



AMHOCN

Australian Mental Health Outcomes and Classification Network

'Sharing Information to Improve Outcomes'

An Australian Government funded initiative

**Adult
National Outcomes & Casemix Collection
Standard Reports**

1st Edition, Version 1.1

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A joint Australian, State and
Territory Government Initiative

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What is Australian Mental Health Outcomes and Classification Network?

The Australian Mental Health Outcomes and Classification Network (AMHOCN) was established by the Australian Government in December 2003 to provide leadership to the mental health sector to support the sustainable implementation of the outcomes and casemix collection as part of routine clinical practice. It aims to support states and territories and to work collaboratively with the mental health sector to achieve the vision of the introduction of outcomes and casemix measures. AMHOCN consists of three components: a data bureau responsible for receiving and processing information; an analysis and reporting component providing analysis and reports of submitted data; and a training and service development component supporting training in the measures and their use for clinical practice, service management and development purposes. Currently, the Australian Government has contracted the following organisations to undertake these roles: Strategic Data Pty Ltd, (data bureau); The University of Queensland (analysis and reporting); The NSW Institute of Psychiatry (training and service development). In February 2005, an AMHOCN State Liaison Manager role was established to coordinate activities between the state and territory health authorities and the AMHOCN components. The Australian Government has contracted Allen Morris-Yates to undertake that role. Further information regarding AMHOCN can be found at <http://www.mhnocc.org>.

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This report is based on the extensive work undertaken by many people working in Australia's public mental health services, including consumers, carers, clinicians, service managers, who are implementing an outcomes focus within their local services. Our acknowledgment is extended to all these individuals. Acknowledgement is also made of the efforts by staff within the various mental health branches in each state and territory health department who have coordinated the data collections and reporting arrangements.

Feedback regarding Version 1.0 was received from members of the Child & Adolescent, Adult and Older Persons Mental Health Expert Groups, representatives on the Australian Health Ministers' Advisory Council National Mental Health Working Group Information Strategy Committee and contributors to the on-line Mental Health National Outcomes and Casemix Collection Forum. Their valuable suggestions and observations have informed revisions to the original reports and are gratefully acknowledged.

Feedback

Comments on the document are welcomed. Readers are encouraged to submit comments via the on-line NOCC forum at <http://www.mhnocc.org/forum/>. Alternatively, comments can be forwarded to:

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Section 1: User's Guide

Preamble

This *User's Guide* describes the first edition of *National Outcomes and Casemix Collection (NOCC) Standard Reports* prepared by the Australian Mental Health Outcomes and Classification Network (AMHOCN). It has been prepared for readers who are familiar with the current versions of the *Technical specification of State and Territory reporting requirements for the outcomes and casemix components of 'Agreed Data' (Version 1.50)* and the *NOCC Clinician and Self-Report Measures Overview (Version 1.50)*. Both of these source documents are available at:

<http://www.mhnooc.org/resources/> .

Version 1.1 of the first edition of *National Outcomes and Casemix Collection (NOCC) Standard Reports* **replaces** Version 1.0 that was published 4 March 2005. Version 1.1 includes additional NOCC data reported by some jurisdictions following publication of Version 1.0. The current version includes a new set of Tables (n.1.4.1 - *Distribution of HoNOSCA / HONOS / HoNOS65+ Total Scores by Mental Health Service Setting for each Reason for Collection for all data reported to April 2005 for each Collection Occasion Age Group with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions*). The original set of Tables n.1.4 has been renumbered to Tables n.1.4.2. Version 1.1 also includes some enhancements to the reporting of some analyses as well as incorporates corrections to minor errors in the original analysis and reporting.

A comprehensive *Reporting Framework* for the NOCC data sets will be available shortly. The *Reporting Framework* will provide more detailed conceptual and technical information than that outlined in this *Users' Guide*.

Scope of the first edition of NOCC Standard Reports

The NOCC data sets allow analysis and reporting from a variety of perspectives. The perspectives can vary as a function of who is the information user (e.g., a policy maker, a service planner, a team leader, an individual clinician, an individual consumer, an academic researcher), what information is required ("What is the profile of consumers at admission to my service?"; "How do these profiles compare with other similar services?"; "Do our consumers have the same outcomes as other similar consumers in other similar services?").

AMHOCN's role with respect to the analysis and reporting of the NOCC data sets is primarily focused at a national level and thus the scope of the current edition of reports is limited to the national, aggregate level.

It is recognised too that more complex and sophisticated questions can be addressed through *partitioning* and *stratifying* the information. A *partition* of the data represents a high-level categorisation, in which the data are organised into a number of groups within which more meaningful questions of the data can be posed. For example, the outcomes and casemix measures are specific to the age group of consumers, at times specific to the service setting and at other times specific to the

reason for collection. These are fundamental partitions (or categories) that are necessary to enable meaningful analysis of the data that is based on like-with-like comparisons. There are other partitions that are desirable – examples include filtering the NOCC data ‘responsible entity’ (jurisdiction, mental health service organisation or service unit). This edition does not include any analysis by non-essential partition factors.

Within a partition, at times it will be useful to ‘drill down’ and further analyse consumer profiles and outcomes by *stratification* factors. For example, the clinical profiles can be stratified by consumers’ gender to answer questions such as: “Is the clinical profile of male consumers the same as female consumers?” or by consumers’ diagnosis to answer questions such as “Are clinical outcomes the same for consumers with schizophrenia versus consumers with affective disorders?” or by consumers’ age – “Do younger consumers have the same clinical profiles as older consumers?”. This edition does not include any analysis findings by stratification factors.

While the first edition of *NOCC Standard Reports* has been designed to meet the information needs of a variety of stakeholders, it is acknowledged that different stakeholders will have different and diverse information requirements that cannot be universally met through a single set of reports. To that end, AMHOCN is developing a user interface that will enable information users to design their own purpose specific reports with a range of partition and stratification factors. It is expected that this facility will be available later in 2005.

The common goal is for all stakeholders to use this information to facilitate service development and clinical quality improvement activities. National level reports can provide jurisdictions and mental health service organisations with baselines against which performance can be evaluated. It is important to note that these baselines will not necessarily reflect best or even appropriate clinical practice. It is anticipated, however, that the current set of reports will also facilitate benchmarking activities that are directed to improve service quality and consumer outcomes. In addition, it is anticipated that the national level reports will provide clinicians and consumers with reference data that promote informed understanding and interpretation of individual consumer’s clinical profiles and patterns of service utilisation.

The standard clinical measures that form the NOCC can be used for the purpose of measuring consumer outcomes or casemix classification, or both. The first edition of the *NOCC Standard Reports* is primarily focused on reporting from the perspective of measuring consumers’ mental health status and clinical outcomes. Later editions will be extended to address in more detail case complexity and casemix classification.

Caveats

1. The scope of the first edition NOCC standard reports includes all NOCC data reported by Jurisdictions to the Australian Government since the beginning of

the national collection in 2000-2001. All jurisdictions are represented in the current set of analyses and all have submitted data covering 2003-2004. Data for Q1 & Q2 of 2004-2005 for one jurisdiction and data for Q1, Q2 & Q3 of 2004-2005 for two jurisdictions were available and included in these analyses. These data have been validated by AMHOCN and are current as at 28 April 2005.

2. Whereas all jurisdictions are represented in the current set of analyses, not all jurisdictions have reported Consumer Self-Report measures for either some or all of three collection occasion age groups. In the calculation of completion rates for the Consumer Self-Report measures, only collection occasions since jurisdictions have reported such measures are included.
3. The reporting periods cover the initial experiences of all jurisdictions with respect to the implementation of routine outcome measurement. This is a complex process and the analysis findings need to be interpreted in the light of the variation inherent in the start-up phases of any major, innovative data collection initiative. The following table shows the frequency distribution of reported Collection Occasions by financial year.

Table 1: Frequency Distribution of Reported Collection Occasions by Financial Year for All Jurisdictions		
Financial Year	Reported Collection Occasions	
	n	%
2000-2001	4596	1.2
2001-2002	27772	7.1
2002-2003	77649	19.7
2003-2004	192415	48.9
2004-2005*	90905	23.1
Total	393337	100.0
* One jurisdiction has reported data for Q1 & Q2; two jurisdictions have reported data for Q1, Q2 & Q3.		

4. These aggregate reports provide group statistical information, for example, means, standard deviations, percentiles and effect sizes. The use of 'group' statistics to interpret the mental health status and changes for 'individual' consumers is a complex and sometimes controversial matter. AMHOCN is developing new materials to assist clinicians in those regards.
5. Other work by AMHOCN has highlighted significant issues and variability with respect to the extent to which the national collection has been implemented as intended. These issues of data quality are reflected in this report and should be the focus of ongoing quality improvement activities within services.

6. Variability with respect to adherence to the national protocol occurs at multiple levels – jurisdictional, organisational and at the service unit level. While this variation to the national protocol can be deliberate (for example, some jurisdictions mandate NOCC measures at points of collection where this is not required nationally), analysis and reporting of the NOCC data sets by AMHOCN follows the national protocol.
7. The reports include instances where there are too few observations to reliably estimate some of the statistics reported. Interpretation of the statistics requires initial consideration of whether there are sufficient observations. For simple statistics, such as means and standard deviations, a rule of thumb is that there should be no fewer than 30 observations. For more complex statistics, such as those reported for effect sizes, corrections for small sample sizes have been incorporated in the calculations and are generally reliable where there are at least 10 observations.
8. There are opportunities for jurisdictions to amend earlier submissions of NOCC data in subsequent extractions. This is one reason why data reported for any given period may vary in later data analysis iterations.
9. In addition to updates by jurisdictions, the AMHOCN data validation processes continue to evolve. This is especially the case in relation to the assembly of *Periods of Care* and *Episodes of Care*. More sophisticated sequencing algorithms will result in a greater proportion of NOCC data being retained for analysis and reporting purposes.

Key features of the national protocol

The national protocol prescribes what is collected and when it is collected. Table 4 from Section 7.1.3 of the *NOCC Technical Specification* summarises the protocol and is reproduced at Attachment 1. It is important to note that there has been variation of this national protocol in some jurisdictions.

Of primary significance is the fact that the clinical measures are specific to:

1. the *Collection Occasion Age Group* of the consumer – either Children & Adolescents, or Adults or Older Persons;
2. the *Reason for Collection* – broadly, either Admission, Review or Discharge; and
3. the *Mental Health Service Setting* – either Psychiatric Inpatient, Community Residential or Ambulatory.

These are the fundamental partitions that are used for analysis and reporting in the first edition of NOCC standard reports.

Understanding the relationship among Collection Occasions, Periods of Care & Episodes of Care

An *Episode of Mental Health Care* (EMHC) is a concept defined in the *NOCC Technical Specification* as:

“... a more or less continuous period of contact between a consumer and a Mental Health Service Organisation that occurs within the one Mental Health Service Setting” (Section 5.1.4).

The *NOCC Technical Specification* further notes:

Two business rules apply to episodes of mental health care:

- One episode at a time: While an individual may have multiple episodes of mental health care over the course of their illness, they may be considered as being in only one episode at any given point of time for a particular Mental Health Service Organisation.
- Change of setting = new episode: A new episode is deemed to commence when a person’s care is transferred between inpatient, community residential and ambulatory settings. A change of Mental Health Service Setting therefore marks the end of one episode and the beginning of another (Section 5.1.7).

A *Collection Occasion* is defined as an occasion during an *Episode of Mental Health Care* when the required dataset is to be collected in accordance with a standard protocol. The broad rule is that collection of data is required at both episode start and episode end (see Section 5.2.1).

Figure 1 from Section 5.2.7 of the *NOCC Technical Specification* summarises the data collection points under various episode scenarios and is reproduced at Attachment 2.

In this edition of NOCC standard reports, a distinction is made between *Periods of Care* and *Episodes of Care*. A *Period of Care* occurs between two consecutive Collection Occasions. An *Episode of Care* occurs between the ‘first’ and the ‘last’ Collection Occasions reported within the analysis frame.

It is important to note that, for the purposes of the analyses presented in this edition, *Episodes of Care* have not been exclusively defined as periods bounded by Admission and Discharge Collection Occasions. This is because, for some consumers, their ‘first’ clinical rating was not recorded as an Admission since they were in receipt of ongoing treatment when the national collection was implemented. For other consumers, their ‘last’ clinical rating was not recorded as a Discharge since the ‘episode of care’ was not completed when the NOCC data were reported by the jurisdiction.

Identifying valid sequences of Collection Occasions

In these reports, where the unit of analysis is Collection Occasion, all Collection Occasions that pass AMHOCN's data validation processes are considered valid with respect to analysis and reporting. Where the unit of analysis is either Periods of Care or Episodes of Care, it is necessary to assemble sequences of Collection Occasions.

From the above discussion, it follows that a valid sequence of collection occasions requires a logical ordering of events, for a given consumer who receives mental health services from a given provider, in a particular setting. The initial checks for the validity of the collection occasion sequences require specific relationships among five key fields:

1. Who provided? (i.e., Which mental health service organisation);
2. To whom? (i.e., the consumer);
3. When? (i.e., the date of the Collection Occasion);
4. Where? (i.e., the mental health service setting);
5. Why? (i.e., the reason for collection).

The sequencing process begins with identifying all of the Collection Occasions for a consumer at a mental health service organisation. These are then organised chronologically. Sequences are then evaluated in terms of the logical relations among the reasons for collection (e.g., Admissions precede Reviews which in turn precede Discharge) as well as the setting in which the collection occurred.

In the current edition of *NOCC Standard Reports*, a strict algorithm was implemented where all of a consumer's Collection Occasions at a specific mental health service organisation were excluded from further analysis if there was failure on any single evaluation.

The following figures illustrate some of the issues with respect to the validation of collection occasion sequences. The figures also serve to illustrate the AMHOCN approach to 'counting' *Periods of Care* (namely, consecutive pairs of Collection Occasions within a valid sequence) and *Episodes of Care* (namely, the first and the last Collection Occasions within a valid sequence).

Figure 1: Representation of a valid NOCC sequence with 2 Collection Occasions – Any Admission > Any Discharge		
	A₁	D₂
Collection Occasion	<u>θ_1</u>	<u>θ_2</u>
Period of Care	π_1	
Episode of Care	ε_1	
<i>Explanatory Notes</i>		
θ_1	<u>Collection Occasion₁</u>	Admission
θ_2	<u>Collection Occasion₂</u>	Discharge
π_1	<u>Period of Care₁</u>	Any Admission > Any Discharge
ε_1	<u>Episode of Care₁</u>	Any Admission > Any Discharge

Figure 2: Representation of an invalid NOCC sequence with 2 Collection Occasions – Any Admission > Any Admission		
	A₁	A₂
Collection Occasion	<u>θ_1</u>	<u>θ_2</u>
Period of Care	-	
Episode of Care	-	
<i>Explanatory Notes</i>		
θ_1	<u>Collection Occasion₁</u>	Admission
θ_2	<u>Collection Occasion₂</u>	Admission

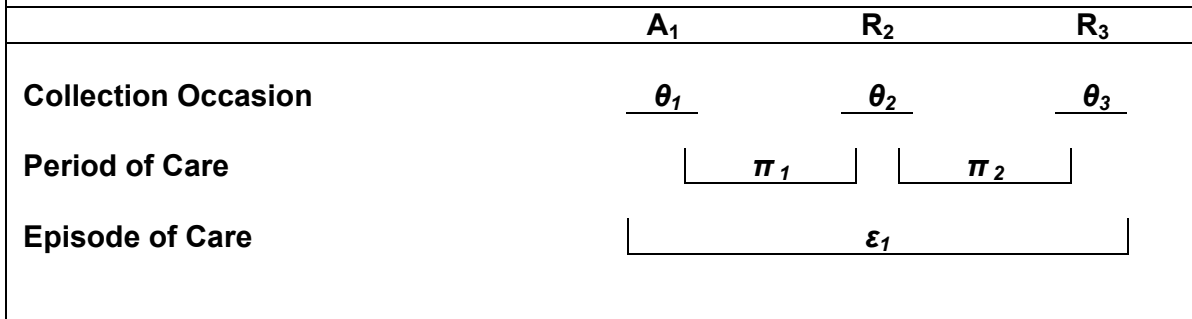
Figure 3: Representation of a valid NOCC sequence with 3 Collection Occasions

	A_1	R_2	D_3
Collection Occasion	<u>θ_1</u>	<u>θ_2</u>	<u>θ_3</u>
Period of Care	π_1		π_2
Episode of Care	ε_1		
<i>Explanatory Notes</i>			
θ_1	<u>Collection Occasion</u> ₁	Admission	
θ_2	<u>Collection Occasion</u> ₂	Review	
θ_3	<u>Collection Occasion</u> ₃	Discharge	
π_1	<u>Period</u> of Care ₁	Any Admission > Any Review	
π_2	<u>Period</u> of Care ₂	Any Review > Any Discharge	
ε_1	<u>Episode</u> of Care ₁	Any Admission > Any Discharge	

Figure 4: Representation of an invalid NOCC sequence with 3 Collection Occasions

	R_1	A_2	D_3
Collection Occasion	<u>θ_1</u>	<u>θ_2</u>	<u>θ_3</u>
Period of Care	-	? π_1	
Episode of Care	-	? ε_1	
<i>Explanatory Notes</i>			
θ_1	<u>Collection Occasion</u> ₁	Review	
θ_2	<u>Collection Occasion</u> ₂	Admission	
θ_3	<u>Collection Occasion</u> ₃	Discharge	
? π_1	<u>Period</u> of Care ₁	Deemed Invalid	
? ε_1	<u>Episode</u> of Care ₁	Deemed Invalid	

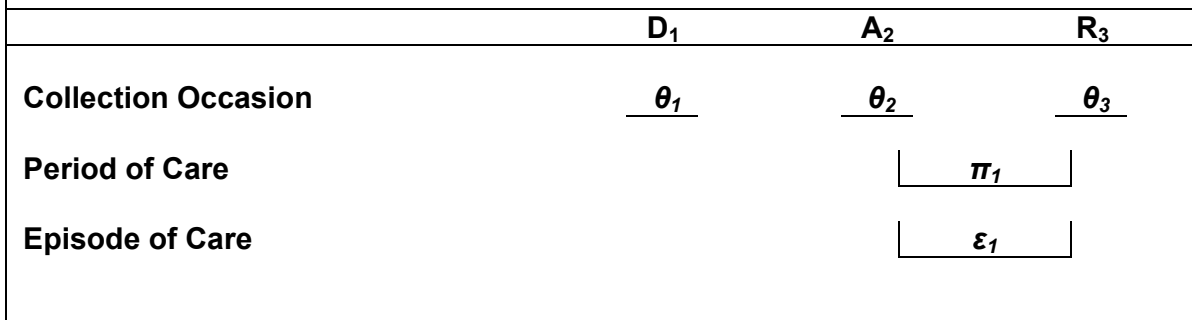
Figure 5: Representation of a valid NOCC sequence with 3 Collection Occasions for an incomplete Episode of Mental Health Care



Explanatory Notes

θ_1	<u>Collection Occasion</u> ₁	Admission
θ_2	<u>Collection Occasion</u> ₂	Review
θ_3	<u>Collection Occasion</u> ₃	Review
π_1	<u>Period of Care</u> ₁	Any Admission > Any Review
π_2	<u>Period of Care</u> ₂	Any Review > Any Review
ε_1	<u>Episode of Care</u> ₁	Any Admission > Any Review

Figure 6: Representation of a valid NOCC sequence with 3 Collection Occasions for an incomplete Episode of Mental Health Care



Explanatory Notes

θ_1	<u>Collection Occasion</u> ₁	Discharge
θ_2	<u>Collection Occasion</u> ₂	Admission
θ_3	<u>Collection Occasion</u> ₃	Review
π_1	<u>Period of Care</u> ₁	Any Admission > Any Review
ε_1	<u>Episode of Care</u> ₁	Any Admission > Any Review

Data integrity considerations

A major issue for the analysis and reporting of the NOCC measures is to determine when a measure is 'valid' with respect to the clinical ratings provided.

Outcome measures such as the HoNOS family are referred to here as measures (elsewhere, these have been variously referred to as scales, instruments). Some measures comprise multiple components, such as items (these have been variously referred to as scales). Items can be aggregated into subscales and total scores (these have been variously referred to as summary and total scores).

Ratings of items can be described in terms of three mutually exclusive categories:

1. valid 'clinical' ratings that typically indicate levels of problem severity;
2. valid 'non-clinical' ratings that typically indicate reasons why problem severity was not rated; and
3. invalid values such as 'nulls' or values outside of the range for 1 and 2 above.

The validity of a measure is derived from consideration of the validity of the items that comprises that measure. Valid scores can be estimated either when all of the items are clinically valid OR when a sufficient number of items are clinically valid. Two questions require resolution:

1. How many items need to have a valid clinical rating in order for the overall measure to be considered valid?
2. If one or more of the items does not have a valid clinical rating, how does this impact on the scoring of subscale and total scores?

In order to answer these questions, AMHOCN undertook descriptive analyses of the available data. Judgements regarding the validity of a measure were based on several principles. The overarching goal was to minimise potential loss of data via exclusion of partially completed measures and to balance that with the retention of measures that would still enable statistical analysis. While there are sophisticated methods for resolving 'missing data', a further principle was to implement transparent solutions that can be replicated readily at local levels.

