# PRIMHD summary report – HoNOS

Health of the Nation Outcomes Scales – working age adults report for New Zealand

This report summarises national Programme for the Integration of Mental Health Data (PRIMHD) data submitted by district health boards (DHB). In particular, it presents Health of the National Outcomes Scale for working aged adults (HoNOS) data, from services where HoNOS is the primary measure.

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

1. **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.

2. **Service related information:** This provides information about the services, such as the overall severity of service users who use different services.

3. **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.

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, then 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 11 and 12 was extracted 14 January 2021 from PRIMHD by the Ministry of Health and formatted by Te Pou. The data for graphs and tables 1 to 10 and 13 was extracted 28 December 2020 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. Outcomes – changes in service user status

This section presents HoNOS data indicating the status of service users at different stages of their contact with DHB mental health services. Graph and Table 1, and Graph 2 show results from HoNOS total scores. Graphs and Tables 3 to 5b show results related to the percentage of HoNOS items in the clinical range. Table 6 shows results from the Index of Severity derived from HoNOS scores.

**Graph 1: Average HoNOS total score (12 items) by collection type: New Zealand, Oct 2018 - Sep 2019 and Oct 2019 - Sep 2020**
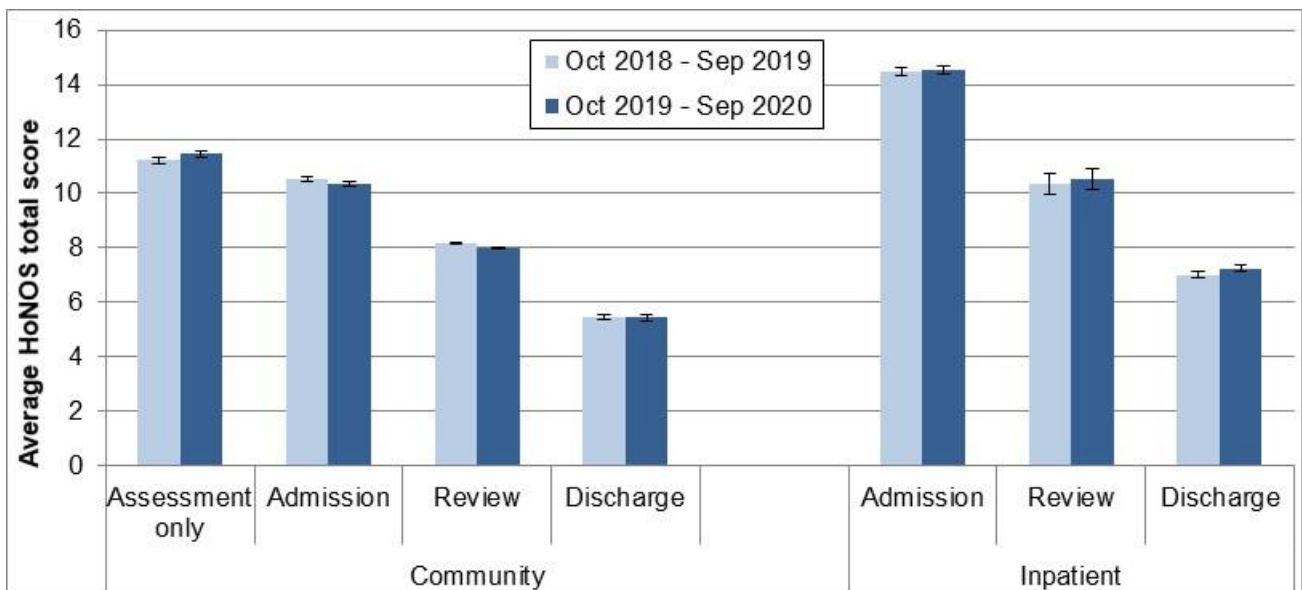


**Notes:** Error bars indicate the confidence intervals around the data point. If error bars overlap, the data points are not significantly different. Community discharge does not include discharge to an inpatient unit.

**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 HoNOS score at discharge, the more positive the outcome.

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

## Table 1: Average HoNOS total score (12 items), by collection type and team: New Zealand, Oct 2019 - Sep 2020

| Team type | Assessment only | | | Admission | | | Review | | | Discharge | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | Mean | CI | N | Mean | CI | N | Mean | CI | N | Mean | CI |
| **Community services** | | | | | | | | | | | | |
| Alcohol and drug team | 273 | 10.7 | 10.0-11.4 | 480 | 10.3 | 9.8-10.8 | 601 | 8.8 | 8.4-9.3 | 240 | 5.4 | 4.8-6.0 |
| Child and youth team | 37 | 11.2 | 8.8-13.7 | 61 | 11.8 | 10.2-13.5 | 186 | 8.5 | 7.6-9.4 | 78 | 7.1 | 5.8-8.3 |
| Co-existing problem team | | | | | | | 36 | 8.5 | 7.1-10.0 | | | |
| Community team | 10,820 | 11.5 | 11.4-11.6 | 10,870 | 10.6 | 10.4-10.7 | 35,012 | 8.0 | 8.0-8.1 | 6,161 | 5.7 | 5.6-5.8 |
| Early intervention team | | | | 352 | 10.6 | 9.9-11.3 | 1,262 | 8.2 | 7.9-8.6 | 135 | 4.5 | 3.8-5.3 |
| Eating disorders team | 32 | 9.7 | 7.5-11.9 | 361 | 11.0 | 10.4-11.5 | 272 | 8.5 | 7.9-9.1 | 192 | 5.5 | 4.8-6.2 |
| Forensic team | 42 | 10.1 | 8.5-11.6 | 31 | 10.0 | 8.0-12.1 | 98 | 6.6 | 5.5-7.6 | 69 | 3.6 | 2.7-4.6 |
| Kaupapa Māori team | 325 | 11.4 | 10.8-12.0 | 514 | 10.1 | 9.6-10.6 | 3,055 | 8.6 | 8.4-8.8 | 230 | 6.1 | 5.4-6.7 |
| Maternal mental health team | 148 | 7.0 | 6.2-7.8 | 1,017 | 8.4 | 8.1-8.7 | 1,184 | 7.1 | 6.8-7.4 | 884 | 3.6 | 3.4-3.9 |
| Needs assessment and service coordination team | | | | | | | 107 | 8.3 | 7.3-9.3 | | | |
| Older people team | 21 | 10.1 | 7.8-12.4 | 72 | 12.0 | 10.5-13.5 | 122 | 9.7 | 8.7-10.7 | 42 | 8.0 | 6.7-9.3 |
| Pacific people team | | | | 160 | 7.0 | 6.3-7.7 | 1,267 | 4.7 | 4.5-4.9 | 79 | 2.7 | 2.1-3.3 |
| Specialty team | 158 | 18.4 | 17.2-19.7 | 63 | 11.1 | 10.0-12.2 | | | | | | |
| **Total** | **11,887** | **11.5** | **11.3-11.6** | **14,011** | **10.4** | **10.3-10.5** | **43,238** | **8.0** | **7.9-8.0** | **8,127** | **5.4** | **5.3-5.5** |
| **Inpatient services** | | | | | | | | | | | | |
| Alcohol and drug team | | | | 228 | 9.5 | 9.0-10.0 | | | | 213 | 7.3 | 6.8-7.8 |
| Forensic team | | | | 22 | 13.0 | 8.5-17.5 | 56 | 14.0 | 12.4-15.6 | 25 | 6.2 | 2.8-9.6 |
| Inpatient team | | | | 8,879 | 14.7 | 14.5-14.8 | 1,106 | 10.4 | 10.0-10.9 | 8,209 | 7.2 | 7.1-7.3 |
| Maternal mental health team | | | | 96 | 10.6 | 9.5-11.6 | 19 | 5.2 | 3.0-7.3 | 77 | 7.8 | 6.5-9.2 |
| Older people team | | | | | | | | | | 23 | 11.7 | 8.1-15.4 |
| Specialty team | | | | 24 | 13.3 | 11.8-14.9 | | | | 44 | 9.2 | 8.1-10.2 |
| **Total** | | | | **9,280** | **14.5** | **14.4-14.7** | **1,183** | **10.5** | **10.1-10.9** | **8,608** | **7.2** | **7.1-7.4** |

**Notes:** N = number of collections in period. Average = average HoNOS (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 have a statistically significant difference. It is important to note that statistical significance may not indicate a clinically significant difference.

