 58)	0.7
2006	10	133.9 (33.7 - 12.3)	2.8	12	34.3 (35.5 - 56.4)	0.7	12	99.1 (35.5 - 162.7)	1.8	8	34.0 (9.7 - 58.2)	0.6
Hypertension (HTN)												
1967-1970	5	16.3 (1.5 - 31.0)		3	7.6 (0.0 - 18.9)		8	26.5 (8.0 - 45.1)		0	0.0 (0.0 - 0.0)	
1971-1975	15	44.6 (21.6 - 67.7)		8	11.0 (0.9 - 21.0)		1	1.8 (0.0 - 5.3)		1	2.1 (0.0 - 6.1)	
1976-1980	19	62.5 (31.7 - 93.2)		8	11.8 (0.5 - 23.1)		8	27.5 (7.4 - 47.7)		4	21.8 (0.0 - 52.8)	
1981-1985	14	50.2 (21.4 - 78.9)	5.0	6	9.6 (0.0 - 21.8)	0.9	13	33.3 (14.6 - 52.0)	3.2	1	5.4 (0.0 - 16.1)	0.5
1986-1990	11	29.7 (10.1 - 49.4)	3.8	4	9.1 (0.0 - 19.8)	1.2	10	29.3 (9.4 - 49.2)	3.4	4	7.3 (0.0 - 15.5)	0.8
1991-1995	17	50.3 (22.8 - 77.8)	7.7	5	5.4 (0.0 - 11.6)	0.8	19	48.7 (24.8 - 72.7)	6.4	3	5.3 (0.0 - 11.4)	0.7
1996-2000	8	17.7 (3.7 - 31.7)	2.9	9	8.4 (2.0 - 14.8)	1.4	19	41.1 (21.5 - 60.8)	5.8	5	5.4 (0.2 - 10.5)	0.8
2001-2005	13	25.7 (9.4 - 42)	4.6	10	6.3 (1.6 - 11.1)	1.1	20	42.4 (21.4 - 63.3)	5.9	6	5.7 (1.1 - 10.3)	0.8
2006	2	19.6 (0.0 - 47.1)	3.5	2	7.8 (0.0 - 18.9)	1.4	6	44.5 (3.9 - 85.1)	5.9	2	9.3 (0.0 - 22.3)	1.2

		Males						Females					
		Indigenous		Non-Indigenous				Indigenous		Non-Indigenous			
	No.	Rate (95%CI)	Ratio	No.	Rate (95%CI)	Ratio		No.	Rate (95%CI)	Ratio	No.	Rate (95%CI)	Ratio
Rheumatic heart disease													
1967-1970	6	17.3 (2.3 - 32.2)		4	5.3 (0.0 - 10.9)			8	18.6 (5.1 - 32.1)		0	0.0 (0.0 - 0.0)	
1971-1975	11	27.3 (7.9 - 46.8)		4	6.1 (0.0 - 12.4)			4	13.1 (0.0 - 30.5)		4	21.7 (0.0 - 58.5)	
1976-1980	13	23.8 (9.3 - 38.4)		3	1.0 (0.0 - 2.1)			20	42.0 (18.2 - 65.8)		4	18.9 (0.0 - 49.2)	
1981-1985	15	16.1 (6.5 - 25.7)	6.1	2	3.5 (0.0 - 8.5)	1.3		29	46.8 (26.1 - 67.4)	12.3	3	12.6 (0.0 - 28.1)	3.3
1986-1990	24	33.0 (16.6 - 49.4)	14.7	4	2.1 (0.0 - 4.5)	0.9		28	39.5 (23.7 - 55.4)	11.9	0	0.0 (0.0 - 0.0)	0.0
1991-1995	15	14.5 (5.5 - 23.5)	8.2	5	3.0 (0.3 - 5.7)	1.7		19	24.3 (12.7 - 36.0)	8.7	2	1.9 (0.0 - 4.6)	0.7
1996-2000	19	22.1 (9.3 - 34.9)	17.8	0	0.0 (0.0 - 0.0)	0.0		25	27.1 (15.4 - 38.9)	14.7	2	2.9 (0.0 - 7.0)	1.6
2001-2005	17	13.1 (6.2 - 20.0)	13.2	1	0.2 (0.0 - 0.7)	0.2		33	38.5 (22.6 - 54.3)	24.4	3	2.0 (0.0 - 4.6)	1.3
2006	4	11.1 (0.0 - 22.5)	12.0	0	0.0 (0.0 - 0.0)	0.0		3	13.1 (0.0 - 30.4)	8.2	1	4.7 (0.0 - 13.8)	2.9
Heart failure													
1967-1970	35	138.7 (90.2 - 187.2)		10	93.0 (16.6 - 169.4)			15	79.1 (35.1 - 123)		2	37.9 (0.0 - 103.1)	
1971-1975	49	184.3 (127.2 - 241.5)		11	30.8 (0.0 - 62.6)			42	138.4 (92.7 - 184.1)		4	40.0 (0.0 - 91.8)	
1976-1980	50	178.8 (124.0 - 233.7)		11	20.1 (0.0 - 40.8)			39	146.7 (94.1 - 199.4)		5	7.1 (0.7 - 13.6)	
1981-1985	25	96.7 (54.1 - 139.2)	3.8	16	49.6 (19.3 - 79.9)	1.9		18	73.4 (36.8 - 109.9)	3.0	11	36.7 (12.2 - 61.2)	1.5
1986-1990	21	81.7 (44.8 - 118.7)	3.8	11	36.2 (13.8 - 58.5)	1.7		18	59.6 (28.1 - 91.2)	2.6	13	30.0 (12.8 - 47.2)	1.3
1991-1995	15	59.9 (27.3 - 92.6)	3.3	21	43.5 (23.1 - 64.0)	2.4		22	70.1 (38.5 - 101.6)	3.5	19	40.8 (22.1 - 59.4)	2.1
1996-2000	12	46.8 (18.5 - 75.0)	3.1	10	12.8 (4.0 - 21.6)	0.8		13	40.9 (18.0 - 63.7)	2.5	9	13.2 (4.6 - 21.7)	0.8
2001-2005	11	45.6 (16.1 - 75.0)	4.1	10	7.8 (2.4 - 13.2)	0.7		8	21.3 (5.2 - 37.5)	1.7	9	9.3 (3.2 - 15.3)	0.7
2006	1	27.0 (0.0 - 79.7)	2.8	2	9.6 (0.0 - 22.9)	1.0		3	35.3 (0.0 - 78.9)	3.0	1	4.7 (0.0 - 13.8)	0.4
All other circulatory diseases													
1967-1970	26	117.7 (66.0 - 169.3)		18	107.1 (40.4 - 173.7)			17	87.3 (38.1 - 136.5)		7	50.1 (0.0 - 116.7)	
1971-1975	36	106.1 (66.0 - 146.2)		25	125.7 (47.0 - 204.5)			25	78.1 (41.1 - 115.2)		13	119.7 (34.8 - 204.7)	
1976-1980	50	152.5 (104.7 - 200.3)		33	66.4 (28.4 - 104.5)			34	103.6 (63.1 - 144.2)		8	73.1 (11.8 - 134.4)	
1981-1985	55	131.6 (90.7 - 172.5)	1.9	33	60.8 (28.5 - 93.0)	0.9		35	118.6 (72.7 - 164.4)	2.2	24	69.3 (34.4 - 104.2)	1.3
1986-1990	38	95.1 (58.8 - 131.3)	1.6	43	48.9 (28.2 - 69.7)	0.8		31	81.1 (46.6 - 115.7)	1.9	26	44.6 (24.6 - 64.5)	1.0
1991-1995	45	96.2 (60.9 - 131.5)	1.7	69	88.8 (62.3 - 115.3)	1.6		33	47.6 (28.9 - 66.3)	1.2	31	52.9 (32.8 - 73.0)	1.4
1996-2000	55	113.7 (76.6 - 150.7)	2.4	63	56.5 (39.7 - 73.3)	1.2		39	70.5 (44.6 - 96.4)	2.0	30	29.3 (17.3 - 41.3)	0.8
2001-2005	59	95.1 (63.2 - 127.0)	2.4	69	48.7 (35.4 - 62.0)	1.2		42	62.6 (39.2 - 85.9)	2.0	38	32.7 (21.6 - 43.7)	1.1
2006	13	109.0 (26.4 - 191.5)	3.0	17	33.2 (14.4 - 51.9)	0.9		3	26.7 (0.0 - 60.7)	0.9	5	17.5 (1.3 - 33.8)	0.6