The frequency distributions of partially completed measures were examined and thresholds specific to each measure were determined as minimal requirements for analysis. It is important to note that these criteria are relevant for the data available for analysis at April 2005; these criteria may change over time and will be published with each release of national level reports.

The following table shows the criteria used to determine whether a NOCC measure had been validly completed for the purposes of subsequent statistical reporting:

Table 2: Completion criteria for each of the NOCC measures		
NOCC Measure	Age Group	Completion Criteria
HoNOSCA	C&A	At least 11 of the first 13 HoNOSCA items have Valid Clinical Ratings
CGAS	C&A	Any Valid Clinical Rating
FIHS	C&A	At least 6 of the 7 FIHS items have Valid Clinical Ratings
SDQ – all Versions	C&A	At least 20 of the first 25 items have Valid Clinical Ratings
Age	C&A	Aged at least 1 day to less than 25 years inclusive
HoNOS / 65+	A&OP	At least 10 items have Valid Clinical Ratings
LSP-16	A&OP	At least 14 items have Valid Clinical Ratings
FoC	A&OP	Any Valid Clinical Rating
BASIS-32	A&OP	At least 24 items have Valid Clinical Ratings***
K10+	A&OP	At least 9 items have Valid Clinical Ratings
MHI-38	A&OP	At least 30 items have Valid Clinical Ratings
Age	A	Aged between 15 and 110 years inclusive
RUG-ADL	OP	All 4 items have Valid Clinical Ratings
Age	OP	Aged between 55 and 110 years inclusive
Principal Diagnosis	All	Any Valid Mental Health Diagnosis Summary Group
MHLS	All	Either Voluntary or Involuntary Status recorded
Sex	All	Either Male or Female Sex recorded
<i>Explanatory Notes:</i>		
***	BASIS-32 items 2, 3 & 4 only count as one item	
C&A	Child & Adolescent Collection Age Group	
A&OP	Adult AND Older Person Collection Age Group	
A	Adult Collection Age Group	
OP	Older Person Collection Age Group	

These criteria apply to each of the Standard Reports where NOCC measures are further analysed and address the first question, “How many items need to have a valid clinical rating in order for the overall measure to be considered valid?”

In regards to the second question, “If one or more of the items does not have a valid clinical rating, how does this impact on the scoring of subscale and total scores?” Only the valid clinical ratings of the items comprising a measures subscale or total scores were considered. If a component item was ‘missing’, it was treated as contributing ‘0’ to the overall score’. If all of the items comprising a subscale were ‘missing’, then the overall score was set to missing with no valid observations.

This method is not perfect since it results in ‘averages’ that are biased downwards: the fewer items that are completed, the less opportunity exists to achieve a high

score. For example, the maximum of a HoNOS with only 10 completed items is 40. While the reporting of statistics could have been restricted to instances where there were no missing data, that method would have introduced other biases – specifically, the means and standard deviations only apply to populations where there are no missing data and the statistics will be based on a smaller set of observations. There is no single ‘best’ solution. The approach adopted here (i.e., setting both a high threshold for a measure to be considered valid and ‘missing ratings’ to 0) is transparent, can be replicated readily and reflects many clinical situations.

Overview of the first edition NOCC Standard Reports

1. Data are reported separately at three levels of analysis: Collection Occasion only; Periods of Care; and Episodes of Care.
2. The current set of reports is based on the highest level of aggregation – the national level. There is no ‘disaggregation’ of the data by partition factors (beyond the basic specification of the national protocol – collection age group, mental health service setting and reason for collection). Nor is their disaggregation by stratification factors.

Understanding the key to NOCC Standard Report table numbering

The Standard Reports are individually identified by a four digit number. The following table provides a key to the NOCC Standard Report numbering scheme:

Table 3: NOCC Standard Report numbering scheme
<p><i>n1 = Collection Age Group</i></p> <ul style="list-style-type: none"> 1 = Child & Adolescent 2 = Adult 3 = Older Person <p><i>n2 = Level of analysis</i></p> <ul style="list-style-type: none"> 1 = Collection Occasion 2 = Period of Care 3 = Episode of Care <p><i>n3 = Major content domain</i></p> <p>Note – these are specific to Collection Age Group</p> <p><i>n4 = Sub major content domain or Partition by Setting</i></p> <ul style="list-style-type: none"> Setting₁ = Psychiatric Inpatient Setting₂ = Community Residential Setting₃ = Ambulatory

Thus, it is relatively simple to identify Tables between Collection Age Groups and the Level of Analysis; similarly, it is relatively simple to cross-reference Tables within a set of Standard Reports for a single Collection Age Group.

Readers interested in comparing profiles between the three Collection Occasion Age Groups should note that the first eight Tables in Collection Occasion Level of Analysis set and the ten Tables comprising each of the Period of Care and Episode of Care Level of Analysis are comparable in terms of structure – only the specific Versions of the HoNOS family of measures and the Consumer Self-Report measures varies.

Standard Reports for Collection Occasions

Common Tables across the Collection Age Groups

Tables n.1.1 present summaries of the nature and volume of the NOCC Data available for analysis in the first edition Standard Reports. For each of the NOCC measures, completion rates are reported as percentages in the Tables. These percentages are calculated as the proportion of the number of ‘completed measures’ to the total number of Collection Occasions.

The NOCC Protocol specifies when measures are required for a particular Collection Occasion. When measures are not required, for example, Principal Diagnosis and Mental Health Legal Status at ‘Admission’, completion rates are reported as ‘Not Required’ even although some valid data may have been submitted.

The Child & Adolescent Group differs from Adults and Older Persons in that the SDQ-Parent and SDQ-Youth measures are specific to the age of the consumer at the time of collection. Specifically, there is no self-report version for consumers aged 4-10 years. Completion rates for ‘Parent’ SDQ measures were separately calculated for consumers aged 4-10 years inclusive AND 11-17 years inclusive; for the ‘Youth’ Self-Report SDQ measures, completion rates were only calculated for consumers aged 11-17 years inclusive.

Where a jurisdiction has not submitted Consumer Self-Report data, those Collection Occasions are excluded from the calculation of data completion statistics.

Tables n.1.2 present high level total score summaries of the core *clinician-completed* clinical ratings. As described in the *NOCC Clinician and Self-Report Measures Overview (Version 1.50)*, for the HONOSCA, the total score comprises the first 13 items only; for the HoNOS and the HoNOS65+, the total score is based on all 12 items.

Tables n.1.3 present high level total score summaries of the core *consumer-completed* clinical ratings. As described in the *NOCC Clinician and Self-Report Measures Overview (Version 1.50)*, the Strengths and Difficulties Questionnaire total score (*Total Difficulties*) is derived from the sum of the four subscales (i.e., Emotional Symptoms; Conduct Problems; Hyperactivity/Inattention; Peer Relationship Problems). Note that for Adults and for Older Persons, there is no common Consumer Self-Report measure across the eight Jurisdictions.

Tables n.1.4.n present key statistics for the HoNOS family measures.

Tables n.1.4.1 present percentile statistics for the Total Scores. A percentile is the proportion of scores in a distribution that a specific score is greater than or equal to. For example, in Table 2.1.4.1, the 50th Percentile (also known as the median) on the HoNOS Total for Adults in Psychiatric Inpatient settings is 11. Hence 50% of Adults in this setting scored greater than or equal to this total score; 50% of Adults in this setting scored lower than or equal to this total score. In this table, the 95th Percentile is 25. Hence, 95% of adults in this setting scored lower than or equal to this score; 5% of adults scored greater than or equal to this score.

Tables n.1.4.2 present statistics for the standard summary scores. For Adults and for Older Persons, statistics are also presented for the HoNOS-10 summary score. This measure comprises the sum of the first 10 scales of the HoNOS / HoNO65+. It was originally developed in the Mental Health Classification and Service Costs (MH-CASC) Project. Further details regarding its development can be found at page 217 of the *MH-CASC Volume 1: Main Report* (Buckingham et al, 1998).

Tables n.1.5.1, n.1.5.2, n.1.5.3 & n.1.5.4 present detailed item level analyses of the HoNOS family of measures. The first table (n.1.5.1) shows the number of valid observations (i.e., clinical ratings) for each of the items. Note that this differs across the items comprising the measure – however, only those overall ratings that met the initial criteria for ‘completion’ are included. The second table (n.1.5.2) shows the percentage of clinically significant ratings (i.e., clinical ratings of 2 or higher); the final two tables (n.1.5.3 & n.1.5.4) present item means and standard deviations respectively.

Specific Tables for Child & Adolescent Collection Age Group

Table 1.1.1.6 presents the percentage of positively identified items for each of the seven items that comprise the Factor Influencing Health Status.

Tables 1.1.7.1, 1.1.7.2 & 1.1.7.3 present key summary score statistics for the SDQ. The first table reports Parent Ratings for consumers aged 4-10 years; the second table Parent Ratings for consumers aged 11-17 years; the third table, Youth Self-Report Ratings by consumers aged 11-17 years.

Specific Tables for Adult & Older Persons Collection Age Group

Tables n.1.2.6 present statistics for the standard LSP-16 summary scores. For Adults and for Older Persons, statistics are also presented for the LSP-13 summary score. This measure comprises the sum of the LSP-16 excluding those three items that comprise the LSP Compliance Subscale. It was originally developed in the Mental Health Classification and Service Costs (MH-CASC) Project. Further details regarding its development can be found at page 218 of the *MH-CASC Volume 1: Main Report* (Buckingham et al, 1998).

Tables n.1.2.7 present key summary score statistics for the BASIS-32.

Table 2.1.2.8 presents key summary score statistics for the MHI-38.

Standard Reports for Periods of Care & Episodes of Care

The 10 Tables comprising each of the Periods of Care and the Episodes of Care Standard Reports are identical in structure – corresponding tables differ only in terms of the level of analysis.

Tables n.n.1 present summaries of the nature and volume of the Periods / Episodes of Care NOCC Data available for analysis in the first edition Standard Reports. As discussed above, not all of the Collection Occasion data reported could be assembled to form Valid Sequences; by definition, those data are excluded from any analyses of Periods of Care or Episodes of Care.

Tables n.n.2.1, n.n.2.2 & n.n.2.3 present the distribution of elapsed days from Period of Care, or Episode of Care, 'Start' Dates and 'End' Dates for the three mental health service settings (Psychiatric Inpatient, Community Residential and Ambulatory respectively). For Psychiatric Inpatient and Community Residential Mental Health Services, elapsed days can be considered a proxy measure of service utilisation (i.e., length of stay).

Distribution statistics include the mean, the standard deviation, percentiles and the Coefficient of Variation (CV). The latter statistic is calculated by dividing the standard deviation by the mean. The CV indicates how much variability there is around the group average. While CVs are 'unit-free' (i.e., no minimum or maximum value - since it is a 'ratio'), as a 'rule of thumb', CVs greater than 1 can be assumed to indicate there is 'considerable' variability about the mean. Or another way of putting it, the observations that make up the group mean are widely spread apart. CVs less than 1 (and closer to 0) can be assumed to indicate there is 'little' variability about the mean. Or another way of putting it, the observations that make up the group mean are not widely spread apart - they're more 'closely' bunched up together.

In presenting CVs for the Change Scores, CVs greater than 1 suggest that, regardless of the size or the direction of the change, on average there is a lot of

variability in outcomes. CVs less than 1 suggest that, on average, there is not a lot of variability in outcomes.

Tables n.n.3.1, n.n.3.2 & n.n.3.3 present summaries of the completion rates of the HoNOS and Consumer Self-Report measures. For each of these, completion rates are reported as percentages in the Tables. These percentages are calculated as the proportion of the number of 'completed measures' to the total number of Periods (or Episodes) of Care for the three service settings (Psychiatric Inpatient, Community Residential and Ambulatory respectively).

Tables n.n.4.1, n.n.4.2 & n.n.4.3 present summary change score and effect size statistics for the HoNOS family of measures. A change score is defined as the mean difference between the 'Start' and the 'End' scores. Given that the clinical rating on the HoNOS family indicates the level of clinical severity, a *positive* change score indicates a reduction in clinical severity (i.e., 'improvement'); a *negative* change score indicates an increase in clinical severity (i.e., 'deterioration').

Change scores for the three mental health service settings (Psychiatric Inpatient, Community Residential and Ambulatory respectively) have been calculated only where a Period of Care, or an Episode of Care, has both a 'Start' and an 'End' clinical rating (a 'matched pair').

In addition to means and standard deviations, the Coefficient of Variation for the Change Score is presented also. The most important aspect of the CV statistic is its magnitude. If the group mean is 'negative', then the CV statistic will also be negative in sign. The CV reported in these tables is the absolute value of the statistic (i.e., the sign of the CV is not reported) since the size of the CV conveys the critical information (i.e., how much variability there was about the group mean).

The correlation coefficient between start scores and end scores is also reported. The correlation coefficient is a number between -1 and +1 which measures the degree to which pairs of variables (measures) are related. This provides an indication of the extent to which 'start' scores and 'end' scores are related. A positive coefficient indicates a 'positive' association (as scores increase on one variable, they also increase on the other variable); a negative coefficient indicates a 'negative' association (as scores increase on one variable, they decrease on the other variable). In this context, the magnitude of the correlation coefficient provides an indication of the extent to which consumers' mental health status at 'start' of care predicts mental health status at 'end' of care. As a guide, correlation coefficients of less than ± 0.3 generally indicate 'weak' associations; ± 0.5 'moderate' associations; and ± 0.7 'strong' associations. The lower the association, the greater the role other factors influence mental health status at 'end' of care. These factors may include treatment intensity, individual consumer 'risk factors' as well as provider factors.

Understanding effect sizes

Ultimately, the overall objective of the National Mental Health Strategy is to improve the clinical outcomes for individual consumers who use mental health services. Measuring change in the mental health status of consumers is one way to assess the effectiveness of mental health services.

While the measurement of change is a simple and attractive idea, there are substantial conceptual and technical challenges and debates about how best to go about this task. Some of this complexity is reflected in the national protocol whereby changes can be assessed from both the clinicians' and the consumers' perspectives.

In the scientific community, there are ongoing debates regarding the relative merits of 'statistical' versus 'clinical' change. 'Statistically significant' change can occur where there is a large number of observations but only a small difference in the overall change score; 'Clinical' change can occur where there is a large difference in an overall change score but that difference may not be statistically significant.

Currently, there is no single, optimal solution to these dilemmas. It is beyond the scope of the current document to comprehensively review the range of methodological options – these may be considered in subsequent editions. In this first edition of Standard Reports, AMHOCN has determined that an effect size statistic is the preferred index of change.

The effect size statistic quantifies the size of the difference in change scores where change scores indicate the difference in measurement over time (i.e., from 'start' to 'end' of either a Period of Care or an Episode of Care). In this edition of Standard Reports, following Morris (2000), effect size statistics have been calculated from a repeated measures design perspective – that is, the same person measured at two points in time, namely with Clinical Ratings at both Start and End of a Period of Care or Episode of Care.

What does the size of the effect size mean?

Cohen (1987) classified effect size (ES) values into three different categories of "small", "medium", and "large". In the case of comparing two means, Cohen defined an effect size of 0.20 as 'small', indicating negligible clinical importance; an effect size of 0.50 as 'medium', indicating moderate clinical importance; and an effect size of 0.80 as 'large' indicating critical clinical importance.

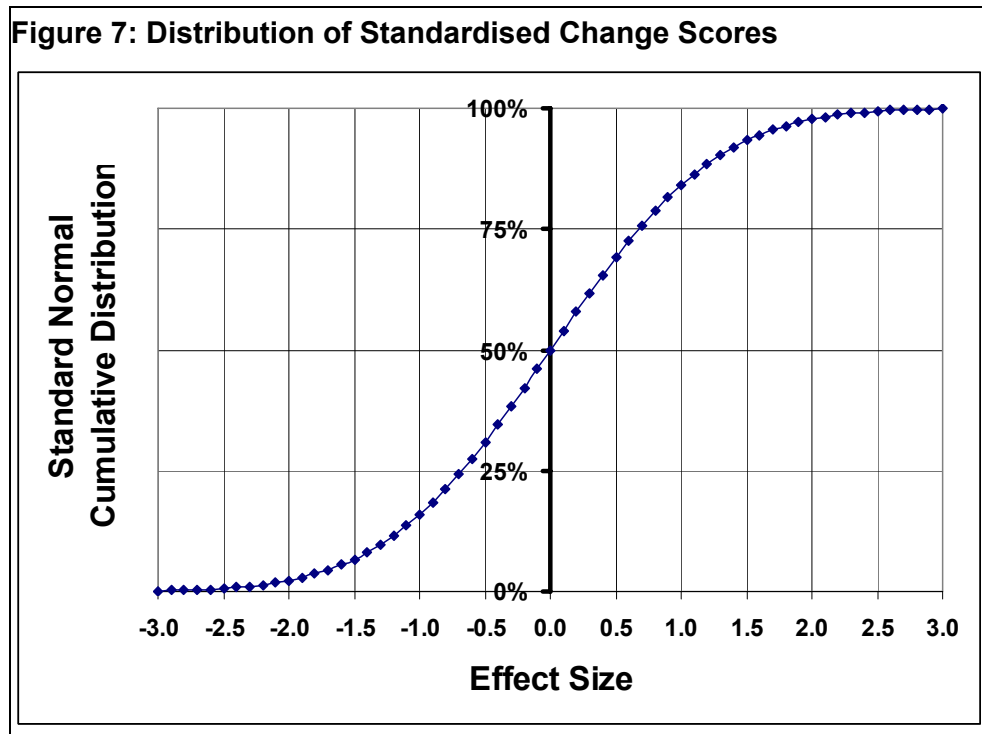
If certain statistical assumptions about the distribution of change scores are met, then an effect size can be related to the standard normal distribution (Morris & DeShon, 2002). This greatly facilitates interpretation of the 'size of the effect'.

A change score of 0 implies that the change would be positive for 50% of the population and would be negative for 50% of the population. That is, zero change

overall. A change score of 0.2 implies that the change would be positive for approximately 58% of the population. Cohen describes this as 'small'. A change score of 0.5 implies that the change would be positive for approximately 69% of the population. Cohen describes this as 'moderate'. A change score of 0.8 implies that the change would be positive for approximately 79% of the population. Cohen describes this as 'large'.

Effect sizes tell us the **size** of the effect and not the **statistical significance** of the effect. If the 95% confidence interval of the effect size includes zero (i.e., the lower estimate is a negative value **AND** the upper estimate is a positive value), then the result is not statistically significant. That is, the observed mean change effect size is not significantly different from zero (i.e., no change).

The following chart plots the relationship between the effect sizes and the normal distribution. It can be seen that 'negative' change occupies the left-half of the chart; 'positive' change the right-half of the chart.



The following table offers a quick reference table of effect sizes to the cumulative normal distribution:

Table 4: Reference table of effect size scores to standard normal cumulative distribution	
Unbiased Effect Size Estimator	Standard Normal Cumulative Distribution
-1.00	15.9%
-0.90	18.4%
-0.80	21.2%
-0.70	24.2%
-0.60	27.4%
-0.50	30.9%
-0.40	34.5%
-0.30	38.2%
-0.20	42.1%
-0.10	46.0%
0.00	50.0%
0.10	54.0%
0.20	57.9%
0.30	61.8%
0.40	65.5%
0.50	69.1%
0.60	72.6%
0.70	75.8%
0.80	78.8%
0.90	81.6%
1.00	84.1%

References

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¹ <http://www.cemcentre.org/ebeuk/research/effectsize/ESbrief.htm>.