**Graph 2: Difference in HoNOS total score (12 items) for matched pairs by pair type and setting, New Zealand, Oct 2018 - Sep 2019 and Oct 2019 - Sep 2020**
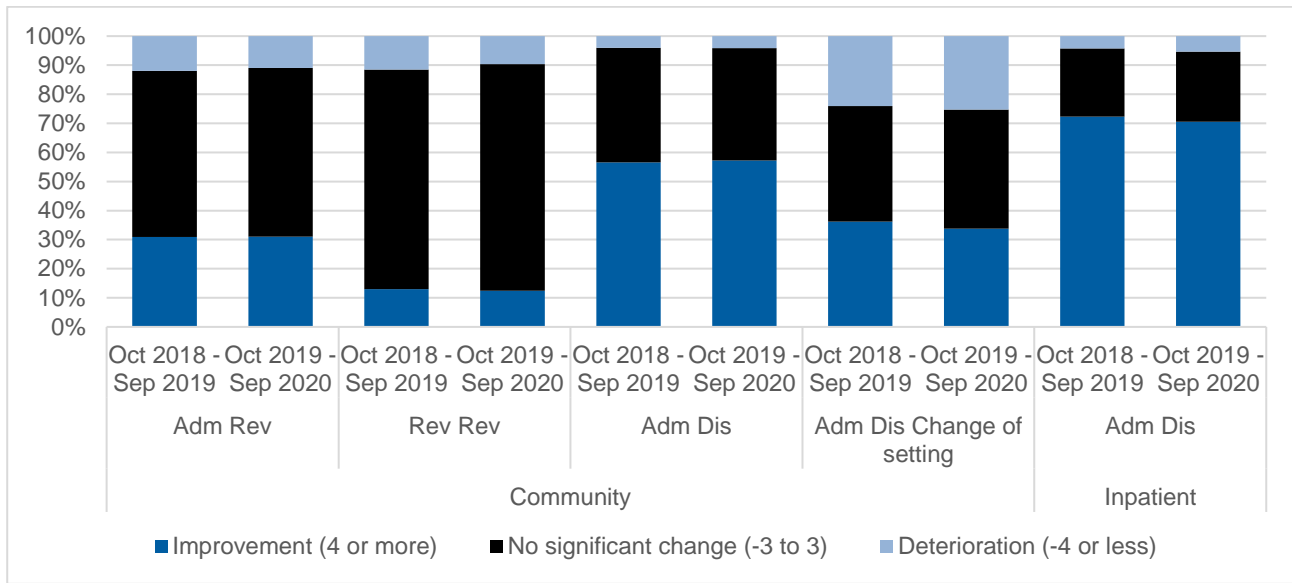


**Notes:** Shows the difference of the matched pair between the start and end HoNOS total score. Community admission to discharge includes discharge no further care and discharge other.

I**nterpretation:** The graphs compare two time periods. Dark blue band indicates percentage improvement within the given time period, while black band indicates no significant change and light blue deterioration. Improvement = 4 or more, no significant change = -3 to 3 and deterioration = -4 or less.

**Target**: A greater percentage increase in improvement for both community and inpatient settings and a smaller percentage in deterioration.

**Table 2: Difference in HoNOS total score (12 items) for matched pairs by pair type and team, community New Zealand, Oct 2019 - Sep 2020**

| Team Type | Com Adm Rev | | | | Com Rev Rev | | | | Com Adm Dis | | | | Com Adm Dis Change of setting | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ↓ Det | No SC | ↑ Imp | N | ↓ Det | No SC | ↑ Imp | N | ↓ Det | No SC | ↑ Imp | N | ↓ Det | No SC | ↑ Imp | N |
| Alcohol and drug team | 16% | 43% | 40% | 67 | 18% | 71% | 11% | 200 | 5% | 44% | 51% | 175 | 18% | 54% | 29% | 28 |
| Child and youth team | | | | | 9% | 76% | 15% | 78 | | | | | | | | |
| Community team | 11% | 59% | 31% | 3,128 | 9% | 79% | 12% | 18,278 | 4% | 39% | 57% | 3,251 | 27% | 40% | 33% | 1,904 |
| Early intervention team | 16% | 47% | 37% | 139 | 16% | 64% | 20% | 638 | 7% | 40% | 52% | 84 | 24% | 41% | 35% | 133 |
| Eating disorders team | 13% | 63% | 25% | 40 | 12% | 73% | 14% | 49 | 3% | 41% | 56% | 118 | 7% | 55% | 38% | 74 |
| Forensic team | | | | | 5% | 81% | 14% | 42 | 0% | 29% | 71% | 24 | | | | |
| Kaupapa Māori team | 15% | 60% | 25% | 175 | 11% | 76% | 13% | 1,714 | 9% | 41% | 50% | 104 | 28% | 47% | 26% | 129 |
| Maternal mental health team | 6% | 62% | 32% | 262 | 8% | 79% | 13% | 434 | 1% | 34% | 64% | 473 | 11% | 42% | 47% | 95 |
| Needs assessment and service coordination team | | | | | 6% | 94% | 0% | 67 | | | | | | | | |
| Older people team | | | | | 5% | 71% | 24% | 41 | 0% | 53% | 47% | 30 | | | | |
| Pacific people team | 13% | 48% | 39% | 61 | 9% | 80% | 11% | 730 | 5% | 35% | 59% | 37 | 19% | 44% | 37% | 59 |
| **Total** | **11%** | **58%** | **31%** | **3,915** | **10%** | **78%** | **12%** | **22,295** | **4%** | **39%** | **57%** | **4,327** | **25%** | **41%** | **34%** | **2,454** |

**Notes:** Shows the difference of the matched pair between the start and end HoNOS total score. Community admission to discharge includes discharge no further care and discharge other.

**Interpretation:** Improvement (↑Imp) = 4 or more, no significant change (No SC) = -3 to 3 and deterioration (↓Det) = -4 or less.

**Target**: A greater percentage increase in improvement for community setting and a smaller percentage in deterioration.