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Diseases of the respiratory system**Table 87 Diseases of the respiratory system, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006**

	Males								Females							
	Indigenous				Non-Indigenous				Indigenous				Non-Indigenous			
	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio
Chronic obstructive pulmonary disease																
1967-1970	17	84.0	(37.0 - 131.0)		10	94.8	(24.1 - 165.5)		5	13.2	(0.0 - 27.6)		1	3.1	(0.0 - 9.1)	
1971-1975	39	134.3	(88.2 - 180.4)		37	228.9	(127.9 - 330.0)		30	104.7	(61.1 - 148.2)		6	35.7	(0.0 - 76.7)	
1976-1980	41	171.3	(114.4 - 228.2)		31	141.4	(75.3 - 207.5)		36	121.3	(77.3 - 165.3)		12	55.3	(9.5 - 101.1)	
1981-1985	80	265.0	(201.0 - 329.0)	3.4	41	113.7	(68.3 - 159.0)	1.5	61	176.6	(127.1 - 226.1)	10.2	7	18.9	(2.1 - 35.8)	1.1
1986-1990	83	297.1	(228.3 - 365.9)	4.3	61	127.3	(88.7 - 165.9)	1.8	66	183.9	(135.4 - 232.4)	9.0	14	23.2	(10.1 - 36.3)	1.1
1991-1995	68	195.7	(144.1 - 247.4)	3.3	71	96.8	(69.1 - 124.5)	1.6	72	175.7	(131.4 - 220.0)	8.1	25	41.8	(24.5 - 59.2)	1.9
1996-2000	62	168.0	(119.7 - 216.3)	3.5	72	74.7	(55.5 - 94.0)	1.6	59	142.7	(103.8 - 181.6)	6.4	34	33.2	(21.1 - 45.2)	1.5
2001-2005	71	174.3	(125.5 - 223.0)	4.8	88	64.6	(49.5 - 79.6)	1.8	45	85.4	(57.4 - 113.3)	4.2	31	27.6	(17.4 - 37.9)	1.4
2006	22	238.3	(117.4 - 359.1)	8.0	20	49.2	(23.6 - 74.9)	1.7	13	146.3	(61.0 - 231.7)	8.1	9	35.0	(11.4 - 58.7)	1.9
Asthma																
1967-1970	2	7.7	(0.0 - 18.5)		1	1.0	(0.0 - 3.0)		1	2.8	(0.0 - 8.2)		0	0.0	(0.0 - 0.0)	
1971-1975	2	3.4	(0.0 - 8.6)		2	2.6	(0.0 - 7.3)		1	2.5	(0.0 - 7.4)		1	0.4	(0.0 - 1.0)	
1976-1980	3	7.6	(0.0 - 16.5)		6	5.2	(0.4 - 10.0)		5	16.2	(0.0 - 32.4)		1	0.4	(0.0 - 1.0)	
1981-1985	6	12.1	(0.7 - 23.5)	2.2	3	6.7	(0.0 - 18.5)	1.2	10	19.6	(4.5 - 32.7)	4.1	7	6.0	(6.5 - 11.3)	1.3
1986-1990	3	8.1	(0.0 - 17.2)	1.3	13	6.6	(2.3 - 11.0)	1.1	4	4.4	(5.5 - 9.3)	0.8	9	11.7	(0.0 - 21.2)	2.0
1991-1995	4	5.5	(0.0 - 11.4)	1.2	15	11.9	(3.3 - 20.6)	2.6	13	20.2	(4.9 - 31.8)	4.0	8	8.3	(8.6 - 15.5)	1.6
1996-2000	2	3.6	(0.0 - 8.6)	1.4	3	0.7	(0.0 - 1.6)	0.3	4	4.4	(3.0 - 8.9)	1.4	4	3.4	(0.0 - 7.3)	1.1
2001-2005	1	0.9	(0.0 - 2.7)	0.6	3	1.8	(0.0 - 4.2)	1.3	3	3.6	(1.8 - 7.9)	1.8	1	0.3	(0.0 - 0.9)	0.2
2006	1	18.5	(0.0 - 54.6)	13.1	0	0.0	(0.0 - 0.0)	0.0	1	5.2	(1.9 - 15.3)	2.4	1	4.7	(0.0 - 13.8)	2.2
Pneumonia & influenza																
1967-1970	101	270.9	(204.0 - 337.9)		22	93.8	(30.9 - 156.8)		88	254.8	(175.2 - 334.4)		14	271.6	(92.8 - 450.5)	
1971-1975	120	277.3	(213.3 - 341.2)		25	84.1	(23.4 - 144.9)		91	214.7	(153.9 - 275.6)		11	64.4	(0.9 - 128)	
1976-1980	126	338.1	(265.7 - 410.5)		20	61.5	(17.6 - 105.4)		88	235.6	(171.4 - 299.8)		7	50.6	(0.0 - 102.6)	
1981-1985	63	187.5	(130.5 - 244.5)	8.7	16	18.6	(1.5 - 35.6)	0.9	47	142.5	(91.6 - 193.4)	8.9	5	16.8	(0.0 - 35.3)	1.0
1986-1990	76	159.7	(115.2 - 204.2)	10.1	25	48.1	(24.0 - 72.2)	3.1	47	128.1	(83.8 - 172.4)	10.2	8	13.0	(1.8 - 24.2)	1.0
1991-1995	71	159.5	(112.7 - 206.4)	11.5	20	23.6	(9.8 - 37.4)	1.7	55	115.0	(79.0 - 151.1)	10.8	11	18.0	(6.4 - 29.7)	1.7
1996-2000	36	62.1	(36.4 - 87.9)	4.7	11	9.1	(2.2 - 16.1)	0.7	27	50.1	(27.5 - 72.8)	4.1	12	12.4	(4.5 - 20.4)	1.0
2001-2005	31	56.0	(28.4 - 83.6)	3.4	24	16.4	(9.0 - 23.9)	1.0	24	25.5	(12.6 - 38.3)	1.7	9	8.0	(2.4 - 13.6)	0.5
2006	4	28.1	(0.0 - 57.4)	2.1	2	2.4	(0.0 - 5.7)	0.2	3	23.7	(0.0 - 56.4)	2.0	1	1.3	(0.0 - 3.8)	0.1

