

# National Healthcare Agreement: PI 17–Treatment rates for mental illness, 2022

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# National Healthcare Agreement: PI 17–Treatment rates for mental illness, 2022

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Progress measure
<b>Short name:</b>	PI 17–Treatment rates for mental illness, 2022
<b>METEOR identifier:</b>	740862
<b>Registration status:</b>	<a href="#">Health</a> , Standard 24/09/2021
<b>Description:</b>	Proportion of population receiving clinical mental health services.
<b>Indicator set:</b>	<a href="#">National Healthcare Agreement (2022)</a> <a href="#">Health</a> , Standard 24/09/2021
<b>Outcome area:</b>	<a href="#">Primary and Community Health</a> <a href="#">Health</a> , Standard 07/07/2010

## Collection and usage attributes

<b>Computation description:</b>	<p>The number of people receiving clinical mental health care expressed as a rate, which is directly age-standardised to the 2001 Australian population.</p> <p>Age group is calculated from age at first service event during the reference period, or as at 1 July of the reference period where a service event (hospital admission or residential episode) commenced prior to 1 July.</p> <p>Remoteness is derived from Statistical Area Level 2 (SA2) (or postcode where SA2 is not available) of the client at first service event, consistent with derived age, and is proportionally allocated using a population-based concordance.</p> <p>Socio-Economic Indexes for Areas (SEIFA) is derived from SA2 (or postcode where SA2 is not available) of the client at first service event and is proportionally allocated using a population-based concordance.</p> <p>For remoteness and SEIFA, if a null result is returned from the first event, the next valid result is to be used. That is, if a valid SA2 (or postcode where SA2 is not available) is not obtained from the client's first service event, then this information will be obtained from the next possible service event.</p> <p>Indigenous status is the Indigenous status of the client recorded at the first service event.</p> <p>The client's first service event is the first time that a client receives a service during the reporting period, or as at 1 July of the reference period where a service event (hospital admission or residential episode) commenced prior to 1 July of the reference period.</p>
<b>Public:</b>	<p>Number of individuals recorded on jurisdictional mental health information systems as receiving 1 or more services from state/territory public mental health services, including specialised mental health hospital services, residential mental health care services and community mental health care services.</p> <p>Person counts should be confined to individuals who received 1 or more services from state or territory specialised mental health services. Jurisdictional systems should be used, where available, to remove duplicate person counts between the different specialised mental health service settings.</p> <p>For community mental health care service contacts, all types of service contacts are to be included in defining whether a person receives a service, including those delivered 'on behalf' of the consumer, that is, where the consumer does not directly</p>

participate.

'Assessment only' cases are included.

Community mental health care data for non-uniquely identifiable clients are to be excluded.

State and territory disaggregation of mental health care data is based on the jurisdiction that provided the health care service.

Consumers receiving care from services outside their state/territory of usual residence are in-scope for reporting.

#### **Private:**

Number of individuals receiving specialist psychiatric care in private hospitals with psychiatric beds. Services provided to patients with psychiatric diagnoses by other private hospitals (that is, those without designated psychiatric beds) are not included.

State and territory disaggregation of Private Mental Health Alliance data is based on location of service.

#### **Medicare Benefits Schedule (MBS):**

Inclusive of all mental-health related MBS items and includes some ambulatory-equivalent admitted patient mental health service contacts.

Consultant psychiatrist services include MBS items: 134, 136, 138, 140, 142, 144, 146, 148, 150, 152, 153, 154, 155, 156, 157, 158, 159, 288, 289, 291, 293, 296, 297, 299, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 319, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 342, 344, 346, 348, 350, 352, 353, 355, 356, 357, 358, 359, 361, 364, 366, 367, 369, 370, 855, 857, 858, 861, 864, 866, 14224, 90260, 90262, 90266, 90268, 91827, 91828, 91829, 91830, 91831, 91837, 91838, 91839, 91840, 91841, 92162, 92166, 92172, 92178, 92434, 92435, 92436, 92437, 92455, 92456, 92457, 92458, 92459, 92460, 92474, 92475, 92476, 92477, 92495, 92496, 92497, 92498, 92499, 92500.

