



Northern Territory Aboriginal Health

Key Performance Indicator Information System



Australian Government
Department of Health and Ageing



Northern
Territory
Government

Northern Territory Aboriginal Health Key Performance Indicators Information System

DATA RECEIVING PROTOCOL

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Document Approval

The document is a managed document. For identification of amendments, each page contains a release number and a page number. Changes will only be issued as complete replacement. Recipients should remove superseded versions from circulation.

This document has been reviewed by Information Division Branch peers and "Approved by" indicates endorsement for release. Prior to release all system changes have been reviewed and tested.

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Data Receiving Protocol Specification Acceptance

This document version is authorised by the NT AHKPI Steering Committee.

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Associated Documents

(These documents should be read in conjunction with this Data Receiving Protocol document).

The latest approved versions of system documents are available at: <http://www.nt.gov.au/health/ahkpi/>

| Doc | Name | File Name |
|-----|--|------------------------------------|
| 1 | NT Aboriginal Health Key Performance Indicators Definitions, (Endorsed for use by NT Aboriginal Health Forum, Final approval pending agreement to adopt OATSIH qualitative definitions for Domains Two to Four), October 2010, Version 1.3.3 | KPIdefinition.pdf |
| 2 | NORTHERN TERRITORY, ABORIGINAL HEALTH, KEY PERFORMANCE INDICATORS, (NT AHKPIs) , DATA MANAGEMENT POLICY and Data Receiving Protocol Data Security Protocol Data Access Protocol, Final Draft , August 2010, Version 2.6 | DataManagementStrategyProtocol.pdf |

Document Control

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| 1.3.2 | 2/6/2009 | Following testing - Update business rules | S5 AHKPI Data Receiving File – Business Rules | Sharon Noor | Updated and added gender (9.5 and 9.6) and numerator/denominator combination (11.4, 11.12, 11.6 to 11.19) validation |
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| | | | S7 Summary of AHKPI Data | | Moved from Data Management Strategy1.0.1 Moved from Data Management Strategy1.0.1 |
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1. Overview

The NT Aboriginal Health Key Performance Indicators System (NT AHKPI) is an initiative of the NT Aboriginal Health Forum (NTAHF) and facilitates the capture, storage and reporting of NT Aboriginal Health primary care data measurements.

This document has been prepared by the NT Department of Health & Families, Health Services Information Branch to provide direction to managers of community health data on the requirements for the delivery of data to the NT AHKPI system.

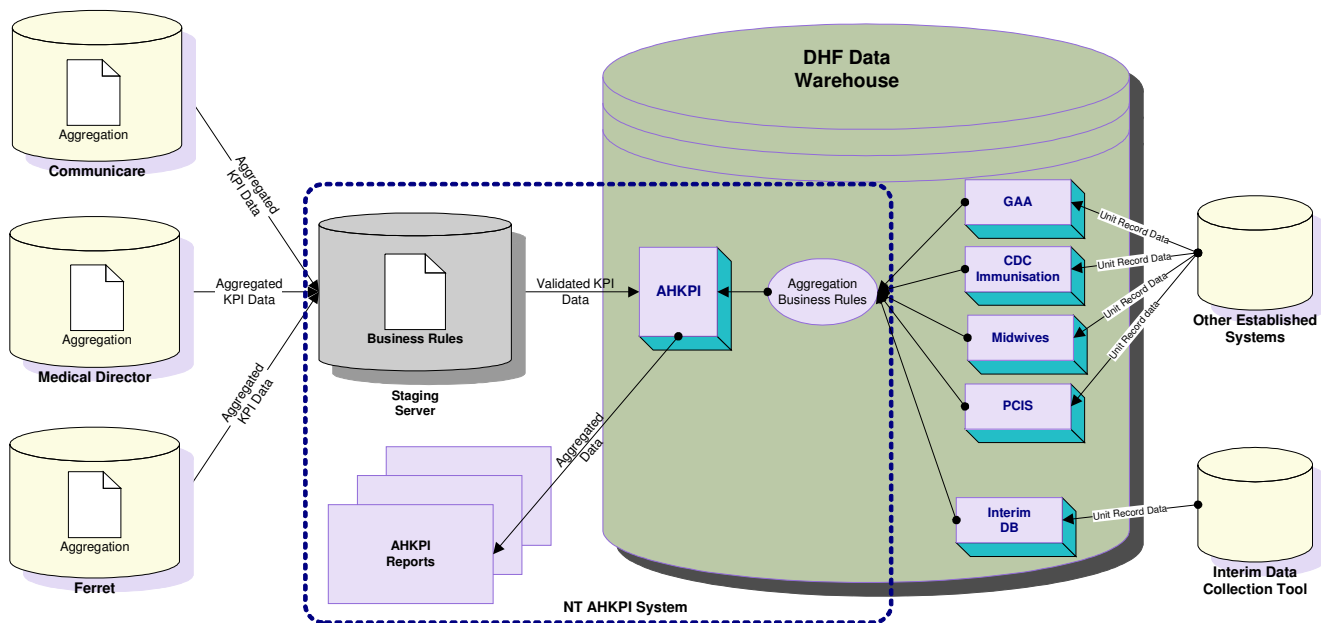
Currently a number of systems are used to collect Aboriginal primary care data. The Data Receiving Protocol provides a specification of a “Minimum Data Set” that:

- Defines the file format required for data delivery from these systems to the NT AHKPI system,

All delivery of NTAHF data to the central repository (DHF data warehouse) will be controlled under the NTAHF Data Receiving Protocol.