## Graph 3: Average number of clinically significant HoNOS items by collection type: New Zealand, Oct 2018 - Sep 2019 and Oct 2019 - Sep 2020
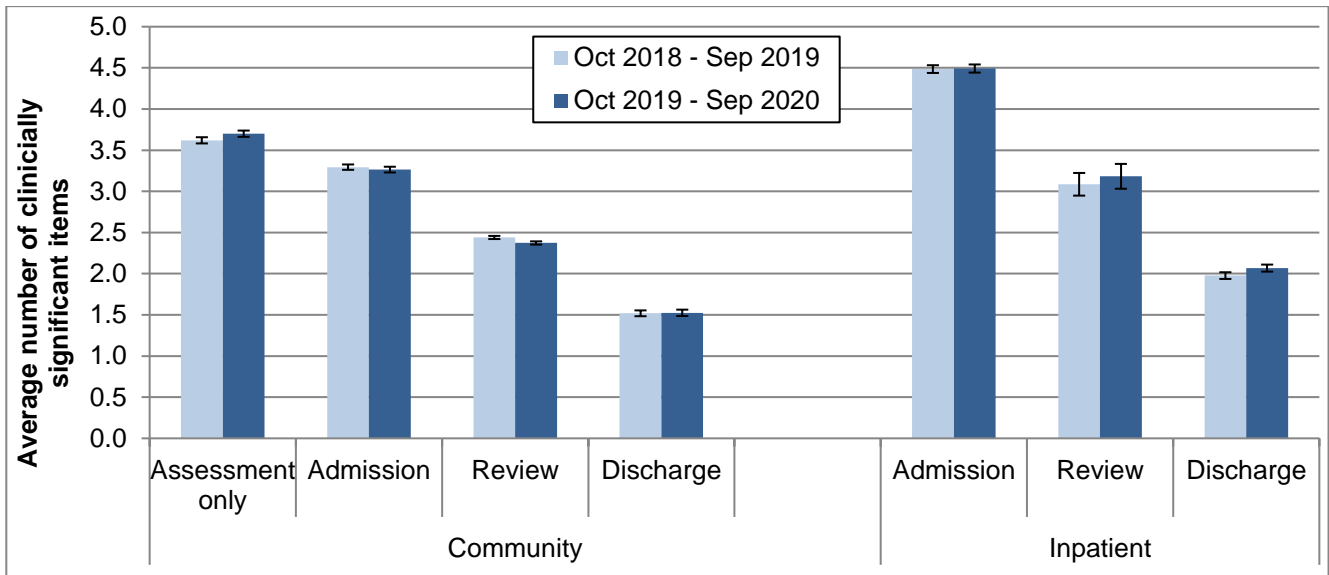


**Notes:** Average number clinically significant items = the average number of items in the clinical range (2, 3 or 4) per collection. Community discharge does not include discharge to an inpatient unit.

**Interpretation:** Points are significantly different if error bars don't overlap. A 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.
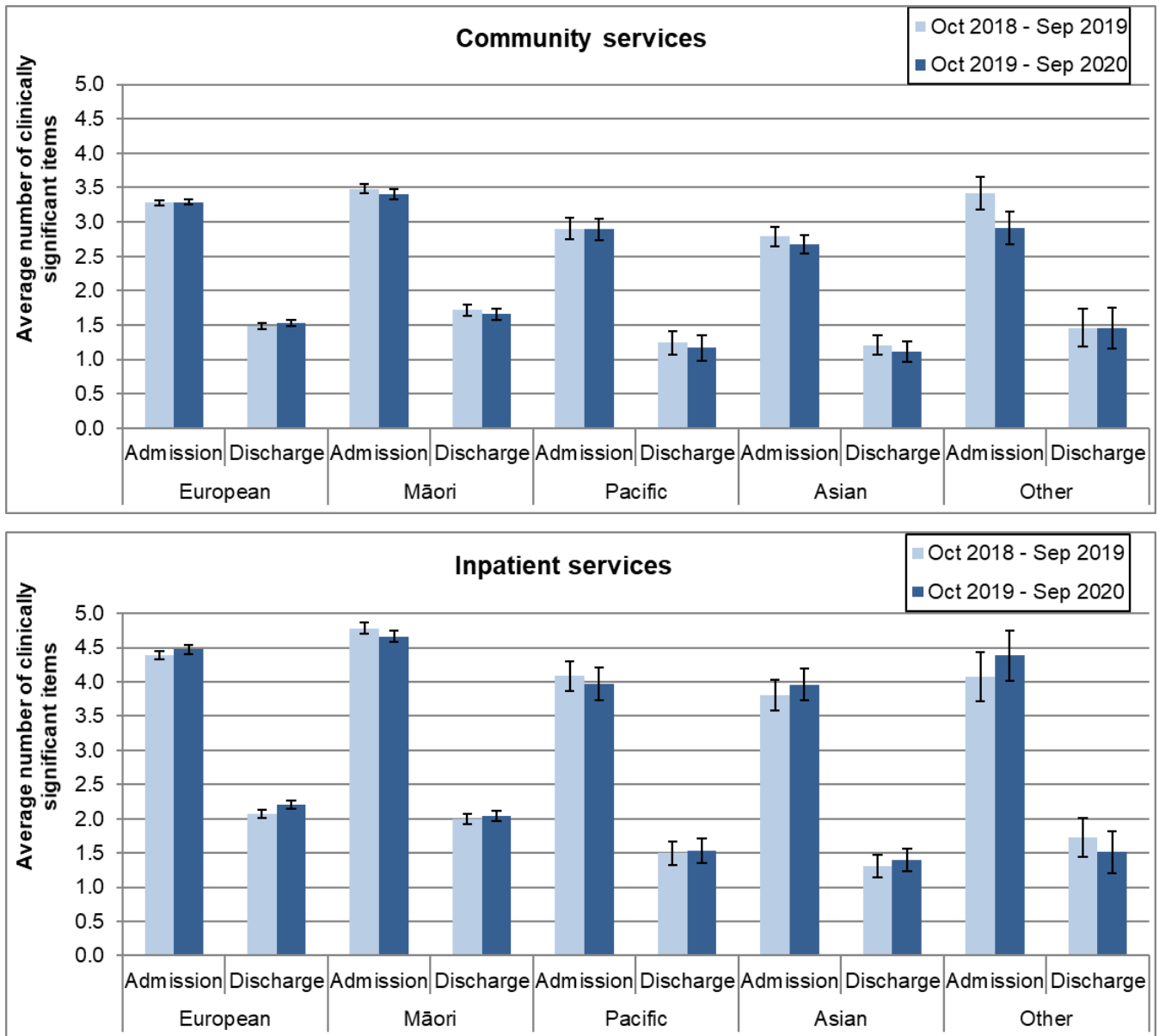
**Target**: A greater decrease from admission to discharge and smaller percentage in clinical range at discharge

## Table 3: Average number of clinically significant HoNOS items by collection type and team: New Zealand, Oct 2019 - Sep 2020