GP and other services include MBS items: 170, 171, 172, 221, 222, 223, 272, 276, 277, 279, 281, 282, 283, 285, 286, 287, 371, 372, 894, 896, 898, 996, 997, 998, 2121, 2150, 2196, 2574, 2575, 2577, 2578, 2700, 2701, 2702, 2704, 2705, 2707, 2708, 2710, 2712, 2713, 2715, 2717, 2719, 2721, 2723, 2725, 2727, 2729, 2731, 20104, 90250, 90251, 90252, 90253, 90254, 90255, 90256, 90257, 90261, 90263, 90264, 90265, 90267, 90269, 90271, 90272, 90273, 90274, 90275, 90276, 90277, 90278, 90279, 90280, 90281, 90282, 91283, 91285, 91286, 91287, 91371, 91372, 91721, 91723, 91725, 91727, 91729, 91731, 91818, 91819, 91820, 91821, 91842, 91843, 91844, 91845, 92112, 92113, 92114, 92115, 92116, 92117, 92118, 92119, 92120, 92121, 92122, 92123, 92124, 92125, 92126, 92127, 92128, 92129, 92130, 92131, 92132, 92133, 92134, 92135, 92146, 92147, 92148, 92149, 92150, 92151, 92152, 92153, 92154, 92155, 92156, 92157, 92158, 92159, 92160, 92161, 92163, 92167, 92170, 92171, 92173, 92176, 92177, 92179, 92182, 92184, 92186, 92188, 92194, 92196, 92198, 92200.

Clinical psychologist services include MBS items: 80000, 80001, 80005, 80010, 80011, 80015, 80020, 80021, 82352, 82353, 82354, 82355, 82356, 82357, 82358, 82359, 91000, 91001, 91005, 91010, 91011, 91015, 91166, 91167, 91181, 91182, 93076, 93079, 93110, 93113.

Other allied health services include MBS items: 10956, 10968, 80100, 80101, 80105, 80110, 80111, 80115, 80120, 80121, 80125, 80126, 80130, 80135, 80136, 80140, 80145, 80146, 80150, 80151, 80155, 80160, 80161, 80165, 80170, 80171, 81325, 81355, 82000, 82015, 82350, 82351, 82360, 82361, 82362, 82363, 82364, 82365, 82366, 82367, 82368, 82369, 82370, 82371, 82372, 82373, 82374, 82375, 82376, 82377, 82378, 82379, 82380, 82381, 82382, 82383, 91100, 91101, 91105, 91110, 91111, 91115, 91125, 91126, 91130, 91135, 91136, 91140, 91150, 91151, 91155, 91160, 91161, 91165, 91169, 91170, 91172, 91173, 91175, 91176, 91183, 91184, 91185, 91186, 91187, 91188, 93032, 93035, 93040, 93043, 93074, 93084, 93087, 93092, 93095, 93100, 93103, 93108, 93118, 93121, 93126, 93129, 93134, 93137.

Medicare Benefits Scheme data presented by Indigenous status are adjusted for under-identification in the Medicare Australia Voluntary Indigenous Identifier (VII) database. Indigenous status is the Indigenous status of the client recorded as at June of the latest reference period.

State and territory, remoteness and SEIFA disaggregation of MBS data is based on postcode of residence of the person as recorded in Medicare Australia's database at the date the last service was received in the reference period.

For MBS data age group is calculated from age at last service event.

### **Department of Veterans' Affairs (DVA):**

Inclusive of all mental-health related MBS items and additional DVA items and includes some ambulatory-equivalent admitted patient mental health service contacts.

Consultant psychiatrist services include MBS items: 134, 136, 138, 140, 142, 144, 146, 148, 150, 152, 153, 154, 155, 156, 157, 158, 159, 288, 289, 291, 293, 296, 297, 299, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 319, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 342, 344, 346, 348, 350, 352, 353, 355, 356, 357, 358, 359, 361, 364, 366, 367, 369, 370, 855, 857, 858, 861, 864, 866, 14224, 90260, 90262, 90266, 90268, 91827, 91828, 91829, 91830, 91831, 91837, 91838, 91839, 91840, 91841, 92162, 92166, 92172, 92178, 92434, 92435, 92436, 92437, 92455, 92456, 92457, 92458, 92459, 92460, 92474, 92475, 92476, 92477, 92495, 92496, 92497, 92498, 92499, 92500.

