### PRIMHD Summary Report - HoNOS65+

# Health of the Nation Outcomes Scales - adults 65 years and over report for New Zealand

This report summarises national Programme for the Integration of Mental Health Data (PRIMHD) data submitted by district health boards (DHBs). In particular, it presents Health of the National Outcomes Scale Older Adult (HoNOS65+) data from services where HoNOS65+ is the primary measure.

This report is organised into three major sections that provide information about:

- 1. **Collection completion and validity:** This details the completeness of the data set provided by your mental health services. This is important because it indicates how valid and reliable the data sets are likely to be. The less complete the data set, the less valid the information is likely to be.
- 2. Outcomes related information: This provides indications about what changes have occurred for service users between entering and leaving the service. Outcome is assessed by comparing the group admitted and the group discharged from the service in the same time period. This should provide a reasonable indication of outcomes achieved unless the service user mix has changed significantly over the usual period for which service is delivered.
- 3. **Service related information:** This provides information about the services, such as the overall severity of service users who use different services.

In many cases the data is presented graphically for New Zealand, and then presented as a table for the individual team types (see team type classification factsheet).

The time period covered differs for the different data presented. See the title or the notes under the graphs or tables for information about the time period covered. Unless otherwise stated, the notes under the graphs also apply to the corresponding table.

For all graphs and tables, if there are less than twenty cases in the data set, the information is not presented. This is because small samples frequently provide inaccurate and potentially misleading results. See the notes and user guide for other important information about the graphs and tables.

Where appropriate, the statistical *confidence interval* is presented. This is shown by error bars (small lines above and below the average) on the graphs, and a score range in some tables. As a rule of thumb, if the confidence intervals of two data points do not overlap, the two points can be considered to be significantly different. If the confidence intervals of the data points do overlap, we assume the points are not significantly different. It is important to note that statistical significance may not indicate a clinically significantly difference. See the associated user guide for more information about how to understand and use the data presented in this report.

Data for graphs 1 and 2 was extracted 10 October 2018 from PRIMHD by the Ministry of Health and formatted by Te Pou. The data for graphs and tables 3 to 12 was extracted 10 October 2018 from PRIMHD by the Ministry of Health, then analysed and formatted by Te Pou.

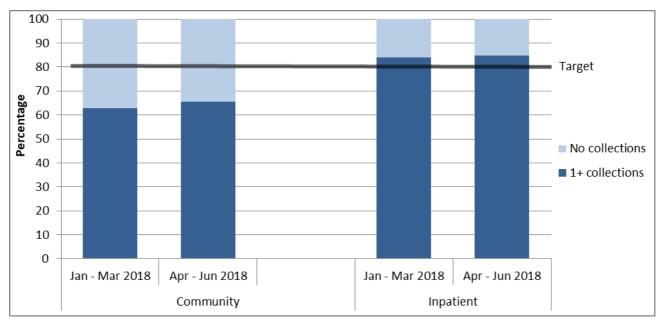
Please note: For this period a few DHBs have incomplete data which will affect New Zealand totals.



# 1. Collection completion and validity

This section presents information about the completeness and validity of the data on which the remainder of this report is based. It also shows the current targets for the variables presented.

Graph 1: Percentage of service users with at least one collection during the period, New Zealand, Jan - Mar 2018 and Apr - Jun 2018 (65 years and over)



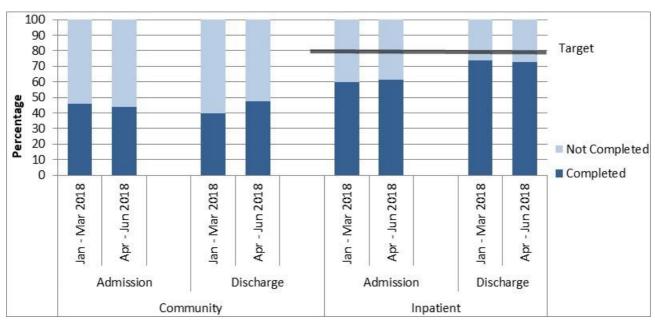
**Notes:** Community compliance is affected by crisis teams completing triage or brief assessment type activity which is not a comprehensive assessment.

**Interpretation:** The longer the dark part of the bar, the more completely the data set includes all service users, and the more meaningful and representative the graphs, tables, and analyses using this data will be. Data is approximate due to movements of service users between teams and similar variations; however, it does provide a reasonably accurate representation of completion of measures. Only data with valid collections is included.

**Target:** To meet or exceed the target shown on the graph for the percentage of service users with at least one collection within the period.



