

KPIs for Australian Public Mental Health Services: PI 09J – New client index, 2017

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KPIs for Australian Public Mental Health Services: PI 09J – New client index, 2017

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	MHS PI09J: New client index, 2017
METEOR identifier:	663834
Registration status:	Health! , Standard 14/06/2017
Description:	<p>Percentage of new consumers under the care of state/territory specialised mental health services.</p> <p>NOTE: This specification has been adapted from the indicator MHS PI09: New client index, 2015 (Service level version) using terminology consistent with the National Health Data Dictionary. There are no technical differences in the calculation methodologies between the Service level version and the Jurisdictional level version of this indicator.</p>
Rationale:	<p>Access to services by persons requiring care is a key issue and there is concern that the public mental health service system is inadequately responding to new people requiring care.</p> <p>Existing population treatment rates are relatively low.</p> <p>There is concern that public sector mental health services invest a disproportionate level of resources in dealing with existing clients and too little in responding to the needs of new consumers as they present.</p>
Indicator set:	<p>Key Performance Indicators for Australian Public Mental Health Services (Jurisdictional level version) (2017) Health!, Standard 14/06/2017</p>

Collection and usage attributes

Computation description: Coverage/Scope:

State/territory public specialised mental health services.

The following exclusions apply:

- Mental health clients for which a unique person identifier was not recorded, that is non-uniquely identifiable consumers, are to be excluded.

Methodology:

Reference period for 2017 performance reporting: 2015–16

- Tracking the consumer's service use back from the date of first contact in the reference period should be calculated as the five years preceding the date of first contact rather than on a calendar or financial year basis.
- Consumer counts should be unique at the state/territory level.

Requires a count of individuals receiving services provided by state/territory mental health services in the reference period. The preferred standard for reporting this data is for person counts to be based on unique enumeration of individuals receiving care within the year. That is, consumers who received services in the reference period in more than one service setting, or by more than one specialised mental health service organisation, should only be counted once. However, in developing specifications for this indicator, it has been recognised that states and territories vary significantly in the extent to which persons can be counted uniquely at the jurisdiction level, the details of which are explored in the data quality statement for this indicator.

No additional service utilisation thresholds have been set for this indicator. This approach has been taken to allow:

- 'assessment only' cases to be included (i.e. individuals receiving only one service contact) because these are regarded as a significant and valid service provided by specialist mental health services; and
- all service contacts to be included in defining whether a person receives a service, including those delivered 'on behalf' of the consumer i.e. where the consumer does not directly participate. This approach has been taken to ensure that the role of state and territory mental health services in providing back up as tertiary specialist services to other health providers is recognised.

Computation:

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

Numerator:

Number of new consumers who received services from state/territory public specialised mental health services within the reference period.

Numerator data elements:

Data Element / Data Set

Specialised mental health service—number of new consumers receiving services from specialised public mental health care services

Data Sources

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

[State/territory admitted patient data](#)

Guide for use

A new consumer is defined as a person who has not been seen in the five years preceding the first contact with a state/territory public specialised mental health service in the reference period.

Denominator:

Number of individuals recorded on jurisdictional mental health information systems as receiving one or more service events from state/territory public mental health services (including admitted patient, ambulatory and residential services) within the reference period.

Denominator data elements:

Data Element / Data Set

Specialised mental health service—number of consumers receiving services from specialised public mental health care services

Data Sources

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

[State/territory admitted patient data](#)

Guide for use

Data source type: Administrative by-product

Disaggregation:

Service variables: Nil

Consumer attributes: Age, sex, Socio-Economic Indexes for Areas (SEIFA) decile, remoteness area, Indigenous status.

Disaggregated data excludes missing or not reported data.

All disaggregated data are to be calculated as at the first service event for the reporting period, that is, any in-scope admission, residential episode or service contact, even if an ongoing event is underway at the start of the reporting period. In cases where a null value is returned, the first valid result is to be used.

Disaggregation data elements:

Data Element / Data Set

Person—age

Data Sources

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

[State/territory admitted patient data](#)

Data Element / Data Set

Person—area of usual residence, statistical area level 2 (SA2) code

Data Sources

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

[State/territory admitted patient data](#)

Guide for use

Used for disaggregation by remoteness and SEIFA

Data Element / Data Set

Person—Indigenous status

Data Sources

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

[State/territory admitted patient data](#)

Data Element / Data Set

Person—sex

Data Sources

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

[State/territory admitted patient data](#)

Representational attributes

Representation class:	Proportion
Data type:	Real
Unit of measure:	Person
Format:	N[NN].N

Framework and dimensions: [Accessible](#)

Accountability attributes

Benchmark: State/territory level

Further data development / collection required: This indicator cannot be accurately constructed using the mental health National Minimum Data Sets (NMDSs) because they do not include unique patient identifiers that allow links across data sets and financial reporting years.

There is no proxy solution available. Construction of this indicator at a national level requires separate indicator data to be provided individually by states and territories.

Development of state-wide unique patient identifiers within all mental health NMDSs is needed to improve this capacity.

Other issues caveats:

- This indicator presents complexities at the analysis stage. For example, there are several approaches to defining 'new client' that depend on how the following issues are resolved:
 - Level of the mental health system at which 'newness' is defined: Consumers new to a particular organisation may be existing consumers of other organisations. Counts of new consumers at the state/territory level would certainly yield lower estimates than those derived from organisation-level counts.
 - Diagnosis criteria for defining 'newness': A consumer may present with a new condition, although they have received previous treatment for a different condition.
- To date, the approach has been to specify an initial measure for implementation with a view to further refinement following detailed work to address the complexities associated with the definition of a new consumer and the possible implementation of unique state-wide patient identifiers within all jurisdictions.
- This work does not take into account the activities of private mental health services, primary mental health care or the specialist private mental health sector.

When data for this indicator are requested, jurisdictions are required to answer whether a state-wide unique client identifier system is in place, or some comparable approach has been used in the data analysis to allow tracking of service utilisation by an individual consumer across all public specialised mental health services in the jurisdiction. Collection of this information is aimed at assessing the degree of consistency between jurisdictions in data reported the result of which are explored in the data quality statement for this indicator.

Source and reference attributes

Submitting organisation: Australian Institute of Health and Welfare on behalf of the National Mental Health Performance Subcommittee

Reference documents: National Mental Health Performance Subcommittee 2013. Key Performance Indicators for Australian Public Mental Health Services, 3rd edn. Canberra: NMHPC.

Relational attributes

Related metadata references: Supersedes [KPIs for Australian Public Mental Health Services: PI 09J – New client index, 2016](#)

[Health!](#), Superseded 14/06/2017

Has been superseded by [KPIs for Australian Public Mental Health Services: PI 09J – Mental health new client index, 2018](#)

[Health!](#), Superseded 16/02/2021