Development of the business rules to apply to the clients “Minimum Data Set” has been achieved through specifications compiled by the NT AHKPI Technical Working Group. The documentation of the business rules has been constructed based on the specifications derived by the NT AHKPI Technical Working Group.

NT AHKPI Dataflow - Context Diagram



2. General Rules

Data is defined by the NT AHKPI Performance Indicator Definitions documents available at: www.nt.gov.au/health.ahkpi

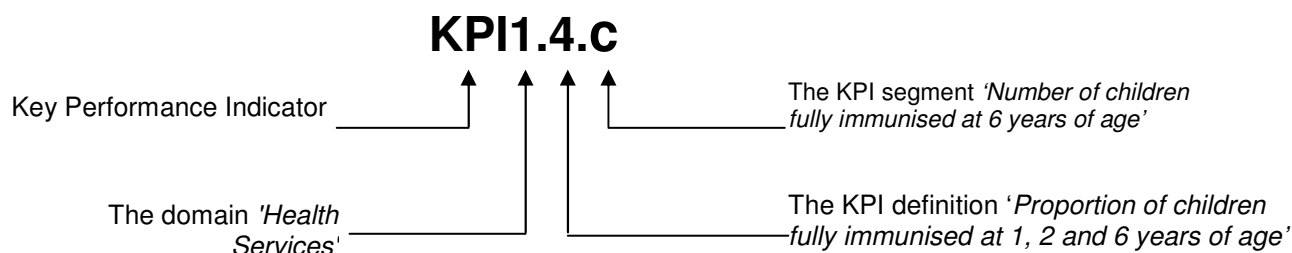
- Each Health Service will require Internet access to transfer the NT AHKPI data from the Health Service, into the DHF corporate data warehouse
- File naming convention is NT AHKPI-<location>-<date>.csv where:
 - <location> refers to an appropriate code as per code table in Section 6.2 and
 - <date> refers to 'delivery date'
- A header row is not required
- Data files submitted to the central repository should have field separators as comma separated value (.csv) files. As different software generate different types of csv file formats field values are to be defined with:
 - String and date values delimited by double quotes.
 - Number values not delimited by any quotes.
- Data sets should be transmitted to the central repository with data items ordered as in the data specification tables below.
- Data should be submitted using the appropriate codes as per attached code tables.

3. Performance Indicators Reference System and KPI Segments

A criterion in deciding on the 19 NT AHKPI's was that they provide information across the four health domains.

Most of the 19 established NT AHKPI's have sub KPI segments that are necessary as various required numerators and denominators. In this system the sub KPI's are referred to as a "**KPI segment**". Each KPI segment has several data elements including gender, age group, indigenous status, locality and reporting period. This document defines the individual KPI segments data elements.

The project KPI's referencing style is as [KPI domain.kpi.segment] e.g. KPI.1.4.c,