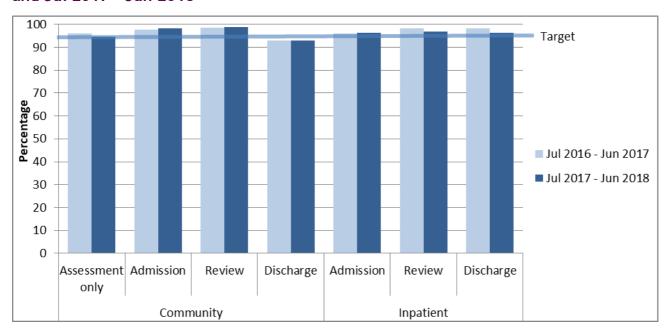
Graph 2: Percentage of service users with admission and discharge collections completed, New Zealand, Jan - Mar 2018 and Apr - Jun 2018 (65 years and over)



**Notes:** Community compliance is affected by crisis teams completing triage or brief assessment type activity which is not a comprehensive assessment.

**Interpretation:** The longer the dark bar, the larger the percentage of admission and discharge that had the relevant data collection type. Data is approximate due to movements of service users between teams and similar variations; however, it does provide a reasonably accurate representation of completion of measures. Only data with valid collections is included.

Graph 3: Percentage of valid collections, HoNOS65+, New Zealand, Jul 2016 - Jun 2017 and Jul 2017 - Jun 2018



**Notes:** Valid = Two or fewer of the 12 items scored as unknown or missing. Discharge excludes collection types for lost to care, discharge dead and brief episode of care. Collection in drug and alcohol teams is not required, therefore AOD data is excluded.

**Interpretation:** The longer the dark lines, the higher the percentage of valid scores.

Target: Aim for 95% valid collections.



Table 3: Invalid collections by team, by HoNOS65+ item, New Zealand, Jul 2017 - Jun 2018

Team type	%	Invali	d			N	umber	of inva	lid ratii	ngs by I	HoNOS	55+ itei	m			Total
ream type	Adm	Rev	Dch	1	2	3	4	5	6	7	8	9	10	11	12	number
					Co	mmunit	y servi	ces								
Community team	3%	1%	13%	84	91	98	101	88	100	95	103	99	94	104	107	2,835
Kaupapa Māori team		2%		1	1	1	1	1	1	1	1	0	0	0	0	92
Older people team	2%	1%	6%	241	287	296	364	261	339	328	442	294	292	317	385	11,617
Pacific people team				1	2	1	1	1	3	2	1	2	1	1	1	26
Specialty team	3%			5	5	7	6	5	7	8	10	19	18	35	34	117
Total	2%	1%	7%	335	389	408	476	359	453	437	560	417	408	460	530	14,727
					In	patient	servic	es								
Forensic team				0	0	0	0	0	0	0	0	0	0	0	0	22
Inpatient team	3%	0%	2%	2	3	9	4	1	6	11	18	10	3	11	17	618
Older people team	4%	6%	4%	1	13	27	16	2	26	29	27	42	21	135	166	1,367
Total	4%	3%	4%	3	16	36	20	3	32	40	45	52	24	146	183	2,007

**Notes:** Percentage of invalid collections = the percentage of collections that had three or more of the 12 items scored as unknown or missing. Number of invalid ratings by HoNOS65+ item = for each of the HoNOS65+ items, the number of collections for which that item was unknown or missing. Discharge excludes collection types for lost to care, deceased and brief episode of care. Collection in drug and alcohol teams is not required, therefore AOD data is excluded.

**Interpretation:** The lower the percentage of invalid collections by team, the higher the percentage of valid scores. The lower the number of invalid collections by HoNOS65+ item, the more collections that have valid data on that HoNOS65+ item.

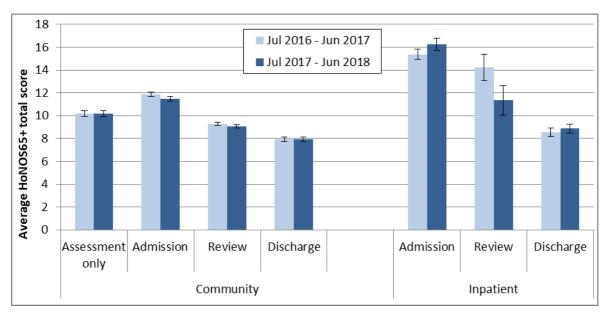
**Target:** Aim for 95% valid collections (5% invalid collections) or better. Aim for as few invalid items as possible, with all items having a similar validity rate.



# 2. Outcomes - changes in service user status

This section presents HoNOS65+ data indicating the status of service users at different stages of their contact with the DHB mental health services. Graph and Table 4 show results from HoNOS65+ total scores. Graphs and Tables 5 to 7b show results related to the percentage of HoNOS65+ items in the clinical range. Graph and Table 8 show results from the Index of Severity derived from HoNOS65+ scores.