	Males						Females					
	Indigenous			Non-Indigenous			Indigenous			Non-Indigenous		
	No.	Rate (95%CI)	Ratio	No.	Rate (95%CI)	Ratio	No.	Rate (95%CI)	Ratio	No.	Rate (95%CI)	Ratio
Acute upper respiratory tract infection (URTI)												
1967-1970	7	8.2 (0.0 - 16.8)		0	0.0 (0.0 - 0.0)		9	30.6 (0.0 - 61.7)		4	14.5 (0.0 - 38.6)	
1971-1975	4	2.0 (0.0 - 3.9)		0	0.0 (0.0 - 0.0)		10	6.8 (1.7 - 11.9)		2	0.7 (0.0 - 1.7)	
1976-1980	3	10.0 (0.0 - 24.4)		2	10.9 (0.0 - 30.4)		4	8.3 (0.0 - 21.7)		0	0.0 (0.0 - 0.0)	
1981-1985	1	0.5 (0.0 - 1.3)	0.7	0	0.0 (0.0 - 0.0)	0.0	4	3.0 (0.0 - 6.6)	5.5	0	0.0 (0.0 - 0.0)	0.0
1986-1990	1	4.4 (0.0 - 13.2)	10.5	1	0.3 (0.0 - 0.8)	0.7	1	0.4 (0.0 - 1.3)	1.0	0	0.0 (0.0 - 0.0)	0.0
1991-1995	0	0.0 (0.0 - 0.0)	0.0	0	0.0 (0.0 - 0.0)	0.0	0	0.0 (0.0 - 0.0)	0.0	1	2.2 (0.0 - 6.7)	7.5
1996-2000	1	1.3 (0.0 - 3.9)	9.5	0	0.0 (0.0 - 0.0)	0.0	1	1.7 (0.0 - 5.1)	9.8	0	0.0 (0.0 - 0.0)	0.0
2001-2005	1	0.3 (0.0 - 1.0)	4.4	0	0.0 (0.0 - 0.0)	0.0	0	0.0 (0.0 - 0.0)	0.0	0	0.0 (0.0 - 0.0)	0.0
2006	0	0.0 (0.0 - 0.0)	0.0	0	0.0 (0.0 - 0.0)	0.0	0	0.0 (0.0 - 0.0)	0.0	0	0.0 (0.0 - 0.0)	0.0
All other respiratory diseases												
1967-1970	29	114.5 (60.6 - 168.3)		6	42.3 (0.0 - 87)		23	66.9 (23.7 - 110.1)		0	0.0 (0.0 - 0.0)	
1971-1975	36	100.2 (61.6 - 138.8)		4	17.8 (0.0 - 47.7)		41	129.7 (76.3 - 183)		2	19.1 (0.0 - 55.7)	
1976-1980	40	119.0 (73.8 - 164.2)		8	29.0 (0.0 - 58)		41	131.2 (83.5 - 178.8)		4	20.9 (0.0 - 52.3)	
1981-1985	24	56.8 (29.7 - 83.8)	6.1	6	16.0 (0.0 - 33.3)	1.7	16	45.2 (19.4 - 71.1)	9.4	2	6.6 (0.0 - 17.4)	1.4
1986-1990	28	81.5 (46.1 - 116.8)	8.4	14	26.5 (9.1 - 43.9)	2.7	27	79.6 (45.0 - 114.2)	15.6	7	15.8 (3.3 - 28.4)	3.1
1991-1995	21	55.3 (26.3 - 84.4)	5.0	5	6.1 (0.0 - 12.7)	0.6	11	20.6 (6.1 - 35.0)	3.4	9	14.2 (4.1 - 24.3)	2.3
1996-2000	17	45.1 (20.1 - 70.0)	3.7	15	15.8 (6.5 - 25)	1.3	10	21.0 (5.9 - 36.0)	3.0	6	7.0 (1.3 - 12.8)	1.0
2001-2005	15	24.5 (8.6 - 40.3)	1.7	24	17.0 (9.2 - 24.8)	1.2	13	22.1 (8.6 - 35.6)	2.6	6	5.4 (0.9 - 10.0)	0.6
2006	4	27.6 (0.1 - 55.2)	1.6	4	11.7 (0.0 - 25.3)	0.7	1	15.5 (0.0 - 45.8)	1.6	3	13.7 (0.0 - 29.2)	1.4

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Diseases of the digestive system**Table 88 Diseases of the digestive system, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006**