² http://www.mhnocc.org/resources/national_outcomes_and_casemix_collection/

Attachments

Attachment 1: Data to be collected at each Collection Occasion within each Mental Health Service Setting, for consumers in each Age Group

<i>Mental Health Service Setting</i>	INPATIENT			COMMUNITY RESIDENTIAL			AMBULATORY			
	<i>Collection Occasion</i>	A	R	D	A	R	D	A	R	D
Children and Adolescents										
HoNOSCA ⁽¹⁾	●	●	●	●	●	●	●	●	●	●
CGAS	●	●	✕	●	●	✕	●	●	✕	●
FIHS	✕	●	●	✕	●	●	✕	●	●	●
Parent / Consumer Self-Report (SDQ) ^(2, 3)	●	●	●	●	●	●	●	●	●	●
Principal and Additional Diagnoses	✕	●	●	✕	●	●	✕	●	●	●
Mental Health Legal Status	✕	●	●	✕	●	●	✕	●	●	●
Adults										
HoNOS ⁽¹⁾	●	●	●	●	●	●	●	●	●	●
LSP-16 ⁽⁴⁾	✕	✕	✕	●	●	●	✕	●	●	●
Consumer self-report (MHI, BASIS32, K10+) ^(3, 5)	✕	✕	✕	●	●	●	●	●	●	●
Principal and Additional Diagnoses	✕	●	●	✕	●	●	✕	●	●	●
Focus of Care ⁽⁶⁾	✕	✕	✕	✕	✕	✕	✕	●	●	●
Mental Health Legal Status	✕	●	●	✕	●	●	✕	●	●	●
Older persons										
HoNOS 65+ ⁽¹⁾	●	●	●	●	●	●	●	●	●	●
LSP-16 ⁽¹⁾	✕	✕	✕	●	●	●	✕	●	●	●
RUG-ADL	●	●	✕	●	●	✕	✕	✕	✕	✕
Consumer self-report (MHI, BASIS32, K10+) ^(3, 5)	✕	✕	✕	●	●	●	●	●	●	●
Principal and Additional Diagnoses	✕	●	●	✕	●	●	✕	●	●	●
Focus of Care ⁽⁶⁾	✕	✕	✕	✕	✕	✕	✕	●	●	●
Mental Health Legal Status	✕	●	●	✕	●	●	✕	●	●	●

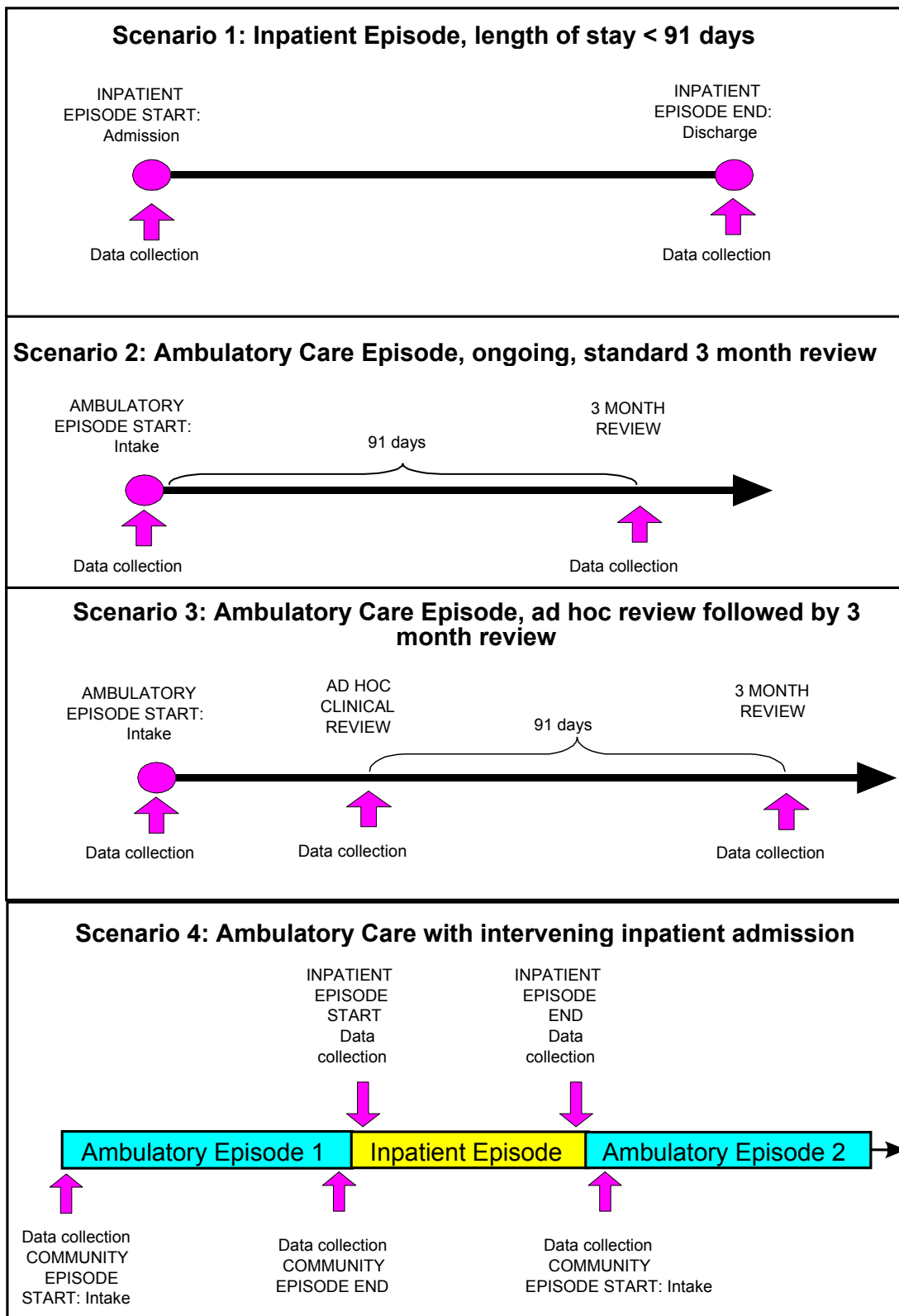
Abbreviations and Symbols

- | | | | |
|----------|-----------------------------------|---|--|
| A | Admission to Mental Health Care | ● | Collection of data on this occasion is mandatory |
| R | Review of Mental Health Care | ✕ | No collection requirements apply |
| D | Discharge from Mental Health Care | | |

Notes

- (1) Discharge ratings for the HoNOS, HoNOS65+ and HoNOSCA are not required for inpatient episodes less than 3 days duration.
- (2) Discharge ratings for the SDQ are not required for any episode of less than 21 days duration because the rating period used at discharge (previous month) would overlap significantly with the period rated at admission.
- (3) The classification of consumer self-report measures as mandatory is intended only to indicate the expectation that consumer's will be invited to complete self-report measures at the specified *Collection Occasions*, not that such measures will always be appropriate. Special considerations applying to the collection of self-report measures are described in section 7.5.
- (4) The LSP-16 is not included as a measure for use in inpatient settings as, in its current form, it requires ratings to be based on the consumer's functioning over the previous three months. This is difficult for the majority of inpatient episodes which are relatively brief.
- (5) Introduction of adult consumer self-report measures in inpatient episodes is not included as a national requirement at this stage but will be reviewed in the future following experience in use of the measures in other settings. Individual Jurisdictions or service agencies may however choose to trial these measures in inpatient settings.
- (6) Restriction of the Focus of Care only to ambulatory care episodes for adults and older persons is based on experience in the MH-CASC study which found it be of limited value in inpatient and community residential settings and with child/adolescent patients.

Attachment 2: Data collection requirements under four episode scenarios



Section 2: Standard Reports

Collection Occasion Standard Reports

Table 2.1.1: Summary of the Nature and Volume of NOCC Collection Occasion Data by Mental Health Service Setting for each Reason for Collection for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	CO	CO-CSR	HoNOS	LSP-16	CSR	FoC	PDX	MHLS	Sex	Age
	N	N	%	%	%	%	%	%	%	%
Psychiatric Inpatient	101820	57835	79	NR	NR	NR	86	80	99	100
Admission	50541	27040	83	NR	NR	NR	NR	NR	99	100
New referral	30515	15961	84	NR	NR	NR	NR	NR	99	100
From other setting	16506	8716	83	NR	NR	NR	NR	NR	99	100
Other	3520	2363	79	NR	NR	NR	NR	NR	100	100
Review	10192	6315	82	NR	NR	NR	89	77	100	100
91-day review	6338	3655	86	NR	NR	NR	94	83	100	100
Other	3854	2660	77	NR	NR	NR	81	67	100	100
Discharge	41087	24480	74	NR	NR	NR	85	81	99	100
No further care	6996	4204	70	NR	NR	NR	86	82	99	100
Change of setting	29971	18599	79	NR	NR	NR	84	79	99	100
Death	38	29	66	NR	NR	NR	84	89	100	97
Other	4082	1648	41	NR	NR	NR	91	90	100	100
Community Residential	6368	2452	87	76	29	NR	90	87	98	100
Admission	1659	649	86	49	31	NR	NR	NR	98	100
New referral	911	328	91	51	34	NR	NR	NR	97	100
From other setting	619	277	83	49	26	NR	NR	NR	99	100
Other	129	44	59	31	41	NR	NR	NR	98	100
Review	3606	1447	90	89	31	NR	91	89	99	100
91-day review	2932	970	93	92	31	NR	92	91	99	100
Other	674	477	78	74	33	NR	83	78	99	100
Discharge	1103	356	80	75	16	NR	87	83	98	100
No further care	303	20	83	78	5	NR	90	88	97	99
Change of setting	736	327	82	76	17	NR	85	81	99	100
Death	4	2	50	50	-	NR	75	100	100	100
Other	60	7	25	47	-	NR	88	82	98	100
Ambulatory	183071	103631	80	71	13	80	88	84	99	100
Admission	59047	32565	85	NR	13	NR	NR	NR	99	100
New referral	41546	19845	88	NR	14	NR	NR	NR	99	100
From other setting	13454	10533	79	NR	12	NR	NR	NR	100	100
Other	4047	2187	70	NR	9	NR	NR	NR	98	100
Review	77232	46200	90	85	17	83	92	87	100	100
91-day review	62805	34798	92	88	16	89	94	91	99	100
Other	14427	11402	83	70	20	58	83	70	100	100
Discharge	46792	24866	56	48	6	76	81	80	100	100
No further care	20595	12641	67	61	4	77	85	82	99	100
Change of setting	15485	9767	63	45	8	70	78	72	100	100
Death	209	113	34	40	1	83	93	86	100	100
Other	10503	2345	22	28	4	84	80	85	100	100

Explanatory Notes:

NR	Not Required	CO-CSR	Consumer Self-Report Collection Occasions	PDX	Principal Diagnosis
-	No Valid Observations	CSR	Consumer Self-Report	MHLS	Mental Health Legal Status
CO	Overall Collection Occasions	FoC	Focus of Care		

Table 2.1.2: Core Clinical Summary Score Profiles by Mental Health Service Setting for each Reason for Collection for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	CO		HoNOS-12			LSP-16		
	N	V%	M	SD	V%	M	SD	
Psychiatric Inpatient	101820	79	11.3	7.3	NR	-	-	
Admission	50541	83	14.3	6.8	NR	-	-	
New referral	30515	84	14.4	6.9	NR	-	-	
From other setting	16506	83	14.0	6.8	NR	-	-	
Other	3520	79	14.6	6.8	NR	-	-	
Review	10192	82	11.6	6.7	NR	-	-	
91-day review	6338	86	11.7	6.5	NR	-	-	
Other	3854	77	11.4	7.0	NR	-	-	
Discharge	41087	74	7.2	5.9	NR	-	-	
No further care	6996	70	7.1	5.9	NR	-	-	
Change of setting	29971	79	7.2	5.9	NR	-	-	
Death	38	66	15.3	8.8	NR	-	-	
Other	4082	41	8.0	5.2	NR	-	-	
Community Residential	6368	87	10.0	6.4	76	12.9	8.9	
Admission	1659	86	11.0	6.4	49	12.2	9.0	
New referral	911	91	11.1	6.4	51	11.3	9.2	
From other setting	619	83	10.8	6.3	49	13.7	8.3	
Other	129	59	11.3	6.6	31	11.5	10.1	
Review	3606	90	9.8	6.3	89	13.5	8.9	
91-day review	2932	93	9.4	6.1	92	12.9	8.8	
Other	674	78	12.2	6.8	74	16.7	8.6	
Discharge	1103	80	8.7	6.3	75	11.6	8.4	
No further care	303	83	5.9	5.3	78	6.7	7.6	
Change of setting	736	82	9.8	6.3	76	13.7	7.8	
Death	4	50	19.0	8.5	50	16.5	0.7	
Other	60	25	8.8	7.1	47	9.9	9.5	
Ambulatory	183071	80	9.9	6.4	71	10.2	8.1	
Admission	59047	85	11.3	6.2	NR	-	-	
New referral	41546	88	11.5	6.1	NR	-	-	
From other setting	13454	79	10.7	6.5	NR	-	-	
Other	4047	70	11.8	6.4	NR	-	-	
Review	77232	90	9.5	6.2	85	10.5	7.9	
91-day review	62805	92	9.2	6.1	88	10.3	7.9	
Other	14427	83	10.7	6.6	70	12.0	7.9	
Discharge	46792	56	8.2	6.7	48	9.3	8.6	
No further care	20595	67	6.3	5.5	61	7.5	7.3	
Change of setting	15485	63	10.9	7.5	45	12.7	9.6	
Death	209	34	13.4	8.8	40	9.3	10.4	
Other	10503	22	7.2	6.1	28	8.6	8.3	

Explanatory Notes:

NR	Not Required	V%	Percentage of Valid Observations	-	No Valid Observations
CO	Overall Collection Occasions	M	Mean	SD	Standard Deviation

Table 2.1.3: Core Consumer Summary Score Profiles by Mental Health Service Setting for each Reason for Collection for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	CO	BASIS-32				K10+				MHI-38			
	N	N	V%	M	SD	N	V%	M	SD	N	V%	M	SD
Psychiatric Inpatient	NR	NR	-	-	-	NR	-	-	-	NR	-	-	-
Admission	NR	NR	-	-	-	NR	-	-	-	NR	-	-	-
New referral	NR	NR	-	-	-	NR	-	-	-	NR	-	-	-
From other setting	NR	NR	-	-	-	NR	-	-	-	NR	-	-	-
Other	NR	NR	-	-	-	NR	-	-	-	NR	-	-	-
Review	NR	NR	-	-	-	NR	-	-	-	NR	-	-	-
91-day review	NR	NR	-	-	-	NR	-	-	-	NR	-	-	-
Other	NR	NR	-	-	-	NR	-	-	-	NR	-	-	-
Discharge	NR	NR	-	-	-	NR	-	-	-	NR	-	-	-
No further care	NR	NR	-	-	-	NR	-	-	-	NR	-	-	-
Change of setting	NR	NR	-	-	-	NR	-	-	-	NR	-	-	-
Death	NR	NR	-	-	-	NR	-	-	-	NR	-	-	-
Other	NR	NR	-	-	-	NR	-	-	-	NR	-	-	-
Community Residential	6368	1162	39	1.1	1	511	25	23	10.1	779	17	158.2	27.7
Admission	1659	278	40	1.2	1	229	31	25	9.7	142	13	157.6	20.6
New referral	911	129	45	1.3	1	166	27	28	9.8	33	24	156.3	25.3
From other setting	619	134	40	1.2	1	34	26	24	7.0	109	9	158.7	17.3
Other	129	15	-	-	-	29	62	18	7.0	0	-	-	-
Review	3606	682	42	1.0	1	255	21	20	10.3	510	22	158.2	28.8
91-day review	2932	396	43	0.9	1	142	20	16	8.7	432	22	159.2	29.7
Other	674	286	41	1.1	1	113	21	25	10.1	78	21	151.9	22.1
Discharge	1103	202	26	1.0	1	27	11	25	6.6	127	1	173.0	-
No further care	303	10	-	-	-	5	-	-	-	5	20	173.0	-
Change of setting	736	192	28	1.0	1	15	20	25	6.6	120	-	-	-
Death	4	0	-	-	-	0	-	-	-	2	-	-	-
Other	60	0	-	-	-	7	-	-	-	0	-	-	-
Ambulatory	183071	36381	19	1.1	1	12734	13	25	9.3	54516	10	135.9	40.3
Admission	59047	11065	17	1.4	1	5662	12	28	9.6	15838	11	114.7	35.9
New referral	41546	6064	16	1.5	1	4421	12	28	9.4	9360	14	110.8	33.7
From other setting	13454	4769	20	1.4	1	459	10	28	9.9	5305	5	132.9	40.6
Other	4047	232	7	1.2	1	782	8	25	10.2	1173	10	116.1	35.8
Review	77232	15522	25	1.0	1	5222	17	23	8.6	25456	13	145.0	38.2
91-day review	62805	8187	28	0.9	1	4331	16	23	8.7	22280	12	146.8	38.0
Other	14427	7335	22	1.1	1	891	24	23	8.2	3176	14	134.7	37.8
Discharge	46792	9794	9	1.2	1	1850	7	20	8.1	13222	3	151.9	39.1
No further care	20595	3921	5	0.8	1	470	4	18	7.2	8250	4	156.8	37.0
Change of setting	15485	5865	12	1.3	1	649	6	23	8.0	3253	2	133.3	44.9
Death	209	8	-	-	-	12	-	-	-	93	1	124.0	-
Other	10503	0	-	-	-	719	9	19	8.1	1626	2	144.0	35.6

Explanatory Notes:

NR	Not Required	V%	Percentage of Valid Observations	-	No Valid Observations
CO	Overall Collection Occasions	M	Mean	SD	Standard Deviation

Table 2.1.4.1: Distribution of HoNOS Total Scores by Mental Health Service Setting for each Reason for Collection for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

		HoNOS-12							
		N	P5	P10	P25	P50	P75	P90	P95
Psychiatric Inpatient		80877	1	2	6	11	16	21	25
Admission		42166	4	6	9	14	18	23	27
	New referral	25640	5	6	9	14	19	23	27
	From other setting	13735	4	6	9	13	18	23	26
	Other	2791	4	6	10	14	19	24	26
Review		8400	2	3	7	11	16	21	24
	91-day review	5430	2	3	7	11	15	20	23
	Other	2970	1	3	6	11	16	21	24
Discharge		30311	-	1	3	6	10	15	19
	No further care	4889	-	1	3	6	10	16	19
	Change of setting	23728	-	1	3	6	10	15	19
	Death	25	0	2	8	18	22	28	28
	Other	1669	1	2	4	7	11	14	17
Community Residential		5550	1	2	5	9	14	19	22
Admission		1424	2	4	6	10	15	19	23
	New referral	832	2	4	7	10	15	20	23
	From other setting	516	2	3	6	11	14	19	22
	Other	76	1	2	6	12	17	19	22
Review		3249	1	2	5	9	14	19	22
	91-day review	2723	1	2	5	8	13	18	21
	Other	526	2	4	7	11	16	22	25
Discharge		877	1	2	4	8	12	17	21
	No further care	253	-	1	2	4	8	13	18
	Change of setting	607	1	3	5	9	13	18	21
	Death	2	13	13	13	19	-	-	-
	Other	15	2	2	3	6	13	20	-
Ambulatory		146073	1	2	5	9	14	19	22
Admission		50120	2	4	7	11	15	20	23
	New referral	36607	3	4	7	11	15	20	23
	From other setting	10663	2	3	6	10	15	20	23
	Other	2850	2	4	7	11	16	20	23
Review		69852	1	2	5	9	13	18	21
	91-day review	57846	1	2	5	8	13	18	21
	Other	12006	2	3	6	10	15	20	23
Discharge		26101	-	1	3	7	12	18	22
	No further care	13873	-	1	2	5	9	14	17
	Change of setting	9799	1	2	5	10	16	22	25
	Death	71	-	2	8	12	18	25	33
	Other	2358	-	-	2	6	11	16	19

Explanatory Notes:

N Number of Valid Observations - No Valid Observations Pnn nnth percentiles

Table 2.1.4.2: HoNOS Summary Score Profiles by Mental Health Service Setting for each Reason for Collection for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	CO	Behavioural Problems		Impairment		Symptomatic Problems		Social Problems		HoNOS-10	
	N	M	SD	M	SD	M	SD	M	SD	M	SD
Psychiatric Inpatient	80877	2.8	2.6	1.3	1.6	3.6	2.5	3.7	3.4	9.9	6.2
Admission	42166	3.9	2.7	1.4	1.6	4.6	2.4	4.5	3.6	12.5	5.7
New referral	25640	4.0	2.7	1.4	1.7	4.6	2.4	4.5	3.6	12.7	5.7
From other setting	13735	3.7	2.6	1.4	1.6	4.5	2.4	4.4	3.5	12.3	5.7
Other	2791	3.7	2.6	1.5	1.6	4.4	2.3	5.0	3.6	12.6	5.6
Review	8400	1.9	2.0	1.9	1.8	3.5	2.4	4.3	3.2	10.3	5.9
91-day review	5430	1.7	1.7	2.1	1.9	3.5	2.4	4.4	3.1	10.6	5.8
Other	2970	2.2	2.3	1.5	1.7	3.5	2.4	4.1	3.5	9.9	6.0
Discharge	30311	1.6	2.0	0.9	1.3	2.2	2.0	2.6	2.8	6.2	5.0
No further care	4889	1.7	2.1	0.9	1.3	1.9	1.9	2.6	2.9	6.0	4.9
Change of setting	23728	1.6	2.0	0.9	1.3	2.2	2.0	2.5	2.8	6.2	5.0
Death	25	3.4	2.8	2.6	2.9	4.0	3.1	5.3	4.6	13.0	7.2
Other	1669	1.5	1.8	1.1	1.3	2.3	1.9	3.1	2.7	6.9	4.4
Community Residential	5550	1.4	1.8	1.6	1.7	3.2	2.3	3.8	3.0	8.8	5.5
Admission	1424	1.7	2.0	1.5	1.6	3.7	2.3	4.1	3.2	9.6	5.4
New referral	832	1.8	2.1	1.5	1.6	3.8	2.3	4.0	3.2	9.7	5.4
From other setting	516	1.5	1.9	1.5	1.6	3.5	2.3	4.3	3.2	9.4	5.3
Other	76	1.8	2.3	1.5	1.2	3.8	2.3	4.2	3.3	9.9	5.5
Review	3249	1.3	1.6	1.8	1.7	3.1	2.3	3.7	2.9	8.8	5.6
91-day review	2723	1.2	1.5	1.7	1.7	2.9	2.2	3.5	2.8	8.4	5.5
Other	526	1.8	2.0	2.0	1.7	3.7	2.5	4.7	3.2	10.7	5.9
Discharge	877	1.4	1.9	1.3	1.5	2.7	2.2	3.3	3.0	7.6	5.4
No further care	253	0.9	1.5	0.9	1.2	2.0	1.8	2.1	2.7	5.2	4.4
Change of setting	607	1.6	2.0	1.4	1.6	3.0	2.3	3.8	3.0	8.6	5.4
Death	2	2.5	0.7	6.0	2.8	4.5	2.1	6.0	2.8	16.5	6.4
Other	15	2.2	2.9	1.3	1.4	2.2	1.6	3.1	3.8	7.7	5.5
Ambulatory	146073	1.8	2.1	1.4	1.5	3.2	2.3	3.5	3.0	8.6	5.5
Admission	50120	2.3	2.3	1.4	1.6	3.9	2.2	3.8	3.1	9.9	5.3
New referral	36607	2.3	2.3	1.4	1.6	4.0	2.2	3.8	3.1	10.1	5.2
From other setting	10663	2.2	2.3	1.3	1.5	3.4	2.3	3.8	3.1	9.2	5.6
Other	2850	2.4	2.3	1.5	1.5	3.9	2.3	4.0	3.0	10.4	5.4
Review	69852	1.4	1.8	1.5	1.5	3.0	2.2	3.6	3.0	8.2	5.3
91-day review	57846	1.3	1.7	1.4	1.5	2.9	2.2	3.5	3.0	8.0	5.2
Other	12006	1.7	2.1	1.6	1.6	3.3	2.3	4.1	3.2	9.1	5.6
Discharge	26101	1.6	2.1	1.1	1.5	2.5	2.3	2.9	3.0	7.1	5.7
No further care	13873	1.2	1.7	0.9	1.4	1.9	1.8	2.3	2.6	5.5	4.6
Change of setting	9799	2.3	2.4	1.4	1.6	3.4	2.6	3.9	3.4	9.5	6.4
Death	71	2.4	2.5	2.9	2.2	3.4	2.8	4.7	4.0	11.6	7.3
Other	2358	1.3	1.9	1.0	1.5	2.4	2.0	2.5	2.8	6.4	5.2