Graph 4: Average HoNOS65+ total score (12 items) by collection type, New Zealand, Jul 2016 - Jun 2017 and Jul 2017 - Jun 2018



**Notes:** Error bars indicate the confidence intervals around the data point. If error bars overlap, the data points are not significantly different. Community discharge does not include discharge to an inpatient unit.

**Interpretation:** Decrease between admission and discharge is an indication of the outcomes achieved by the service user and service. The greater the decrease between admission and discharge, and the lower the average HoNOS65+ score at discharge, the more positive the outcome.

Target: A greater decrease from admission to discharge and lower average rating at discharge.



Table 4: Average HoNOS65+ total score (12 items), by collection type and team, New Zealand, Jul 2017 - Jun 2018

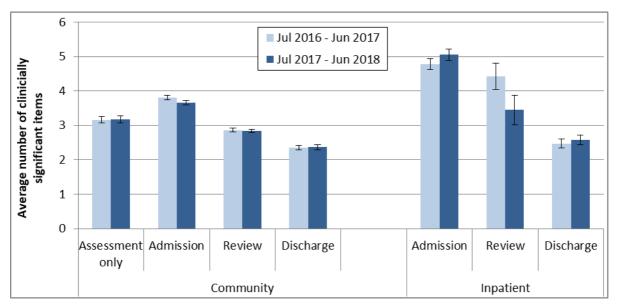
Team type	As	sessmei	nt only		Admiss	sion		Revie	ew .		Dischar	ge
	N	Mean	CI	N	Mean	CI	N	Mean	CI	N	Mean	CI
				Commu	nity ser	vices						
Community team	447	10.2	9.7-10.6	365	10.8	10.3-11.4	1,566	8.6	8.3-8.8	272	7.0	6.4-7.6
Kaupapa Māori team							63	7.7	6.4-9.0			
Older people team	925	10.1	9.8-10.5	3,106	11.4	11.3-11.6	4,324	9.3	9.1-9.4	2,442	8.1	7.9-8.3
Specialty team	24	9.6	7.2-11.9	67	16.2	14.7-17.7						
Total	1,412	10.2	9.9-10.5	3,579	11.5	11.3-11.7	5,997	9.1	8.9-9.2	2,735	7.9	7.8-8.1
				Inpatio	ent serv	rices						
Inpatient team				299	15.2	14.4-15.9	52	13.0	11.1-14.9	262	9.4	8.6-10.2
Older people team				588	16.8	16.1-17.4	82	11.1	9.2-13.1	639	8.7	8.2-9.1
Total				889	16.2	15.7-16.8	153	11.4	10.1-12.7	902	8.9	8.5-9.3

**Notes:** N = number of collections in period. Average = average HoNOS65+ (12 item) score, CI = confidence interval for average score. Community discharge does not include discharge to an inpatient unit.

**Interpretation:** If confidence intervals for two scores do not overlap, then the scores are statistically significantly different. It is important to note that statistical significance may not indicate a clinically significant difference.



Graph 5: Average number of clinically significant HoNOS65+ items by collection type, New Zealand, Jul 2016 - Jun 2017 and Jul 2017 - Jun 2018



**Notes:** Average number clinically significant items = the average number of items in the clinical range (2, 3 or 4) per collection. Community discharge does not include discharge to an inpatient unit.

**Interpretation:** Points are significantly different if error bars don't overlap. Decrease between admission and discharge is an indication of the outcomes achieved by the service and service user. A greater decrease between admission and discharge indicates a better outcome. A lower admission score could be indication of service users seeking out and being engaged by services at a lower level of severity.

**Target**: A greater decrease from admission to discharge and smaller percentage in clinical range at discharge.



Table 5: Average number of clinically significant HoNOS65+ items by collection type and team, New Zealand, Jul 2017 - Jun 2018