that are necessary as various required numerators and denominators

4. Data Receiving File Format

| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 | Column 6 | Column 7 | Column 8 | Column 9 | Column 10 | Column 11 |
|---|----------------|-----------------------|--------------------------|------------------------|---------------------|-------------------------|------------------------|--------------------|----------------|--------------------------|
| Domain Code | KPI Code | KPI Sub Code | Report Period Start Date | Report Period End Date | Health Service Code | Residential Status Code | Indigenous Status Code | Gender Status Code | Age Group Code | Value |
| Description and Format of Data Elements (To determine which codes to use, refer to the Code Tables for a full description of the valid codes available.) | | | | | | | | | | |
| KPI Domain | KPI Definition | KPI Indicator Segment | Start of Survey Period | End of Survey Period | Health Service | Residential Status | Indigenous Group | Gender Group | Age Group | Numerator or Denominator |
| Numeric | Numeric | Char | Date (dd/mm/yyyy) | Date (dd/mm/yyyy) | Numeric | Numeric | Numeric | Numeric | Numeric | Numeric |
| File Format Example | | | | | | | | | | |
| 1 | 1 | "a" | "01/07/2007" | "30/06/2008" | 10310 | 1 | 1 | 1 | 1 | 100 |
| 1 | 1 | "a" | "01/07/2007" | "30/06/2008" | 10310 | 1 | 1 | 1 | 2 | 49 |
| 1 | 1 | "a" | "01/07/2007" | "30/06/2008" | 10310 | 1 | 1 | 1 | 3 | 20 |
| 1 | 1 | "a" | "01/07/2005" | "30/06/2008" | 10310 | 1 | 1 | 1 | 5 | 12 |
| 1 | 1 | "a" | "01/07/2005" | "30/06/2008" | 10310 | 1 | 1 | 1 | 7 | 55 |
| 1 | 1 | "a" | "01/07/2005" | "30/06/2008" | 10310 | 1 | 1 | 2 | 1 | 26 |
| 1 | 1 | "a" | "01/07/2005" | "30/06/2008" | 10310 | 1 | 1 | 2 | 2 | 11 |
| 1 | 1 | "a" | "01/07/2005" | "30/06/2008" | 10310 | 1 | 1 | 2 | 3 | 45 |
| 1 | 1 | "a" | "01/07/2005" | "30/06/2008" | 10310 | 1 | 1 | 2 | 5 | 16 |
| 1 | 1 | "a" | "01/07/2005" | "30/06/2008" | 10310 | 1 | 1 | 2 | 7 | 2 |
| 1 | 1 | "a" | "01/07/2005" | "30/06/2008" | 10310 | 1 | 2 | 1 | 1 | 3 |
| 1 | 1 | "a" | "01/07/2005" | "30/06/2008" | 10310 | 1 | 2 | 1 | 2 | 9 |
| 1 | 1 | "a" | "01/07/2005" | "30/06/2008" | 10310 | 1 | 2 | 1 | 3 | 8 |
| 1 | 1 | "a" | "01/01/2007" | "31/12/2007" | 10310 | 1 | 2 | 1 | 5 | 16 |
| 1 | 1 | "a" | "01/01/2007" | "31/12/2007" | 10310 | 1 | 2 | 1 | 7 | 8 |
| 1 | 1 | "a" | "01/01/2007" | "31/12/2007" | 10310 | 1 | 2 | 2 | 1 | 9 |
| 1 | 1 | "a" | "01/01/2007" | "31/12/2007" | 10310 | 1 | 2 | 2 | 2 | 3 |
| 1 | 1 | "a" | "01/01/2007" | "31/12/2007" | 10310 | 1 | 2 | 2 | 3 | 30 |
| 1 | 1 | "a" | "01/01/2007" | "31/12/2007" | 10310 | 1 | 2 | 2 | 5 | 24 |
| 1 | 1 | "a" | "01/01/2007" | "31/12/2007" | 10310 | 1 | 2 | 2 | 7 | 3 |
| 1 | 1 | "b" | "01/01/2007" | "31/12/2007" | 10310 | | | | | 400 |
| 1 | 2 | "a" | "01/01/2007" | "31/12/2007" | 10310 | 1 | 1 | 2 | 8 | 36 |
| 1 | 2 | "a" | "01/01/2007" | "31/12/2007" | 10310 | 1 | 1 | 2 | 9 | 19 |