Explanatory Notes:

NR	Not Required	V%	Percentage of Valid Observations	-	No Valid Observations
CO	Overall Collection Occasions	M	Mean	SD	Standard Deviation

Table 2.1.5.1: HoNOS Item Rating Profiles (Number of Valid Observations) by Mental Health Service Setting for each Reason for Collection for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	H01	H02	H03	H04	H05	H06	H07	H08	H09	H10	H11	H12
	N	N	N	N	N	N	N	N	N	N	N	N
Psychiatric Inpatient	80690	80675	79503	80371	80507	80306	80426	76236	79964	80567	79127	78482
Admission	42029	42016	41005	41771	41871	41744	41814	39592	41485	41911	41314	40852
New referral	25547	25535	24911	25384	25446	25348	25418	24063	25198	25471	25114	24809
From other setting	13699	13697	13347	13607	13657	13617	13622	13076	13529	13659	13457	13353
Other	2783	2784	2747	2780	2768	2779	2774	2453	2758	2781	2743	2690
Review	8392	8392	8362	8362	8388	8327	8362	8209	8361	8392	8069	8020
91-day review	5424	5427	5411	5402	5423	5383	5401	5327	5404	5426	5180	5137
Other	2968	2965	2951	2960	2965	2944	2961	2882	2957	2966	2889	2883
Discharge	30269	30267	30136	30238	30248	30235	30250	28435	30118	30264	29744	29610
No further care	4878	4878	4847	4876	4869	4874	4884	4669	4846	4879	4746	4742
Change of setting	23702	23697	23602	23672	23688	23671	23674	22202	23584	23693	23335	23205
Death	25	25	25	25	25	24	24	23	25	25	23	23
Other	1664	1667	1662	1665	1666	1666	1668	1541	1663	1667	1640	1640
Community Residential	5539	5543	5523	5536	5538	5522	5524	5384	5532	5540	5453	5422
Admission	1419	1421	1413	1419	1416	1412	1415	1380	1417	1420	1412	1400
New referral	829	831	823	829	829	823	827	805	827	829	828	818
From other setting	514	515	514	515	514	514	513	502	515	515	508	506
Other	76	75	76	75	73	75	75	73	75	76	76	76
Review	3244	3245	3238	3243	3245	3235	3234	3155	3243	3243	3169	3156
91-day review	2718	2720	2717	2718	2721	2716	2712	2666	2719	2717	2656	2643
Other	526	525	521	525	524	519	522	489	524	526	513	513
Discharge	876	877	872	874	877	875	875	849	872	877	872	866
No further care	253	253	253	252	253	253	253	250	252	253	253	253
Change of setting	606	607	602	605	607	605	605	583	604	607	602	597
Death	2	2	2	2	2	2	2	2	2	2	2	2
Other	15	15	15	15	15	15	15	14	14	15	15	14
Ambulatory	145723	145802	144688	145595	145653	145424	145669	140099	145287	145694	145185	144503
Admission	49964	50016	49648	49923	49941	49886	49959	47846	49818	49934	49729	49445
New referral	36484	36534	36288	36467	36461	36445	36490	34917	36390	36461	36310	36122
From other setting	10640	10646	10549	10620	10644	10607	10630	10249	10591	10631	10590	10522
Other	2840	2836	2811	2836	2836	2834	2839	2680	2837	2842	2829	2801
Review	69714	69756	69262	69642	69697	69547	69699	67305	69512	69708	69519	69232
91-day review	57734	57771	57356	57679	57729	57583	57729	56051	57568	57739	57580	57346
Other	11980	11985	11906	11963	11968	11964	11970	11254	11944	11969	11939	11886
Discharge	26045	26030	25778	26030	26015	25991	26011	24948	25957	26052	25937	25826
No further care	13838	13837	13705	13834	13831	13832	13830	13436	13790	13852	13801	13742
Change of setting	9786	9771	9675	9778	9766	9743	9760	9185	9755	9774	9732	9691
Death	71	70	70	71	69	70	71	66	70	71	71	69
Other	2350	2352	2328	2347	2349	2346	2350	2261	2342	2355	2333	2324

Explanatory notes

N Number of Valid Observations - No Valid Observations

H01 - Overactive, aggressive, disruptive or agitated behaviour H02 - Non-accidental self-injury H03 - Problem drinking or drug-taking H04 - Cognitive problems

H05 - Physical illness or disability problems H06 - Problems associated with hallucinations and delusions H07 - Problems with depressed mood H08 - Other mental and behavioural problems

H09 - Problems with relationships H10 - Problems with activities of daily living H11 - Problems with living conditions H12 - Problems with occupation and activities

Table 2.1.5.2: HoNOS Item Rating Profiles (Percentage Clinically Significant¹) by Mental Health Service Setting for each Reason for Collection for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	CO	H01	H02	H03	H04	H05	H06	H07	H08	H09	H10	H11	H12
	N	%	%	%	%	%	%	%	%	%	%	%	%
Psychiatric Inpatient		34	21	31	19	17	41	37	36	45	28	19	23
Admission	42166	47	32	42	23	19	51	51	47	54	34	24	29
New referral	25640	46	33	43	22	19	49	54	48	54	33	25	29
From other setting	13735	48	29	38	23	19	55	47	46	53	34	23	28
Other	2791	44	29	42	24	20	53	46	42	61	39	29	33
Review	8400	34	8	13	30	25	51	21	39	52	47	15	20
91-day review	5430	34	5	10	34	28	52	17	42	53	53	12	18
Other	2970	33	12	20	24	19	50	28	34	50	36	21	25
Discharge	30311	16	9	20	10	13	24	23	20	31	14	12	15
No further care	4889	17	8	24	10	13	17	23	18	31	13	15	15
Change of setting	23728	16	9	19	10	13	25	22	20	30	14	12	15
Death	25	52	32	16	36	40	44	32	44	44	52	28	44
Other	1669	13	5	20	12	16	22	23	26	48	15	13	16
Community Residential	5550	18	6	14	23	23	37	28	36	43	39	11	18
Admission	1424	20	10	18	21	22	33	46	44	51	38	16	23
New referral	832	20	11	20	20	23	25	53	49	51	34	15	23
From other setting	516	20	7	16	22	20	44	35	36	51	44	17	22
Other	76	18	12	14	24	16	33	39	47	57	43	21	21
Review	3249	17	4	12	26	24	42	21	34	41	43	8	18
91-day review	2723	15	4	11	25	23	41	20	32	39	41	7	16
Other	526	25	7	19	32	26	50	28	43	56	52	13	26
Discharge	877	17	6	14	14	19	26	26	31	38	28	12	13
No further care	253	8	2	10	8	17	6	25	25	23	11	8	9
Change of setting	607	21	7	15	16	20	34	27	33	45	35	14	15
Death	2	50	-	-	100	100	-	100	50	50	50	-	50
Other	15	20	13	20	20	13	13	20	20	27	27	7	13
Ambulatory	146073	18	10	21	18	21	25	41	40	45	27	13	24
Admission	50120	24	17	27	18	22	23	58	51	51	27	15	26
New referral	36607	24	17	27	18	22	20	63	55	51	27	14	25
From other setting	10663	25	15	26	20	19	33	41	37	48	28	17	28
Other	2850	22	18	27	18	24	28	55	52	53	29	16	23
Review	69852	14	6	18	18	22	29	33	36	44	29	12	25
91-day review	57846	13	5	17	18	21	29	32	35	43	29	11	23
Other	12006	17	9	22	21	26	30	37	40	48	33	15	30
Discharge	26101	17	8	20	14	17	18	30	30	37	19	12	18
No further care	13873	11	4	17	9	16	9	25	24	30	12	8	14
Change of setting	9799	27	15	26	21	19	34	37	38	47	30	18	25
Death	71	25	21	28	27	55	28	51	30	45	45	20	30
Other	2358	11	7	18	12	17	9	32	34	35	14	9	13

Explanatory notes

CO - Collection Occasions	N - Number of Valid Observations	- No Valid Observations	¹ - Clinical Ratings of 2 or higher
H01 - Overactive, aggressive, disruptive or agitated behaviour	H02 - Non-accidental self-injury	H03 - Problem drinking or drug-taking	H04 - Cognitive problems
H05 - Physical illness or disability problems	H06 - Problems associated with hallucinations and delusions	H07 - Problems with depressed mood	H08 - Other mental and behavioural problems
H09 - Problems with relationships	H10 - Problems with activities of daily living	H11 - Problems with living conditions	H12 - Problems with occupation and activities

Table 2.1.5.3: HoNOS Item Rating Profiles (Means) by Mental Health Service Setting for each Reason for Collection for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	H01	H02	H03	H04	H05	H06	H07	H08	H09	H10	H11	H12
	M	M	M	M	M	M	M	M	M	M	M	M
Psychiatric Inpatient	1.1	0.7	1.0	0.7	0.6	1.3	1.2	1.1	1.4	0.9	0.7	0.8
Admission	1.5	1.1	1.4	0.8	0.6	1.6	1.6	1.5	1.7	1.1	0.9	1.0
New referral	1.5	1.1	1.4	0.8	0.6	1.5	1.7	1.5	1.7	1.0	0.9	1.0
From other setting	1.5	1.0	1.2	0.8	0.6	1.8	1.5	1.4	1.6	1.1	0.8	0.9
Other	1.4	1.0	1.3	0.8	0.7	1.7	1.5	1.4	1.8	1.2	1.0	1.1
Review	1.1	0.3	0.4	1.1	0.8	1.6	0.8	1.2	1.6	1.4	0.6	0.7
91-day review	1.1	0.2	0.3	1.2	0.9	1.6	0.7	1.2	1.7	1.6	0.5	0.7
Other	1.2	0.4	0.6	0.9	0.7	1.5	1.0	1.0	1.5	1.1	0.7	0.8
Discharge	0.6	0.3	0.7	0.4	0.4	0.8	0.8	0.6	1.0	0.5	0.5	0.6
No further care	0.6	0.3	0.8	0.4	0.4	0.6	0.8	0.6	1.0	0.5	0.5	0.6
Change of setting	0.6	0.3	0.6	0.4	0.4	0.8	0.8	0.6	1.0	0.5	0.5	0.5
Death	1.8	1.0	0.6	1.2	1.4	1.4	1.3	1.6	1.4	1.6	1.0	1.5
Other	0.5	0.3	0.7	0.5	0.5	0.7	0.9	0.8	1.4	0.6	0.5	0.6
Community Residential	0.7	0.2	0.5	0.9	0.8	1.1	1.0	1.1	1.4	1.2	0.5	0.7
Admission	0.8	0.4	0.6	0.8	0.7	1.0	1.5	1.3	1.5	1.2	0.6	0.8
New referral	0.8	0.4	0.6	0.8	0.8	0.8	1.6	1.4	1.5	1.1	0.6	0.8
From other setting	0.7	0.3	0.5	0.8	0.7	1.3	1.2	1.1	1.5	1.4	0.6	0.8
Other	0.8	0.5	0.6	0.9	0.6	1.1	1.3	1.5	1.6	1.2	0.7	0.7
Review	0.6	0.2	0.4	1.0	0.8	1.3	0.8	1.0	1.3	1.4	0.4	0.7
91-day review	0.6	0.2	0.4	0.9	0.8	1.2	0.8	0.9	1.3	1.3	0.4	0.6
Other	0.9	0.3	0.6	1.1	0.9	1.5	1.0	1.3	1.7	1.6	0.6	0.9
Discharge	0.7	0.2	0.5	0.6	0.7	0.8	0.9	1.0	1.3	1.0	0.5	0.6
No further care	0.4	0.1	0.4	0.4	0.6	0.2	0.9	0.9	1.0	0.4	0.3	0.4
Change of setting	0.8	0.3	0.5	0.7	0.7	1.1	1.0	1.0	1.4	1.2	0.6	0.6
Death	2.0	0.5	-	3.0	3.0	0.5	2.0	2.0	1.0	2.5	-	2.5
Other	0.8	0.5	0.9	0.7	0.5	0.5	1.0	0.8	1.1	0.9	0.6	0.6
Ambulatory	0.7	0.4	0.7	0.7	0.7	0.8	1.3	1.2	1.4	0.9	0.5	0.8
Admission	0.9	0.6	0.9	0.7	0.7	0.7	1.7	1.5	1.5	0.9	0.5	0.8
New referral	0.9	0.6	0.9	0.7	0.7	0.6	1.8	1.7	1.6	0.9	0.5	0.8
From other setting	0.9	0.5	0.8	0.7	0.6	1.0	1.3	1.1	1.5	0.9	0.6	0.9
Other	0.9	0.7	0.9	0.7	0.8	0.8	1.6	1.6	1.6	1.0	0.6	0.8
Review	0.6	0.2	0.6	0.7	0.8	0.9	1.1	1.1	1.4	0.9	0.5	0.8
91-day review	0.6	0.2	0.6	0.7	0.7	0.9	1.1	1.0	1.4	0.9	0.5	0.8
Other	0.7	0.4	0.7	0.8	0.9	0.9	1.2	1.2	1.5	1.0	0.6	1.0
Discharge	0.6	0.3	0.7	0.5	0.6	0.6	1.0	1.0	1.2	0.7	0.5	0.6
No further care	0.4	0.2	0.6	0.4	0.5	0.3	0.9	0.8	1.0	0.5	0.3	0.5
Change of setting	0.9	0.5	0.8	0.7	0.6	1.1	1.2	1.2	1.4	1.0	0.6	0.9
Death	0.8	0.7	0.9	1.0	1.9	0.9	1.5	1.1	1.5	1.5	0.7	1.0
Other	0.5	0.3	0.6	0.5	0.6	0.3	1.1	1.0	1.1	0.5	0.4	0.5

Explanatory notes

M Mean - No Valid Observations

H01 - Overactive, aggressive, disruptive or agitated behaviour H02 - Non-accidental self-injury H03 - Problem drinking or drug-taking H04 - Cognitive problems

H05 - Physical illness or disability problems H06 - Problems associated with hallucinations and delusions H07 - Problems with depressed mood H08 - Other mental and behavioural problems

H09 - Problems with relationships H10 - Problems with activities of daily living H11 - Problems with living conditions H12 - Problems with occupation and activities

Table 2.1.5.4: HoNOS Item Rating Profiles (Standard Deviations) by Mental Health Service Setting for each Reason for Collection for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	H01	H02	H03	H04	H05	H06	H07	H08	H09	H10	H11	H12
	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD
Psychiatric Inpatient	1.3	1.2	1.4	1.0	1.0	1.4	1.3	1.3	1.2	1.1	1.1	1.1
Admission	1.3	1.4	1.5	1.1	1.0	1.5	1.4	1.4	1.3	1.2	1.2	1.2
New referral	1.3	1.4	1.5	1.1	1.0	1.5	1.4	1.4	1.3	1.2	1.3	1.2
From other setting	1.3	1.4	1.4	1.1	1.0	1.5	1.3	1.4	1.2	1.2	1.2	1.2
Other	1.3	1.3	1.4	1.0	1.0	1.5	1.3	1.4	1.2	1.2	1.3	1.2
Review	1.2	0.8	1.0	1.2	1.1	1.4	1.0	1.3	1.2	1.2	1.0	1.1
91-day review	1.2	0.6	0.8	1.2	1.2	1.3	0.9	1.3	1.2	1.2	0.9	1.1
Other	1.3	0.9	1.1	1.1	1.0	1.4	1.1	1.3	1.2	1.2	1.2	1.1
Discharge	0.9	0.8	1.1	0.8	0.9	1.1	1.0	1.0	1.1	0.9	0.9	0.9
No further care	0.9	0.7	1.2	0.8	0.9	1.0	1.0	1.0	1.1	0.8	1.0	0.9
Change of setting	1.0	0.8	1.1	0.8	0.9	1.1	1.0	1.0	1.1	0.9	0.9	0.9
Death	1.6	1.6	1.2	1.7	1.7	1.6	1.4	1.6	1.5	1.7	1.5	1.6
Other	0.9	0.6	1.2	0.8	0.9	1.0	0.9	1.1	1.1	0.8	1.0	0.9
Community Residential	0.9	0.7	0.9	1.0	1.1	1.2	1.0	1.2	1.1	1.1	0.9	1.1
Admission	1.0	0.8	1.0	1.0	1.1	1.2	1.2	1.3	1.2	1.1	1.1	1.1
New referral	1.0	0.9	1.1	1.0	1.1	1.2	1.2	1.3	1.2	1.2	1.1	1.1
From other setting	1.0	0.7	1.0	0.9	1.0	1.3	1.1	1.2	1.1	1.1	1.1	1.1
Other	1.0	0.9	1.0	0.9	0.8	1.3	1.2	1.2	1.2	1.0	1.0	0.9
Review	0.9	0.6	0.9	1.0	1.1	1.2	0.9	1.2	1.1	1.1	0.8	1.1
91-day review	0.9	0.5	0.8	1.0	1.1	1.2	0.9	1.1	1.1	1.1	0.7	1.0
Other	1.0	0.7	1.1	1.1	1.1	1.3	1.0	1.2	1.1	1.1	1.0	1.3
Discharge	1.0	0.7	0.9	0.9	1.0	1.2	1.0	1.1	1.0	1.1	0.9	1.0
No further care	0.7	0.4	0.8	0.6	1.0	0.6	0.9	1.0	1.0	0.8	0.7	0.8
Change of setting	1.1	0.8	1.0	0.9	1.0	1.3	1.0	1.1	1.0	1.1	1.0	1.0
Death	1.4	0.7	-	1.4	1.4	0.7	-	1.4	1.4	2.1	-	2.1
Other	1.4	0.9	1.2	1.0	0.7	0.9	0.8	1.0	1.2	1.0	1.1	1.2
Ambulatory	1.0	0.9	1.1	0.9	1.1	1.1	1.1	1.3	1.1	1.0	0.9	1.1
Admission	1.1	1.1	1.2	0.9	1.1	1.2	1.2	1.3	1.2	1.0	1.0	1.1
New referral	1.1	1.1	1.2	0.9	1.1	1.1	1.2	1.3	1.2	1.1	0.9	1.1
From other setting	1.1	1.0	1.2	1.0	1.0	1.2	1.2	1.3	1.2	1.0	1.0	1.1
Other	1.0	1.1	1.2	0.9	1.1	1.2	1.2	1.3	1.1	1.0	1.0	1.0
Review	0.9	0.7	1.0	0.9	1.1	1.1	1.0	1.2	1.1	1.0	0.8	1.1
91-day review	0.8	0.6	1.0	0.9	1.0	1.1	1.0	1.2	1.1	1.0	0.8	1.1
Other	1.0	0.8	1.1	1.0	1.1	1.2	1.1	1.3	1.1	1.1	0.9	1.2
Discharge	1.0	0.8	1.1	0.9	1.0	1.1	1.1	1.2	1.1	1.0	0.9	1.0
No further care	0.8	0.6	1.0	0.8	1.0	0.7	0.9	1.0	1.0	0.8	0.7	0.9
Change of setting	1.2	1.0	1.2	1.0	1.0	1.3	1.2	1.3	1.2	1.1	1.0	1.1
Death	1.2	1.3	1.2	1.1	1.7	1.3	1.3	1.4	1.4	1.3	1.2	1.3
Other	0.8	0.7	1.0	0.8	1.0	0.8	1.0	1.2	1.1	0.9	0.8	0.9

