

Closing the Gap in Indigenous Health

Grampians Region

Start of Life (Birth/PreBirth)

Birth Rate

Measure: Total live births per 1,000 female population (aged 15-49yrs).
 Data source: VPDC. All live births in 2007 (extracted 17/07/09). Service & Workforce Planning. ABS Census 2006 Estimated Resident Population (extracted 17/07/09).

Low Birthweight

Measure: Percentage of live births that were low birthweight [number of low birthweight babies divided by the total number of live births].
 Data source: VPDC. All live births in 2007 (extracted 17/07/09).

Low Birthweight (Adolescent Mothers only)[†]

Measure: Percentage of live births to adolescent mothers that were low birthweight [number of low birthweight babies where the mother was <20 yrs old divided by the total number of live births where the mother was <20 yrs old].
 Data source: VPDC. All live births in 2007 (extracted 17/07/09).

Still Births

Measure: Number of stillbirths divided by the [total number of live births and stillbirths].
 Data source: VPDC. All stillbirths in 2007 (extracted 14/10/09).

Neonatal Mortality

Measure: Number of neonatal deaths divided by the total number of live births.
 Data source: VPDC. All live births in 2007 (extracted 14/10/09).

Perinatal Mortality

Measure: [Total number of stillbirths and neonatal deaths] divided by the [total number of live births and stillbirths].
 Data source: VPDC. All births in 2007 (extracted 14/10/09).

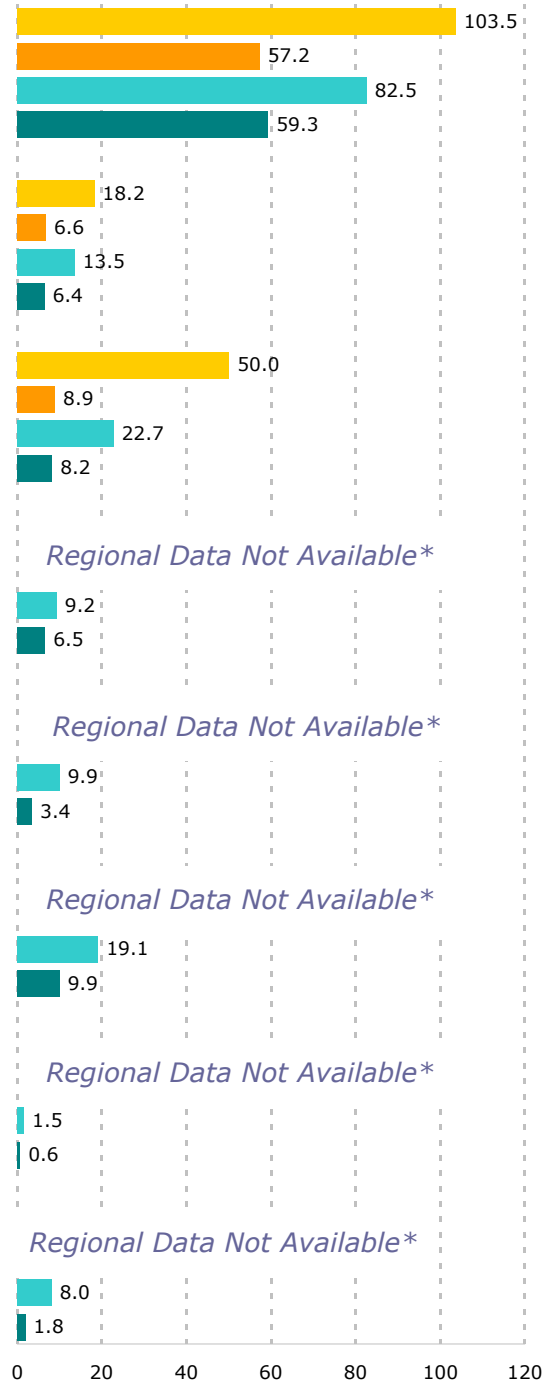
Perinatal Mortality (Fetal Growth Restriction)

Measure: [Total number of stillbirths and neonatal deaths caused by Fetal Growth Restriction (FGR)] divided by the [total number of live births and stillbirths].
 Data source: VPDC. All births in 2007 (extracted 14/10/09).

Perinatal Mortality (Spontaneous preterm)

Measure: [Total number of stillbirths and neonatal deaths caused by spontaneous preterm birth (<37 weeks)] divided by the [total number of live births and stillbirths].
 Data source: VPDC. All births in 2007 (extracted 14/10/09).