5. AHKPI Data Receiving File – Business Rules

| Column No | Rule No | Business Rules Description |
|------------------------|---------|--|
| Domain | 1.1 | Valid [Domain] values are “1,2,3,4” and are mandatory for each record |
| KPI | 2.1 | Valid [KPI] values are mandatory for each record. |
| | 2.2 | If [Domain] is 1 then valid [KPI] values are 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 |
| | 2.3 | If [Domain] is 2 then valid [KPI] values are 13, 14, 15, 16. |
| | 2.4 | If [Domain] is 3 then a valid [KPI] value is 17 |
| | 2.5 | If [Domain] is 4 then valid [KPI] values are 18, 19. |
| Segment | 3.1 | Valid [Segment] values are mandatory for each record. |
| | 3.2 | If [KPI] InList(1,8,12) then valid [Segment] values are ‘a, b’ |
| | 3.3 | If [KPI] InList(5, 6, 10) then valid [Segment] values are ‘a, b, c’. |
| | 3.4 | If [KPI] InList(3, 9) then valid [Segment] values are ‘a, b, c, d’ |
| | 3.5 | If [KPI] InList(11) then valid [Segment] values are ‘a, b, c, d, e’. |
| | 3.6 | If [KPI] InList(2, 4) then valid [Segment] values are ‘a, b, c, d, e, f’. |
| | 3.7 | If [KPI] InList(7) then valid [Segment] values are ‘a, b, c, d, e, f, g, h, i, j, k, l, m, n, o’. |
| Start Date | 4.1 | A valid [Start Date] is mandatory for each row in the dataset. |
| | 4.2 | Format is dd/mm/yyyy |
| | 4.3 | If [KPI] InList(1, 2, 3, 4, 5, 6, 7, 9, 10, 11) then valid [Start Dates] are the commencement dates of the financial/calendar year of the current reporting period e.g. “01/07/2007” is the [Start Date] for financial year reporting period ending 2007/08. |
| | 4.4 | If [KPI] is 8 then a valid [Start Date] is the commencement dates of the previous six months from the End Date”. That is “01/01/yyyy” or “01/07/yyyy” e.g. “01/01/2008” is the [Start Date] for the financial year reporting period ending 30/6/2008 for 2007/08 financial year. |
| | 4.5 | If [KPI] is 12 then a valid [Start Date] is the commencement dates of the previous two years from the End Date. e.g. “01/07/2006” is the [Start Date] for the financial year reporting period ending 2007/08. |
| End Date | 5.1 | A valid [Report Period End Date] is mandatory for each row in the dataset. |
| | 5.2 | Format is dd/mm/yyyy |
| | 5.3 | If [KPI] InList(1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12) then a valid [End Date] is the closing date of the financial/calendar year of the current reporting period e.g. “30/06/2008” is the [End Date] for financial year reporting period ending 2007/08. |
| | 5.4 | If [KPI] is 8 then a valid [End Date] is the closing date of the last six months of the reporting period. That is “30/06/yyyy” or “31/12/yyyy” e.g. “30/06/2008” is the [End Date] for reporting period ending 30/6/2008 for 2007/08 financial year. |
| Health Service | 6.1 | Valid [Health Service] codes are listed in Code Table section and are mandatory for each record and are unique to each Health Service. |
| Resident Status | 7.1 | Valid [Residential Status] codes are listed in the Code Table section. |
| | 7.2 | If [KPI] is 1 AND [Segment] is a then valid [Residential Status] codes are 1, 2 |
| | 7.3 | If [KPI] is 1 AND [Segment] is b then [Residential Status] codes are not required and nulls are mandatory. |
| | 7.4 | If [KPI] InList(2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12) then a valid [Residential Status] value is 1. |
| Ind Status | 8.1 | Valid [Indigenous Status] codes are listed in the Code Table section. |
| | 8.2 | If [KPI] is 1 AND [Segment] is a then valid [Indigenous Status] codes are 1, 2, 3, 4, 9 |
| | 8.3 | If [KPI] is 1 AND [Segment] is b then [Indigenous Status] codes are not required and nulls are mandatory. |
| | 8.4 | If [KPI] InList(4, 7, 10, 11) then valid [Indigenous Status] codes are 1, 2, 3 |
| | 8.5 | If [KPI] InList(2, 3, 5, 6, 8, 9, 12) then valid [Indigenous Status] codes are 1, 2, 3, 4, 9 |
| Sex | 9.1 | Valid [Gender] codes are listed in the Code Table section. |
| | 9.2 | If [KPI] is 1 AND [Segment] is a then valid [Sex] codes are 1, 2, 3, 9 |
| | 9.3 | If [KPI] is 1 AND [Segment] is b then [Sex] codes are not required and nulls are mandatory. |
| | 9.4 | If [KPI] InList(7, 8, 9, 10, 11) then valid [Sex] code are 1, 2, 3, 9 |
| | 9.5 | If KPI InList(3, 4, 5, 6) then [Sex] codes are not required and nulls are mandatory. |

| Column No | Rule No | Business Rules Description | |
|-----------|---------|--|---|
| | 9.6 | If KPI InList(2, 12) then a valid [Sex] code is 2. (redundant as female data only) | |
| Age Group | 10.1 | Valid [Age Group] codes are listed in the Code Table section. | |
| | 10.2 | If [KPI] is 1 AND [Segment] is a then valid [Age Group] codes are 2, 3, 5, 7, 11, 12. | |
| | 10.3 | If [KPI] is 1 AND [Segment] is b then [Age Group] codes are not required and nulls are allowed. | |
| | 10.4 | If [KPI] InList(2, 3) then valid [Age Group] codes are 8, 9, 10. | |
| | 10.5 | If [KPI] is 4 then valid [Age Group] codes are 11, 12, 13 (covered by 10.9) | |
| | 10.6 | If [KPI] InList(7, 8, 9) then valid [Age Group] codes are 2, 3, 5, 7. | |
| | 10.7 | If [KPI] is 10 then valid [Age Group] codes are 2, 3, 4. | |
| | 10.8 | If [KPI] is 11 then valid [Age Group] codes are 6, 7 | |
| | 10.9 | If [KPI] InList(4, 5, 6) then [Age Group] codes are not required and nulls are mandatory. | |
| | | 10.10 | If [KPI] is 12 then valid [Age Group] codes are 9,13,14 |
| Value | 11.1 | This is the Numerator or Denominator value. | |
| | 11.2 | A numerator or denominator value is mandatory for each record. | |
| | 11.3 | If [KPI] is 1 then numerators ONLY are required | |
| | 11.4 | For all other [KPI] and [Segment] values, each numerator supplied must have a corresponding denominator and the value of the numerator must be less than or equal to the denominator | |
| | 11.5 | If [KPI] is 2 and numerator [Segment] InList (a, b, c, d, e) then a corresponding denominator [Segment] f must exist for this KPI. | |
| | 11.6 | If [KPI] is 2 and [Segment] is b then a corresponding [Segment] e must exist for this KPI(covered by 11.5) | |
| | 11.7 | If [KPI] is 2 and [Segment] is c then a corresponding [Segment] f must exist for this KPI(covered by 11.5) | |
| | 11.8 | If [KPI] is 3 and numerator [Segment] InList (a, b, c) then a corresponding denominator [Segment] d must exist for this KPI | |
| | 11.9 | If [KPI] is 4 and numerator [Segment] is a then a corresponding denominator [Segment] d must exist for this KPI | |
| | 11.10 | If [KPI] is 4 and numerator [Segment] is b then a corresponding denominator [Segment] e must exist for this KPI. | |
| | 11.11 | If [KPI] is 4 and numerator [Segment] is c then a corresponding denominator [Segment] f must exist for this KPI. | |
| | 11.12 | If [KPI] is 5 and numerator [Segment] is a then a corresponding numerator/denominator [Segment] b and denominator [Segment] c must exist for this KPI. | |
| | 11.13 | If [KPI] is 6 and numerator [Segment] is a then a corresponding numerator/denominator [Segment] b and denominator [Segment] c must exist for this KPI. | |
| | 11.14 | If [KPI] is 7 and numerator [Segment] InList(a, d, g, j) then a corresponding denominator [Segment] m must exist for this KPI. | |
| | 11.15 | If [KPI] is 7 and numerator [Segment] InList(b, e, h, k) then a corresponding denominator [Segment] n must exist for this KPI. | |
| | 11.16 | If [KPI] is 7 and numerator [Segment] InList(c, f, i, l) then a corresponding denominator [Segment] o must exist for this KPI. | |
| | | 11.17 | If [KPI] is 9 and numerator [Segment] InList (a, b, c) then a corresponding denominator [Segment] d must exist for this KPI |
| | | 11.18 | If [KPI] is 10 and numerator [Segment] InList (a, b) then a corresponding denominator [Segment] c must exist for this KPI |
| | | 11.19 | If [KPI] is 11 and numerator [Segment] InList (a, b, c, d) then a corresponding denominator [Segment] e must exist for this KPI |