Explanatory notes

SD - Standard Deviation

- No Valid Observations

H01 - Overactive, aggressive, disruptive or agitated behaviour

H02 - Non-accidental self-injury

H03 - Problem drinking or drug-taking

H04 - Cognitive problems

H05 - Physical illness or disability problems

H06 - Problems associated with hallucinations and delusions

H07 - Problems with depressed mood

H08 - Other mental and behavioural problems

H09 - Problems with relationships

H10 - Problems with activities of daily living

H11 - Problems with living conditions

H12 - Problems with occupation and activities

Table 2.1.6: LSP Summary Score Profiles by Mental Health Service Setting for each Reason for Collection for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	CO	Withdrawal		Self-care		Compliance		Anti-social behaviour		LSP-13	
	N	M	SD	M	SD	M	SD	M	SD	M	SD
Psychiatric Inpatient	NR	-	-	-	-	-	-	-	-	-	-
Admission	NR	-	-	-	-	-	-	-	-	-	-
New referral	NR	-	-	-	-	-	-	-	-	-	-
From other setting	NR	-	-	-	-	-	-	-	-	-	-
Other	NR	-	-	-	-	-	-	-	-	-	-
Review	NR	-	-	-	-	-	-	-	-	-	-
91-day review	NR	-	-	-	-	-	-	-	-	-	-
Other	NR	-	-	-	-	-	-	-	-	-	-
Discharge	NR	-	-	-	-	-	-	-	-	-	-
No further care	NR	-	-	-	-	-	-	-	-	-	-
Change of setting	NR	-	-	-	-	-	-	-	-	-	-
Death	NR	-	-	-	-	-	-	-	-	-	-
Other	NR	-	-	-	-	-	-	-	-	-	-
Community Residential	4823	3.9	2.8	4.7	3.5	2.0	2.0	2.4	2.6	10.9	7.4
Admission	806	3.8	2.9	4.1	3.4	1.9	2.1	2.3	2.6	10.3	7.4
New referral	464	3.7	3.0	3.7	3.4	1.7	2.1	2.2	2.6	9.5	7.6
From other setting	302	4.0	2.7	4.9	3.3	2.2	2.0	2.6	2.6	11.5	6.8
Other	40	3.2	2.8	3.7	3.6	2.3	2.4	2.3	2.6	9.3	8.1
Review	3193	4.0	2.9	5.0	3.5	2.1	2.0	2.4	2.6	11.4	7.4
91-day review	2694	3.9	2.9	4.8	3.5	1.9	2.0	2.2	2.6	11.0	7.4
Other	499	4.8	2.6	5.9	3.6	2.8	2.1	3.1	2.7	13.9	7.2
Discharge	824	3.4	2.6	3.9	3.3	2.0	1.9	2.3	2.5	9.6	7.0
No further care	236	2.3	2.4	1.8	2.6	1.1	1.7	1.5	2.3	5.6	6.3
Change of setting	558	4.0	2.5	4.8	3.2	2.3	1.9	2.7	2.5	11.4	6.5
Death	2	4.0	1.4	6.0	-	3.5	0.7	3.0	1.4	13.0	-
Other	28	2.6	2.5	2.9	2.7	2.1	2.5	2.4	3.1	7.8	7.1
Ambulatory	87821	3.3	2.8	3.2	3.0	1.7	2.0	2.0	2.3	8.5	6.7
Admission	NR	-	-	-	-	-	-	-	-	-	-
New referral	NR	-	-	-	-	-	-	-	-	-	-
From other setting	NR	-	-	-	-	-	-	-	-	-	-
Other	NR	-	-	-	-	-	-	-	-	-	-
Review	65263	3.5	2.8	3.4	3.0	1.7	1.9	1.9	2.3	8.8	6.6
91-day review	55095	3.4	2.8	3.4	3.0	1.7	1.9	1.8	2.2	8.6	6.6
Other	10168	3.9	2.7	3.9	3.1	2.0	2.0	2.3	2.4	10.0	6.5
Discharge	22558	2.8	2.6	2.7	3.0	1.7	2.0	2.1	2.5	7.5	7.0
No further care	12477	2.4	2.4	2.1	2.5	1.4	1.8	1.7	2.2	6.1	6.0
Change of setting	7007	3.6	2.9	3.8	3.4	2.3	2.3	2.9	2.9	10.4	7.9
Death	83	2.8	3.2	3.3	4.0	1.6	2.3	1.7	2.4	7.7	8.5
Other	2991	2.6	2.6	2.6	2.9	1.6	2.0	1.9	2.4	7.0	6.7
Explanatory Notes:											
NR	Not Required	V%	Percentage of Valid Observations			-	No Valid Observations				
CO	Overall Collection Occasions	M	Mean			SD	Standard Deviation				

Table 2.1.7: BASIS-32 Summary Score Profiles by Mental Health Service Setting for each Reason for Collection for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	CO N	Relation to Self/Others		Depression - Anxiety		Daily Living - Role Functioning		Impulsive - Addictive Behaviour		Psychosis	
		M	SD	M	SD	M	SD	M	SD	M	SD
Psychiatric Inpatient	NR	-	-	-	-	-	-	-	-	-	-
Admission	NR	-	-	-	-	-	-	-	-	-	-
New referral	NR	-	-	-	-	-	-	-	-	-	-
From other setting	NR	-	-	-	-	-	-	-	-	-	-
Other	NR	-	-	-	-	-	-	-	-	-	-
Review	NR	-	-	-	-	-	-	-	-	-	-
91-day review	NR	-	-	-	-	-	-	-	-	-	-
Other	NR	-	-	-	-	-	-	-	-	-	-
Discharge	NR	-	-	-	-	-	-	-	-	-	-
No further care	NR	-	-	-	-	-	-	-	-	-	-
Change of setting	NR	-	-	-	-	-	-	-	-	-	-
Death	NR	-	-	-	-	-	-	-	-	-	-
Other	NR	-	-	-	-	-	-	-	-	-	-
Community Residential	453	1.2	0.9	1.2	0.9	1.3	0.9	0.6	0.7	0.8	0.8
Admission	112	1.4	1.0	1.4	1.1	1.6	1.0	0.7	0.7	0.9	0.9
New referral	58	1.4	1.1	1.5	1.1	1.6	1.0	0.7	0.7	1.0	0.9
From other setting	54	1.4	1.0	1.3	1.1	1.5	1.0	0.8	0.7	0.8	0.8
Other	0	-	-	-	-	-	-	-	-	-	-
Review	288	1.1	0.9	1.1	0.8	1.3	0.8	0.5	0.6	0.8	0.8
91-day review	172	1.1	0.8	1.1	0.8	1.1	0.8	0.5	0.6	0.7	0.8
Other	116	1.3	0.9	1.2	0.9	1.5	0.9	0.6	0.7	0.9	0.9
Discharge	53	1.2	0.9	1.2	1.0	1.3	0.9	0.5	0.6	0.7	0.7
No further care	0	-	-	-	-	-	-	-	-	-	-
Change of setting	53	1.2	0.9	1.2	1.0	1.3	0.9	0.5	0.6	0.7	0.7
Death	0	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	-	-	-	-	-	-	-	-
Ambulatory	6764	1.4	1.1	1.4	1.1	1.4	1.0	0.6	0.8	0.7	0.8
Admission	1928	1.7	1.1	1.8	1.1	1.8	1.1	0.8	0.8	0.8	0.9
New referral	943	1.8	1.1	1.9	1.1	1.8	1.1	0.9	0.8	0.8	0.9
From other setting	968	1.6	1.1	1.7	1.1	1.7	1.0	0.8	0.8	0.7	0.9
Other	17	1.5	1.0	1.4	1.0	1.5	1.0	0.8	0.7	0.9	0.9
Review	3919	1.2	1.0	1.2	1.0	1.3	1.0	0.5	0.7	0.6	0.8
91-day review	2295	1.1	1.0	1.1	1.0	1.2	1.0	0.5	0.7	0.6	0.8
Other	1624	1.3	1.1	1.3	1.1	1.4	1.0	0.6	0.7	0.7	0.8
Discharge	917	1.3	1.0	1.4	1.1	1.4	1.0	0.7	0.8	0.6	0.9
No further care	202	0.9	0.8	0.9	0.8	1.0	0.8	0.4	0.6	0.3	0.5
Change of setting	715	1.5	1.1	1.6	1.2	1.5	1.1	0.8	0.8	0.7	0.9
Death	0	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	-	-	-	-	-	-	-	-

Explanatory Notes:

N	Number of Valid Observations	NR	Not Required	-	No Valid Observations
CO	Overall Collection Occasions	M	Mean	SD	Standard Deviation

Table 2.1.8: MHI-38 Summary Score Profiles by Mental Health Service Setting for each Reason for Collection for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	CO	Anxiety		Depression		Loss of Control		General Positive Affect		Emotional Ties		Life Satisfaction		Psych. Distress		Psych. Wellbeing	
	N	M	SD	M	SD	M	SD	M	SD	M	SD	M	SD	M	SD	M	SD
Psychiatric Inpatient	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Admission	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New referral	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
From other setting	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Review	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91-day review	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Discharge	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
No further care	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Change of setting	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Death	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Community Residential	132	22.5	7.6	9.4	3.6	21.2	7.1	37.3	9.4	6.6	2.7	4.0	1.1	58.3	18.2	51.7	13.0
Admission	18	23.3	5.8	10.0	3.5	23.0	6.6	38.6	7.9	6.9	2.5	4.1	0.8	61.7	13.8	53.7	11.0
New referral	8	23.4	7.6	9.4	2.8	23.9	7.7	36.9	8.3	7.0	2.6	4.3	1.0	61.9	16.2	52.1	12.7
From other setting	10	23.2	4.3	10.5	4.1	22.3	5.8	39.9	7.7	6.9	2.6	4.0	0.7	61.5	12.4	54.9	10.0
Other	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Review	113	22.4	7.9	9.4	3.6	20.9	7.1	37.1	9.7	6.5	2.7	4.0	1.2	57.9	18.9	51.5	13.3
91-day review	97	21.8	7.9	9.2	3.7	20.7	7.4	37.2	9.9	6.5	2.8	4.1	1.2	56.8	19.4	51.5	13.7
Other	16	25.9	6.7	10.6	2.9	22.3	5.7	36.5	8.1	6.9	2.2	3.8	1.1	64.6	14.1	50.9	11.2
Discharge	1	16.0	-	6.0	-	12.0	-	37.0	-	4.0	-	4.0	-	42.0	-	49.0	-
No further care	1	16.0	-	6.0	-	12.0	-	37.0	-	4.0	-	4.0	-	42.0	-	49.0	-
Change of setting	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Death	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ambulatory	5290	28.5	10.4	12.3	5.0	26.1	10.1	31.3	11.5	6.6	3.0	3.3	1.4	73.7	26.1	44.3	15.9
Admission	1692	33.5	9.7	15.1	4.7	31.1	9.5	26.2	10.0	5.9	2.9	2.6	1.3	87.6	24.0	37.3	13.8
New referral	1304	34.4	9.2	15.5	4.5	31.9	9.1	25.2	9.4	5.7	2.8	2.5	1.2	90.0	22.6	35.8	12.9
From other setting	273	29.5	10.5	13.0	5.1	27.6	10.7	31.4	11.6	6.6	3.0	3.2	1.4	76.9	27.1	44.4	16.0
Other	115	32.5	10.0	15.0	4.6	30.6	9.4	26.0	9.2	6.0	2.9	2.7	1.2	86.1	24.0	37.3	13.3
Review	3199	26.3	9.9	11.2	4.7	23.9	9.4	33.5	11.4	6.9	3.0	3.6	1.3	67.6	24.5	47.4	15.6
91-day review	2739	25.9	9.9	10.9	4.6	23.5	9.3	33.9	11.3	6.9	3.0	3.6	1.3	66.5	24.4	47.9	15.6
Other	460	28.8	9.7	12.4	4.7	26.3	9.8	31.0	11.2	6.4	3.1	3.4	1.3	74.1	24.3	43.9	15.3
Discharge	399	24.4	9.3	10.3	4.4	22.7	9.3	35.2	11.6	7.3	3.1	3.8	1.3	63.3	24.0	49.8	16.2
No further care	300	23.3	8.7	9.8	4.2	21.3	8.6	36.4	11.3	7.5	3.1	3.9	1.2	60.1	22.3	51.5	15.8
Change of setting	61	29.0	11.3	12.6	5.1	27.7	11.1	30.3	12.8	6.7	3.0	3.2	1.6	75.9	28.4	43.5	17.8
Death	1	28.0	-	11.0	-	30.0	-	26.0	-	4.0	-	2.0	-	76.0	-	34.0	-
Other	37	26.4	8.7	10.7	3.9	25.1	8.7	34.1	10.0	6.6	2.7	3.5	1.4	68.3	22.3	47.4	14.3

Explanatory Notes:

N	Number of Valid Observations	NR	Not Required	-	No Valid Observations
CO	Overall Collection Occasions	M	Mean	SD	Standard Deviation

Periods of Care Standard Reports

Table 2.2.1: Summary of the Nature and Volume of NOCC Periods of Care Data by Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	Overall Collection Occasions		Valid Sequences		Valid Periods of Care	
	N	%	N	%	N	%
<i>Psychiatric Inpatient</i>	101820	100.0	61170	100.0	24711	100.0
Any Admission > Any Review	1139	1.1	1139	1.9	1139	4.6
Single CO: Admission Only	30474	29.9	30474	49.8	0	-
Any Admission > Any Discharge	19443	19.1	19443	31.8	19443	78.7
Any Review > Any Review	4463	4.4	4463	7.3	3134	12.7
Single CO: Review Only	457	0.4	457	0.7	0	-
Any Review > Any Discharge	995	1.0	995	1.6	995	4.0
Single CO: Discharge Only	4199	4.1	4199	6.9	0	-
Invalid CO Sequence	40650	39.9	0	-	0	-
<i>Community Residential</i>	6368	100.0	2940	100.0	1196	100.0
Any Admission > Any Review	106	1.7	106	3.6	106	8.9
Single CO: Admission Only	782	12.3	782	26.6	0	-
Any Admission > Any Discharge	224	3.5	224	7.6	224	18.7
Any Review > Any Review	1156	18.2	1156	39.3	818	68.4
Single CO: Review Only	461	7.2	461	15.7	0	-
Any Review > Any Discharge	48	0.8	48	1.6	48	4.0
Single CO: Discharge Only	163	2.6	163	5.5	0	-
Invalid CO Sequence	3428	53.8	0	-	0	-
<i>Ambulatory</i>	183071	100.0	140377	100.0	54957	100.0
Any Admission > Any Review	7927	4.3	7927	5.6	7927	14.4
Single CO: Admission Only	45206	24.7	45206	32.2	0	-
Any Admission > Any Discharge	14942	8.2	14942	10.6	14942	27.2
Any Review > Any Review	39240	21.4	39240	28.0	25306	46.0
Single CO: Review Only	12735	7.0	12735	9.1	0	-
Any Review > Any Discharge	6782	3.7	6782	4.8	6782	12.3
Single CO: Discharge Only	13545	7.4	13545	9.6	0	-
Invalid CO Sequence	42694	23.3	0	-	0	-

Explanatory Notes

N	Number of Valid Observations
Valid Sequences	A set of Collection Occasions that is valid in terms of the ordering of reason for collection and the date of collection
Valid Periods of Care	A valid sequence with 2 consecutive Collection Occasions where changes over time can be measured
x > y	First Collection Occasion > Last Collection Occasion

Table 2.2.2.1: Distribution of Elapsed Days from Period Start to Period End for NOCC Periods of Care by Psychiatric Inpatient Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	N	M	SD	CV	P10	P25	P50	P75	P90
Any Admission > Any Review	1139	46.3	48.6	1.05	2	10	35	70	104
New referral > 91-day review	155	83.2	58.1	0.70	21	41	83	102	142
New referral > Other review	371	36.5	44.1	1.21	1	7	27	44	91
From other setting > 91-day review	149	75.7	51.1	0.68	18	35	84	98	135
From other setting > Other review	335	29.5	28.9	0.98	1	7	27	40	56
Other > 91-day review	37	78.9	59.9	0.76	2	19	89	100	159
Other > Other review	92	23.5	32.6	1.39	1	3	12	35	61
Any Admission > Any Discharge	19443	14.4	26.3	1.83	1	3	7	17	32
New referral > No further care	3272	11.9	34.5	2.89	1	1	4	10	23
New referral > Change of setting	7843	14.6	23.0	1.57	1	3	8	18	33
New referral > Death	10	22.4	17.8	0.80	3	6	16	39	51
New referral > Other	1789	12.3	23.0	1.86	1	1	4	14	31
From other setting > No further care	772	13.2	33.6	2.54	1	2	6	14	26
From other setting > Change of setting	4260	16.0	21.9	1.37	2	4	9	21	35
From other setting > Death	6	11.0	8.6	0.78	4	4	9	17	-
From other setting > Other	408	9.6	22.5	2.34	-	1	3	10	27
Other > No further care	124	25.6	56.3	2.20	2	3	9	22	55
Other > Change of setting	494	20.5	37.3	1.82	2	5	10	22	43
Other > Death	0	-	-	-	-	-	-	-	-
Other > Other	465	16.3	20.1	1.24	-	3	10	21	40
Any Review > Any Review	3134	95.1	59.3	0.62	28	76	91	105	153
91-day review > 91-day review	2410	100.5	49.4	0.49	61	83	91	105	154
91-day review > Other	148	66.1	55.1	0.83	5	27	56	95	135
Other > 91-day review	255	91.0	67.5	0.74	20	50	86	112	175
Other > Other	321	70.6	99.1	1.40	2	9	38	93	147
Any Review > Any Discharge	995	35.4	52.1	1.47	2	6	17	46	86
91-day review > No Further Care	95	98.9	88.0	0.89	21	36	73	135	257
91-day review > Change of Setting	197	44.9	46.1	1.03	6	12	30	67	95
91-day review > Death	4	51.5	20.5	0.40	26	32	52	71	-
91-day review > Discharge Other	20	45.5	40.2	0.88	3	14	41	66	94
Other > No Further Care	106	41.1	79.3	1.93	1	5	13	41	90
Other > Change of Setting	533	20.1	23.8	1.18	1	4	12	25	58
Other > Death	3	36.3	43.1	1.19	-	-	25	-	-
Other > Discharge Other	37	16.6	19.0	1.14	-	2	8	31	50
Explanatory Notes:									
N	Number of Valid Observations	M	Mean	CV	Coefficient of Variation				
-	No Valid Observations	SD	Standard Deviation	Pnn	nn th percentiles				

Table 2.2.2.2: Distribution of Elapsed Days from Period Start to Period End for NOCC Periods of Care by Community Residential Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	N	M	SD	CV	P10	P25	P50	P75	P90
Any Admission > Any Review	106	93.8	65.3	0.70	21	58	85	113	177
New referral > 91-day review	45	92.0	51.1	0.56	43	59	81	113	152
New referral > Other review	16	126.3	105.2	0.83	-	15	135	234	276
From other setting > 91-day review	32	82.1	33.5	0.41	23	61	91	94	120
From other setting > Other review	6	91.7	132.3	1.44	-	16	46	150	-
Other > 91-day review	6	88.8	67.8	0.76	1	27	91	149	-
Other > Other review	1	77.0	-	-	77	77	77	77	77
Any Admission > Any Discharge	224	31.0	29.6	0.95	6	20	28	31	47
New referral > No further care	90	27.8	15.5	0.56	15	23	28	30	31
New referral > Change of setting	56	38.2	38.9	1.02	6	24	29	31	81
New referral > Death	0	-	-	-	-	-	-	-	-
New referral > Other	5	6.2	10.4	1.68	-	-	-	16	-
From other setting > No further care	10	24.5	13.7	0.56	4	14	27	34	47
From other setting > Change of setting	51	32.8	38.6	1.18	4	11	25	33	64
From other setting > Death	0	-	-	-	-	-	-	-	-
From other setting > Other	3	46.0	49.4	1.07	15	15	20	-	-
Other > No further care	5	24.4	6.9	0.28	19	20	20	32	-
Other > Change of setting	4	25.3	16.7	0.66	5	9	26	41	-
Other > Death	0	-	-	-	-	-	-	-	-
Other > Other	0	-	-	-	-	-	-	-	-
Any Review > Any Review	818	89.5	48.8	0.55	32	69	90	102	135
91-day review > 91-day review	658	92.7	45.5	0.49	42	75	91	104	132
91-day review > Other	51	76.1	61.8	0.81	1	15	86	119	189
Other > 91-day review	61	79.8	56.5	0.71	14	42	77	100	165
Other > Other	48	71.2	59.5	0.84	5	21	84	89	139
Any Review > Any Discharge	48	87.1	75.2	0.86	17	32	61	124	195
91-day review > No Further Care	9	76.9	73.9	0.96	5	14	39	156	-
91-day review > Change of Setting	31	87.1	82.9	0.95	18	33	54	120	246
91-day review > Death	1	107.0	-	-	107	107	107	107	107
91-day review > Discharge Other	0	-	-	-	-	-	-	-	-
Other > No Further Care	1	32.0	-	-	32	32	32	32	32
Other > Change of Setting	5	119.6	36.4	0.30	74	85	126	151	-
Other > Death	1	49.0	-	-	49	49	49	49	49
Other > Discharge Other	0	-	-	-	-	-	-	-	-
Explanatory Notes:									
N	Number of Valid Observations	M	Mean	CV	Coefficient of Variation				
-	No Valid Observations	SD	Standard Deviation	Pnn	nn th percentiles				