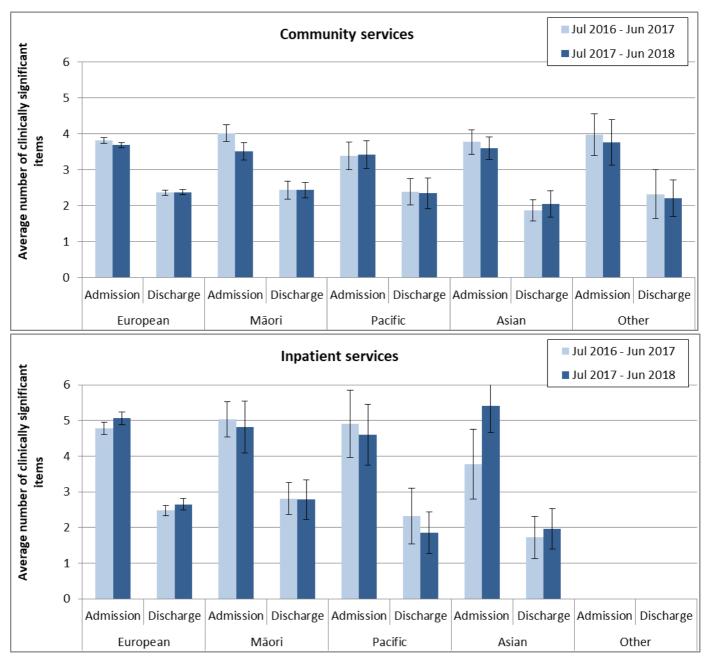
Team type	Ass	essment	only		Admissic	on		Review	1	Discharge			
. cam cype	N	Mean	CI	N	Mean	CI	N	Mean	CI	N	Mean	CI	
			Comi	munity s	services								
Community team	447	3.2	3.0-3.4	365	3.5	3.3-3.7	1,566	2.6	2.5-2.7	272	2.1	1.8-2.3	
Kaupapa Māori team							63	2.2	1.7-2.7				
Older people team	925	3.1	3.0-3.3	3,106	3.7	3.6-3.7	4,324	2.9	2.9-3.0	2,442	2.4	2.3-2.5	
Specialty team	24	2.9	2.2-3.7	67	4.5	4.0-5.0							
Total	1,412	3.2	3.1-3.3	3,579	3.7	3.6-3.7	5,997	2.8	2.8-2.9	2,735	2.4	2.3-2.4	
			Inpa	atient se	ervices								
Inpatient team				299	4.8	4.6-5.1	52	4.2	3.5-4.8	262	2.9	2.6-3.2	
Older people team				588	5.2	4.9-5.4	82	3.3	2.7-4.0	639	2.5	2.3-2.6	
Total				889	5.1	4.9-5.2	153	3.4	3.0-3.9	902	2.6	2.4-2.7	

**Notes:** N = number of collections in period. Average = average number of HoNOS65+ items in the clinically significant range (ie scoring 2, 3, or 4), CI = confidence interval for average score. Community discharge does not include discharge to an inpatient unit.

**Interpretation:** If confidence intervals for two scores do not overlap, then the scores are statistically significantly different. Please note that statistical significance may not indicate a clinically significant difference.



Graph 6: Average number of clinically significant HoNOS65+ items at admission and discharge by ethnic group, New Zealand, Jul 2016 - Jun 2017 and Jul 2017 - Jun 2018



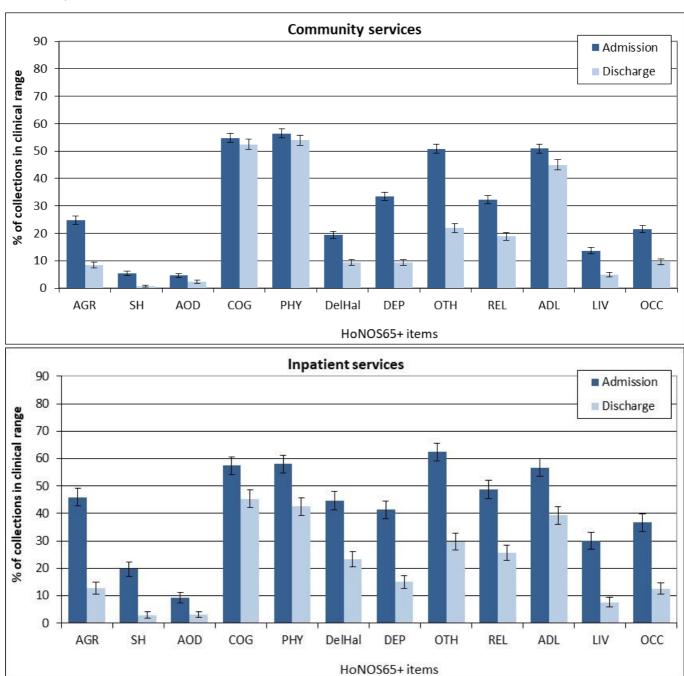
**Notes:** Average number of HoNOS65+ items in the clinical range (2, 3 or 4). Community discharge does not include discharge to an inpatient unit.

**Interpretation:** Points are significantly different if error bars don't overlap. Decrease between admission and discharge is an indication of the outcomes achieved by the service and service user. A greater decrease between admission and discharge indicates a better outcome. A lower admission score could be indication of service users seeking out and being engaged by services at a lower level of acuity.

Target: A greater decrease from admission to discharge and smaller percentage in clinical range at discharge.



Graph 7a: Percentage of collections in clinical range on each HoNOS65+ item, New Zealand, Jul 2017 - Jun 2018



**Notes:** Percentage of service users in the clinical range (2, 3 or 4) for each HoNOS65+ item. Community discharge does not include discharge to an inpatient unit.