GP and other services include MBS items: 170, 171, 172, 221, 222, 223, 272, 276, 277, 279, 281, 282, 283, 285, 286, 287, 371, 372, 894, 896, 898, 996, 997, 998, 2121, 2150, 2196, 2574, 2575, 2577, 2578, 2700, 2701, 2702, 2704, 2705, 2707, 2708, 2710, 2712, 2713, 2715, 2717, 2719, 2721, 2723, 2725, 2727, 2729, 2731, 20104, 90250, 90251, 90252, 90253, 90254, 90255, 90256, 90257, 90261, 90263, 90264, 90265, 90267, 90269, 90271, 90272, 90273, 90274, 90275, 90276, 90277, 90278, 90279, 90280, 90281, 90282, 91283, 91285, 91286, 91287, 91371, 91372, 91721, 91723, 91725, 91727, 91729, 91731, 91818, 91819, 91820, 91821, 91842, 91843, 91844, 91845, 92112, 92113, 92114, 92115, 92116, 92117, 92118, 92119, 92120, 92121, 92122, 92123, 92124, 92125, 92126, 92127, 92128, 92129, 92130, 92131, 92132, 92133, 92134, 92135, 92146, 92147, 92148, 92149, 92150, 92151, 92152, 92153, 92154, 92155, 92156, 92157, 92158, 92159, 92160, 92161, 92163, 92167, 92170, 92171, 92173, 92176, 92177, 92179, 92182, 92184, 92186, 92188, 92194, 92196, 92198, 92200.

Clinical psychologist services include MBS items: 80000, 80001, 80005, 80010, 80011, 80015, 80020, 80021, 82352, 82353, 82354, 82355, 82356, 82357, 82358, 82359, 91000, 91001, 91005, 91010, 91011, 91015, 91166, 91167, 91181, 91182, 93076, 93079, 93110, 93113 and DVA items US01, US02, US03, US04, US05, US06, US07, US08, US09, US10, US43, US44, US50, US51, US99.

Other allied health services include MBS items: 10956, 10968, 80100, 80101, 80105, 80110, 80111, 80115, 80120, 80121, 80125, 80126, 80130, 80135, 80136, 80140, 80145, 80146, 80150, 80151, 80155, 80160, 80161, 80165, 80170, 80171, 81325, 81355, 82000, 82015, 82350, 82351, 82360, 82361, 82362, 82363, 82364, 82365, 82366, 82367, 82368, 82369, 82370, 82371, 82372, 82373, 82374, 82375, 82376, 82377, 82378, 82379, 82380, 82381, 82382, 82383, 91100, 91101, 91105, 91110, 91111, 91115, 91125, 91126, 91130, 91135, 91136, 91140, 91150, 91151, 91155, 91160, 91161, 91165, 91169, 91170, 91172, 91173, 91175, 91176, 91183, 91184, 91185, 91186, 91187, 91188, 93032, 93035, 93040, 93043, 93074, 93084, 93087, 93092, 93095, 93100, 93103, 93108, 93118, 93121, 93126, 93129, 93134, 93137 and DVA items CL20, CL25, CL30, US11, US12, US13, US14, US15, US16, US17, US18, US19, US20, US21, US22, US23, US24, US25, US26, US27, US29, US30, US31, US32, US33, US34, US35, US36, US37, US39, US40, US41, US42, US45, US46, US47, US48, US52, US53, US54, US96, US97, US98.

State and territory disaggregation of DVA data is based on postcode of residence of the person as recorded by Medicare Australia at the date the last service was received in the reference period.

Presented as a percentage.

**Computation:**

Crude rate:  $100 \times (\text{Numerator} \div \text{Denominator})$

Calculated separately for public, private, and combined Medicare Benefits Scheme and DVA data.