Table 2.2.2.3: Distribution of Elapsed Days from Period Start to Period End for NOCC Periods of Care by Ambulatory Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	N	M	SD	CV	P10	P25	P50	P75	P90
Any Admission > Any Review	7927	101.6	67.5	0.66	25	68	92	119	181
New referral > 91-day review	3868	109.3	58.0	0.53	52	84	97	125	182
New referral > Other review	947	106.7	112.5	1.05	10	30	74	143	238
From other setting > 91-day review	1771	89.9	55.5	0.62	23	51	88	112	160
From other setting > Other review	233	64.0	69.4	1.08	5	19	44	85	153
Other > 91-day review	928	99.2	54.5	0.55	30	89	92	109	159
Other > Other review	180	84.4	70.4	0.83	7	25	89	100	193
Any Admission > Any Discharge	14942	67.4	82.8	1.23	-	8	41	95	168
New referral > No further care	5453	74.0	75.4	1.02	5	21	55	101	165
New referral > Change of setting	2781	94.0	118.9	1.27	-	8	45	137	268
New referral > Death	29	87.1	77.8	0.89	5	24	65	124	226
New referral > Other	3947	44.8	64.4	1.44	-	-	14	68	130
From other setting > No further care	1195	62.3	63.9	1.03	6	14	41	91	151
From other setting > Change of setting	687	44.5	54.4	1.22	-	7	25	62	115
From other setting > Death	14	76.3	66.4	0.87	6	19	51	135	180
From other setting > Other	120	66.7	68.3	1.02	-	5	48	94	166
Other > No further care	223	73.6	60.3	0.82	5	16	72	103	152
Other > Change of setting	153	73.3	89.0	1.21	-	8	57	96	167
Other > Death	5	46.0	40.4	0.88	11	15	31	85	-
Other > Other	335	62.1	65.7	1.06	-	6	49	93	138
Any Review > Any Review	25306	113.8	73.4	0.65	47	83	97	132	193
91-day review > 91-day review	20104	110.8	57.8	0.52	57	84	97	126	182
91-day review > Other	1260	116.2	113.7	0.98	9	33	86	174	256
Other > 91-day review	1787	117.8	92.2	0.78	31	70	95	141	220
Other > Other	2155	136.7	129.7	0.95	10	50	105	185	264
Any Review > Any Discharge	6782	86.6	77.2	0.89	13	35	70	112	179
91-day review > No Further Care	3416	84.8	66.4	0.78	16	39	74	110	163
91-day review > Change of Setting	1481	82.7	81.5	0.99	9	29	60	108	181
91-day review > Death	61	95.0	73.4	0.77	12	39	74	135	196
91-day review > Discharge Other	606	84.3	72.0	0.85	13	35	71	105	182
Other > No Further Care	658	103.0	90.5	0.88	14	42	82	138	221
Other > Change of Setting	370	105.6	120.0	1.14	9	28	74	133	233
Other > Death	6	106.0	153.9	1.45	6	32	50	160	-
Other > Discharge Other	184	58.7	67.1	1.14	-	4	40	85	143

Explanatory Notes:

N	Number of Valid Observations	M	Mean	CV	Coefficient of Variation
-	No Valid Observations	SD	Standard Deviation	Pnn	nn th percentiles

Table 2.2.3.1: Completion Rates of the Core Clinical and Self-Report Measures for NOCC Periods of Care Data by Psychiatric Inpatient Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	VP	HoNOS			Consumer Self-Report		
		Start	End	Start & End	Start	End	Start & End
		N	%	%	%	%	%
Any Admission > Any Review	1139	88.6	86.2	79.8	NR	NR	NR
New referral > 91-day review	155	91.0	94.8	89.0	NR	NR	NR
New referral > Other review	371	88.1	84.9	79.5	NR	NR	NR
From other setting > 91-day review	149	94.6	96.0	91.3	NR	NR	NR
From other setting > Other review	335	88.4	80.0	72.5	NR	NR	NR
Other > 91-day review	37	73.0	86.5	73.0	NR	NR	NR
Other > Other review	92	83.7	83.7	76.1	NR	NR	NR
Any Admission > Any Discharge	19443	84.2	70.7	64.9	NR	NR	NR
New referral > No further care	3272	87.6	63.3	56.8	NR	NR	NR
New referral > Change of setting	7843	87.3	78.7	72.4	NR	NR	NR
New referral > Death	10	100.0	90.0	90.0	NR	NR	NR
New referral > Other	1789	57.6	30.1	29.4	NR	NR	NR
From other setting > No further care	772	82.4	70.7	64.1	NR	NR	NR
From other setting > Change of setting	4260	85.7	78.0	71.3	NR	NR	NR
From other setting > Death	6	100.0	66.7	66.7	NR	NR	NR
From other setting > Other	408	93.6	43.1	42.2	NR	NR	NR
Other > No further care	124	87.1	83.9	78.2	NR	NR	NR
Other > Change of setting	494	81.0	82.4	72.3	NR	NR	NR
Other > Death	0	-	-	-	NR	NR	NR
Other > Other	465	91.8	82.8	80.6	NR	NR	NR
Any Review > Any Review	3134	94.0	95.7	91.3	NR	NR	NR
91-day review > 91-day review	2410	95.9	97.1	93.5	NR	NR	NR
91-day review > Other	148	91.2	85.1	83.8	NR	NR	NR
Other > 91-day review	255	82.7	97.3	81.6	NR	NR	NR
Other > Other	321	89.4	89.1	85.7	NR	NR	NR
Any Review > Any Discharge	995	85.0	87.2	76.9	NR	NR	NR
91-day review > No Further Care	95	94.7	89.5	84.2	NR	NR	NR
91-day review > Change of Setting	197	95.4	93.9	89.3	NR	NR	NR
91-day review > Death	4	100.0	50.0	50.0	NR	NR	NR
91-day review > Discharge Other	20	100.0	85.0	85.0	NR	NR	NR
Other > No Further Care	106	66.0	78.3	56.6	NR	NR	NR
Other > Change of Setting	533	81.4	86.3	73.9	NR	NR	NR
Other > Death	3	100.0	100.0	100.0	NR	NR	NR
Other > Discharge Other	37	100.0	89.2	89.2	NR	NR	NR
Explanatory Notes:							
VP	Valid Periods of Care	Start	Measure completed at Start of Period		End	Measure completed at End of Period	
N	Number of Valid Observations	-	No Valid Observations				

Table 2.2.3.2: Completion Rates of the Core Clinical and Self-Report Measures for NOCC Periods of Care Data by Community Residential Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	VP	HoNOS			Consumer Self-Report		
		Start	End	Start & End	Start	End	Start & End
		N	%	%	%	%	%
Any Admission > Any Review	106	88.7	95.3	86.8	25.5	23.6	18.9
New referral > 91-day review	45	97.8	100.0	97.8	24.4	17.8	15.6
New referral > Other review	16	93.8	100.0	93.8	75.0	68.8	68.8
From other setting > 91-day review	32	78.1	100.0	78.1	6.3	9.4	3.1
From other setting > Other review	6	100.0	83.3	83.3	33.3	33.3	16.7
Other > 91-day review	6	50.0	50.0	50.0	-	-	-
Other > Other review	1	100.0	-	-	-	100.0	-
Any Admission > Any Discharge	224	89.7	92.4	85.7	4.0	1.3	1.3
New referral > No further care	90	97.8	97.8	96.7	-	-	-
New referral > Change of setting	56	89.3	92.9	85.7	8.9	3.6	3.6
New referral > Death	0	-	-	-	-	-	-
New referral > Other	5	100.0	20.0	20.0	-	-	-
From other setting > No further care	10	80.0	80.0	80.0	20.0	10.0	10.0
From other setting > Change of setting	51	82.4	94.1	78.4	2.0	-	-
From other setting > Death	0	-	-	-	-	-	-
From other setting > Other	3	33.3	66.7	33.3	-	-	-
Other > No further care	5	100.0	100.0	100.0	20.0	-	-
Other > Change of setting	4	50.0	75.0	50.0	-	-	-
Other > Death	0	-	-	-	-	-	-
Other > Other	0	-	-	-	-	-	-
Any Review > Any Review	818	94.4	96.7	91.3	14.7	13.9	8.2
91-day review > 91-day review	658	95.7	97.7	93.8	10.3	9.6	5.9
91-day review > Other	51	96.1	90.2	86.3	19.6	25.5	5.9
Other > 91-day review	61	82.0	95.1	77.0	31.1	29.5	18.0
Other > Other	48	89.6	91.7	81.3	47.9	41.7	29.2
Any Review > Any Discharge	48	93.8	95.8	89.6	18.8	18.8	14.6
91-day review > No Further Care	9	88.9	100.0	88.9	-	-	-
91-day review > Change of Setting	31	93.5	93.5	87.1	19.4	16.1	12.9
91-day review > Death	1	100.0	100.0	100.0	-	-	-
91-day review > Discharge Other	0	-	-	-	-	-	-
Other > No Further Care	1	100.0	100.0	100.0	-	-	-
Other > Change of Setting	5	100.0	100.0	100.0	60.0	80.0	60.0
Other > Death	1	100.0	100.0	100.0	-	-	-
Other > Discharge Other	0	-	-	-	-	-	-
Explanatory Notes:							
VP	Valid Periods of Care	Start	Measure completed at Start of Period		End	Measure completed at End of Period	
N	Number of Valid Observations	-	No Valid Observations				

Table 2.2.3.3: Completion Rates of the Core Clinical and Self-Report Measures for NOCC Periods of Care Data by Ambulatory Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	VP N	HoNOS			Consumer Self-Report		
		Start	End	Start & End	Start	End	Start & End
		%	%	%	%	%	%
Any Admission > Any Review	7927	86.4	88.0	78.6	9.5	9.7	3.8
New referral > 91-day review	3868	91.8	89.4	84.0	12.3	10.0	5.4
New referral > Other review	947	89.9	79.4	74.8	8.8	11.7	3.4
From other setting > 91-day review	1771	90.2	93.6	85.9	5.8	10.6	1.9
From other setting > Other review	233	83.3	87.1	73.8	10.3	16.3	5.2
Other > 91-day review	928	62.6	83.2	55.5	6.4	3.3	1.8
Other > Other review	180	40.6	73.3	34.4	5.0	6.1	1.1
Any Admission > Any Discharge	14942	85.0	48.5	45.7	5.8	2.1	1.4
New referral > No further care	5453	90.3	63.3	61.0	8.3	2.1	1.2
New referral > Change of setting	2781	85.4	50.1	47.9	5.9	3.8	3.1
New referral > Death	29	86.2	31.0	27.6	3.4	-	-
New referral > Other	3947	81.9	14.6	13.8	1.1	0.6	0.4
From other setting > No further care	1195	84.9	74.6	66.8	10.5	2.7	1.3
From other setting > Change of setting	687	81.7	69.7	66.2	7.6	3.6	2.6
From other setting > Death	14	92.9	42.9	42.9	-	-	-
From other setting > Other	120	60.0	25.0	22.5	2.5	1.7	1.7
Other > No further care	223	59.2	61.0	39.5	4.5	1.3	0.9
Other > Change of setting	153	60.1	52.9	41.2	2.0	1.3	0.7
Other > Death	5	60.0	80.0	40.0	-	-	-
Other > Other	335	76.1	55.5	51.0	6.0	0.9	0.3
Any Review > Any Review	25306	92.0	91.8	86.5	10.8	10.1	4.7
91-day review > 91-day review	20104	93.6	93.2	89.2	9.3	8.5	4.1
91-day review > Other	1260	87.0	83.7	74.9	11.6	18.7	5.5
Other > 91-day review	1787	86.4	92.7	81.3	18.9	15.6	8.4
Other > Other	2155	83.9	82.3	72.7	17.5	15.9	6.6
Any Review > Any Discharge	6782	86.3	69.7	65.1	10.1	3.5	2.1
91-day review > No Further Care	3416	88.2	73.2	68.8	10.9	3.8	2.0
91-day review > Change of Setting	1481	91.2	76.9	73.0	8.8	2.7	2.4
91-day review > Death	61	93.4	37.7	34.4	6.6	1.6	-
91-day review > Discharge Other	606	72.3	45.4	41.6	4.3	2.3	1.2
Other > No Further Care	658	84.7	68.4	61.6	14.7	2.7	1.4
Other > Change of Setting	370	83.5	65.1	60.8	9.2	5.1	3.2
Other > Death	6	100.0	16.7	16.7	16.7	-	-
Other > Discharge Other	184	67.9	52.7	42.4	9.8	8.7	5.4
Explanatory Notes:							
VP	Valid Periods of Care	Start	Measure completed at Start of Period		End	Measure completed at End of Period	
N	Number of Valid Observations	-	No Valid Observations				

Table 2.2.4.1: HoNOS Change Scores for NOCC Periods of Care by Psychiatric Inpatient Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	VP	Start score		End score		Change score		Effect size statistics				
		M	SD	M	SD	M	SD	CV	ρ	d	LCI	UCI
Any Admission > Any Review	909	15.1	7.1	11.7	6.7	3.4	7.5	2.2	0.40	0.45	0.23	0.67
New referral > 91-day review	138	15.1	8.4	11.9	6.8	3.2	7.2	2.2	0.57	0.45	-0.09	0.99
New referral > Other review	295	15.5	7.2	11.8	6.9	3.7	7.8	2.1	0.39	0.47	0.05	0.89
From other setting > 91-day review	136	14.1	6.7	12.2	6.3	1.9	7.4	3.8	0.35	0.26	-0.06	0.58
From other setting > Other review	243	14.6	6.5	11.8	6.7	2.8	7.3	2.6	0.40	0.38	0.04	0.73
Other > 91-day review	27	16.7	7.6	11.3	6.2	5.3	9.4	1.8	0.07	0.55	-1.48	2.57
Other > Other review	70	16.7	6.4	10.1	6.2	6.6	6.5	1.0	0.47	1.01	-0.53	2.54
Any Admission > Any Discharge	12609	14.3	6.6	7.0	5.7	7.2	7.3	1.0	0.31	1.00	0.87	1.12
New referral > No further care	1860	14.1	6.6	6.7	5.6	7.4	7.5	1.0	0.25	0.99	0.66	1.33
New referral > Change of setting	5678	14.3	6.7	7.3	6.0	7.0	7.5	1.1	0.32	0.94	0.76	1.12
New referral > Death	9	20.6	8.4	18.2	8.6	2.3	7.1	3.0	0.65	0.30	-1.29	1.88
New referral > Other	526	14.6	6.6	7.2	5.0	7.4	6.9	0.9	0.31	1.06	0.44	1.69
From other setting > No further care	495	14.1	6.7	6.8	5.7	7.3	7.0	1.0	0.37	1.04	0.40	1.67
From other setting > Change of setting	3036	13.8	6.4	6.4	5.1	7.4	7.0	0.9	0.27	1.06	0.80	1.32
From other setting > Death	4	17.0	13.0	14.8	8.9	2.3	5.6	2.5	0.94	0.29	-2.47	3.05
From other setting > Other	172	15.7	6.1	8.2	5.9	7.5	6.5	0.9	0.41	1.14	0.04	2.25
Other > No further care	97	13.7	6.5	6.6	4.9	7.1	6.7	0.9	0.33	1.05	-0.35	2.45
Other > Change of setting	357	14.8	6.9	7.3	5.3	7.5	7.2	1.0	0.33	1.04	0.27	1.81
Other > Death	0	-	-	-	-	-	-	-	-	-	-	-
Other > Other	375	15.8	6.2	8.5	4.8	7.3	6.2	0.9	0.37	1.16	0.44	1.89
Any Review > Any Review	2861	12.7	6.5	12.4	6.6	0.3	5.0	16.7	0.71	0.06	0.05	0.07
91-day review > 91-day review	2254	12.8	6.4	12.5	6.5	0.3	4.6	16.4	0.74	0.06	0.05	0.07
91-day review > Other	124	12.7	6.6	13.7	6.6	-1.0	5.6	5.6	0.64	-0.18	-0.35	0.00
Other > 91-day review	208	13.2	6.7	12.9	6.7	0.3	6.4	22.5	0.55	0.04	0.01	0.08
Other > Other	275	12.0	7.1	11.0	7.2	1.0	6.2	6.0	0.63	0.17	0.05	0.29
Any Review > Any Discharge	765	11.0	6.7	7.8	6.3	3.2	6.6	2.1	0.48	0.48	0.26	0.71
91-day review > No Further Care	80	9.3	5.3	7.6	5.7	1.8	3.6	2.0	0.79	0.49	0.12	0.86
91-day review > Change of Setting	176	10.6	6.0	8.7	6.9	2.0	5.8	2.9	0.60	0.34	0.05	0.63
91-day review > Death	2	11.5	9.2	11.0	9.9	0.5	0.7	1.4	1.00	-	-	-
91-day review > Discharge Other	17	11.8	6.4	9.1	5.7	2.8	4.6	1.7	0.72	0.57	-0.74	1.88
Other > No Further Care	60	11.3	6.3	9.2	7.0	2.1	8.5	4.1	0.18	0.24	-0.29	0.78
Other > Change of Setting	394	11.5	7.3	7.3	6.0	4.3	6.9	1.6	0.47	0.62	0.20	1.03
Other > Death	3	14.7	11.0	17.3	7.2	-2.7	16.0	6.0	-0.52	-0.10	-	-
Other > Discharge Other	33	10.4	6.0	6.9	4.6	3.4	6.6	1.9	0.24	0.50	-0.66	1.67
Explanatory Notes												
VP	Valid Periods of Care	M	Mean				ρ	Correlation Coefficient				
N	Valid Observations	SD	Standard Deviation				d	Unbiased Effect Size Estimator				
-	No Valid Observations	CV	Coefficient of Variation				LCI	Lower 95% Confidence Interval				
							UCI	Upper 95% Confidence Interval				

Table 2.2.4.2: HoNOS Change Scores for NOCC Periods of Care by Community Residential Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	VP	Start score		End score		Change score		Effect size statistics				
		M	SD	M	SD	M	SD	CV	ρ	d	LCI	UCI
Any Admission > Any Review	92	10.3	6.4	10.4	6.1	-0.1	4.3	40.0	0.76	-0.02	-0.05	0.00
New referral > 91-day review	44	11.8	6.7	11.1	6.1	0.6	4.0	6.6	0.80	0.15	-0.03	0.33
New referral > Other review	15	10.9	6.6	12.7	5.6	-1.8	2.9	1.6	0.90	-0.58	-1.46	0.30
From other setting > 91-day review	25	8.6	5.5	8.6	6.0	-	5.5	-	0.53	-	-0.08	0.08
From other setting > Other review	5	7.4	7.2	9.8	6.6	-2.4	3.9	1.6	0.84	-0.49	-2.82	1.84
Other > 91-day review	3	4.0	2.0	3.3	1.5	0.7	2.1	3.1	0.33	0.18	-	-
Other > Other review	0	-	-	-	-	-	-	-	-	-	-	-
Any Admission > Any Discharge	192	9.6	4.4	6.1	4.8	3.5	3.9	1.1	0.64	0.89	0.41	1.37
New referral > No further care	87	8.5	3.9	4.6	3.7	4.0	3.4	0.9	0.60	1.15	0.35	1.95
New referral > Change of setting	48	11.8	4.9	8.1	5.6	3.6	4.2	1.2	0.69	0.85	-0.16	1.86
New referral > Death	0	-	-	-	-	-	-	-	-	-	-	-
New referral > Other	1	14.0	-	14.0	-	-	-	-	-	-	-	-
From other setting > No further care	8	10.5	4.8	4.9	4.2	5.6	2.9	0.5	0.79	1.71	-2.17	5.59
From other setting > Change of setting	40	9.4	3.5	7.4	4.8	2.0	4.5	2.2	0.46	0.44	-0.17	1.05
From other setting > Death	0	-	-	-	-	-	-	-	-	-	-	-
From other setting > Other	1	4.0	-	3.0	-	1.0	-	-	-	-	-	-
Other > No further care	5	7.2	5.1	5.2	4.8	2.0	1.9	0.9	0.93	0.86	-0.90	2.61
Other > Change of setting	2	14.5	0.7	6.0	4.2	8.5	3.5	0.4	1.00	-	-	-
Other > Death	0	-	-	-	-	-	-	-	-	-	-	-
Other > Other	0	-	-	-	-	-	-	-	-	-	-	-
Any Review > Any Review	747	10.1	6.5	9.8	6.3	0.3	3.9	14.2	0.82	0.07	0.05	0.09
91-day review > 91-day review	617	9.8	6.4	9.4	6.3	0.4	3.8	10.3	0.82	0.10	0.07	0.13
91-day review > Other	44	10.3	5.7	12.0	6.9	-1.7	4.6	2.7	0.74	-0.37	-0.87	0.13
Other > 91-day review	47	11.5	6.5	10.3	5.7	1.1	3.9	3.4	0.80	0.29	-0.03	0.61
Other > Other	39	12.4	7.0	12.4	6.2	-0.1	3.1	60.7	0.90	-0.02	-0.04	0.01
Any Review > Any Discharge	43	10.7	6.1	8.9	6.2	1.9	3.7	2.0	0.82	0.49	-0.05	1.03
91-day review > No Further Care	8	10.3	4.3	6.5	3.4	3.8	3.1	0.8	0.70	1.07	-1.54	3.68
91-day review > Change of Setting	27	8.9	5.2	7.9	4.9	1.0	3.6	3.6	0.74	0.27	-0.10	0.64
91-day review > Death	1	19.0	-	13.0	-	6.0	-	-	-	-	-	-
91-day review > Discharge Other	0	-	-	-	-	-	-	-	-	-	-	-
Other > No Further Care	1	12.0	-	2.0	-	10.0	-	-	-	-	-	-
Other > Change of Setting	5	16.6	7.6	15.0	9.0	1.6	2.3	1.4	0.98	0.56	-0.91	2.02
Other > Death	1	24.0	-	25.0	-	-1.0	-	-	-	-	-	-
Other > Discharge Other	0	-	-	-	-	-	-	-	-	-	-	-
Explanatory Notes												
VP	Valid Periods of Care	M	Mean				ρ	Correlation Coefficient				
N	Valid Observations	SD	Standard Deviation				d	Unbiased Effect Size Estimator				
-	No Valid Observations	CV	Coefficient of Variation				LCI	Lower 95% Confidence Interval				
							UCI	Upper 95% Confidence Interval				