	Males								Females							
	Indigenous				Non-Indigenous				Indigenous				Non-Indigenous			
	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	R
Chronic liver disease																
1967-1970	2	5.0	(0.0 - 12.7)		13	59.6	(11.0 - 108.2)		3	8.3	(0.0 - 17.9)		4	20.0	(0.0 - 49.5)	
1971-1975	4	10.0	(0.1 - 19.8)		14	12.6	(5.8 - 19.4)		7	27.2	(4.3 - 50.0)		7	10.5	(2.2 - 18.7)	
1976-1980	5	9.6	(0.9 - 18.3)		21	37.5	(8.2 - 66.9)		8	16.6	(4.1 - 29.1)		4	8.0	(0.0 - 16.8)	
1981-1985	12	19.4	(7.7 - 31.2)	1.4	29	26.5	(11.8 - 41.2)	1.9	11	18.7	(6.9 - 30.6)	3.9	9	6.5	(1.8 - 11.3)	1.
1986-1990	17	28.6	(14.2 - 43.1)	2.4	33	20.7	(10.8 - 30.6)	1.7	15	23.1	(10.8 - 35.4)	5.7	11	9.8	(2.6 - 17.1)	2.
1991-1995	18	33.8	(14.9 - 52.8)	3.4	30	17.7	(9.5 - 26.0)	1.8	15	18.4	(8.4 - 28.5)	5.4	7	4.8	(0.9 - 8.6)	1.
1996-2000	33	40.2	(24.0 - 56.5)	4.4	35	16.9	(9.2 - 24.6)	1.9	21	27.2	(14.6 - 39.7)	8.0	9	4.1	(0.6 - 7.6)	1.
2001-2005	53	52.6	(37.3 - 67.9)	6.2	28	9.1	(4.9 - 13.3)	1.1	40	38.1	(24.8 - 51.5)	11.9	9	3.7	(0.9 - 6.4)	1.
2006	11	58.2	(19.1 - 97.2)	7.4	9	16.0	(3.3 - 28.7)	2.0	4	22.1	(0.0 - 45.9)	7.2	3	3.8	(0.0 - 8.1)	1.
Oesophageal, stomach and duodenal disease (upper GI)																
1967-1970	0	0.0	(0.0 - 0.0)		4	4.8	(0.0 - 9.6)		0	0.0	(0.0 - 0.0)		2	5.1	(0.0 - 12.1)	
1971-1975	3	9.8	(0.0 - 21.1)		8	44.7	(0.8 - 88.7)		1	2.7	(0.0 - 8.1)		1	1.2	(0.0 - 3.4)	
1976-1980	5	9.8	(1.0 - 18.5)		6	23.1	(0.0 - 50.8)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)	
1981-1985	3	3.5	(0.0 - 8.8)	0.4	15	44.8	(15.2 - 74.4)	4.7	0	0.0	(0.0 - 0.0)	0.0	2	4.4	(0.0 - 10.8)	0.
1986-1990	2	4.8	(0.0 - 11.6)	0.5	12	14.7	(3.2 - 26.3)	1.7	1	3.5	(0.0 - 10.5)	0.5	3	3.5	(0.0 - 7.7)	0.
1991-1995	2	4.5	(0.0 - 11.2)	0.7	5	9.0	(0.0 - 18.3)	1.4	3	8.0	(0.0 - 18.7)	1.7	5	9.3	(0.9 - 17.8)	2.
1996-2000	2	2.3	(0.0 - 5.9)	0.5	9	10.9	(3.1 - 18.7)	2.6	3	5.8	(0.0 - 13.8)	1.7	3	4.1	(0.0 - 8.7)	1.
2001-2005	2	2.1	(0.0 - 5.4)	0.7	2	1.4	(0.0 - 3.7)	0.4	0	0.0	(0.0 - 0.0)	0.0	3	1.6	(0.0 - 3.9)	0.
2006	0	0.0	(0.0 - 0.0)	0.0	2	6.0	(0.0 - 15.7)	2.0	1	15.5	(0.0 - 45.8)	6.8	1	1.5	(0.0 - 4.5)	0.
Pancreatic disease																
1967-1970	1	4.1	(0.0 - 12.0)		2	10.6	(0.0 - 30.1)		2	1.4	(0.0 - 3.3)		0	0.0	(0.0 - 0.0)	
1971-1975	2	3.3	(0.0 - 8.4)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)	
1976-1980	5	8.4	(0.7 - 16.2)		3	2.6	(0.0 - 6.4)		4	13.6	(0.0 - 29.2)		0	0.0	(0.0 - 0.0)	
1981-1985	3	5.2	(0.0 - 11.7)	2.6	4	5.3	(0.0 - 11.5)	2.7	1	4.1	(0.0 - 12.1)	3.6	1	1.1	(0.0 - 3.3)	1.
1986-1990	2	1.6	(0.0 - 3.7)	1.0	1	0.5	(0.0 - 1.6)	0.3	1	0.6	(0.0 - 1.8)	0.6	0	0.0	(0.0 - 0.0)	0.
1991-1995	5	4.1	(0.0 - 8.1)	3.0	1	0.2	(0.0 - 0.6)	0.1	2	4.6	(0.0 - 11.3)	5.5	1	0.8	(0.0 - 2.2)	1.
1996-2000	2	2.4	(0.0 - 6.2)	1.9	2	1.2	(0.0 - 2.9)	1.0	2	2.9	(0.0 - 7.0)	3.4	1	0.3	(0.0 - 0.9)	0.
2001-2005	8	10.8	(0.0 - 22.5)	9.8	4	0.9	(0.0 - 1.8)	0.8	5	8.3	(0.0 - 16.8)	10.1	2	1.4	(0.0 - 3.5)	1.
2006	1	4.7	(0.0 - 13.9)	5.7	0	0.0	(0.0 - 0.0)	0.0	1	9.4	(0.0 - 27.7)	13.0	0	0.0	(0.0 - 0.0)	0.

	Males								Females							
	Indigenous				Non-Indigenous				Indigenous				Non-Indigenous			
	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	R
<i>All other digestive diseases</i>																
1967-1970	7	20.0	(3.4 - 36.5)		4	30.2	(0.0 - 69.6)		9	32.5	(1.9 - 63.1)		2	...20.5..	(0.0-51.3)	
1971-1975	8	25.2	(5.2 - 45.1)		11	22.6	(0.0 - 52.7)		17	51.0	(23.6 - 78.5)		4	13.6	(0.0 - 30.9)	
1976-1980	10	20.7	(3.9 - 37.5)		5	3.6	(0.1 - 7.1)		7	23.1	(1.9 - 44.2)		3	16.1	(0.0 - 46.0)	
1981-1985	5	14.5	(1.2 - 27.7)	1.0	10	13.6	(0.5 - 26.8)	1.0	10	27.6	(6.5 - 48.7)	2.0	7	17.3	(0.6 - 33.9)	1.
1986-1990	10	29.9	(7.5 - 52.2)	2.2	13	24.7	(7.6 - 41.8)	1.8	11	34.7	(11.0 - 58.5)	2.6	3	4.3	(0.0 - 9.4)	0.
1991-1995	9	24.2	(5.6 - 42.7)	2.0	14	19.0	(6.4 - 31.6)	1.6	8	14.9	(2.2 - 27.7)	1.2	8	10.5	(1.9 - 19.1)	0.
1996-2000	10	15.7	(1.9 - 29.6)	1.3	23	25.5	(13.6 - 37.4)	2.1	13	24.7	(9.7 - 39.7)	2.1	12	12.8	(5.0 - 20.6)	1.
2001-2005	15	30.6	(10.0 - 51.2)	2.6	22	18.1	(9.8 - 26.5)	1.5	25	34.1	(18.0 - 50.2)	2.8	15	13.2	(6.2 - 20.2)	1.
2006	4	19.0	(0.0 - 38.6)	1.6	5	13.0	(0.0 - 26.8)	1.1	6	38.8	(1.9 - 75.7)	3.3	2	5.9	(0.0 - 15.4)	0.