| Team type | Assessment only | | | Admission | | | Review | | | Discharge | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | Mean | CI | N | Mean | CI | N | Mean | CI | N | Mean | CI |
| **Community services** | | | | | | | | | | | | |
| Alcohol and drug team | 273 | 3.5 | 3.2-3.8 | 480 | 3.2 | 3.0-3.4 | 601 | 2.7 | 2.5-2.8 | 240 | 1.5 | 1.3-1.7 |
| Child and youth team | 37 | 3.4 | 2.7-4.2 | 61 | 3.9 | 3.2-4.5 | 186 | 2.5 | 2.2-2.8 | 78 | 2.2 | 1.7-2.7 |
| Co-existing problem team | | | | | | | 36 | 2.4 | 1.8-3.0 | | | |
| Community team | 10,820 | 3.7 | 3.7-3.8 | 10,870 | 3.3 | 3.3-3.4 | 35,012 | 2.4 | 2.4-2.4 | 6,161 | 1.6 | 1.6-1.7 |
| Early intervention team | | | | 352 | 3.4 | 3.1-3.6 | 1,262 | 2.5 | 2.4-2.6 | 135 | 1.3 | 1.0-1.6 |
| Eating disorders team | 32 | 3.2 | 2.4-4.0 | 361 | 3.3 | 3.1-3.5 | 272 | 2.6 | 2.4-2.8 | 192 | 1.6 | 1.4-1.9 |
| Forensic team | 42 | 2.5 | 1.9-3.0 | 31 | 2.7 | 2.0-3.4 | 98 | 1.7 | 1.4-2.1 | 69 | 0.7 | 0.4-0.9 |
| Kaupapa Māori team | 325 | 3.7 | 3.5-4.0 | 514 | 3.1 | 2.9-3.3 | 3,055 | 2.5 | 2.5-2.6 | 230 | 1.6 | 1.4-1.9 |
| Maternal mental health team | 148 | 2.1 | 1.9-2.4 | 1,017 | 2.6 | 2.5-2.7 | 1,184 | 2.2 | 2.1-2.4 | 884 | 0.9 | 0.8-1.0 |
| Needs assessment and service coordination team | | | | | | | 107 | 2.5 | 2.1-2.9 | | | |
| Older people team | 21 | 3.0 | 2.2-3.8 | 72 | 3.6 | 3.1-4.2 | 122 | 3.0 | 2.6-3.4 | 42 | 2.4 | 1.9-2.8 |
| Pacific people team | | | | 160 | 2.0 | 1.7-2.3 | 1,267 | 1.1 | 1.1-1.2 | 79 | 0.5 | 0.3-0.7 |
| Specialty team | 158 | 5.1 | 4.8-5.5 | 63 | 3.7 | 3.2-4.1 | | | | | | |
| **Total** | **11,887** | **3.7** | **3.7-3.7** | **14,011** | **3.3** | **3.2-3.3** | **43,238** | **2.4** | **2.4-2.4** | **8,127** | **1.5** | **1.5-1.6** |
| **Inpatient services** | | | | | | | | | | | | |
| Alcohol and drug team | | | | 228 | 2.6 | 2.4-2.8 | | | | 213 | 2.1 | 1.9-2.3 |
| Forensic team | | | | 22 | 3.9 | 2.4-5.3 | 56 | 4.9 | 4.2-5.6 | 25 | 1.6 | 0.6-2.6 |
| Inpatient team | | | | 8,879 | 4.6 | 4.5-4.6 | 1,106 | 3.1 | 3.0-3.3 | 8,209 | 2.1 | 2.0-2.1 |
| Maternal mental health team | | | | 96 | 3.1 | 2.8-3.5 | | | | 77 | 2.3 | 1.8-2.8 |
| Older people team | | | | | | | | | | 23 | 3.3 | 2.2-4.4 |
| Specialty team | | | | 24 | 4.8 | 4.3-5.3 | | | | 44 | 3.2 | 2.7-3.6 |
| **Total** | | | | **9,280** | **4.5** | **4.4-4.5** | **1,183** | **3.2** | **3.0-3.3** | **8,608** | **2.1** | **2.0-2.1** |

**Notes:** N = number of collections in period. Average = average number of HoNOS 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 have a statistically significant difference. It is important to note that statistical significance may not indicate a clinically significant difference

# Graph 4: Average number of clinically significant HoNOS items at admission and discharge by ethnic group: New Zealand, Oct 2018 - Sep 2019 and Oct 2019 - Sep 2020



**Notes:** Average number of HoNOS 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 5a: Percentage of collections in clinical range on each HoNOS item (admission and discharge collections): New Zealand, Oct 2019 - Sep 2020
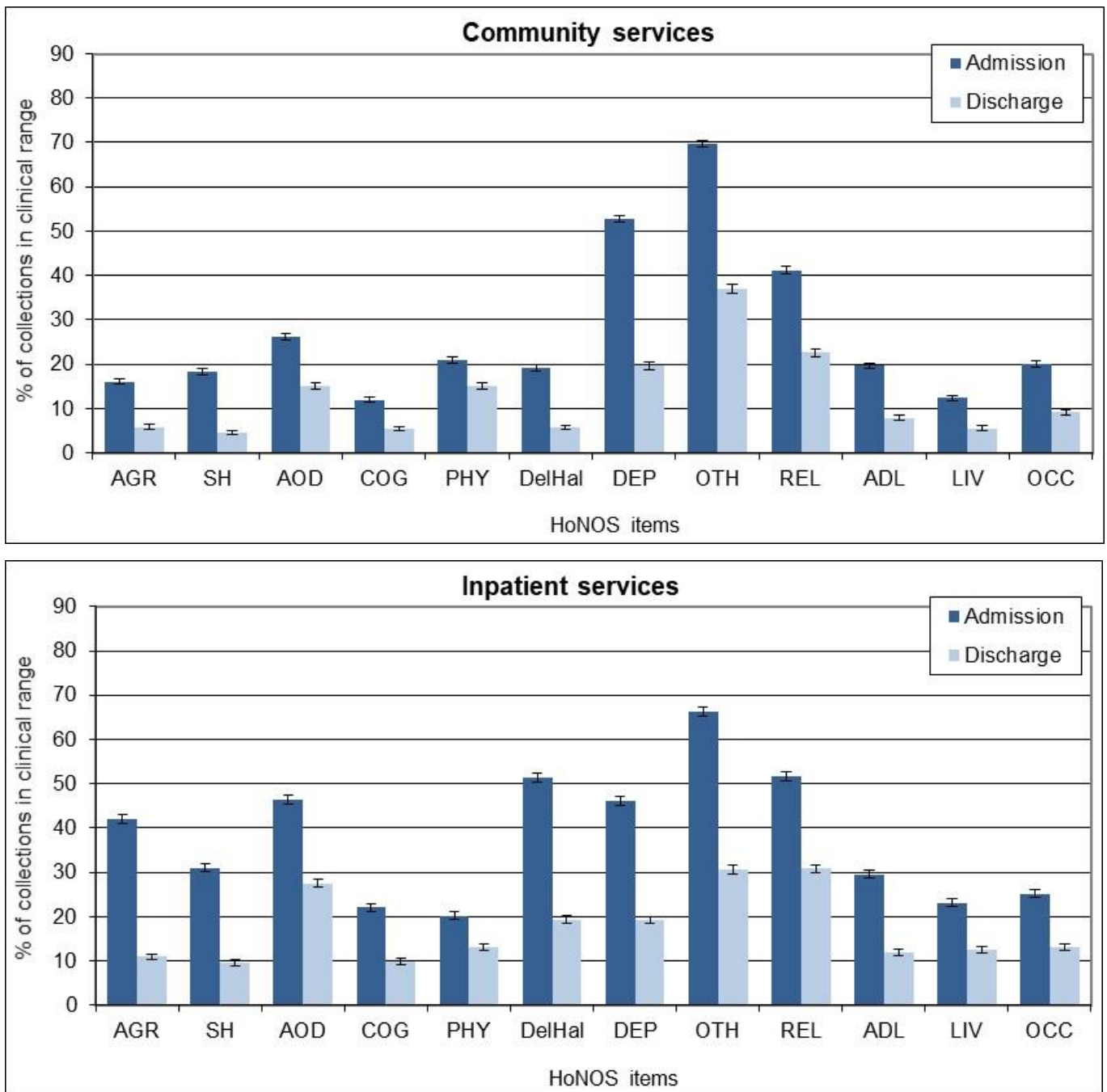


**Notes:** Percentage of service users in the clinical range (2, 3 or 4) for each HoNOS item. Community discharge does not include discharge to an inpatient unit.