Table 2.2.4.3: HoNOS Change Scores for NOCC Periods of Care by Ambulatory Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	VP	Start score		End score		Change score		Effect size statistics				
		M	SD	M	SD	M	SD	CV	ρ	d	LCI	UCI
Any Admission > Any Review	6228	11.0	6.2	9.4	6.0	1.6	6.1	3.9	0.51	0.26	0.22	0.30
New referral > 91-day review	3250	11.3	6.0	8.9	5.7	2.4	5.5	2.3	0.57	0.43	0.35	0.51
New referral > Other review	708	12.4	6.3	10.8	6.7	1.6	6.2	3.9	0.54	0.25	0.14	0.37
From other setting > 91-day review	1521	9.6	6.2	9.6	6.2	0.0	6.9	308.9	0.37	0.00	0.00	0.01
From other setting > Other review	172	10.8	7.3	10.9	6.1	0.0	6.7	144.1	0.51	-0.01	-0.02	0.01
Other > 91-day review	515	10.8	6.4	9.3	6.2	1.5	5.6	3.8	0.62	0.26	0.14	0.39
Other > Other review	62	12.3	7.0	10.0	5.8	2.3	5.9	2.6	0.59	0.39	-0.18	0.96
Any Admission > Any Discharge	6823	11.4	6.1	7.9	6.4	3.5	6.1	1.8	0.52	0.57	0.49	0.65
New referral > No further care	3329	11.4	5.8	6.5	5.3	4.9	5.3	1.1	0.55	0.93	0.77	1.10
New referral > Change of setting	1332	12.4	6.4	10.5	7.0	1.9	6.0	3.2	0.61	0.32	0.22	0.42
New referral > Death	8	16.6	7.3	15.0	10.4	1.6	7.2	4.4	0.72	0.20	-0.99	1.39
New referral > Other	544	10.6	5.9	6.7	5.8	3.9	4.9	1.2	0.65	0.80	0.48	1.12
From other setting > No further care	798	11.0	6.0	7.2	5.5	3.8	6.0	1.6	0.46	0.63	0.37	0.88
From other setting > Change of setting	455	10.4	6.5	13.8	7.6	-3.3	8.4	2.5	0.30	-0.40	-0.70	-0.09
From other setting > Death	6	12.0	8.7	17.2	7.4	-5.2	7.0	1.4	0.63	-0.62	-5.09	3.85
From other setting > Other	27	12.8	6.4	9.0	6.5	3.8	5.0	1.3	0.70	0.73	-0.68	2.14
Other > No further care	88	10.3	6.1	5.9	5.2	4.5	4.9	1.1	0.63	0.90	-0.02	1.81
Other > Change of setting	63	13.6	7.3	12.7	7.8	1.0	5.5	5.6	0.74	0.18	-0.06	0.41
Other > Death	2	17.5	9.2	20.0	28.3	-2.5	19.1	7.6	1.00	-	-	-
Other > Other	171	10.9	5.2	7.0	5.1	3.9	4.0	1.0	0.70	0.97	0.41	1.53
Any Review > Any Review	21898	9.3	6.0	8.8	5.9	0.4	4.6	10.8	0.70	0.09	0.09	0.10
91-day review > 91-day review	17934	9.0	5.9	8.6	5.9	0.4	4.5	11.4	0.71	0.09	0.08	0.09
91-day review > Other	944	10.0	6.1	10.3	6.4	-0.3	5.8	19.3	0.57	-0.05	-0.07	-0.03
Other > 91-day review	1453	10.6	6.2	9.2	5.6	1.4	5.2	3.9	0.62	0.26	0.19	0.33
Other > Other	1567	10.5	6.1	10.1	6.2	0.4	4.8	11.7	0.69	0.09	0.07	0.11
Any Review > Any Discharge	4414	8.6	5.9	7.5	6.6	1.1	5.2	4.6	0.66	0.22	0.18	0.25
91-day review > No Further Care	2351	7.6	5.2	5.4	5.0	2.2	4.1	1.8	0.69	0.54	0.46	0.63
91-day review > Change of Setting	1081	10.0	6.3	11.9	7.5	-1.8	6.2	3.3	0.61	-0.30	-0.41	-0.19
91-day review > Death	21	10.2	5.6	11.9	7.5	-1.7	4.8	2.8	0.77	-0.34	-1.07	0.39
91-day review > Discharge Other	252	8.9	6.0	7.2	5.8	1.7	4.7	2.7	0.69	0.36	0.16	0.57
Other > No Further Care	405	8.9	6.0	5.9	5.1	3.1	4.5	1.5	0.69	0.68	0.39	0.98
Other > Change of Setting	225	11.8	6.7	11.5	7.5	0.3	6.2	23.9	0.63	0.04	0.01	0.08
Other > Death	1	10.0	-	6.0	-	4.0	-	-	-	-	-	-
Other > Discharge Other	78	8.6	7.4	7.1	6.9	1.4	6.3	4.5	0.61	0.22	-0.09	0.53
Explanatory Notes												
VP	Valid Periods of Care	M	Mean				ρ	Correlation Coefficient				
N	Valid Observations	SD	Standard Deviation				d	Unbiased Effect Size Estimator				
-	No Valid Observations	CV	Coefficient of Variation				LCI	Lower 95% Confidence Interval				
							UCI	Upper 95% Confidence Interval				

Episodes of Care Standard Reports

Table 2.3.1: Summary of the Nature and Volume of NOCC Episodes of Care Data by Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	Overall Collection Occasions		Valid Sequences		Valid Episodes	
	N	%	N	%	N	%
<i>Psychiatric Inpatient</i>	101820	100.0	36459	100.0	21911	100.0
Any Admission > Any Review	1447	1.4	535	1.5	535	2.4
Single CO: Admission Only	9892	9.7	9892	27.1	0	-
Any Admission > Any Discharge	40839	40.1	20047	55.0	20047	91.5
Any Review > Any Review	3329	3.3	938	2.6	938	4.3
Single CO: Review Only	457	0.4	457	1.3	0	-
Any Review > Any Discharge	1007	1.0	391	1.1	391	1.8
Single CO: Discharge Only	4199	4.1	4199	11.5	0	-
Invalid CO Sequence	40650	39.9	0	-	0	-
<i>Community Residential</i>	6368	100.0	1744	100.0	668	100.0
Any Admission > Any Review	321	5.0	99	5.7	99	14.8
Single CO: Admission Only	452	7.1	452	25.9	0	-
Any Admission > Any Discharge	472	7.4	231	13.2	231	34.6
Any Review > Any Review	955	15.0	297	17.0	297	44.5
Single CO: Review Only	461	7.2	461	26.4	0	-
Any Review > Any Discharge	116	1.8	41	2.4	41	6.1
Single CO: Discharge Only	163	2.6	163	9.3	0	-
Invalid CO Sequence	3428	53.8	0	-	0	-
<i>Ambulatory</i>	183071	100.0	85420	100.0	36803	100.0
Any Admission > Any Review	14973	8.2	5623	6.6	5623	15.3
Single CO: Admission Only	22337	12.2	22337	26.1	0	-
Any Admission > Any Discharge	37730	20.6	17246	20.2	17246	46.9
Any Review > Any Review	27629	15.1	9456	11.1	9456	25.7
Single CO: Review Only	12735	7.0	12735	14.9	0	-
Any Review > Any Discharge	11428	6.2	4478	5.2	4478	12.2
Single CO: Discharge Only	13545	7.4	13545	15.9	0	-
Invalid CO Sequence	42694	23.3	0	-	0	-

Explanatory Notes

N	Number of Valid Observations
Valid Sequences	A set of Collection Occasions that is valid in terms of the ordering of reason for collection and the date of collection
Valid Episodes	A valid sequence with at least 2 Collection Occasions where changes over time can be measured
x > y	First Collection Occasion > Last Collection Occasion

Table 2.3.2.1: Distribution of Elapsed Days from Episode Start to Episode End for NOCC Episodes of Mental Health Care by Psychiatric Inpatient Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	N	M	SD	CV	P10	P25	P50	P75	P90
Any Admission > Any Review	535	118.9	127.6	1.07	3	23	82	182	322
New referral > 91-day review	112	188.8	134.3	0.71	50	95	144	285	391
New referral > Other review	144	67.3	88.0	1.31	1	8	35	91	184
From other setting > 91-day review	104	183.3	127.7	0.70	43	91	147	284	355
From other setting > Other review	105	45.6	66.5	1.46	1	11	34	47	108
Other > 91-day review	33	238.2	147.0	0.62	69	91	238	373	421
Other > Other review	37	29.2	42.2	1.44	1	2	10	40	87
Any Admission > Any Discharge	20047	16.0	30.4	1.90	1	3	7	18	35
New referral > No further care	3326	13.1	37.8	2.88	1	1	4	10	25
New referral > Change of setting	8042	15.9	26.5	1.66	1	3	8	19	35
New referral > Death	11	34.8	44.5	1.28	4	6	17	45	138
New referral > Other	1805	12.7	23.6	1.86	1	1	4	14	32
From other setting > No further care	803	15.8	39.1	2.47	1	2	6	15	31
From other setting > Change of setting	4489	18.8	29.4	1.57	2	4	10	22	42
From other setting > Death	6	11.0	8.6	0.78	4	4	9	17	-
From other setting > Other	423	11.7	26.4	2.27	-	1	3	12	30
Other > No further care	131	29.3	61.9	2.11	2	3	11	23	67
Other > Change of setting	534	23.1	39.4	1.71	2	5	11	25	51
Other > Death	0	-	-	-	-	-	-	-	-
Other > Other	477	17.3	22.7	1.31	-	3	10	21	41
Any Review > Any Review	938	255.4	164.6	0.64	85	101	219	383	474
91-day review > 91-day review	718	265.7	159.0	0.60	87	116	247	390	476
91-day review > Other	34	219.8	161.0	0.73	16	80	198	375	472
Other > 91-day review	89	288.2	201.1	0.70	86	121	236	448	482
Other > Other	97	161.0	134.7	0.84	11	90	119	208	332
Any Review > Any Discharge	391	103.5	136.1	1.31	1	7	38	155	327
91-day review > No Further Care	61	243.6	179.3	0.74	32	88	207	352	496
91-day review > Change of Setting	101	135.1	126.9	0.94	9	28	95	229	353
91-day review > Death	4	207.5	167.2	0.81	54	60	196	368	-
91-day review > Discharge Other	6	124.5	116.3	0.93	-	38	103	200	-
Other > No Further Care	48	102.4	123.6	1.21	1	7	46	186	313
Other > Change of Setting	161	28.0	51.4	1.83	1	3	10	26	81
Other > Death	2	42.0	59.4	1.41	-	-	42	-	-
Other > Discharge Other	8	111.4	131.9	1.18	3	10	42	258	-
Explanatory Notes:									
N	Number of Valid Observations	M	Mean	CV	Coefficient of Variation				
-	No Valid Observations	SD	Standard Deviation	Pnn	nn th percentiles				

Table 2.3.2.2: Distribution of Elapsed Days from Episode Start to Episode End for NOCC Episodes of Mental Health Care by Community Residential Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	N	M	SD	CV	P10	P25	P50	P75	P90
Any Admission > Any Review	99	195.8	134.4	0.69	56	91	175	285	373
New referral > 91-day review	45	201.7	109.0	0.54	57	98	206	290	334
New referral > Other review	14	172.2	95.4	0.55	-	120	191	263	277
From other setting > 91-day review	27	200.3	161.0	0.80	51	91	165	344	428
From other setting > Other review	7	129.3	162.6	1.26	-	21	90	138	-
Other > 91-day review	5	301.2	216.1	0.72	57	116	218	528	-
Other > Other review	1	77.0	-	-	77	77	77	77	77
Any Admission > Any Discharge	231	34.7	37.1	1.07	6	21	28	31	65
New referral > No further care	91	29.4	21.7	0.74	16	23	28	30	31
New referral > Change of setting	57	41.5	45.9	1.11	6	24	29	31	96
New referral > Death	0	-	-	-	-	-	-	-	-
New referral > Other	5	6.2	10.4	1.68	-	-	-	16	-
From other setting > No further care	13	42.8	39.4	0.92	5	17	32	57	125
From other setting > Change of setting	52	34.5	40.1	1.16	4	11	26	33	79
From other setting > Death	0	-	-	-	-	-	-	-	-
From other setting > Other	3	46.0	49.4	1.07	15	15	20	-	-
Other > No further care	6	58.2	82.9	1.43	19	20	24	83	-
Other > Change of setting	4	25.3	16.7	0.66	5	9	26	41	-
Other > Death	0	-	-	-	-	-	-	-	-
Other > Other	0	-	-	-	-	-	-	-	-
Any Review > Any Review	297	202.9	124.8	0.62	77	98	179	280	385
91-day review > 91-day review	230	215.7	123.3	0.57	82	109	187	290	406
91-day review > Other	13	144.8	60.1	0.42	70	96	131	205	236
Other > 91-day review	23	194.3	161.6	0.83	32	88	117	322	507
Other > Other	31	138.7	100.2	0.72	4	45	155	191	285
Any Review > Any Discharge	41	160.6	127.1	0.79	21	55	133	226	323
91-day review > No Further Care	4	135.3	94.7	0.70	6	37	156	214	-
91-day review > Change of Setting	30	159.5	137.1	0.86	20	49	121	229	326
91-day review > Death	1	377.0	-	-	377	377	377	377	377
91-day review > Discharge Other	0	-	-	-	-	-	-	-	-
Other > No Further Care	1	266.0	-	-	266	266	266	266	266
Other > Change of Setting	4	135.8	34.0	0.25	96	105	134	168	-
Other > Death	1	70.0	-	-	70	70	70	70	70
Other > Discharge Other	0	-	-	-	-	-	-	-	-
Explanatory Notes:									
N	Number of Valid Observations	M	Mean	CV	Coefficient of Variation				
-	No Valid Observations	SD	Standard Deviation	Pnn	nn th percentiles				

Table 2.3.2.3: Distribution of Elapsed Days from Episode Start to Episode End for NOCC Episodes of Mental Health Care by Ambulatory Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	N	M	SD	CV	P10	P25	P50	P75	P90
Any Admission > Any Review	5623	175.2	125.1	0.71	46	91	140	238	352
New referral > 91-day review	2656	171.9	110.8	0.64	70	92	140	224	319
New referral > Other review	719	178.3	172.7	0.97	18	49	126	238	435
From other setting > 91-day review	1300	168.9	114.4	0.68	46	87	136	235	332
From other setting > Other review	145	113.7	120.6	1.06	10	25	76	169	292
Other > 91-day review	686	214.8	127.4	0.59	90	97	193	307	380
Other > Other review	117	144.8	130.6	0.90	11	63	92	204	352
Any Admission > Any Discharge	17246	84.1	95.8	1.14	-	12	53	121	215
New referral > No further care	6480	93.0	90.3	0.97	7	26	69	131	217
New referral > Change of setting	3025	103.2	123.5	1.20	-	10	55	156	278
New referral > Death	37	111.9	105.5	0.94	6	29	74	166	250
New referral > Other	4108	50.5	71.1	1.41	-	-	18	78	150
From other setting > No further care	1467	87.6	90.1	1.03	7	19	56	126	213
From other setting > Change of setting	955	73.6	81.5	1.11	1	12	43	111	194
From other setting > Death	20	119.1	126.6	1.06	8	28	83	142	419
From other setting > Other	133	77.4	76.1	0.98	-	8	53	123	196
Other > No further care	354	136.1	118.8	0.87	9	49	107	184	306
Other > Change of setting	214	114.4	116.8	1.02	1	20	89	161	286
Other > Death	6	79.8	90.4	1.13	11	16	46	145	-
Other > Other	447	88.2	86.3	0.98	-	20	73	122	196
Any Review > Any Review	9456	229.3	158.2	0.69	74	112	199	300	428
91-day review > 91-day review	7165	223.4	130.8	0.59	84	118	202	295	406
91-day review > Other	548	237.2	184.0	0.78	19	89	199	366	525
Other > 91-day review	972	245.7	199.0	0.81	70	109	202	297	478
Other > Other	771	257.8	269.4	1.05	13	66	168	331	751
Any Review > Any Discharge	4478	150.7	122.9	0.82	28	61	119	214	313
91-day review > No Further Care	2105	151.0	111.6	0.74	33	70	120	210	311
91-day review > Change of Setting	1021	157.8	124.9	0.79	25	57	127	235	333
91-day review > Death	47	151.7	103.4	0.68	13	68	145	244	290
91-day review > Discharge Other	363	124.7	91.8	0.74	25	52	100	181	265
Other > No Further Care	539	159.0	133.2	0.84	21	62	125	224	325
Other > Change of Setting	257	175.0	199.4	1.14	16	50	108	222	369
Other > Death	5	137.8	158.4	1.15	40	45	74	263	-
Other > Discharge Other	141	85.1	86.6	1.02	-	8	52	133	223
Explanatory Notes:									
N	Number of Valid Observations	M	Mean	CV	Coefficient of Variation				
-	No Valid Observations	SD	Standard Deviation	Pnn	nn th percentiles				

Table 2.3.3.1: Completion Rates of the Core Clinical and Self-Report Measures for NOCC Episodes of Care Data by Psychiatric Inpatient Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	VE	HoNOS			Consumer Self-Report		
		Start	End	Start & End	Start	End	Start & End
		%	%	%	%	%	%
Any Admission > Any Review	535	86.9	89.7	79.4	NR	NR	NR
New referral > 91-day review	112	90.2	95.5	88.4	NR	NR	NR
New referral > Other review	144	86.1	87.5	79.2	NR	NR	NR
From other setting > 91-day review	104	89.4	98.1	87.5	NR	NR	NR
From other setting > Other review	105	86.7	73.3	63.8	NR	NR	NR
Other > 91-day review	33	69.7	97.0	66.7	NR	NR	NR
Other > Other review	37	89.2	97.3	86.5	NR	NR	NR
Any Admission > Any Discharge	20047	84.3	71.2	65.4	NR	NR	NR
New referral > No further care	3326	87.6	63.7	57.2	NR	NR	NR
New referral > Change of setting	8042	87.4	79.1	72.6	NR	NR	NR
New referral > Death	11	100.0	90.9	90.9	NR	NR	NR
New referral > Other	1805	58.0	30.5	29.9	NR	NR	NR
From other setting > No further care	803	82.4	71.1	64.6	NR	NR	NR
From other setting > Change of setting	4489	86.1	78.7	71.9	NR	NR	NR
From other setting > Death	6	100.0	66.7	66.7	NR	NR	NR
From other setting > Other	423	93.9	44.9	44.0	NR	NR	NR
Other > No further care	131	86.3	84.0	77.1	NR	NR	NR
Other > Change of setting	534	80.7	82.0	72.5	NR	NR	NR
Other > Death	0	-	-	-	NR	NR	NR
Other > Other	477	92.0	83.2	81.1	NR	NR	NR
Any Review > Any Review	938	92.8	95.9	90.3	NR	NR	NR
91-day review > 91-day review	718	95.3	97.9	93.6	NR	NR	NR
91-day review > Other	34	85.3	82.4	73.5	NR	NR	NR
Other > 91-day review	89	84.3	98.9	83.1	NR	NR	NR
Other > Other	97	84.5	83.5	78.4	NR	NR	NR
Any Review > Any Discharge	391	81.8	84.1	72.4	NR	NR	NR
91-day review > No Further Care	61	90.2	88.5	78.7	NR	NR	NR
91-day review > Change of Setting	101	93.1	92.1	85.1	NR	NR	NR
91-day review > Death	4	100.0	50.0	50.0	NR	NR	NR
91-day review > Discharge Other	6	100.0	66.7	66.7	NR	NR	NR
Other > No Further Care	48	50.0	72.9	43.8	NR	NR	NR
Other > Change of Setting	161	78.9	82.0	70.2	NR	NR	NR
Other > Death	2	100.0	100.0	100.0	NR	NR	NR
Other > Discharge Other	8	100.0	87.5	87.5	NR	NR	NR
Explanatory Notes:							
VE	Valid Episodes of Care	Start	Measure completed at Start of Episode	End	Measure completed at End of Episode		
N	Number of Valid Observations	-	No Valid Observations				