6. Code Tables

6.1 Age Group Codes

| KPI Code | Age Group Code | Age Group Description |
|---|----------------|-------------------------------|
| 1a | 11 | 0 to less than 5 years |
| 1a | 12 | 5 years to less than 15 years |
| <i>1a (redundant, kept for historical purposes)</i> | 1 | <i>Less than 15 years.</i> |
| 1a, 7, 8, 9, 10 | 2 | 15 to less than 25 years. |
| 1a, 7, 8, 9, 10 | 3 | 25 to less than 45 years. |
| 10 | 4 | 45 to less than 55 years. |
| 1a, 7, 8, 9 | 5 | 45 to less than 65 years. |
| 11 | 6 | 55 to less than 65 years. |
| 1a, 7, 8, 9, 11 | 7 | 65 years and over. |
| 2, 3 | 8 | Less than 20 years. |
| 2, 3,12 | 9 | 20 to less than 35 years. |
| 2, 3 | 10 | 35 years and over. |
| 12 | 13 | 35-49 years |
| 12 | 14 | 50-69 years |

6.2 Health Service Codes

| Health Service Code | Health Service Name |
|---------------------|--------------------------------|
| 13720 | Adelaide River |
| 15352 | Alcoota (Engawala) |
| 10310 | Ali Curung |
| 11460 | Alice Springs Urban (CAAC) |
| 11066 | Alyangula |
| 10049 | Amoonguna |
| 10146 | Ampilatwatja |
| 10053 | Angurugu |
| 15131 | Aputula (Finke) |
| 10057 | Areyonga (Utju) |
| 10878 | Ludmilla (Bagot) |
| 10067 | Barunga |
| 11466 | Batchelor |
| 10371 | Belyuen |
| 10003 | Beswick (Wugularr) |
| 40093 | Bickerton Island (Milyakburra) |
| 10543 | Binjari |
| 15338 | Bonya |
| 12603 | Borrooloola |
| 10009 | Bulman |
| 10317 | Canteen Creek |
| 10013 | Daly River |
| 10857 | Darwin Urban (Danila Dilba) |