**Interpretation:** The longer the bar, the more prevalent the difficulty measured by the item is amongst service users. A greater decrease in the length of the bar from admission to discharge suggests a better outcome for the difficulty measured by the item. Items that show medium to high frequency and less change may suggest possible targets for service improvement.

Target: A greater decrease from admission to discharge and smaller percentage in clinical range at discharge.



Table 7a: Percentage of collections in clinical range on each HoNOS65+ item (admission and discharge collections) by team, New Zealand, Jul 2017 - Jun 2018

### **Community services**

First 6 HoNOS items														
Toam type	١	1	AC	GR	S	Н	AC	)D	CC	)G	Pŀ	łΥ	Del	Hal
Team type	Adm	Disch	Adm	Disch	Adm	Disch	Adm	Disch	Adm	Disch	Adm	Disch	Adm	Disch
Community team	365	272	16%	7%	10%	1%	8%	4%	33%	25%	56%	54%	23%	10%
Older people team	3,105	2,442	26%	9%	5%	1%	4%	2%	58%	56%	56%	54%	19%	9%
Specialty team	67		25%		3%		6%		52%		85%		19%	
Total	3,578	2,735	25%	8%	5%	1%	5%	2%	55%	52%	56%	54%	19%	9%
Second 6 HoNOS items														
Team type	DE	ΞP	0	ГН	RI	EL	JA	DL	L	V	00	CC		
ream type	Adm	Disch	Adm	Disch	Adm	Disch	Adm	Disch	Adm	Disch	Adm	Disch		
Community team	43%	19%	61%	28%	34%	13%	38%	28%	13%	6%	17%	12%		
Older people team	33%	8%	49%	21%	32%	19%	53%	47%	13%	5%	21%	9%		
Specialty team	24%		66%		27%		67%		34%		48%			
Total	33%	9%	51%	22%	32%	19%	51%	45%	14%	5%	22%	10%		



#### Inpatient services

First 6 HoNOS items														
Toam type	N	1	AC	SR .	S	Н	AC	)D	CC	)G	Ph	ΗY	Del	Hal
Team type	Adm	Disch												
Inpatient team	299	262	51%	17%	18%	5%	15%	6%	48%	39%	55%	46%	47%	25%
Older people team	588	639	44%	11%	21%	2%	6%	2%	62%	48%	60%	41%	43%	23%
Total	889	902	46%	13%	20%	3%	9%	3%	57%	45%	58%	42%	45%	23%
Second 6 HoNOS items														
Toom type	DE	P	01	Н	RI	EL	Α[	DL	L	V	00	CC		
Team type	Adm	Disch												
Inpatient team	44%	22%	67%	37%	45%	31%	47%	37%	22%	11%	26%	12%		
Older people team	40%	12%	60%	27%	51%	24%	62%	40%	34%	6%	42%	13%		
Total	41%	15%	62%	30%	49%	26%	57%	39%	30%	8%	37%	13%		

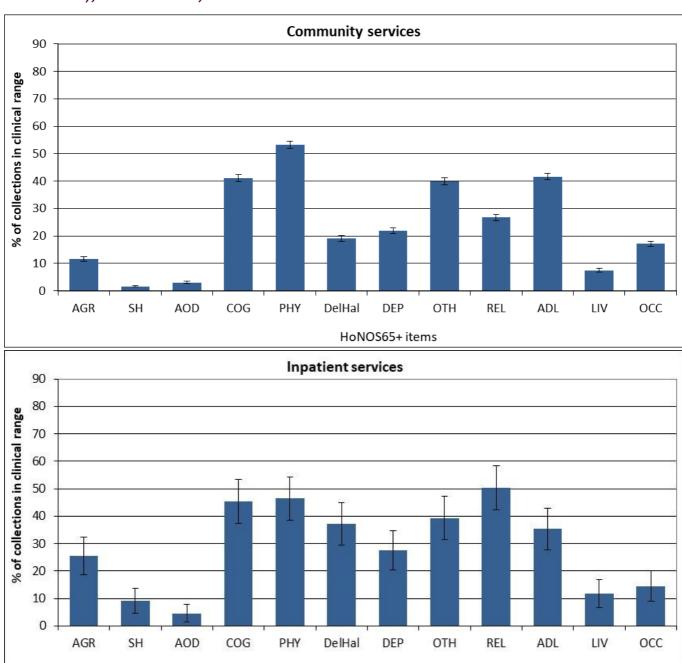
Notes: Percentage of service users in the clinical range (2, 3 or 4) for each HoNOS65+ item. Community discharge does not include discharge to an inpatient unit.