Table 2.3.3.2: Completion Rates of the Core Clinical and Self-Report Measures for NOCC Episodes of Care Data by Community Residential Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	VE	HoNOS			Consumer Self-Report		
		Start	End	Start & End	Start	End	Start & End
		%	%	%	%	%	%
<i>Any Admission > Any Review</i>	99	90.9	97.0	87.9	25.3	25.3	20.2
New referral > 91-day review	45	97.8	100.0	97.8	24.4	15.6	15.6
New referral > Other review	14	92.9	100.0	92.9	71.4	71.4	71.4
From other setting > 91-day review	27	81.5	100.0	81.5	3.7	14.8	3.7
From other setting > Other review	7	100.0	71.4	71.4	42.9	42.9	28.6
Other > 91-day review	5	60.0	100.0	60.0	-	-	-
Other > Other review	1	100.0	-	-	-	100.0	-
<i>Any Admission > Any Discharge</i>	231	88.7	92.6	84.8	4.8	1.7	1.7
New referral > No further care	91	97.8	97.8	96.7	1.1	-	-
New referral > Change of setting	57	89.5	93.0	86.0	10.5	5.3	5.3
New referral > Death	0	-	-	-	-	-	-
New referral > Other	5	100.0	20.0	20.0	-	-	-
From other setting > No further care	13	69.2	84.6	69.2	15.4	7.7	7.7
From other setting > Change of setting	52	82.7	94.2	78.8	1.9	-	-
From other setting > Death	0	-	-	-	-	-	-
From other setting > Other	3	33.3	66.7	33.3	-	-	-
Other > No further care	6	83.3	100.0	83.3	16.7	-	-
Other > Change of setting	4	50.0	75.0	50.0	-	-	-
Other > Death	0	-	-	-	-	-	-
Other > Other	0	-	-	-	-	-	-
<i>Any Review > Any Review</i>	297	92.3	97.6	89.9	15.5	14.1	9.4
91-day review > 91-day review	230	94.3	98.3	92.6	9.6	10.4	6.1
91-day review > Other	13	100.0	92.3	92.3	15.4	15.4	7.7
Other > 91-day review	23	65.2	100.0	65.2	30.4	21.7	21.7
Other > Other	31	93.5	93.5	87.1	48.4	35.5	25.8
<i>Any Review > Any Discharge</i>	41	90.2	95.1	85.4	26.8	19.5	17.1
91-day review > No Further Care	4	100.0	100.0	100.0	-	-	-
91-day review > Change of Setting	30	90.0	93.3	83.3	26.7	16.7	13.3
91-day review > Death	1	100.0	100.0	100.0	-	-	-
91-day review > Discharge Other	0	-	-	-	-	-	-
Other > No Further Care	1	100.0	100.0	100.0	-	-	-
Other > Change of Setting	4	75.0	100.0	75.0	75.0	75.0	75.0
Other > Death	1	100.0	100.0	100.0	-	-	-
Other > Discharge Other	0	-	-	-	-	-	-
<i>Explanatory Notes:</i>							
VE	Valid Episodes of Care	Start	Measure completed at Start of Episode		End	Measure completed at End of Episode	
N	Number of Valid Observations	-	No Valid Observations				

Table 2.3.3.3: Completion Rates of the Core Clinical and Self-Report Measures for NOCC Episodes of Care Data by Ambulatory Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	VE N	HoNOS			Consumer Self-Report		
		Start	End	Start & End	Start	End	Start & End
		%	%	%	%	%	%
Any Admission > Any Review	5623	86.3	89.5	79.0	8.9	8.5	3.3
New referral > 91-day review	2656	91.8	90.3	84.6	11.3	8.2	4.3
New referral > Other review	719	89.7	79.7	74.8	8.5	12.4	3.5
From other setting > 91-day review	1300	89.6	93.4	85.2	5.4	8.5	1.4
From other setting > Other review	145	84.1	84.8	75.2	17.9	22.1	9.0
Other > 91-day review	686	63.1	92.3	58.2	6.3	3.4	1.9
Other > Other review	117	41.9	79.5	34.2	0.9	6.0	0.9
Any Admission > Any Discharge	17246	85.2	51.2	47.8	6.5	2.2	1.4
New referral > No further care	6480	90.8	64.8	62.3	9.4	2.3	1.3
New referral > Change of setting	3025	85.8	51.7	49.1	6.3	3.6	2.9
New referral > Death	37	83.8	29.7	24.3	5.4	2.7	-
New referral > Other	4108	82.0	15.5	14.5	1.3	0.7	0.5
From other setting > No further care	1467	85.9	73.9	66.1	9.9	2.9	1.2
From other setting > Change of setting	955	84.1	73.9	69.5	6.6	2.8	1.9
From other setting > Death	20	90.0	35.0	35.0	-	-	-
From other setting > Other	133	63.2	25.6	23.3	2.3	1.5	1.5
Other > No further care	354	55.1	63.6	37.0	6.8	1.4	0.8
Other > Change of setting	214	59.3	52.8	39.7	1.4	0.9	0.5
Other > Death	6	50.0	83.3	33.3	-	-	-
Other > Other	447	73.6	54.1	48.1	6.7	2.5	0.4
Any Review > Any Review	9456	91.3	91.4	85.4	10.5	9.7	4.4
91-day review > 91-day review	7165	92.9	93.2	88.2	8.2	7.5	3.5
91-day review > Other	548	87.2	80.3	73.9	12.8	18.2	6.2
Other > 91-day review	972	87.8	92.3	82.1	18.6	17.5	7.8
Other > Other	771	83.3	81.6	70.9	20.0	14.5	7.4
Any Review > Any Discharge	4478	89.0	70.2	65.7	11.0	3.8	2.3
91-day review > No Further Care	2105	90.8	73.4	69.6	11.9	3.9	2.1
91-day review > Change of Setting	1021	92.1	75.4	71.8	9.5	3.0	2.6
91-day review > Death	47	95.7	38.3	38.3	4.3	-	-
91-day review > Discharge Other	363	80.4	49.0	46.0	2.5	1.1	0.3
Other > No Further Care	539	86.3	69.2	62.0	15.0	3.3	1.5
Other > Change of Setting	257	85.2	70.4	63.4	12.8	8.6	5.8
Other > Death	5	100.0	40.0	40.0	20.0	-	-
Other > Discharge Other	141	75.9	52.5	44.0	12.8	9.9	7.1
Explanatory Notes:							
VE	Valid Episodes of Care	Start	Measure completed at Start of Episode	End	Measure completed at End of Episode		
N	Number of Valid Observations	-	No Valid Observations				

Table 2.3.4.1: HoNOS Change Scores for NOCC Episodes of Mental Health Care by Psychiatric Inpatient Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	VE	Start score		End score		Change score		Effect size statistics				
		M	SD	M	SD	M	SD	CV	ρ	d	LCI	UCI
Any Admission > Any Review	425	15.3	7.4	12.2	6.6	3.1	7.2	2.3	0.48	0.43	0.14	0.72
New referral > 91-day review	99	14.7	8.6	11.8	6.7	2.9	6.8	2.4	0.62	0.42	-0.15	0.99
New referral > Other review	114	15.8	7.1	12.1	6.8	3.7	7.5	2.0	0.42	0.49	-0.18	1.16
From other setting > 91-day review	91	14.6	7.1	13.5	6.5	1.1	7.4	6.9	0.41	0.14	-0.08	0.36
From other setting > Other review	67	14.6	7.0	11.9	6.9	2.8	6.0	2.2	0.62	0.45	-0.20	1.11
Other > 91-day review	22	15.9	7.4	10.9	4.8	5.0	7.8	1.6	0.22	0.61	-1.49	2.72
Other > Other review	32	18.2	5.9	11.4	6.4	6.8	6.5	1.0	0.44	1.01	-1.32	3.34
Any Admission > Any Discharge	13104	14.3	6.6	7.0	5.7	7.3	7.3	1.0	0.31	1.00	0.87	1.12
New referral > No further care	1902	14.1	6.6	6.7	5.6	7.4	7.6	1.0	0.24	0.97	0.65	1.30
New referral > Change of setting	5840	14.4	6.7	7.3	6.1	7.1	7.5	1.1	0.32	0.94	0.76	1.12
New referral > Death	10	22.6	10.2	17.3	8.6	5.3	11.5	2.2	0.26	0.42	-2.98	3.82
New referral > Other	539	14.7	6.5	7.2	5.0	7.4	6.9	0.9	0.30	1.07	0.45	1.69
From other setting > No further care	519	14.2	6.7	6.9	5.8	7.2	7.1	1.0	0.35	1.01	0.40	1.63
From other setting > Change of setting	3229	13.9	6.4	6.4	5.1	7.5	7.0	0.9	0.28	1.07	0.81	1.32
From other setting > Death	4	17.0	13.0	14.8	8.9	2.3	5.6	2.5	0.94	0.29	-2.47	3.05
From other setting > Other	186	15.7	6.1	8.1	5.8	7.6	6.5	0.9	0.40	1.16	0.08	2.24
Other > No further care	101	13.8	6.4	6.6	5.0	7.1	6.6	0.9	0.35	1.07	-0.30	2.45
Other > Change of setting	387	14.9	6.9	7.3	5.3	7.5	7.1	0.9	0.34	1.05	0.31	1.80
Other > Death	0	-	-	-	-	-	-	-	-	-	-	-
Other > Other	387	15.8	6.2	8.5	4.8	7.3	6.3	0.9	0.37	1.16	0.44	1.88
Any Review > Any Review	847	12.0	6.8	11.6	6.8	0.4	5.6	13.9	0.66	0.07	0.05	0.10
91-day review > 91-day review	672	12.3	6.6	11.8	6.6	0.4	5.5	12.8	0.66	0.08	0.05	0.11
91-day review > Other	25	13.6	8.5	13.2	6.8	0.4	6.1	13.9	0.70	0.07	-0.11	0.25
Other > 91-day review	74	13.4	7.8	13.4	7.5	0.1	6.9	128.3	0.59	0.01	-0.02	0.03
Other > Other	76	8.3	5.5	7.8	6.9	0.5	5.3	9.9	0.65	0.10	-0.02	0.22
Any Review > Any Discharge	283	12.1	6.7	8.8	6.6	3.3	6.9	2.1	0.46	0.48	0.10	0.86
91-day review > No Further Care	48	9.3	5.0	6.8	5.3	2.5	4.9	1.9	0.55	0.51	-0.20	1.22
91-day review > Change of Setting	86	12.0	5.9	9.3	7.5	2.7	6.6	2.4	0.53	0.41	-0.16	0.98
91-day review > Death	2	14.5	4.9	11.0	9.9	3.5	4.9	1.4	1.00	-	-	-
91-day review > Discharge Other	4	15.5	4.5	12.3	5.8	3.3	1.9	0.6	0.96	1.25	-2.40	4.89
Other > No Further Care	21	13.0	7.5	10.2	7.2	2.8	8.8	3.2	0.28	0.30	-0.90	1.50
Other > Change of Setting	113	12.9	7.5	8.6	6.0	4.3	7.4	1.7	0.41	0.57	-0.21	1.36
Other > Death	2	11.0	12.7	21.5	0.7	-10.5	12.0	1.1	1.00	-	-	-
Other > Discharge Other	7	15.1	6.0	9.3	6.5	5.9	5.3	0.9	0.65	0.97	-3.59	5.52
Explanatory Notes												
VE	Valid Episodes of Care	M	Mean				ρ	Correlation Coefficient				
N	Valid Observations	SD	Standard Deviation				d	Unbiased Effect Size Estimator				
-	No Valid Observations	CV	Coefficient of Variation				LCI	Lower 95% Confidence Interval				

Table 2.3.4.2: HoNOS Change Scores for NOCC Episodes of Mental Health Care by Community Residential Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	VE	Start score		End score		Change score		Effect size statistics				
		M	SD	M	SD	M	SD	CV	ρ	d	LCI	UCI
Any Admission > Any Review	87	10.0	6.2	10.3	6.1	-0.3	4.5	14.0	0.73	-0.07	-0.14	0.00
New referral > 91-day review	44	11.6	6.7	11.2	6.6	0.4	4.4	10.6	0.79	0.09	-0.03	0.21
New referral > Other review	13	10.0	5.1	13.1	4.6	-3.1	4.2	1.4	0.62	-0.68	-2.36	0.99
From other setting > 91-day review	22	8.7	5.6	8.4	5.7	0.3	5.1	15.9	0.60	0.06	-0.09	0.22
From other setting > Other review	5	5.0	2.2	7.4	3.2	-2.4	1.8	0.8	0.84	-1.06	-3.15	1.04
Other > 91-day review	3	4.0	2.0	4.3	2.1	-0.3	0.6	1.7	0.96	-0.33	-	-
Other > Other review	0	-	-	-	-	-	-	-	-	-	-	-
Any Admission > Any Discharge	196	9.7	4.6	6.3	5.0	3.5	3.9	1.1	0.66	0.88	0.41	1.35
New referral > No further care	88	8.6	4.0	4.6	3.7	4.0	3.4	0.9	0.61	1.16	0.37	1.96
New referral > Change of setting	49	12.1	5.3	8.5	6.2	3.6	4.2	1.2	0.74	0.83	-0.14	1.81
New referral > Death	0	-	-	-	-	-	-	-	-	-	-	-
New referral > Other	1	14.0	-	14.0	-	-	-	-	-	-	-	-
From other setting > No further care	9	10.8	4.5	5.2	4.0	5.6	2.7	0.5	0.80	1.83	-1.72	5.38
From other setting > Change of setting	41	9.3	3.6	7.4	4.8	1.8	4.5	2.5	0.44	0.40	-0.16	0.95
From other setting > Death	0	-	-	-	-	-	-	-	-	-	-	-
From other setting > Other	1	4.0	-	3.0	-	1.0	-	-	-	-	-	-
Other > No further care	5	7.2	5.1	5.2	4.8	2.0	1.9	0.9	0.93	0.86	-0.90	2.61
Other > Change of setting	2	14.5	0.7	6.0	4.2	8.5	3.5	0.4	1.00	-	-	-
Other > Death	0	-	-	-	-	-	-	-	-	-	-	-
Other > Other	0	-	-	-	-	-	-	-	-	-	-	-
Any Review > Any Review	267	9.9	6.5	9.2	6.1	0.7	3.9	5.6	0.81	0.18	0.10	0.26
91-day review > 91-day review	213	9.3	6.1	8.5	5.8	0.8	3.9	4.9	0.79	0.20	0.10	0.30
91-day review > Other	12	9.8	8.8	9.7	7.0	0.1	3.2	38.4	0.94	0.02	-0.05	0.10
Other > 91-day review	15	12.2	6.2	10.8	6.3	1.4	5.0	3.6	0.68	0.26	-0.45	0.98
Other > Other	27	12.9	7.6	13.0	6.2	-0.1	3.6	24.5	0.88	-0.04	-0.10	0.03
Any Review > Any Discharge	35	11.7	7.2	8.8	5.7	2.8	4.7	1.6	0.76	0.59	-0.33	1.52
91-day review > No Further Care	4	11.3	4.1	7.3	4.1	4.0	4.5	1.1	0.39	0.64	-4.27	5.55
91-day review > Change of Setting	25	10.5	6.9	8.0	4.8	2.5	4.9	2.0	0.71	0.49	-0.48	1.45
91-day review > Death	1	24.0	-	13.0	-	11.0	-	-	-	-	-	-
91-day review > Discharge Other	0	-	-	-	-	-	-	-	-	-	-	-
Other > No Further Care	1	8.0	-	5.0	-	3.0	-	-	-	-	-	-
Other > Change of Setting	3	14.0	7.0	12.3	8.5	1.7	2.9	1.7	0.95	0.33	-	-
Other > Death	1	27.0	-	25.0	-	2.0	-	-	-	-	-	-
Other > Discharge Other	0	-	-	-	-	-	-	-	-	-	-	-
Explanatory Notes												
VE	Valid Episodes of Care	M	Mean			ρ	Correlation Coefficient					
N	Valid Observations	SD	Standard Deviation			d	Unbiased Effect Size Estimator					
-	No Valid Observations	CV	Coefficient of Variation			LCI	Lower 95% Confidence Interval					
						UCI	Upper 95% Confidence Interval					

Table 2.3.4.3: HoNOS Change Scores for NOCC Episodes of Mental Health Care by Ambulatory Mental Health Service Setting for all data reported to April 2005 for Adults with all Mental Health Summary Diagnostic Groups for all Demographic Groups within Age Group for all Jurisdictions

	VE	Start score		End score		Change score		Effect size statistics				
		M	SD	M	SD	M	SD	CV	ρ	d	LCI	UCI
Any Admission > Any Review	4440	11.0	6.3	9.2	6.0	1.8	6.1	3.3	0.51	0.30	0.25	0.35
New referral > 91-day review	2247	11.2	6.0	8.8	5.8	2.5	5.7	2.3	0.54	0.44	0.33	0.54
New referral > Other review	538	12.7	6.5	10.8	6.7	1.9	6.7	3.6	0.49	0.28	0.12	0.44
From other setting > 91-day review	1107	9.7	6.2	8.9	6.1	0.7	6.5	8.9	0.44	0.11	0.07	0.16
From other setting > Other review	109	11.7	7.2	10.4	6.3	1.2	6.1	5.0	0.60	0.20	-0.03	0.42
Other > 91-day review	399	10.6	6.4	9.3	5.9	1.3	5.6	4.5	0.58	0.22	0.10	0.35
Other > Other review	40	11.2	6.2	10.3	5.6	0.9	6.0	6.7	0.48	0.15	-0.13	0.43
Any Admission > Any Discharge	8235	11.3	6.1	7.9	6.5	3.4	6.5	1.9	0.47	0.52	0.45	0.60
New referral > No further care	4039	11.3	5.8	6.3	5.3	5.0	5.4	1.1	0.52	0.93	0.78	1.08
New referral > Change of setting	1485	12.4	6.3	10.6	7.1	1.7	6.2	3.6	0.58	0.28	0.19	0.37
New referral > Death	9	16.0	7.1	14.6	9.8	1.4	6.8	4.7	0.72	0.19	-0.80	1.18
New referral > Other	597	10.8	5.9	6.8	5.7	4.0	4.9	1.2	0.64	0.81	0.50	1.12
From other setting > No further care	970	10.8	6.0	6.9	5.5	3.8	6.2	1.6	0.42	0.62	0.38	0.86
From other setting > Change of setting	664	10.1	6.6	14.2	7.4	-4.1	8.7	2.1	0.23	-0.47	-0.77	-0.16
From other setting > Death	7	11.0	8.4	16.0	7.4	-5.0	6.4	1.3	0.67	-0.68	-4.59	3.23
From other setting > Other	31	12.9	6.5	8.7	6.4	4.2	5.4	1.3	0.65	0.75	-0.71	2.22
Other > No further care	131	10.9	6.4	6.0	5.3	4.9	5.3	1.1	0.60	0.92	0.09	1.75
Other > Change of setting	85	13.5	7.2	13.4	8.1	0.1	6.6	46.5	0.63	0.02	-0.01	0.06
Other > Death	2	17.5	9.2	20.0	28.3	-2.5	19.1	7.6	1.00	-	-	-
Other > Other	215	11.1	5.8	7.3	5.8	3.8	4.9	1.3	0.64	0.78	0.28	1.28
Any Review > Any Review	8073	9.5	6.1	8.8	5.9	0.7	5.2	7.4	0.63	0.13	0.12	0.15
91-day review > 91-day review	6323	9.3	6.0	8.6	5.9	0.6	5.0	7.8	0.64	0.13	0.11	0.14
91-day review > Other	405	10.1	6.4	9.8	5.9	0.3	6.4	19.2	0.47	0.05	0.02	0.08
Other > 91-day review	798	10.2	6.0	9.0	5.6	1.2	5.3	4.3	0.58	0.23	0.15	0.32
Other > Other	547	11.1	6.3	10.4	6.5	0.7	5.4	7.2	0.65	0.14	0.08	0.20
Any Review > Any Discharge	2944	8.9	6.0	7.3	6.5	1.6	5.6	3.5	0.60	0.28	0.23	0.34
91-day review > No Further Care	1465	8.1	5.5	5.4	5.0	2.6	4.5	1.7	0.63	0.58	0.45	0.72
91-day review > Change of Setting	733	10.0	6.5	11.1	7.5	-1.1	6.5	6.0	0.58	-0.17	-0.24	-0.09
91-day review > Death	18	11.1	5.7	12.7	7.7	-1.7	5.1	3.1	0.74	-0.31	-1.08	0.46
91-day review > Discharge Other	167	8.6	6.0	7.1	6.0	1.5	5.2	3.4	0.61	0.29	0.06	0.52
Other > No Further Care	334	9.3	5.9	5.9	5.0	3.5	5.2	1.5	0.54	0.66	0.29	1.02
Other > Change of Setting	163	11.2	6.5	10.7	7.4	0.5	5.8	12.3	0.66	0.08	0.01	0.15
Other > Death	2	8.5	2.1	3.5	3.5	5.0	1.4	0.3	1.00	-	-	-
Other > Discharge Other	62	9.1	6.7	6.9	6.2	2.1	6.6	3.1	0.49	0.32	-0.21	0.85
Explanatory Notes												
VE	Valid Episodes of Care	M	Mean			ρ	Correlation Coefficient					
N	Valid Observations	SD	Standard Deviation			d	Unbiased Effect Size Estimator					
-	No Valid Observations	CV	Coefficient of Variation			LCI	Lower 95% Confidence Interval					
						UCI	Upper 95% Confidence Interval					