| Health Service Code | Health Service Name |
|---------------------|------------------------------------|
| 15410 | Docker River (Kaltukatjara) |
| 15625 | Elliott |
| 15628 | Epennara |
| 10027 | Galiwinku (Ngalkanbuy) |
| 10499 | Gapuwiyak |
| 10510 | Gunyangara |
| 10043 | Haasts Bluff |
| 15366 | Harts Range (Atitjere) |
| 10044 | Hermannsburg (Ntaria) |
| 10181 | Imanpa |
| 10916 | Jabiru (Kakadu Health) |
| 15129 | Jilkminggan (Duck Creek) |
| | |
| 15190 | Kalkaringi |
| 11495 | Katherine Urban (Wurli Wurlinjang) |
| 16474 | Kings Canyon (Watarrka) |
| 10202 | Kintore (Pintubi) |
| 10073 | Lajamanu |
| 15602 | Lake Nash (Alpurrurulam) |
| 10215 | Laramba |
| 14961 | Laynhapuy |
| 10077 | Manningrida |
| 15130 | Manyallaluk (Eva Valley) |
| 16246 | Marthakal |
| 15528 | Maryvale (Titjikala) |
| 11313 | Mataranka |
| 10425 | Milikapiti (Snake Bay) |
| 10517 | Milingimbi |
| 10088 | Minyerri (Hodgson Downs) |
| 11543 | Minjilang (Croker Island) |
| 15475 | Mt Liebig (Amunturrngu) |
| 10247 | Mutitjulu |
| 15247 | Nganmariyanga (Palumpa) |
| 11545 | Nguiu |
| 11546 | Ngukurr (Roper River) |
| 11547 | Nhulunbuy |
| 11553 | Numbulwar |
| 15505 | Nyrippi |
| 10102 | Oenpelli (Gunbalanya) |
| 11556 | Papunya |
| 10106 | Peppimenarti |
| | |
| 10980 | Pine Creek |
| 10444 | Pirlangimpi (Garden Point), |
| 12536 | Pmara Jutunta (Six Mile Ti Tree) |
| 10110 | Ramingining |
| 12602 | Robinson River |
| 10114 | Santa Teresa (Ltyentye Arpurte) |
| 15584 | Stirling (Wilora) |
| 10351 | Tara |
| 11409 | Tennant Creek (Anyiniginyi) |
| 16056 | Timber Creek |

| Health Service Code | Health Service Name |
|---------------------|---------------------|
| 15502 | Ti Tree |
| 10116 | Umbakumba |
| 11153 | Urapuntja (Utopia). |
| 10455 | Wadeye (Port Keats) |
| 10290 | Wallace Rockhole |
| 10458 | Warruwi |
| 10121 | Willowra |
| 40097 | Woodycupildiya |
| 10131 | Yarralin |
| 10539 | Yirrkala |
| 10307 | Yuelamu |
| 10136 | Yuendumu |
| 16334 | Yulara |

6.3 Sex Codes

| Gender Code | Gender Description |
|-------------|-------------------------------------|
| 1 | Male |
| 2 | Female |
| 3 | Indeterminate |
| 9 | Not Stated / Inadequately described |

6.4 Indigenous Status Codes

| Indigenous Status Code | Indigenous Status Description |
|------------------------|--|
| 1 | Aboriginal but not Torres Strait Islander origin |
| 2 | Torres Strait Islander but not Aboriginal origin |
| 3 | Both Aboriginal and Torres Strait Islander origin |
| 4 | Neither Aboriginal nor Torres Strait Islander origin |
| 9 | Not stated/inadequately described |

6.5 Residence Indicator Codes

| Resident Code | Resident Description |
|---------------|-------------------------------------|
| 1 | Resident |
| 2 | Visitor |
| 9 | Not Stated / Inadequately described |

7. Summary of AHKPI Data Segments

| Segment | Definition | Reporting Period | Health Service | Residence status | Indigenous status | Sex | Age group |
|---------------------------|---|------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| KPI1.1.a | The number of episodes of health care between an individual client and a service, by one or more staff, to provide health care eg. sickness, injury, counseling, health education, screening etc, during reporting period. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.1.b | The number of health professionals who contact with client in an episode during the reporting period, for example, if a client saw three different professionals eg. AHW, nurse and GP in an episode, it would equal 3 client contacts. | FY | <input checked="" type="checkbox"/> | Null | Null | Null | Null |
| KPI1.2.a (numerator) | The number of women who gave birth to indigenous babies during the current reporting period and who attended their first antenatal visit before 13 weeks of pregnancy (first trimester) who are regular clients of the service. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | '2' only | <input checked="" type="checkbox"/> |
| KPI1.2.b (numerator) | The number of women who gave birth to indigenous babies during the current reporting period and who attended their first antenatal visit at 13 weeks or after but before 20 weeks of pregnancy (first half of pregnancy) who are regular clients of the service. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | '2' only | <input checked="" type="checkbox"/> |
| KPI1.2.c (numerator) | The number of women who gave birth to indigenous babies during the current reporting period and who attended their first antenatal visit at or after 20 weeks of pregnancy who are regular clients of the service. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.2.d (numerator) | The number of women who gave birth to indigenous babies during the current reporting period and who did not attend an antenatal visit who are regular clients of the service. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.2.e (numerator) | The number of women who gave birth to indigenous babies during the current reporting period and who are not recorded as to whether they have attended an antenatal visit who are regular clients of the service. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.2.f (denominator) | The number of women who gave birth to indigenous babies during the current reporting period who are regular clients of the service. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.3.a (numerator) | The number and proportion of indigenous babies who were low birth weight, born to mothers who are regular health service clients. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Null | <input checked="" type="checkbox"/> |
| KPI1.3.b (numerator) | The number and proportion of indigenous babies who were normal birth weight, born to mothers who are regular health service clients. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Null | <input checked="" type="checkbox"/> |
| KPI1.3.c (numerator) | The number of indigenous babies who were high birth weight, born to mothers who are regular health service clients. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Null | <input checked="" type="checkbox"/> |
| KPI1.3.d (denominator) | Number of indigenous babies live born to mothers who are regular health service clients. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Null | <input checked="" type="checkbox"/> |