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Diseases of the genitourinary system**Table 89 Diseases of the genitourinary system, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006**

	Males								Females							
	Indigenous				Non-Indigenous				Indigenous				Non-Indigenous			
	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio
Renal failure																
1967-1970	1	2.8	(0.0 - 8.2)		0	0.0	(0.0 - 2.1)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)	
1971-1975	1	7.1	(0.0 - 21.0)		0	0.0	(0.0 - 14.3)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)	
1976-1980	9	36.1	(10.5 - 61.6)		0	0.0	(0.0 - 28.2)		6	27.4	(3.0 - 51.8)		0	0.0	(0.0 - 0.0)	
1981-1985	7	23.2	(2.7 - 43.6)	3.0	4	8.3	(0.0 - 24.2)	1.1	14	44.0	(18.7 - 69.2)	8.1	1	1.1	(0.0 - 3.4)	0.2
1986-1990	14	42.6	(17.4 - 67.8)	5.0	5	12.9	(0.0 - 31.3)	1.5	26	79.0	(45.3 - 112.8)	12.5	1	2.8	(0.0 - 8.3)	0.4
1991-1995	14	45.0	(18.4 - 71.7)	4.7	7	12.9	(1.9 - 31.3)	1.3	17	42.5	(21.2 - 63.9)	6.1	3	4.4	(0.0 - 9.6)	0.6
1996-2000	19	62.7	(31.6 - 93.9)	5.5	2	2.0	(0.0 - 22.4)	0.2	36	85.6	(56.0 - 115.3)	10.4	11	14.3	(5.5 - 23.1)	1.7
2001-2005	25	61.2	(32.7 - 89.7)	5.7	9	9.0	(2.9 - 23.7)	0.8	31	53.0	(31.5 - 74.5)	6.5	11	11.8	(4.8 - 18.7)	1.5
2006	7	120.1	(14.5 - 225.7)	10.1	2	6.1	(0.0 - 41.9)	0.5	8	68.0	(15.0 - 120.9)	8.0	1	4.7	(0.0 - 13.8)	0.6
Nephritis & nephrosis																
1967-1970	5	11.8	(0.0 - 23.6)		2	3.9	(0.0 - 9.3)		6	25.9	(0.0 - 55.3)		1	0.9	(0.0 - 2.7)	
1971-1975	8	17.8	(4.1 - 31.5)		2	5.3	(0.0 - 14)		11	25.4	(9.9 - 40.8)		2	20.0	(0.0 - 56.7)	
1976-1980	15	41.1	(15.5 - 66.7)		5	16.6	(0.0 - 37.7)		11	32.1	(11.0 - 53.2)		1	0.6	(0.0 - 1.8)	
1981-1985	8	21.4	(5.9 - 36.9)	7.3	4	20.2	(0.0 - 41)	5.7	7	21.8	(5.1 - 38.6)	5.6	4	4.7	(0.0 - 9.7)	1.2
1986-1990	7	14.5	(2.6 - 26.5)	5.0	1	0.4	(0.0 - 1.1)	7.0	6	8.5	(0.8 - 16.2)	2.1	0	0.0	(0.0 - 0.0)	0.0
1991-1995	1	2.5	(0.0 - 7.5)	1.3	1	0.7	(0.0 - 2.1)	0.2	13	31.7	(12.6 - 50.7)	11.5	1	2.2	(0.0 - 6.7)	0.8
1996-2000	13	23.4	(9.5 - 37.4)	21.2	1	0.3	(0.0 - 0.9)	0.6	12	15.0	(5.3 - 24.7)	13.0	1	0.5	(0.0 - 1.4)	0.4
2001-2005	3	3.2	(0.0 - 7.0)	4.1	0	0.0	(0.0 - 0.0)	0.4	8	12.9	(2.9 - 22.8)	18.9	1	0.3	(0.0 - 0.8)	0.4
2006	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	1	6.3	(0.0 - 18.6)	12.4	1	4.7	(0.0 - 13.8)	9.2
Prostate disease																
1967-1970	0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)		*	*		*	*	*		*
1971-1975	1	3.2	(0.0 - 9.4)		3	10.3	(0.0 - 22.7)		*	*		*	*	*		*
1976-1980	0	0.0	(0.0 - 0.0)		1	3.9	(0.0 - 11.5)		*	*		*	*	*		*
1981-1985	2	7.7	(0.0 - 18.5)	3.3	1	6.0	(0.0 - 17.8)	2.6	*	*		*	*	*		*
1986-1990	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	*	*		*	*	*		*
1991-1995	1	3.1	(0.0 - 9.3)	2.8	0	0.0	(0.0 - 0.0)	0.0	*	*		*	*	*		*
1996-2000	2	2.8	(0.0 - 7.3)	3.7	2	3.4	(0.0 - 8.1)	4.5	*	*		*	*	*		*
2001-2005	2	8.0	(0.0 - 19.9)	12.5	1	1.2	(0.0 - 3.4)	1.9	*	*		*	*	*		*
2006	1	4.1	(0.0 - 12.2)	5.6	0	0.0	(0.0 - 0.0)	0.0	*	*		*	*	*		*