**Interpretation:** The higher the percentage, the more prevalent the difficulty measured by the item is amongst service users. A greater decrease between admission to discharge suggests a better outcome for the difficulty measured by the item. Items that show medium to high frequency and less change may suggest possible targets for service improvement.

**Target**: A greater decrease from admission to discharge and smaller percentage in clinical range at discharge.



Graph 7b: Percentage of collections in clinical range on each HoNOS65+ item (review collections), New Zealand, Jul 2017 - Jun 2018



**Notes:** Percentage of service users in the clinical range (2, 3 or 4) for each HoNOS65+ item on review collections. Due to most admission being less than 91 days, the data set for review collections in inpatient settings is relatively small.

HoNOS65+ items

**Interpretation:** The longer the bar, the more prevalent the difficulty measured by the item is amongst service users.



Table 7b: Percentage of collections in clinical range on each HoNOS65+ item (review collections) by team, New Zealand, Jul 2017 - Jun 2018

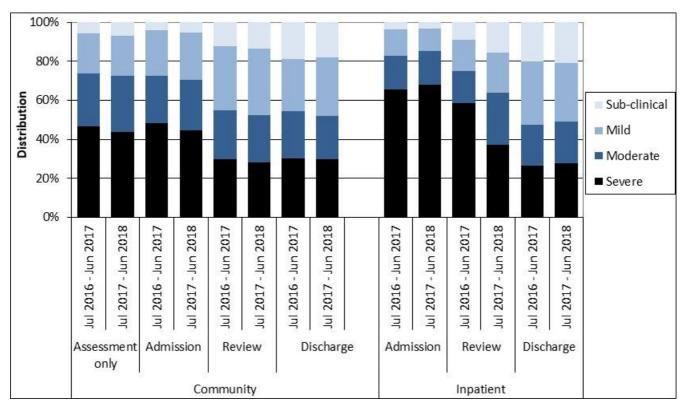
Team type	N	AGR	SH	AOD	COG	PHY	DelHal	DEP	OTH	REL	ADL	LIV	occ
				С	ommuni	ty service	es						
Community team	1,566	7%	2%	4%	25%	52%	28%	22%	42%	26%	28%	7%	18%
Kaupapa Māori team	63	6%	3%	5%	19%	59%	22%	14%	30%	29%	25%	3%	8%
Older people team	4,324	13%	1%	2%	47%	54%	16%	22%	39%	27%	47%	8%	17%
Total	5,996	12%	2%	3%	41%	53%	19%	22%	40%	27%	42%	7%	17%
					Inpatient	t service:	S						
Inpatient team	52	27%	15%	6%	52%	52%	38%	48%	63%	56%	46%	8%	6%
Older people team	82	26%	7%	5%	49%	45%	43%	20%	26%	46%	35%	16%	20%
Total	153	25%	9%	5%	45%	46%	37%	28%	39%	50%	35%	12%	14%

**Notes:** Percentage of service users in the clinical range (2, 3 or 4) for each HoNOS65+ item on review collections. Due to most admission being less than 91 days, the data set for review collections in inpatient settings is relatively small.

**Interpretation:** The higher the percentage, the more prevalent the difficulty measured by the item is amongst service users.



Graph 8: Index of severity ratings for HoNOS65+ by collection type, New Zealand, Jul 2016 - Jun 2017 and Jul 2017 - Jun 2018



**Notes:** Community discharge does not include discharge to an inpatient unit. Index of Severity: Sub clinical = all items <2, mild = at least one item >1 and all items <3, moderate = at least one item >=3, severe = at least 2 items >=3 using the first 10 items. Community discharge does not include discharge to an inpatient unit.

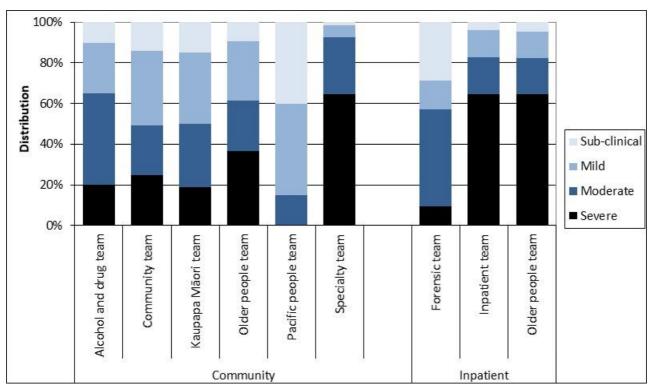
**Interpretation:** Darker bars indicate higher overall level of severity. A more positive outcome is indicated by a larger decrease in darker sections of bar between admission and discharge.



## 3. Other measures of service activity

This section presents other information related to data collected in PRIMHD that may be helpful for understanding how teams are operating. This includes information relevant to caseload intensity and team activity.