Region - ATSI Statewide - ATSI
 Region - Non-ATSI Statewide - Non-ATSI



[†] Numbers are small, interpret this data with caution
 * Regional data not available due to small numbers

Data quality issues:

Indigenous status: Birth Notification forms collect the Indigenous status of the mother of the baby - not the Indigenous status of the baby. Therefore, Indigenous births will be underestimated as babies born to Indigenous fathers and non-Indigenous mothers are not included in the data collection.

Definitions:

Live births include the birth of any infant regardless of gestational age or birthweight, who breathes or shows signs of life after being born.

Low birthweight is defined by the World Health Organization (WHO) as less than 2,500 grams.

Stillbirth is the birth of an infant weighing at least 400g or of at least 20 weeks gestation, which shows no signs of life after birth.

Neonatal death is the death of an infant, within 28 days of birth, whose weight was at least 400g or of at least 20 weeks gestation.

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Grampians Region

Childhood

■ Region - ATSI
 ■ Statewide - ATSI
■ Region - Non-ATSI
 ■ Statewide - Non-ATSI

Hospitalisations for Injury/Poisoning

Hospitalisations for Pneumonia

Decayed, Missing, Filled, Teeth

Left Without Treatment (Emergency Dept)

Measure: Percentage of ED presentations that left without treatment [Number of ED presentations that left without treatment divided by the total number of ED presentations].

Data source: VEMD. All ED presentations in 2007/08 financial year (file date 02/12/08).

■ 5.6
■ 3.5
■ 10.5
■ 11.0

Discharge Against Medical Advice (Hospital ward)

After Hours Primary Care Type ED presentations

Measure: Percentage of ED presentations that were after hours [Number of after hours ED presentations divided by the total number of ED presentations].

Data source: VEMD. All ED presentations in 2007/08 financial year (file date 02/12/08).

■ 54.8
■ 52.4
■ 50.8
■ 54.6

Immunisation - 1yr olds (12-<15 Months)

Measure: Percentage of children that have received the full recommended course of vaccinations for their age, according to the National Immunisation Program Schedule.

Data source: Australian Childhood Immunisation Register - Coverage Report. All immunisations in 2008/09 financial year (extracted 13/10/09).

■ 94.0
■ 93.0
■ 85.0
■ 92.0

Immunisation - 2yr olds (24-<27 Months)

Measure: Percentage of children that have received the full recommended course of vaccinations for their age, according to the National Immunisation Program Schedule.

Data source: Australian Childhood Immunisation Register - Coverage Report. All immunisations in 2008/09 financial year (extracted 13/10/09).

■ 92.5
■ 94.8
■ 89.9
■ 93.7

Immunisation - 5yr olds (60-<63 Months)

Measure: Percentage of children that have received the full recommended course of vaccinations for their age, according to the National Immunisation Program Schedule.

Data source: Australian Childhood Immunisation Register - Coverage Report. All immunisations in 2008/09 financial year (extracted 13/10/09).

■ 89.7
■ 86.3
■ 82.2
■ 85.8

Vaccine Preventable Diseases[†]

Measure: Vaccine preventable disease notifications per 1,000 population.

Proxy measure: Vaccine preventable disease notifications is an indicator of immunisation

Data source: NNDSS. All notifications in 2-yr period 2007-2008 (extracted 06/08/09).

Service & Workforce Planning. ABS Census 2006 Estimated Resident Population (extracted 17/07/09).

■ 0.0
■ 1.2
■ 1.8
■ 1.5

0 20 40 60 80 100

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Adolescence

■ Region - ATSI ■ Statewide - ATSI
■ Region - Non-ATSI ■ Statewide - Non-ATSI

Hospitalisations for Injury/Poisoning

Hospitalisations for Pneumonia

Decayed, Missing, Filled, Teeth

Sexually Transmissible Infections

Measure: STI and Hepatitis C notifications per 1,000 population.
 Proxy measure: Notifications of STIs is one indicator for unsafe sexual practices.
 Data source: NNDSS. All notifications in 2-yr period 2007-2008 (extracted 06/08/09).
 Service & Workforce Planning. ABS Census 2006 Estimated Resident Population (extracted 17/07/09).

Risky and High Risk Alcohol Consumption

Measure: Courses of treatment (where the clients' reported primary drug is alcohol) per 1,000 population.
 Data source: ADIS. All courses of treatment for government funded AoD treatment service activity in 2008/09 financial year (extracted 09/10/09). Service & Workforce Planning. ABS Census 2006 Estimated Resident Population (extracted 17/07/09).