	Males								Females							
	Indigenous				Non-Indigenous				Indigenous				Non-Indigenous			
	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio
<i>Pelvic inflammatory disease (PID)</i>																
1967-1970	*		*	*	*	*		*	3	12.0	(0.0 - 26.4)		0	0.0	(0.0 - 0.0)	
1971-1975	*		*	*	*	*		*	0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)	
1976-1980	*		*	*	*	*		*	0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)	
1981-1985	*		*	*	*	*		*	3	10.7	(0.0 - 24.4)	78.2	0	0.0	(0.0 - 0.0)	0.0
1986-1990	*		*	*	*	*		*	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0
1991-1995	*		*	*	*	*		*	1	1.0	(0.0 - 3.0)	8.1	0	0.0	(0.0 - 0.0)	0.0
1996-2000	*		*	*	*	*		*	2	2.3	(0.0 - 5.5)	34.5	0	0.0	(0.0 - 0.0)	0.0
2001-2005	*		*	*	*	*		*	3	4.0	(0.0 - 8.6)	53.0	0	0.0	(0.0 - 0.0)	0.0
2006	*		*	*	*	*		*	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0
<i>All other genitourinary diseases</i>																
1967-1970	8	36.9	(7.5 - 66.3)		1	3.6	(0.0 - 10.6)		9	42.6	(8.3 - 76.9)		2	5.1	(0.0 - 12.4)	
1971-1975	7	14.2	(1.9 - 26.5)		1	0.3	(0.0 - 1.0)		7	16.9	(0.0 - 35.3)		2	2.1	(0.0 - 5.2)	
1976-1980	1	0.8	(0.0 - 2.4)		1	0.9	(0.0 - 2.7)		12	31.8	(9.2 - 54.4)		1	1.5	(0.0 - 4.4)	
1981-1985	6	21.8	(1.4 - 42.2)	4.5	0	0.0	(0.0 - 0.0)	0.0	6	19.4	(2.1 - 36.6)	4.0	2	3.5	(0.0 - 8.5)	0.7
1986-1990	7	24.4	(3.0 - 45.8)	8.9	1	0.6	(0.0 - 1.9)	0.2	11	26.5	(7.5 - 45.5)	10.0	0	0.0	(0.0 - 0.0)	0.0
1991-1995	4	8.9	(0.1 - 17.6)	3.5	3	6.8	(0.0 - 14.9)	2.6	8	21.7	(5.3 - 38.0)	9.2	1	2.2	(0.0 - 6.7)	0.9
1996-2000	4	12.7	(0.0 - 26.7)	3.7	2	3.4	(0.0 - 8.1)	1.0	8	15.1	(3.0 - 27.2)	3.5	7	7.3	(1.7 - 13.0)	1.7
2001-2005	5	19.4	(1.1 - 37.7)	5.7	6	6.0	(0.9 - 11.1)	1.7	12	25.3	(8.7 - 42.0)	5.2	3	2.6	(0.0 - 5.7)	0.5
2006	2	31.1	(0.0 - 84.4)	8.7	0	0.0	(0.0 - 0.0)	0.0	1	6.3	(0.0 - 18.6)	1.3	1	4.7	(0.0 - 13.8)	1.0

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Injury and poisoning

Table 90 Injury and poisoning, five year periods, by sex and Indigenous status, Northern Territory 1967 to 2006

	Males								Females							
	Indigenous				Non-Indigenous				Indigenous				Non-Indigenous			
	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio
<i>Motor vehicle accident (MVA)</i>																
1967-1970	22	57.8	(27.4 - 88.1)		70	70.9	(45.2 - 96.6)		5	15.8	(1.5 - 30.2)		25	48.0	(23.8 - 72.2)	
1971-1975	44	74.3	(49.2 - 99.4)		147	90.4	(57.6 - 123.2)		18	30.7	(14.7 - 46.7)		29	19.6	(11.2 - 28.1)	
1976-1980	80	117.2	(86.0 - 148.4)		132	59.9	(48.0 - 71.8)		20	29.5	(15.1 - 43.9)		40	23.8	(14.4 - 33.2)	
1981-1985	83	105.1	(78.7 - 131.5)	18.0	151	47.1	(39.0 - 55.2)	8.1	22	24.7	(13.0 - 36.5)	5.4	34	16.4	(8.4 - 24.5)	3.6
1986-1990	100	122.5	(93.5 - 151.4)	23.5	136	45.8	(33.0 - 58.6)	8.8	24	24.3	(13.4 - 35.2)	6.0	46	17.1	(10.6 - 23.6)	4.2
1991-1995	84	81.0	(60.2 - 101.9)	19.3	98	29.5	(22.7 - 36.2)	7.0	29	27.2	(15.1 - 39.4)	8.3	25	9.0	(5.0 - 13.1)	2.7
1996-2000	80	70.7	(53.2 - 88.2)	19.6	110	31.8	(24.0 - 39.6)	8.8	31	24.3	(14.7 - 33.8)	8.2	27	8.1	(4.8 - 11.3)	2.7
2001-2005	77	58.7	(41.7 - 75.8)	16.2	72	17.8	(13.5 - 22)	4.9	47	36.5	(25.0 - 48.0)	12.4	29	9.0	(5.4 - 12.7)	3.1
2006	17	55.0	(27.4 - 82.6)	15.5	13	15.9	(7.2 - 24.6)	4.5	7	18.5	(4.2 - 32.8)	6.1	5	11.3	(0.0 - 22.7)	3.7
<i>Assault</i>																
1967-1970	14	39.0	(17.7 - 60.2)		6	6.2	(0.7 - 11.7)		17	37.3	(17.0 - 57.6)		2	4.6	(0.0 - 11.0)	
1971-1975	22	42.7	(21.0 - 64.5)		17	10.0	(4.4 - 15.6)		18	32.8	(17.0 - 48.7)		5	4.0	(0.1 - 7.9)	
1976-1980	43	79.7	(53.7 - 105.7)		30	14.4	(8.2 - 20.6)		21	34.6	(18.8 - 50.4)		4	1.5	(0.0 - 3.1)	
1981-1985	31	48.5	(29.6 - 67.3)	8.1	30	11.6	(7.0 - 16.2)	1.9	29	36.2	(21.9 - 50.5)	8.5	10	3.7	(1.3 - 6.1)	0.9
1986-1990	44	61.4	(39.2 - 83.6)	10.8	19	5.7	(2.9 - 8.5)	1.0	25	23.7	(13.5 - 33.8)	5.9	3	0.9	(0.0 - 1.8)	0.2
1991-1995	40	33.8	(22.3 - 45.2)	8.8	25	7.1	(4.1 - 10.2)	1.8	24	19.9	(11.1 - 28.7)	6.7	8	5.4	(0.0 - 10.9)	1.8
1996-2000	28	22.9	(13.3 - 32.5)	6.4	18	5.0	(2.4 - 7.6)	1.4	21	15.6	(8.6 - 22.7)	5.6	3	1.4	(0.0 - 3.2)	0.5
2001-2005	28	18.6	(11.3 - 25.9)	3.9	10	2.4	(0.9 - 3.9)	0.5	32	21.3	(13.3 - 29.2)	6.1	5	1.5	(0.2 - 2.8)	0.4
2006	5	14.4	(1.7 - 27.2)	1.7	2	2.2	(0.0 - 5.3)	0.3	5	13.7	(1.3 - 26.0)	2.2	0	0.0	(0.0 - 0.0)	0.0
<i>Drowning</i>																
1967-1970	6	7.3	(0.7 - 14.0)		15	12.6	(5.8 - 19.4)		2	1.4	(0.0 - 3.3)		2	1.3	(0.0 - 3.1)	
1971-1975	18	21.8	(9.4 - 34.3)		26	13.5	(7.6 - 19.3)		4	2.3	(0.0 - 4.5)		11	5.9	(1.9 - 10.0)	
1976-1980	18	21.7	(10.0 - 33.4)		38	15.5	(10.2 - 20.8)		2	3.1	(0.0 - 8.3)		12	6.4	(1.6 - 11.3)	
1981-1985	11	9.6	(3.2 - 16.0)	0.6	28	7.9	(4.9 - 10.8)	0.5	6	3.8	(0.5 - 7.1)	0.4	4	1.2	(0.0 - 2.4)	0.1
1986-1990	22	27.6	(13.5 - 41.8)	1.9	29	7.7	(4.8 - 10.6)	0.5	3	1.5	(0.0 - 3.1)	0.2	7	2.0	(0.4 - 3.6)	0.2
1991-1995	17	15.0	(6.7 - 23.4)	1.1	24	6.4	(3.8 - 9.0)	0.5	3	2.9	(0.0 - 7.0)	0.4	11	3.1	(1.2 - 5.0)	0.4
1996-2000	9	6.0	(1.9 - 10.1)	0.4	13	3.1	(1.4 - 4.7)	0.2	9	4.2	(1.4 - 7.0)	0.4	2	1.1	(0.0 - 2.9)	0.1
2001-2005	10	6.4	(2.3 - 10.5)	0.4	10	3.2	(0.6 - 5.8)	0.2	5	3.3	(0.2 - 6.3)	0.3	3	0.8	(0.0 - 1.7)	0.1
2006	4	12.8	(0.2 - 25.4)	0.7	2	2.2	(0.0 - 5.3)	0.1	0	0.0	(0.0 - 0.0)	0.0	3	4.2	(0.0 - 8.9)	0.5