| Segment | Definition | Reporting Period | Health Service | Residence status | Indigenous status | Sex | Age group |
|---|--|------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| KPI1.4.a (numerator) | The number of indigenous children who are regular clients and who are fully immunised to 6 months according to the National Reporting Standard and who are 6 months to less than 1 year. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Null | Null |
| KPI1.4.b (numerator) | The number of indigenous children who are regular clients and who are fully immunised according to the National Reporting Standard and who are 1 year to less than 2 years. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Null | Null |
| KPI1.4.c (numerator) | The number of indigenous children who are regular clients and who are fully immunised according to the National Reporting Standard and who are 2 years to less than 6 years. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Null | Null |
| KPI1.4.d (denominator) | The number of indigenous children who are regular clients and who are 6 months to less than 1 year. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Null | Null |
| KPI1.4.e (denominator) | The number of indigenous children who are regular clients and who are 1 year to less than 2 years. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Null | Null |
| KPI1.4.f (denominator) | The number of indigenous children who are regular clients and who are 2 years to less than 6 years. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Null | Null |
| KPI1.5.a (numerator) | The number of children who are less than 5 years of age and are less than -2 standard deviations away from the mean weight for age during reporting period among health clinics regular practice population | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Null | Null |
| KPI1.5.b (numerator/ denominator) | The number of children who are less than 5 years of age and are measured for weight during reporting period among health clinics regular practice population. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Null | Null |
| KPI1.5.c (denominator) | The number of children who are less than 5 years of age during reporting period among health clinics regular practice population | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Null | Null |
| KPI1.6.a (numerator) | The number of children ≥ 6 months and < 5 years of age whose haemoglobin level is less than 110 g/L during reporting period among health clinics regular practice population | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Null | Null |
| KPI1.6.b (numerator/ denominator) | The number of children ≥ 6 months and < 5 years of age who are measured for anaemia during reporting period among health clinics regular practice population. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Null | Null |
| KPI1.6.c (denominator) | The number of children ≥ 6 months and < 5 years of age during reporting period among health clinics regular practice population. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Null | Null |
| KPI1.7.a (numerator) | The number of Indigenous regular clients who are residents aged 15 years and over who have been diagnosed with: Type II Diabetes and who have a current MBS item 721 – General Practitioner Management Plan (GPMP). | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

| Segment | Definition | Reporting Period | Health Service | Residence status | Indigenous status | Sex | Age group |
|-------------------------|---|------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| KPI1.7.b (numerator) | The number of Indigenous regular clients who are residents aged 15 years and over who have been diagnosed with Coronary Heart Disease and who have a current MBS item 721 - GPMP. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.7.c (numerator) | The number of Indigenous regular clients who are residents aged 15 years and over who have been diagnosed with Type II Diabetes and Coronary Heart Disease and who have a current MBS item 721 - GPMP. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.7.d (numerator) | The number of Indigenous regular clients who are residents who are aged 15 years and over who have been diagnosed with Type II Diabetes and who have an alternative Chronic Disease Management Plan in the form of a GPMP that cannot be claimed that includes the items in the clinical guidelines and protocols for developing an alternative GPMP. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.7.e (numerator) | The number of Indigenous regular clients who are residents who are aged 15 years and over who have been diagnosed with Coronary Heart Disease and who have an alternative Chronic Disease Management Plan in the form of a GPMP that cannot be claimed that includes the items in the clinical guidelines and protocols for developing an alternative GPMP. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.7.f (numerator) | The number of Indigenous regular clients who are residents who are aged 15 years and over who have been diagnosed with Type II Diabetes and Coronary Heart Disease and who have an alternative Chronic Disease Management Plan in the form of a GPMP that cannot be claimed that includes the items in the clinical guidelines and protocols for developing an alternative GPMP. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.7.g (numerator) | The number of Indigenous regular clients who are resident who are aged 15 years and over and who have been diagnosed with Type II Diabetes and who have a current MBS item 723 – Team Care Arrangements TCA. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.7.h (numerator) | The number of Indigenous regular clients who are resident who are aged 15 years and over and who have been diagnosed with Coronary Heart Disease and who have a current MBS item 723 - TCA. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.7.i (numerator) | The number of Indigenous regular clients who are resident who are aged 15 years and over and who have been diagnosed with Type II Diabetes and Coronary Heart Disease and who have a current MBS item 723 - TCA. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.7.j (numerator) | The number of Indigenous regular clients who are residents who are aged 15 years and over who have been diagnosed with Type II Diabetes who have an alternative GPMP (or equivalent) in the form of a TCA that cannot be claimed that includes the items in the clinical guidelines and protocols for developing an alternative TCA. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.7.k | The number of Indigenous regular clients who are residents who are aged 15 years and over who have been diagnosed with Coronary Heart Disease who have an alternative | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