Graph 9: Index of severity for HoNOS65+ (admission and review collections) by team, New Zealand, Jul 2017 - Jun 2018



**Notes:** Only data related to collection at admission and review is included so that results reflect the severity of service users during their engagement with the service. Index of Severity: Sub clinical = all items <2, mild = at least one item >1 and all items <3, moderate = at least one item >=3, severe = at least 2 items >=3 using first 10 items.

**Interpretation**: This graph gives an impression of the overall severity of the caseload for different teams at admission. The longer the darker bar, the higher the overall severity of the team's caseload.



Table 9: Index of severity for HoNOS65+ by collection type and team, New Zealand, Jul 2017 - Jun 2018

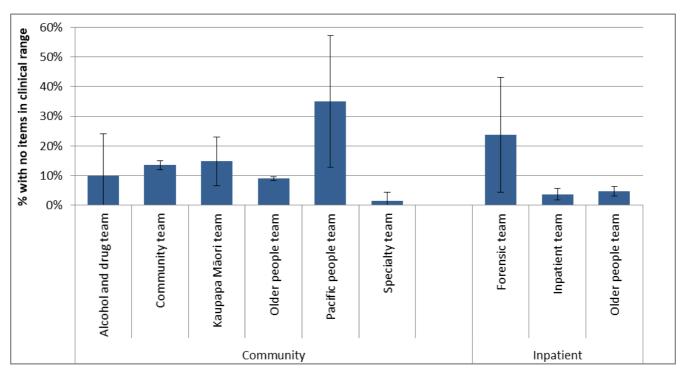
Toom type		Asse	ssmen	t only			A	dmissi	on				Reviev	٧			D	ischar	ge	
Team type	Sub	Mild	Mod	Sev	N	Sub	Mild	Mod	Sev	N	Sub	Mild	Mod	Sev	N	Sub	Mild	Mod	Sev	N
							Con	nmuni	ty serv	vices .										
Community team	5%	19%	34%	41%	447	5%	32%	23%	40%	365	16%	38%	25%	21%	1,566	24%	33%	24%	18%	272
Kaupapa Māori team											17%	37%	30%	16%	63					
Older people team	8%	21%	26%	45%	925	5%	24%	26%	45%	3,106	12%	33%	24%	31%	4,324	17%	30%	22%	31%	2,442
Specialty team	8%	21%	25%	46%	24	1%	6%	28%	64%	67										
Total	7%	20%	29%	44%	1,412	5%	25%	26%	45%	3,579	13%	34%	24%	28%	5,997	18%	30%	22%	30%	2,735
							In	oatien	t servi	ces										
Inpatient team						2%	13%	17%	67%	299	13%	13%	23%	50%	52	18%	34%	21%	26%	262
Older people team						4%	11%	17%	69%	588	13%	26%	24%	37%	82	22%	28%	22%	28%	639
Total						3%	12%	17%	68%	889	16%	20%	27%	37%	153	21%	30%	22%	27%	902

**Notes:** Sub = sub clinical, Mild = mild, Mod = moderate, Sev = severe on Index of Severity. Only admission collection data is included so that results reflect the severity of service users during their engagement with the service. Index of Severity: Sub clinical = all items <2, mild = at least one item >1 and all items <3, moderate = at least one item >=3, severe = at least 2 items >=3 using first 10 items. Community discharge does not include discharge to an inpatient unit.

**Interpretation:** Larger percentages in the columns to the right for each type of collection, the higher the overall severity of the team's caseload.



Graph 10: Collections with no HoNOS65+ items in clinical range, New Zealand, Jul 2017 - Jun 2018



**Notes**: Includes admission and review collections. Shows percentage of service users with all HoNOS65+ items less than two, ie no HoNOS65+ items in the clinical range.

**Interpretation**: There are a variety of reasons that may make it appropriate for service users to remain in the service even though they show no HoNOS65+ items in the clinical range. However, teams showing a larger or substantial percentage of service users with no HoNOS65+ items in the clinical range could benefit from reviewing these cases to ensure that the service remains appropriate for this service user.