	Males								Females							
	Indigenous				Non-Indigenous				Indigenous				Non-Indigenous			
	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio
<i>Suicide</i>																
1967-1970	1	2.8	(0.0 - 8.2)		22	31.9	(9.3 - 54.6)		0	0.0	(0.0 - 0.0)		4	9.4	(0.0 - 20.5)	
1971-1975	5	9.1	(0.8 - 17.5)		41	40.8	(9.6 - 72.0)		1	1.5	(0.0 - 4.3)		7	6.2	(1.3 - 11.2)	
1976-1980	6	8.4	(1.2 - 15.6)		43	24.6	(14.2 - 35.0)		0	0.0	(0.0 - 0.0)		11	7.1	(2.1 - 12.1)	
1981-1985	7	7.1	(0.7 - 13.5)	0.2	54	27.8	(13.9 - 41.6)	0.9	0	0.0	(0.0 - 0.0)	0.0	3	1.0	(0.0 - 2.1)	0.1
1986-1990	6	8.9	(1.2 - 16.7)	0.4	90	33.4	(23.1 - 43.6)	1.4	0	0.0	(0.0 - 0.0)	0.0	11	3.7	(1.3 - 6.1)	0.4
1991-1995	16	14.0	(6.5 - 21.6)	0.8	75	24.4	(17.9 - 30.9)	1.4	3	2.1	(0.0 - 4.6)	0.3	10	6.7	(0.3 - 13.1)	1.0
1996-2000	49	32.9	(23.0 - 42.8)	2.2	109	29.4	(23.0 - 35.9)	2.0	10	7.5	(2.3 - 12.6)	1.3	19	5.2	(2.8 - 7.6)	0.9
2001-2005	107	62.9	(50.6 - 75.3)	5.0	98	26.9	(21.0 - 32.7)	2.2	14	7.8	(3.6 - 12)	1.8	18	5.7	(2.6 - 8.7)	1.3
2006	16	48.5	(23.1 - 73.9)	4.4	14	15.7	(7.5 - 23.9)	1.4	3	6.5	(0.0 - 13.9)	1.8	2	3.7	(0.0 - 9.2)	1.0
<i>Accidental falls</i>																
1967-1970	0	0.0	(0.0 - 0.0)		4	2.5	(0.0 - 5.1)		1	1.3	(0.0 - 3.8)		2	4.0	(0.0 - 10.3)	
1971-1975	2	6.2	(0.0 - 14.8)		12	7.9	(2.6 - 13.2)		0	0.0	(0.0 - 0.0)		0	0.0	(0.0 - 0.0)	
1976-1980	4	6.8	(0.0 - 14.8)		10	5.7	(1.8 - 9.7)		1	0.5	(0.0 - 1.4)		1	1.5	(0.0 - 4.4)	
1981-1985	3	7.8	(0.0 - 16.9)	3.1	7	2.6	(0.5 - 4.8)	1.0	1	1.2	(0.0 - 3.5)	0.8	4	9.1	(0.0 - 20.5)	6.4
1986-1990	6	9.4	(1.2 - 17.7)	3.7	10	4.4	(0.7 - 8.0)	1.7	2	3.0	(0.0 - 7.8)	1.9	2	3.1	(0.0 - 8.6)	2.0
1991-1995	5	7.1	(0.1 - 14.0)	3.1	13	6.1	(0.4 - 11.8)	2.7	1	3.0	(0.0 - 8.9)	2.1	3	3.4	(0.0 - 8.1)	2.4
1996-2000	4	4.2	(0.0 - 8.7)	1.9	17	8.9	(2.8 - 15.1)	4.0	5	6.7	(0.0 - 14.6)	6.0	3	3.2	(0.0 - 7.3)	2.9
2001-2005	3	3.6	(0.0 - 8.0)	2.2	21	11.8	(5.6 - 18.0)	7.2	2	4.3	(0.0 - 11.4)	5.2	9	7.2	(2.0 - 12.4)	8.8
2006	2	14.4	(0.0 - 37.3)	15.3	2	4.1	(0.0 - 10.4)	4.4	0	0.0	(0.0 - 0.0)	0.0	2	3.0	(0.0 - 7.2)	5.9
<i>Fire</i>																
1967-1970	3	8.6	(0.0 - 19.3)		3	7.0	(0.0 - 18.2)		6	30.7	(0.0 - 62.1)		0	0.0	(0.0 - 0.0)	
1971-1975	9	23.0	(1.5 - 44.5)		3	1.0	(0.0 - 2.1)		7	19.8	(3.8 - 35.8)		1	0.4	(0.0 - 1.1)	
1976-1980	3	5.1	(0.0 - 11.6)		2	1.1	(0.0 - 2.7)		5	19.5	(0.0 - 39.1)		1	0.9	(0.0 - 2.8)	
1981-1985	4	9.6	(0.0 - 23.1)	2.3	3	1.3	(0.0 - 2.9)	0.3	2	9.0	(0.0 - 22.4)	10.4	1	1.1	(0.0 - 3.4)	1.3
1986-1990	4	7.9	(0.0 - 16.6)	2.3	4	1.5	(0.0 - 3.0)	0.4	3	5.2	(0.0 - 11.9)	6.4	0	0.0	(0.0 - 0.0)	0.0
1991-1995	3	7.3	(0.0 - 18.6)	2.5	1	0.2	(0.0 - 0.7)	0.1	2	4.3	(0.0 - 10.7)	6.0	0	0.0	(0.0 - 0.0)	0.0
1996-2000	3	4.7	(0.0 - 10.5)	1.9	4	1.3	(0.0 - 2.6)	0.5	8	17.4	(4.4 - 30.4)	26.4	0	0.0	(0.0 - 0.0)	0.0
2001-2005	6	13.4	(0.0 - 27.4)	6.9	2	0.5	(0.0 - 1.1)	0.3	5	4.0	(0.0 - 8.2)	7.4	0	0.0	(0.0 - 0.0)	0.0
2006	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0	0	0.0	(0.0 - 0.0)	0.0