**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 5a: Percentage of collections in clinical range on each HoNOS item (admission and discharge collections) by team: New Zealand Oct 2019 - Sep 2020**

Community services

| First 6 HoNOS items | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Team type | N | | AGR | | SH | | AOD | | COG | | PHY | | DelHal | |
| | Adm | Disch | Adm | Disch | Adm | Disch | Adm | Disch | Adm | Disch | Adm | Disch | Adm | Disch |
| Alcohol and drug team | 480 | 240 | 12% | 8% | 12% | 2% | 83% | 46% | 7% | 3% | 24% | 10% | 3% | 1% |
| Child and youth team | 61 | 78 | 23% | 9% | 31% | 14% | 25% | 15% | 15% | 8% | 18% | 17% | 18% | 6% |
| Community team | 10,857 | 6,153 | 17% | 6% | 21% | 5% | 26% | 16% | 12% | 6% | 21% | 17% | 20% | 6% |
| Early intervention team | 352 | 135 | 16% | 5% | 9% | 1% | 30% | 20% | 25% | 7% | 7% | 5% | 56% | 10% |
| Eating disorders team | 361 | 192 | 5% | 3% | 11% | 5% | 9% | 6% | 9% | 2% | 39% | 17% | 9% | 4% |
| Forensic team | 31 | 69 | 13% | 1% | 16% | 0% | 35% | 4% | 3% | 0% | 3% | 7% | 23% | 1% |
| Kaupapa Māori team | 514 | 230 | 14% | 9% | 10% | 3% | 30% | 18% | 13% | 7% | 18% | 11% | 26% | 11% |
| Maternal mental health team | 1,017 | 884 | 11% | 3% | 8% | 1% | 4% | 2% | 5% | 1% | 20% | 7% | 2% | 0% |
| Older people team | 72 | 42 | 28% | 10% | 4% | 0% | 4% | 0% | 69% | 67% | 43% | 52% | 26% | 5% |
| Pacific people team | 160 | 79 | 7% | 0% | 6% | 0% | 17% | 4% | 4% | 5% | 17% | 11% | 21% | 3% |
| Specialty team | 63 | | 11% | | 17% | | 8% | | 11% | | 56% | | 6% | |
| **Total** | **13,994** | **8,119** | **16%** | **6%** | **18%** | **4%** | **26%** | **15%** | **12%** | **5%** | **21%** | **15%** | **19%** | **6%** |

| Second 6 HoNOS items | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Team type** | **DEP** | | **OTH** | | **REL** | | **ADL** | | **LIV** | | **OCC** | |
| | Adm | Disch | Adm | Disch | Adm | Disch | Adm | Disch | Adm | Disch | Adm | Disch |
| Alcohol and drug team | 40% | 12% | 50% | 26% | 44% | 22% | 13% | 6% | 13% | 8% | 23% | 8% |
| Child and youth team | 59% | 31% | 80% | 57% | 49% | 31% | 34% | 15% | 15% | 8% | 21% | 6% |
| Community team | 53% | 21% | 70% | 38% | 42% | 24% | 20% | 8% | 12% | 6% | 21% | 10% |
| Early intervention team | 32% | 9% | 57% | 31% | 43% | 19% | 29% | 10% | 12% | 1% | 21% | 10% |
| Eating disorders team | 61% | 32% | 99% | 63% | 31% | 20% | 31% | 6% | 8% | 4% | 15% | 4% |
| Forensic team | 16% | 1% | 32% | 3% | 29% | 1% | 0% | 0% | 48% | 25% | 52% | 22% |
| Kaupapa Māori team | 43% | 21% | 58% | 30% | 40% | 28% | 18% | 8% | 19% | 7% | 21% | 10% |
| Maternal mental health team | 70% | 16% | 84% | 36% | 31% | 18% | 13% | 4% | 8% | 4% | 9% | 2% |
| Older people team | 29% | 10% | 42% | 10% | 35% | 26% | 55% | 52% | 11% | 2% | 20% | 5% |
| Pacific people team | 26% | 3% | 46% | 11% | 32% | 6% | 13% | 5% | 7% | 4% | 5% | 0% |
| Specialty team | 59% | | 95% | | 39% | | 37% | | 11% | | 16% | |
| **Total** | **53%** | **20%** | **70%** | **37%** | **41%** | **23%** | **20%** | **8%** | **12%** | **6%** | **20%** | **9%** |

**Inpatient services**

**First 6 HoNOS items**

| Team type | N | | AGR | | SH | | AOD | | COG | | PHY | | DelHal | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Adm | Disch | Adm | Disch | Adm | Disch | Adm | Disch | Adm | Disch | Adm | Disch | Adm | Disch |
| Alcohol and drug team | 228 | 213 | 7% | 10% | 1% | 4% | 100% | 100% | 8% | 9% | 36% | 30% | 1% | 2% |
| Forensic team | 22 | 25 | 45% | 16% | 14% | 8% | 33% | 8% | 41% | 8% | 5% | 16% | 50% | 20% |
| Inpatient team | 8,865 | 8,209 | 43% | 11% | 32% | 9% | 45% | 26% | 23% | 10% | 20% | 12% | 53% | 20% |
| Maternal mental health team | 96 | 77 | 18% | 14% | 28% | 19% | 10% | 6% | 9% | 8% | 17% | 13% | 22% | 12% |
| Older people team | | 23 | | 13% | | 13% | | 4% | | 61% | | 48% | | 17% |
| Specialty team | 24 | 44 | 25% | 11% | 75% | 39% | 29% | 14% | 4% | 0% | 29% | 14% | 4% | 2% |
| **Total** | **9,266** | **8,608** | **42%** | **11%** | **31%** | **10%** | **46%** | **28%** | **22%** | **10%** | **20%** | **13%** | **51%** | **19%** |

**Second 6 HoNOS items**

| Team type | DEP | | OTH | | REL | | ADL | | LIV | | OCC | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Adm | Disch | Adm | Disch | Adm | Disch | Adm | Disch | Adm | Disch | Adm | Disch |
| Alcohol and drug team | 52% | 26% | 26% | 18% | 13% | 7% | 6% | 2% | 14% | 3% | 17% | 2% |
| Forensic team | 27% | 8% | 55% | 20% | 55% | 20% | 18% | 12% | 16% | 4% | 35% | 17% |
| Inpatient team | 46% | 19% | 67% | 30% | 53% | 31% | 30% | 12% | 23% | 13% | 25% | 13% |
| Maternal mental health team | 69% | 40% | 71% | 52% | 34% | 36% | 25% | 16% | 11% | 11% | 4% | 7% |
| Older people team | | 17% | | 27% | | 43% | | 52% | | 21% | | 28% |
| Specialty team | 58% | 39% | 92% | 95% | 79% | 64% | 21% | 14% | 42% | 16% | 21% | 9% |
| **Total** | **46%** | **19%** | **66%** | **31%** | **52%** | **31%** | **30%** | **12%** | **23%** | **12%** | **25%** | **13%** |