| Segment | Definition | Reporting Period | Health Service | Residence status | Indigenous status | Sex | Age group |
|--|---|-----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| (numerator) | chronic disease management plan in the form of a TCA that cannot be claimed that includes the items in the clinical guidelines and protocols for developing an alternative TCA. | | | | | | |
| KPI1.7.l (numerator) | The number of Indigenous regular clients who are residents who are aged 15 years and over who have been diagnosed with Type II Diabetes and Coronary Heart Disease who have an alternative chronic disease management plan in the form of a TCA that cannot be claimed that includes the items in the clinical guidelines and protocols for developing an alternative TCA. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.7.m (denominator) | The number of Indigenous regular clients who are residents who are aged 15 years and over and who have been diagnosed with Type II diabetes | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.7.n (denominator) | The number of Indigenous regular clients who are residents who are aged 15 years and over and who have been diagnosed Coronary Heart disease . | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.7.o (denominator) | The number of Indigenous regular clients who are residents who are aged 15 years and over and who have been diagnosed Type II Diabetes and Coronary Heart disease. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.8.a (numerator) | The number of Indigenous and non Indigenous regular clients who are residents who are aged 15 years and over who have been diagnosed with Type II Diabetes and who have had an HbA1c test in the last 6 months among health clinics regular practice population. | Last 6 Months of Reporting Period | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.8.b (denominator) | The number of Indigenous and non Indigenous clients who are residents who are aged 15 years and over and who have been diagnosed with Type II Diabetes among health clinics regular practice population | Last 6 Months of Reporting Period | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.9.a (numerator) | The number of Indigenous clients who are residents, who are 15 years old and over, who have been diagnosed with Type II diabetes with albuminuria who are on an ACE inhibitor during reporting period | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.9.b (numerator) | The number of Indigenous clients who are residents, who are 15 years old and over, who have been diagnosed with Type II diabetes with albuminuria who are on an ARB during reporting period | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.9.c (denominator) (numerator) | The number of Indigenous clients who are residents, who are 15 years old and over, who have been diagnosed with Type II diabetes with albuminuria and who are on both ACE inhibitor and ARB during reporting period. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.9.d (denominator) | The number of resident clients who are 15 years old and over, who have been diagnosed with Type II diabetes with albuminuria during reporting period. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.10.a | The number of Indigenous clients who are residents, who are 15 years old and less than | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

| Segment | Definition | Reporting Period | Health Service | Residence status | Indigenous status | Sex | Age group |
|----------------------------|--|------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| (numerator) | 55 years old, who have a current complete MBS item 710 Indigenous adult health during reporting period | | | | | | |
| KPI1.10.b (numerator) | The number of Indigenous clients who are residents, who are 15 years old and less than 55 years old, who have an alternative Indigenous adult health check similar to MBS item 710 during reporting period. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.10.c (denominator) | The number of Indigenous resident clients who are 15 years old and less than 55 years old. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.11.a (numerator) | The number of Indigenous clients who are residents, who are 55 years old and over, who have a current complete MBS item 704 Indigenous adult health during reporting period | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.11.b (numerator) | The number of Indigenous clients who are residents, who are 55 years old and over, who have a current complete MBS item 706 Indigenous adult health during reporting period. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.11.c (numerator) | The number of Indigenous clients who are residents, who are 55 years old and over, who have an alternative Indigenous adult health check similar to MBS item 704 during reporting period. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.11.d (numerator) | The number of Indigenous clients who are residents, who are 55 years old and over, who have an alternative Indigenous adult health check similar to MBS item 706 during reporting period. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.11.e (denominator) | The number of Indigenous resident clients who are 55 years old and over. | FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| KPI1.12.a (numerator) | The number of resident women aged 18-70 years who have had a PAP smear test in the last two financial years among health clinics regular practice population | 2FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | '2' only | <input checked="" type="checkbox"/> |
| KPI1.12.b (denominator) | The number of resident women aged 18-70 years in the last two financial years among health clinics regular practice population | 2FY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | '2' only | <input checked="" type="checkbox"/> |

8. Abbreviations

| | |
|-------|---|
| ACE | Angiotension-converting enzyme |
| AHF | Aboriginal Health Forum |
| AHKPI | Aboriginal Health Key Performance Indicator |
| ARB | Angiotension Receptor Blocker |
| ATSI | Aboriginal & Torres Strait Islander |
| DHF | Department Health & Families |
| EPC | Enhanced Primary Care |
| GPMP | General Practitioner Management Plan |
| MBS | Medicare Benefit Schedule |
| NGO | Non Government Organisation |
| PCD | Preventable Chronic Disease |
| TCA | Team Care Arrangements |