	Males								Females							
	Indigenous				Non-Indigenous				Indigenous				Non-Indigenous			
	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio	No.	Rate	(95%CI)	Ratio
<i>All other injury and poisoning</i>																
1967-1970	30	57.3	(27.6 - 87.0)		41	50.8	(25.8 - 75.8)		15	20.1	(6.8 - 33.4)		9	77.4	(0.0 - 168.8)	
1971-1975	32	57.9	(32.0 - 83.8)		106	105.7	(52.2 - 159.2)		11	15.0	(2.7 - 27.3)		29	40.5	(2.5 - 78.4)	
1976-1980	46	62.4	(41.6 - 83.2)		73	41.2	(29.4 - 52.9)		20	26.4	(12.1 - 40.8)		11	23.2	(0.0 - 53.9)	
1981-1985	29	44.0	(24.4 - 63.5)	7.1	60	50.8	(23.8 - 77.8)	8.2	18	34.3	(13.9 - 54.8)	6.6	14	11.9	(0.3 - 23.5)	2.3
1986-1990	29	26.1	(15.0 - 37.2)	5.4	62	32.0	(16.4 - 47.5)	6.7	17	28.8	(11.3 - 46.3)	6.6	12	12.4	(2.3 - 22.4)	2.8
1991-1995	33	33.0	(17.1 - 48.8)	7.7	51	22.0	(11.7 - 32.4)	5.1	18	29.2	(10.1 - 48.4)	7.9	13	9.3	(2.3 - 16.4)	2.5
1996-2000	40	42.0	(23.0 - 60.9)	11.1	55	18.7	(11.3 - 26.2)	4.9	20	23.3	(10.6 - 35.9)	7.2	20	12.9	(5.7 - 20.2)	4.0
2001-2005	48	51.9	(30.7 - 73.1)	16.2	61	24.1	(16.2 - 31.9)	7.5	27	34.3	(17.9 - 50.7)	12.5	14	8.6	(3.3 - 14.0)	3.1
2006	14	67.8	(10.3 - 125.3)	22.6	20	31.2	(14.5 - 47.8)	10.4	5	17.1	(0.7 - 33.5)	7.1	2	7.1	(0.0 - 17.5)	2.9

Notes:

1) For deaths <20 counts, rates to be interpreted with caution due to small numbers

Abbreviations

ABS	Australian Bureau of Statistics
ACS	Automatic Coding System
AIHW	Australian Institute of Health and Welfare
CA	Central Australia
COPD	Chronic Obstructive Pulmonary Disease
DOH	Department of Health
ERP	Estimated Resident Population
GI	Gastrointestinal
HTN	Hypertension
ICD	International Classification of Diseases
IHD	Ischaemic Heart Disease
MVA	Motor Vehicle Accident
NT	Northern Territory
PID	Pelvic Inflammatory Disease
RHD	Rheumatic Heart Disease
TB	Tuberculosis
TE	Top End
URTI	Upper Respiratory Tract Infection
WHO	World Health Organisation

Glossary

Age-adjusted death (mortality) rate: A death rate statistically modified to remove the influence of age when comparing populations with different age structures. It is also known as age-standardised rate. There are usually two methods in age-standardisation – the direct and indirect method. This report uses direct standardisation by applying the age-specific death rates for a particular year to a standard population. The calculation involves the following three steps:

- 1) Calculate the age-specific death rate for each age group.
- 2) Calculate the expected number of deaths in each age group by multiplying the age-specific death rate by the corresponding standard population for each age group, and dividing by 100,000 to obtain the expected number of death per 100,000.
- 3) Sum the expected number of deaths in each age group and divide this sum by the total of the standard population, and multiply by 100,000 to give the age-adjusted death rate per 100,000 population.

Age-specific death (mortality) rate: A death rate limited to a specific age group. The numerator is the number of deaths in that age group and the denominator is the number of persons in that age group in the population.

Associated causes of death: All other causes listed on a death certificate other than the underlying cause.

Confidence Interval: A specified probability that the statistically constructed range of values for a specified variable of interest does include the true value of the variable in the population. The end points of the confidence interval are called the confidence limits and it is usually set at 95%.

International Classification of Disease (ICD): The ICD is the international standard diagnostic classification system used widely in epidemiological, clinical, health management purposes. In mortality statistics, it has been adopted by countries worldwide in the coding and classification of causes of death and is currently maintained by the WHO. Since the First Revision (ICD-1) introduced in 1900, it has undergone a number of significant changes in response to advancements in medical science. Compared with the first revision, the number of deaths has increased from 319 under ICD-1 to around 12,000 causes under ICD-10, the most current revision.

Life expectancy at birth: Life expectancy is the number of years that a newborn child can be expected to live if the current pattern of death rate in each age group remains the same of the rest of the child's life. Thus, the life expectancy for a baby born in 2006 will be based on death rates for 2006 and not on future death rates. It is calculated using life tables. Although it is a theoretical measure, it is still a good summary measure for current death pattern.

Life table: Life tables are a statistical model used to measure mortality, survivorship and life expectancy. There are two types of life table – the cohort (or generation) and the period (or current). The more commonly used is the period, or current life table which depicts the mortality experience of a hypothetical population (typically 100,000 in size) if it experienced throughout its entire life the mortality conditions of a particular time period. Depending on the age interval used in the compilation, it may be complete (data by single years or age) or abridged (data for five-year age groups).

Multiple causes of death: All conditions, diseases and injuries listed on a death certificate. It includes the underlying cause, the intermediate cause, or any intervening causes and conditions which contributed to death, but were not related to the disease or conditions causing death.

Rate ratio: Rate ratio is calculated by dividing the adjusted death rate for one group by the adjusted death rate for another group used as comparison.

Underlying cause of death: The condition, disease or injury which initiated the train of events that leads directly to death.

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