**Notes:** Percentage of service users in the clinical range (2, 3 or 4) for each HoNOS item. Community discharge does not include discharges 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 and 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 5b: Percentage of collections in clinical range on each HoNOS item (review collections): New Zealand, Oct 2019 - Sep 2020
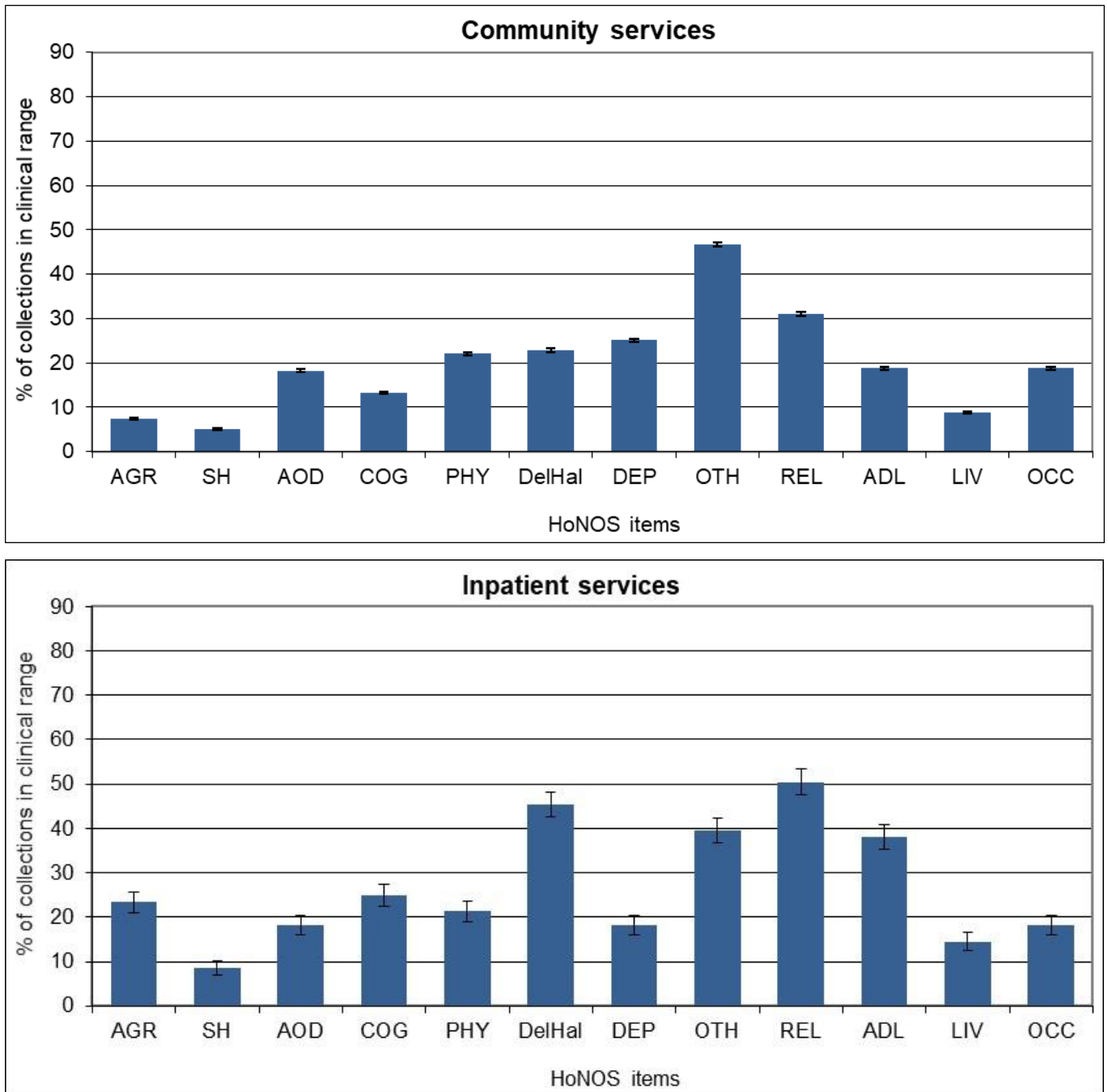


**Community services**

**Inpatient services**

**Notes:** Percentage of service users in the clinical range (2, 3 or 4) for each HoNOS 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 longer the bar, the more prevalent the difficulty measured by the item is amongst service users.

**Table 5b: Percentage of collections in clinical range on each HoNOS item (review collections) by team: New Zealand, Oct 2019 - Sep 2020**

| Team type | N | AGR | SH | AOD | COG | PHY | DelHal | DEP | OTH | REL | ADL | LIV | OCC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Community services** | | | | | | | | | | | | | |
| Alcohol and drug team | 601 | 10% | 6% | 71% | 7% | 33% | 2% | 29% | 44% | 28% | 9% | 9% | 18% |
| Child and youth team | 186 | 16% | 15% | 14% | 10% | 18% | 15% | 37% | 55% | 34% | 19% | 4% | 13% |
| Co-existing problem team | 36 | 11% | 8% | 29% | 3% | 22% | 14% | 28% | 50% | 42% | 8% | 11% | 17% |
| Community team | 34,980 | 7% | 5% | 17% | 14% | 23% | 24% | 25% | 47% | 32% | 19% | 9% | 19% |
| Early intervention team | 1,261 | 7% | 6% | 28% | 18% | 8% | 31% | 22% | 50% | 34% | 25% | 8% | 17% |
| Eating disorders team | 272 | 4% | 10% | 5% | 5% | 31% | 6% | 49% | 94% | 24% | 20% | 6% | 10% |
| Forensic team | 98 | 5% | 3% | 13% | 1% | 17% | 13% | 4% | 30% | 18% | 9% | 18% | 41% |
| Kaupapa Māori team | 3,052 | 8% | 4% | 26% | 15% | 24% | 25% | 22% | 45% | 29% | 19% | 14% | 23% |
| Maternal mental health team | 1,184 | 10% | 3% | 3% | 4% | 17% | 1% | 52% | 75% | 32% | 12% | 7% | 10% |
| Needs assessment and service coordination team | 107 | 7% | 3% | 17% | 27% | 21% | 31% | 10% | 31% | 32% | 27% | 12% | 28% |
| Older people team | 122 | 20% | 2% | 7% | 52% | 46% | 23% | 19% | 33% | 31% | 52% | 1% | 16% |
| Pacific people team | 1,267 | 3% | 1% | 10% | 6% | 13% | 19% | 11% | 18% | 14% | 8% | 4% | 7% |
| **Total** | **43,201** | **7%** | **5%** | **18%** | **13%** | **22%** | **23%** | **25%** | **47%** | **31%** | **19%** | **9%** | **19%** |
| **Inpatient services** | | | | | | | | | | | | | |
| Forensic team | 56 | 36% | 14% | 20% | 54% | 43% | 57% | 23% | 59% | 66% | 71% | 15% | 32% |
| Inpatient team | 1,106 | 23% | 8% | 18% | 24% | 21% | 45% | 18% | 39% | 51% | 37% | 15% | 18% |
| **Total** | **1,183** | **23%** | **9%** | **18%** | **25%** | **21%** | **45%** | **18%** | **39%** | **50%** | **38%** | **15%** | **18%** |