**Numerator:**

Number of people receiving clinical mental health services

**Numerator data elements:****Data Element / Data Set****Data Element**

Person—person identifier

**Data Source**

[Department of Veterans' Affairs \(DVA\)](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set****Data Element**

Person—person identifier

**Data Source**

[State/territory community mental health care data](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set****Data Element**

Person—person identifier

**Data Source**

[State/territory admitted patient data](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set****Data Element**

Person—person identifier

**Data Source**

[State/territory residential mental health care data](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set****Data Element**

Person—person identifier

**Data Source**

[Private Psychiatric Hospitals Data Reporting and Analysis Service](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Person—government funding identifier, Medicare card number N\(11\)](#)

**Data Source**

[Medicare \(MBS\) data](#)

**Guide for use**

Data source type: Administrative by-product data

**Denominator:****Denominator data elements:**

Total population

**Data Element / Data Set****Data Element**

Person—projected Indigenous population of Australia, total people N[N(7)]

**Data Source**

[ABS Indigenous estimates and projections \(2016 Census-based\)](#)

**Guide for use**

Data source type: Census-based plus administrative by-product data

**Data Element / Data Set**

[Person—estimated resident population of Australia, total people N\[N\(7\)\]](#)

**Data Source**

[ABS Estimated resident population \(2016 Census-based\)](#)

**Guide for use**

Data source type: Census-based plus administrative by-product data

**Disaggregation:**

2019–20—Nationally, by service type, by:

- 2016 SEIFA Index of Relative Socio-economic Disadvantage (IRSD) quintiles
- remoteness (Australian Standard Geography Standard (ASGS) 2016 Remoteness Structure)
- Indigenous status (public, and Medicare Benefits Scheme data and DVA data only)
- profession type of service provider (Medicare Benefits Scheme and DVA data only).

2019–20—State and territory, by service type, by:

- 2016 SEIFA Index of Relative Socio-economic Disadvantage (IRSD) quintiles (public only)
- remoteness (ASGS 2016 Remoteness Structure)
- Indigenous status (public and Medicare Benefits Scheme data only)
- profession type of service provider (Medicare Benefits Scheme and DVA data only).

**Disaggregation data elements:****Data Element / Data Set****Data Element**

Person—age

**Data Source**

[Department of Veterans' Affairs \(DVA\)](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

**Data Element**

Establishment—Australian state/territory identifier

**Data Source**

[State/territory admitted patient data](#)

**Guide for use**

Data source type: Administrative by-product data

Used for disaggregation by state/territory

**Data Element / Data Set**

**Data Element**

Person—age

**Data Source**

[State/territory admitted patient data](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

**Data Element**

Person—area of usual residence

**Data Source**

[State/territory admitted patient data](#)

**Guide for use**

Data source type: Administrative by-product data

Used for disaggregation by remoteness and SEIFA IRSD

**Data Element / Data Set**

**Data Element**

Establishment—Australian state/territory identifier

**Data Source**

[State/territory residential mental health care data](#)

**Guide for use**

Data source type: Administrative by-product data

Used for disaggregation by state/territory

**Data Element / Data Set****Data Element**

Person—age

**Data Source**

[State/territory residential mental health care data](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set****Data Element**

Person—area of usual residence

**Data Source**

[State/territory residential mental health care data](#)

**Guide for use**

Data source type: Administrative by-product data  
Used for disaggregation by remoteness and SEIFA IRSD

**Data Element / Data Set****Data Element**

Establishment—Australian state/territory identifier

**Data Source**

[Private Psychiatric Hospitals Data Reporting and Analysis Service](#)

**Guide for use**

Data source type: Administrative by-product data  
Used for disaggregation by state/territory

**Data Element / Data Set****Data Element**

Person—age

**Data Source**

[Private Psychiatric Hospitals Data Reporting and Analysis Service](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set****Data Element**

Person—area of usual residence

**Data Source**

[Private Psychiatric Hospitals Data Reporting and Analysis Service](#)

**Guide for use**

Data source type: Administrative by-product data  
Used for disaggregation by remoteness and SEIFA IRSD



**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[Department of Veterans' Affairs \(DVA\)](#)

**Guide for use**

Data source type: Administrative by-product data  
Used for disaggregation by Indigenous status

**Data Element / Data Set****Data Element**

Person—area of usual residence

**Data Source**

[Department of Veterans' Affairs \(DVA\)](#)

**Guide for use**

Data source type: Administrative by-product data  
Used for disaggregation by state/territory, remoteness and SEIFA

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[Medicare \(MBS\) data](#)

**Guide for use**

Data source type: Administrative by-product data  
Used for disaggregation by Indigenous status

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[State/territory community mental health care data](#)

**Guide for use**

Data source type: Administrative by-product data  
Used for disaggregation by Indigenous status

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[State/territory admitted patient data](#)

**Guide for use**

Data source type: Administrative by-product data  
Used for disaggregation by Indigenous status

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[State/territory residential mental health care data](#)

**Guide for use**

Data source type: Administrative by-product data  
Used for disaggregation by Indigenous status

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[Private Psychiatric Hospitals Data Reporting and Analysis Service](#)

**Guide for use**

Data source type: Administrative by-product data  
Used for disaggregation by Indigenous status

**Data Element / Data Set****Data Element**

Profession type of service provider

**Data Source**

[Department of Veterans' Affairs \(DVA\)](#)

**Guide for use**

Data source type: Administrative by-product data  
Used for disaggregation by provider type.