Cannabis Use

Measure: Courses of treatment (where the clients' reported primary drug is cannabis) per 1,000 population.
 Data source: ADIS. All courses of treatment for government funded AoD treatment service activity in 2008/09 financial year (extracted 09/10/09). Service & Workforce Planning. ABS Census 2006 Estimated Resident Population (extracted 17/07/09).

Drug and Other Substance Use including Inhalants

Measure: Courses of treatment (where the clients' reported primary drug is all other drugs and substances) per 1,000 population.
 Data source: ADIS. All courses of treatment for government funded AoD treatment service activity in 2008/09 financial year (extracted 09/10/09). Service & Workforce Planning. ABS Census 2006 Estimated Resident Population (extracted 17/07/09).

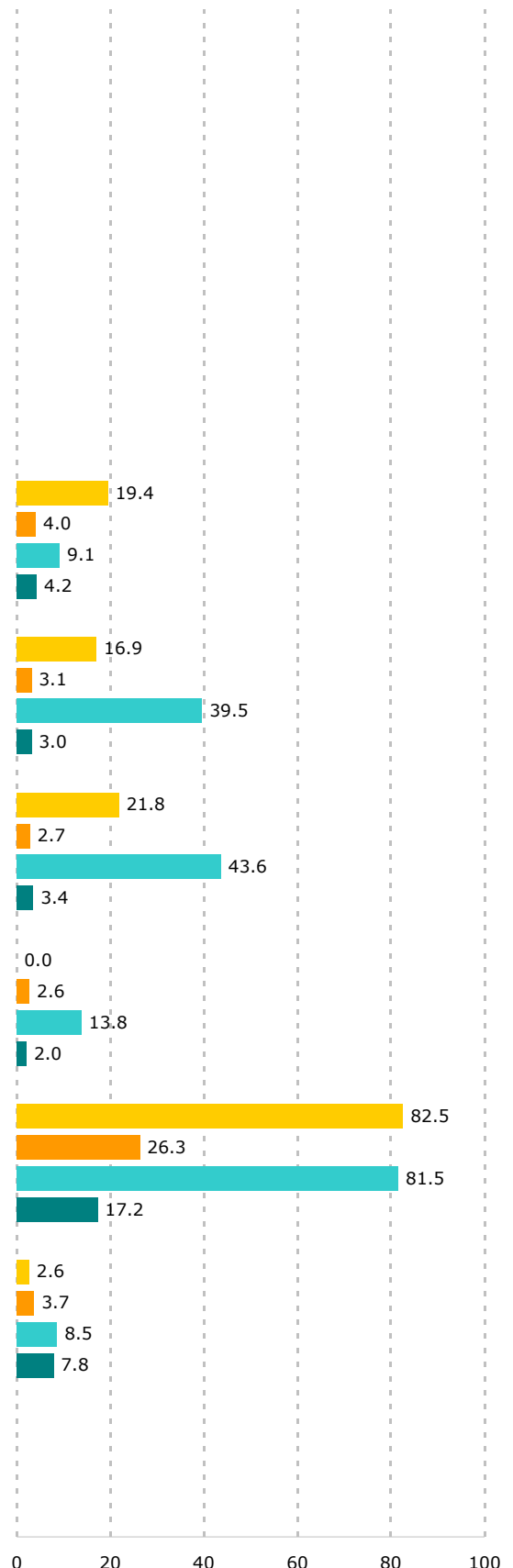
Teenage Pregnancy (Live Births)

Measure: Total live births to teenage females per 1,000 teenage female population.
 Proxy measure: Teenage pregnancy is one indicator for unsafe sexual practices.
 Data source: VPDC. All live births in 2007 (extracted 17/07/09). Service & Workforce Planning. ABS Census 2006 Estimated Resident Population (extracted 17/07/09).

Left Without Treatment (Emergency Dept)

Measure: Percentage of ED presentations that left without treatment [Number of ED presentations that left without treatment divided by the total number of ED presentations].
 Data source: VEMD. All ED presentations in 2007/08 financial year (file date 02/12/08).

Discharge Against Medical Advice (Hospital ward)



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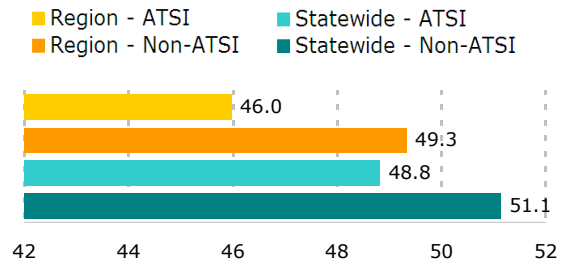
Grampians Region

Adolescence

After Hours Primary Care Type ED presentations

Measure: Percentage of ED presentations that were after hours [Number of after hours ED presentations divided by the total number of ED presentations].