**Notes:** Percentage of service users in the clinical range (2, 3 or 4) for each HoNOS 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 6: Index of Severity ratings for HoNOS by collection type: New Zealand, Oct 2018 - Sep 2019 and Oct 2019 - Sep 2020
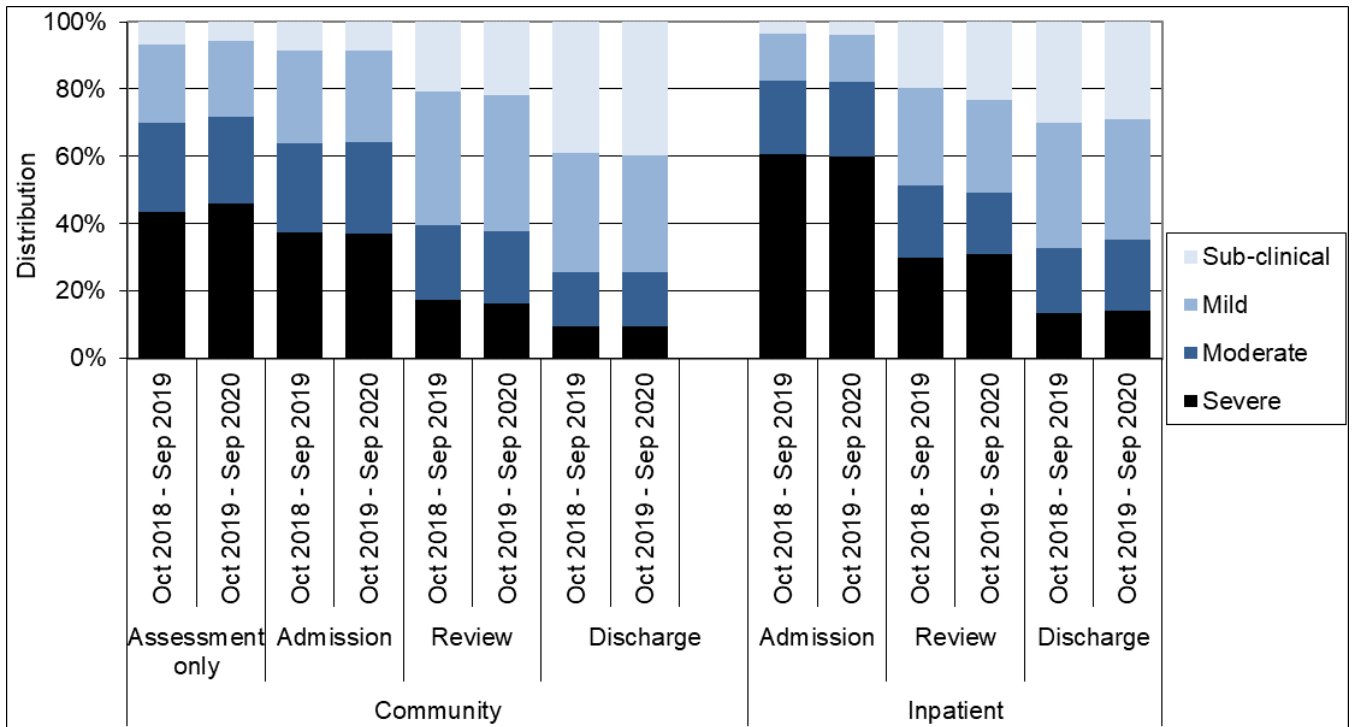


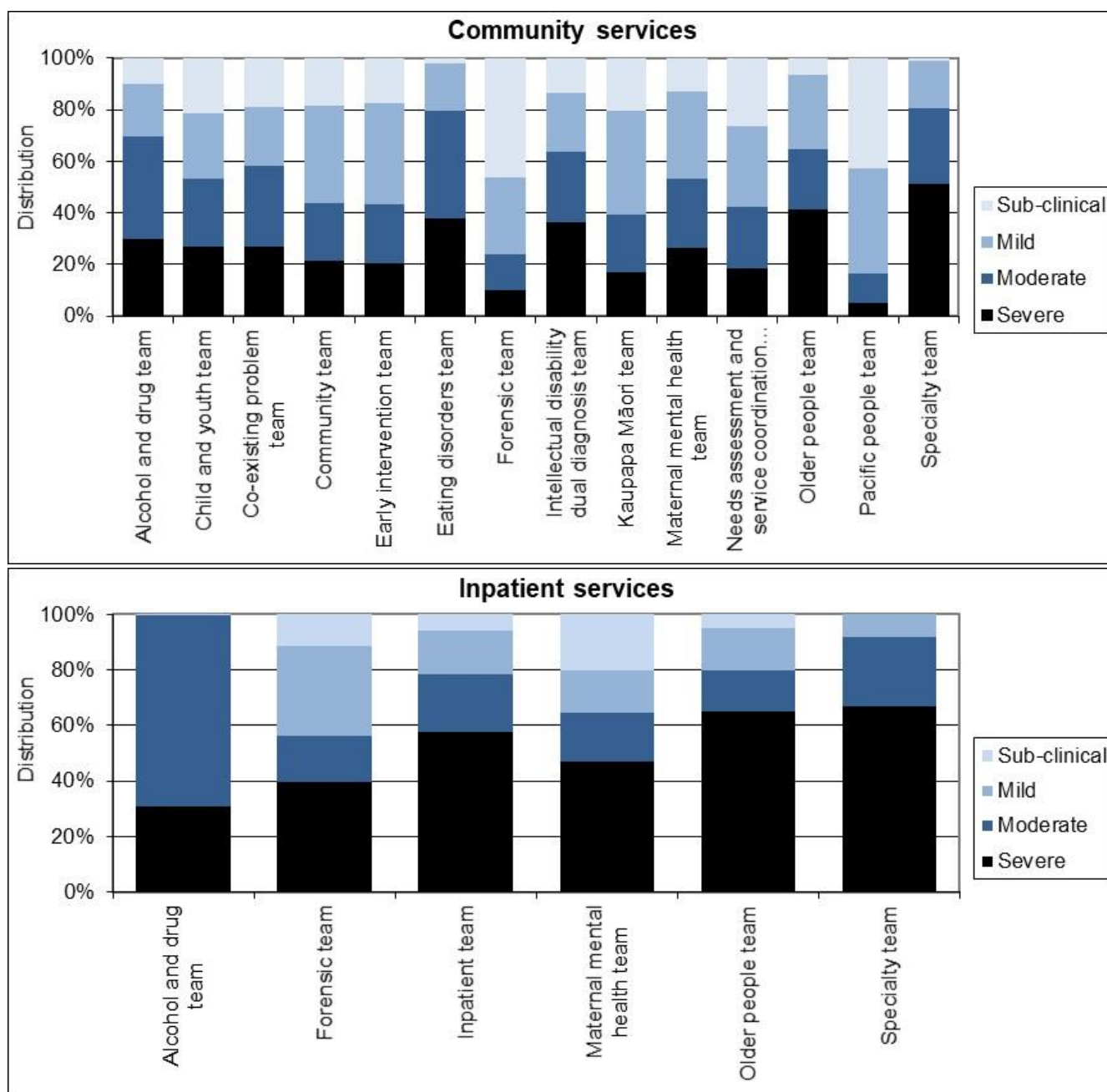**Notes:** Community discharge does not include discharge to an inpatient unit. Index of Severity: Sub clinical = all items <2, mild = at least one item >1 and all items <3, moderate = at least one item >=3, severe = at least 2 items >=3 using first 10 items.