Provider types:

- Psychiatrist
- Clinical psychologist
- GP
- Other allied health.

**Data Element / Data Set****Data Element**

Person (address)—Australian postcode

**Data Source**

[Medicare \(MBS\) data](#)

**Guide for use**

Data source type: Administrative by-product data  
Used for disaggregation by state/territory, remoteness and SEIFA IRSD

**Data Element / Data Set****Data Element**

Person—age

**Data Source**

[Medicare \(MBS\) data](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

**Data Element**

Profession type of service provider

**Data Source**

[Medicare \(MBS\) data](#)

**Guide for use**

Data source type: Administrative by-product data  
Used for disaggregation by provider type.

Provider types:

- Psychiatrist
- Clinical psychologist
- GP
- Other allied health.

**Data Element / Data Set**

**Data Element**

Establishment—Australian state/territory identifier

**Data Source**

[State/territory community mental health care data](#)

**Guide for use**

Data source type: Administrative by-product data  
Used for disaggregation by state/territory

**Data Element / Data Set**

**Data Element**

Person—age

**Data Source**

[State/territory community mental health care data](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

**Data Element**

Person—area of usual residence

**Data Source**

[State/territory community mental health care data](#)

**Guide for use**

Data source type: Administrative by-product data  
Used for disaggregation by remoteness and SEIFA IRSD

**Comments:** Most recent data available for 2022 National Healthcare Agreement performance reporting: 2019–20.

MBS and DVA item numbers change over time. Extracted data may include historical item numbers that are no longer current but have been processed by Medicare Australia within the reference period.

There is likely to be considerable overlap between the MBS/DVA data and the private hospital data, as most patients accessing private hospital services would access MBS items in association with the private hospital service.

## Representational attributes

**Representation class:** Percentage

**Data type:** Real

**Unit of measure:** Person

**Format:** N[NN].N

## Indicator conceptual framework

**Framework and dimensions:** [Accessibility](#)

## Data source attributes

**Data sources:**

### Data Source

[ABS Indigenous estimates and projections \(2016 Census-based\)](#)

#### Frequency

Periodic

#### Data custodian

Australian Bureau of Statistics

### Data Source

[Department of Veterans' Affairs \(DVA\)](#)

#### Frequency

Annual

#### Data custodian

Department of Veterans' Affairs (DVA)

### Data Source

[State/territory admitted patient data](#)

#### Frequency

Annual

#### Data custodian

State/territory health authorities

### Data Source

[State/territory residential mental health care data](#)

#### Frequency

Annual

<b>Data custodian</b>	State/territory health authorities
<b>Data Source</b>	<a href="#">Private Psychiatric Hospitals Data Reporting and Analysis Service</a> <b>Data custodian</b> Australian Government Department of Health
<b>Data Source</b>	<a href="#">ABS Estimated resident population (2016 Census-based)</a> <b>Frequency</b> Quarterly <b>Data custodian</b> Australian Bureau of Statistics
<b>Data Source</b>	<a href="#">Medicare (MBS) data</a> <b>Frequency</b> Annually <b>Data custodian</b> Department of Health
<b>Data Source</b>	<a href="#">State/territory community mental health care data</a> <b>Frequency</b> Annual <b>Data custodian</b> State/territory health authorities

## Accountability attributes

**Reporting requirements:** National Healthcare Agreement

**Organisation responsible for providing data:** Australian Institute of Health and Welfare

**Further data development / collection required:** Specification: Substantial work required, the measure requires significant work to be undertaken.

## Relational attributes

**Related metadata references:** Supersedes [National Healthcare Agreement: PI 17–Treatment rates for mental illness, 2021](#)  
[Health](#), Standard 16/09/2020