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Grampians Region

Adulthood

■ Region - ATSI ■ Statewide - ATSI
■ Region - Non-ATSI ■ Statewide - Non-ATSI

Hospitalisations for Injury/Poisoning

Hospitalisations for Pneumonia

Circulatory Disease

Decayed, Missing, Filled, Teeth

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Measure: STI and Hepatitis C notifications per 1,000 population.
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Measure: Courses of treatment (where the clients' reported primary drug is alcohol) per 1,000 population.
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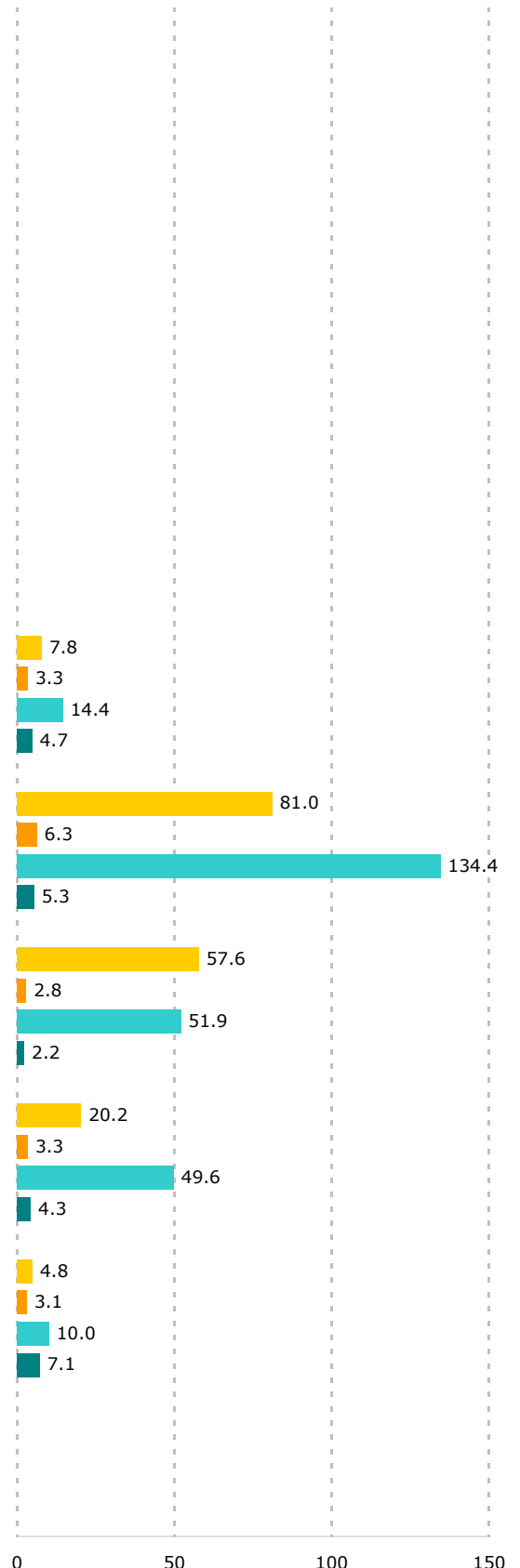
Drug and Other Substance Use including Inhalants

Measure: Courses of treatment (where the clients' reported primary drug is all other drugs and substances) per 1,000 population.
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Discharge Against Medical Advice (Hospital ward)