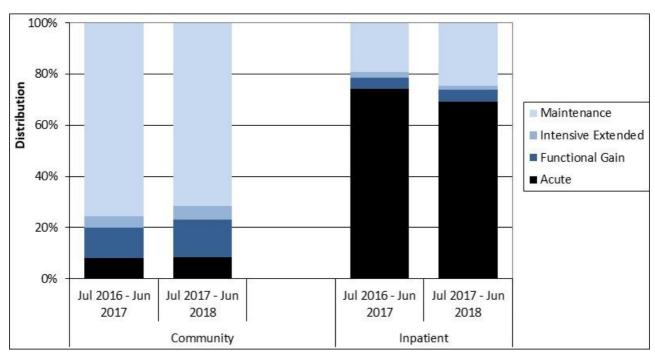
Table 10: Collections with no HoNOS65+ items in clinical range, New Zealand, Jul 2017 - Jun 2018

Team type	Number of collections with no items in clinical range	Percentage with no items in clinical range
Cor	nmunity services	
Alcohol and drug team	2	10%
Community team	261	14%
Kaupapa Māori team	11	15%
Older people team	666	9%
Pacific people team	7	35%
Specialty team	1	1%
Total	953	10%
In	patient services	
Forensic team	5	24%
Inpatient team	13	4%
Older people team	32	5%
Total	50	5%

Notes: For further information see notes for Graph 10.



Graph 11: Focus of care categories, New Zealand, Jul 2016 - Jun 2017 and Jul 2017 - Jun 2018



Notes: Data from review and discharge collections.

**Interpretation:** Darker bars indicate more intensive involvement in care, so a longer or darker bar in general suggests more intensive working. A longer functional gain bar and shorter maintenance bar potentially suggests more recovery focused ways of working.

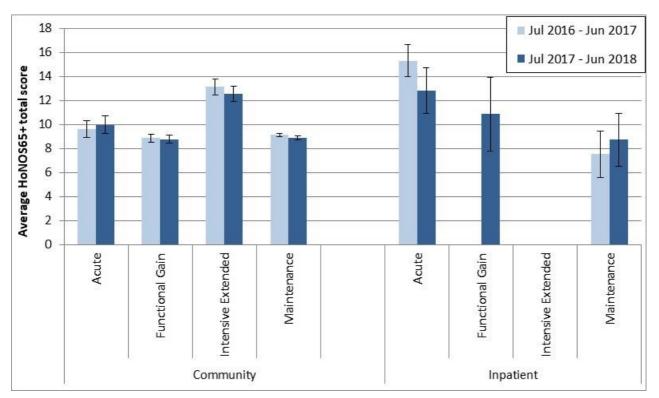
Table 11: Focus of care categories by team, New Zealand, Graph 11: Focus of care categories, New Zealand, Jul 2016 - Jun 2017 and Jul 2017 - Jun 2018

Team type	Acute		Functional gain			nsive nded	Mainte	nance	Number of collections		
	Last Period	This Period	Last Period	This Period	Last Period	This Period	Last Period	This Period	Last Period	This Period	
			Comm	unity s	ervices	;					
Community team	6%	5%	19%	21%	4%	3%	71%	71%	2,032	1,851	
Kaupapa Māori team	0%	1%	16%	8%	2%	3%	82%	88%	49	73	
Older people team	9%	9%	10%	13%	4%	6%	77%	71%	7,229	6,582	
Pacific people team	3%		31%		0%		66%		29		
Total	8%	8%	12%	15%	4%	5%	76%	72%	9,368	8,560	
	•		Inpat	ient se	rvices						
Inpatient team	83%	85%	6%	6%	3%	3%	9%	7%	349	307	
Older people team	70%	64%	4%	4%	2%	1%	25%	31%	610	672	
Total	74%	69%	4%	5%	2%	2%	19%	24%	961	998	

**Notes:** For further information see notes for Graph 11.



Graph 12: HoNOS65+ total score (review collections) by focus of care, New Zealand, Jul 2016 - Jun 2017 and Jul 2017 - Jun 2018



**Notes**: This data is for review collections only.

**Interpretation:** Points are significantly different if error bars don't overlap. A general downward trend in scores from acute to maintenance focus of care might be expected.



Table 12: HoNOS65+ total score (review collections) by focus of care by team, New Zealand, Jul 2017 - Jun 2018

Team type		Acute		F	unctional	gain	Int	ensive ex	tended	Maintenance		
Team type	N	Mean	CI	N	Mean	CI	N	Mean	CI	N	Mean	CI
				С	ommunity	services						
Community team	40	13.9	12.2-15.6	312	8.9	8.3-9.4	52	11.5	10.1-12.9	1,130	8.1	7.8-8.4
Kaupapa Māori team										55	7.6	6.1-9.0
Older people team	206	9.2	8.4-9.9	517	8.8	8.3-9.2	247	12.8	12.1-13.5	3,076	9.2	9.0-9.4
Total	247	10.0	9.2-10.7	844	8.8	8.4-9.1	301	12.6	11.9-13.2	4,293	8.9	8.7-9.0
					Inpatient	services						
Inpatient team	38	12.4	10.3-14.5									
Older people team	46	13.5	10.4-16.6							23	8.7	5.9-11.5
Total	85	12.8	10.9-14.8	21	10.9	7.8-13.9				40	8.7	6.5-10.9

**Notes:** For further information see notes for Graph 12.