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Old Age

■ Region - ATSI ■ Statewide - ATSI
■ Region - Non-ATSI ■ Statewide - Non-ATSI

Hospitalisations for Injury/Poisoning

Hospitalisations for Pneumonia

Circulatory Disease

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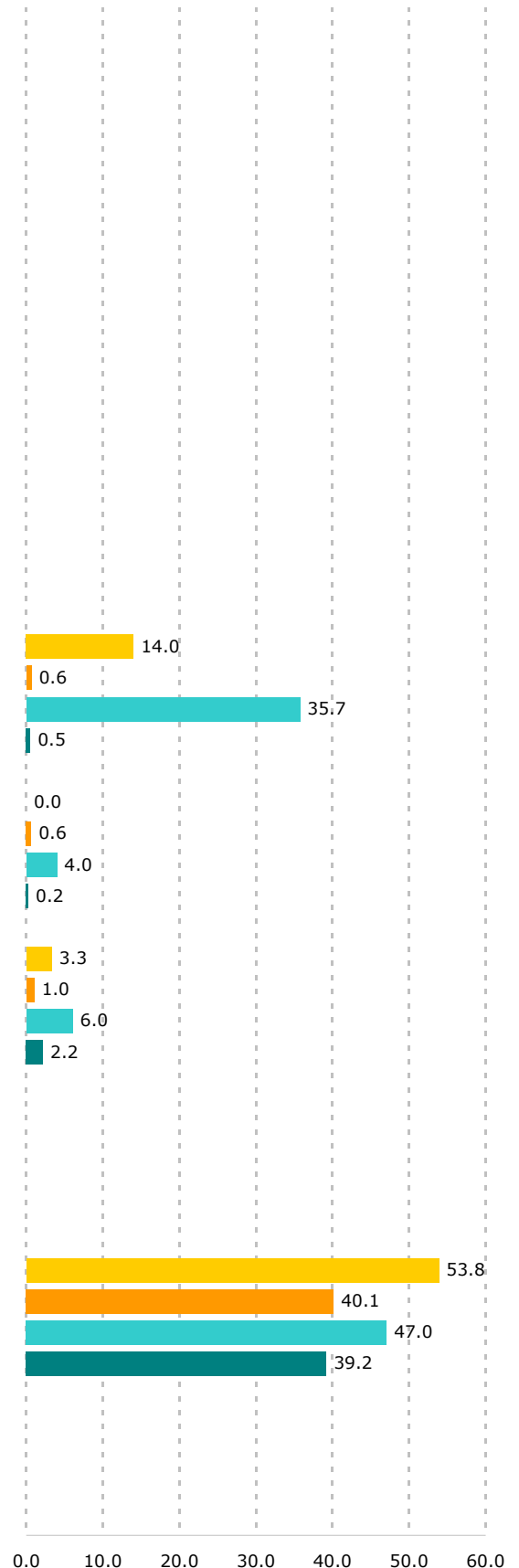
Discharge Against Medical Advice (Hospital ward)

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Immunisation



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Grampians Region

End of Life (Death)

Still Births

Measure: Number of stillbirths divided by the [total number of live births and stillbirths].
Data source: VPDC. All stillbirths in 2007 (extracted 14/10/09).

Neonatal Mortality

Measure: Number of neonatal deaths divided by the total number of live births.
Data source: VPDC. All live births in 2007 (extracted 14/10/09).

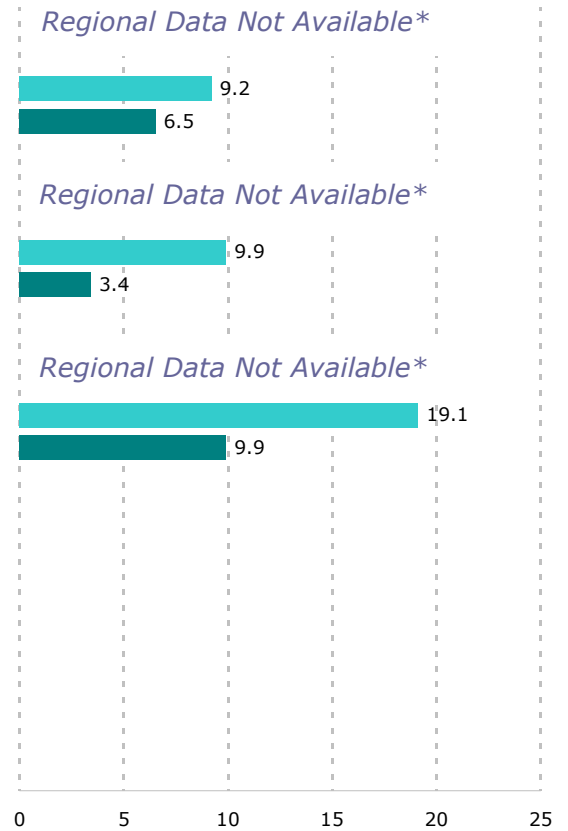
Perinatal Mortality

Measure: [Total number of stillbirths and neonatal deaths] divided by the [total number of live births and stillbirths].
Data source: VPDC. All births in 2007 (extracted 14/10/09).

All Causes Age Standardised Death Rates

Avoidable and Preventable Deaths

■ Region - ATSI ■ Statewide - ATSI
■ Region - Non-ATSI ■ Statewide - Non-ATSI



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