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

# 2. 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 7: Index of Severity for HoNOS (admission and review collections) by team, New Zealand, Oct 2019 - Sep 2020**



**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 7: Index of Severity for HoNOS by collection type and team: New Zealand, Oct 2019 - Sep 2020

| Team type | Assessment only | | | | | Admission | | | | | Review | | | | | Discharge | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sub | Mild | Mod | Sev | N | Sub | Mild | Mod | Sev | N | Sub | Mild | Mod | Sev | N | Sub | Mild | Mod | Sev | N |
| **Community services** | | | | | | | | | | | | | | | | | | | | |
| Alcohol and drug team | 12% | 17% | 26% | 45% | 273 | 7% | 14% | 44% | 35% | 480 | 13% | 25% | 37% | 26% | 601 | 38% | 31% | 20% | 12% | 240 |
| Child and youth team | 3% | 19% | 35% | 43% | 37 | 10% | 23% | 26% | 41% | 61 | 25% | 26% | 26% | 23% | 186 | 24% | 41% | 19% | 15% | 78 |
| Co-existing problem team | | | | | | | | | | | 22% | 28% | 33% | 17% | 36 | | | | | |
| Community team | 5% | 22% | 26% | 46% | 10,820 | 9% | 27% | 26% | 38% | 10,870 | 21% | 41% | 22% | 16% | 35,012 | 37% | 36% | 17% | 10% | 6,161 |
| Early intervention team | | | | | | 11% | 35% | 24% | 30% | 352 | 20% | 40% | 22% | 18% | 1,262 | 49% | 31% | 13% | 7% | 135 |
| Eating disorders team | 9% | 16% | 41% | 34% | 32 | 0% | 9% | 44% | 46% | 361 | 4% | 30% | 39% | 27% | 272 | 33% | 25% | 27% | 16% | 192 |
| Forensic team | 50% | 21% | 26% | 2% | 42 | 32% | 19% | 32% | 16% | 31 | 51% | 33% | 8% | 8% | 98 | 86% | 12% | 3% | 0% | 69 |
| Kaupapa Māori team | 9% | 27% | 24% | 40% | 325 | 12% | 38% | 23% | 27% | 514 | 22% | 41% | 22% | 15% | 3,055 | 40% | 38% | 15% | 8% | 230 |
| Maternal mental health team | 20% | 43% | 18% | 20% | 148 | 9% | 27% | 29% | 35% | 1,017 | 16% | 39% | 25% | 20% | 1,184 | 54% | 32% | 9% | 5% | 884 |
| Needs assessment and service coordination team | | | | | | | | | | | 28% | 34% | 21% | 17% | 107 | | | | | |
| Older people team | 10% | 19% | 19% | 52% | 21 | 4% | 25% | 24% | 47% | 72 | 8% | 31% | 23% | 38% | 122 | 12% | 21% | 33% | 33% | 42 |
| Pacific people team | | | | | | 23% | 47% | 16% | 14% | 160 | 45% | 40% | 11% | 4% | 1,267 | 70% | 27% | 4% | 0% | 79 |
| Specialty team | 1% | 6% | 11% | 81% | 158 | 2% | 17% | 24% | 57% | 63 | | | | | | | | | | |
| **Total** | **6%** | **22%** | **26%** | **46%** | **11,887** | **9%** | **27%** | **27%** | **37%** | **14,011** | **22%** | **40%** | **22%** | **16%** | **43,238** | **40%** | **35%** | **16%** | **10%** | **8,127** |

| Team type | Assessment only | | | | | Admission | | | | | Review | | | | | Discharge | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sub | Mild | Mod | Sev | N | Sub | Mild | Mod | Sev | N | Sub | Mild | Mod | Sev | N | Sub | Mild | Mod | Sev | N |
| **Inpatient services** | | | | | | | | | | | | | | | | | | | | |
| Alcohol and drug team | | | | | | 0% | 0% | 69% | 31% | 228 | | | | | | 0% | 0% | 75% | 24% | 213 |
| Forensic team | | | | | | 18% | 27% | 14% | 41% | 22 | 9% | 34% | 18% | 39% | 56 | 64% | 12% | 12% | 12% | 25 |
| Inpatient team | | | | | | 4% | 14% | 21% | 61% | 8,879 | 23% | 27% | 19% | 31% | 1,106 | 30% | 37% | 20% | 13% | 8,209 |
| Maternal mental health team | | | | | | 11% | 13% | 21% | 55% | 96 | | | | | | 29% | 25% | 21% | 26% | 77 |
| Older people team | | | | | | | | | | | | | | | | 13% | 17% | 9% | 61% | 23 |
| Specialty team | | | | | | 0% | 8% | 25% | 67% | 24 | | | | | | 2% | 34% | 30% | 34% | 44 |
| **Total** | | | | | | **4%** | **14%** | **22%** | **60%** | **9,280** | **23%** | **27%** | **18%** | **31%** | **1,183** | **29%** | **36%** | **21%** | **14%** | **8,608** |

**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 8: Collections with no HoNOS items in clinical range: New Zealand, Oct 2019 - Sep 2020**
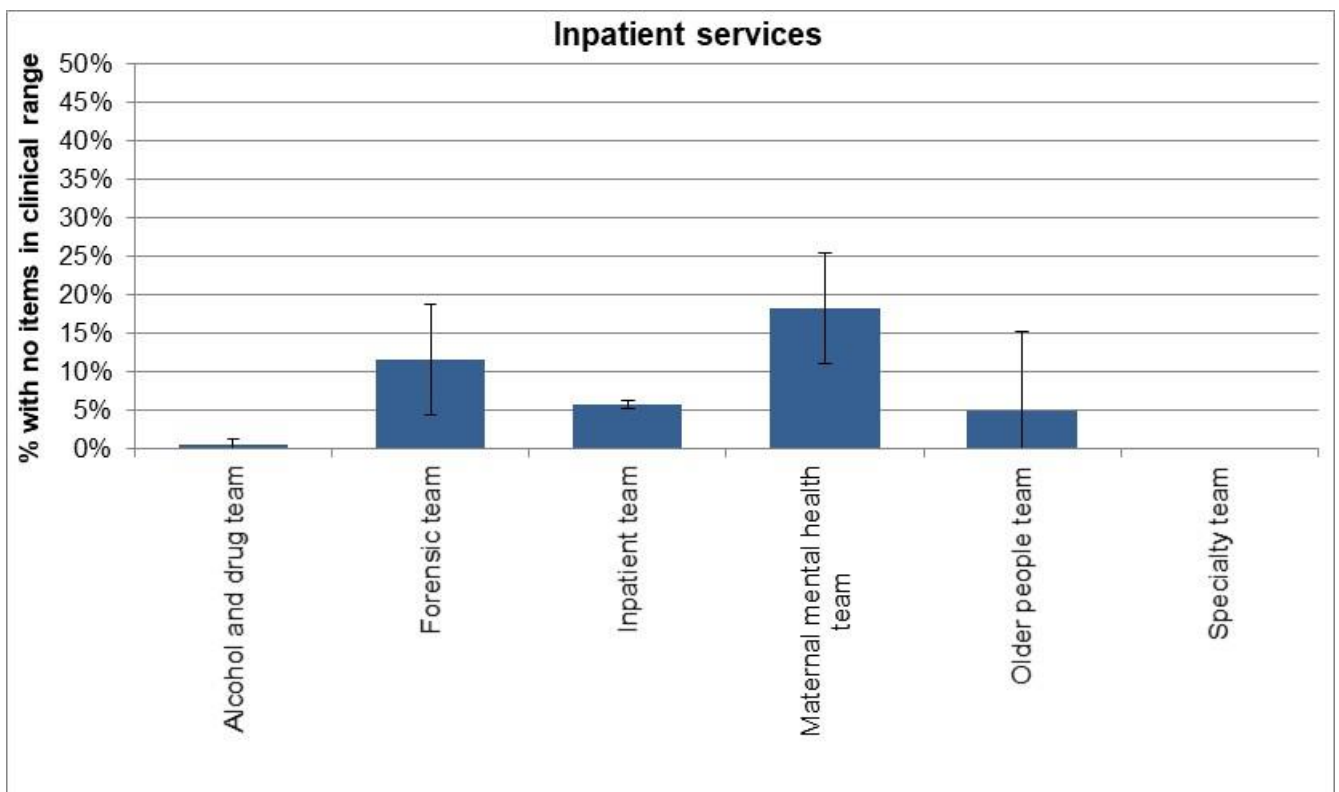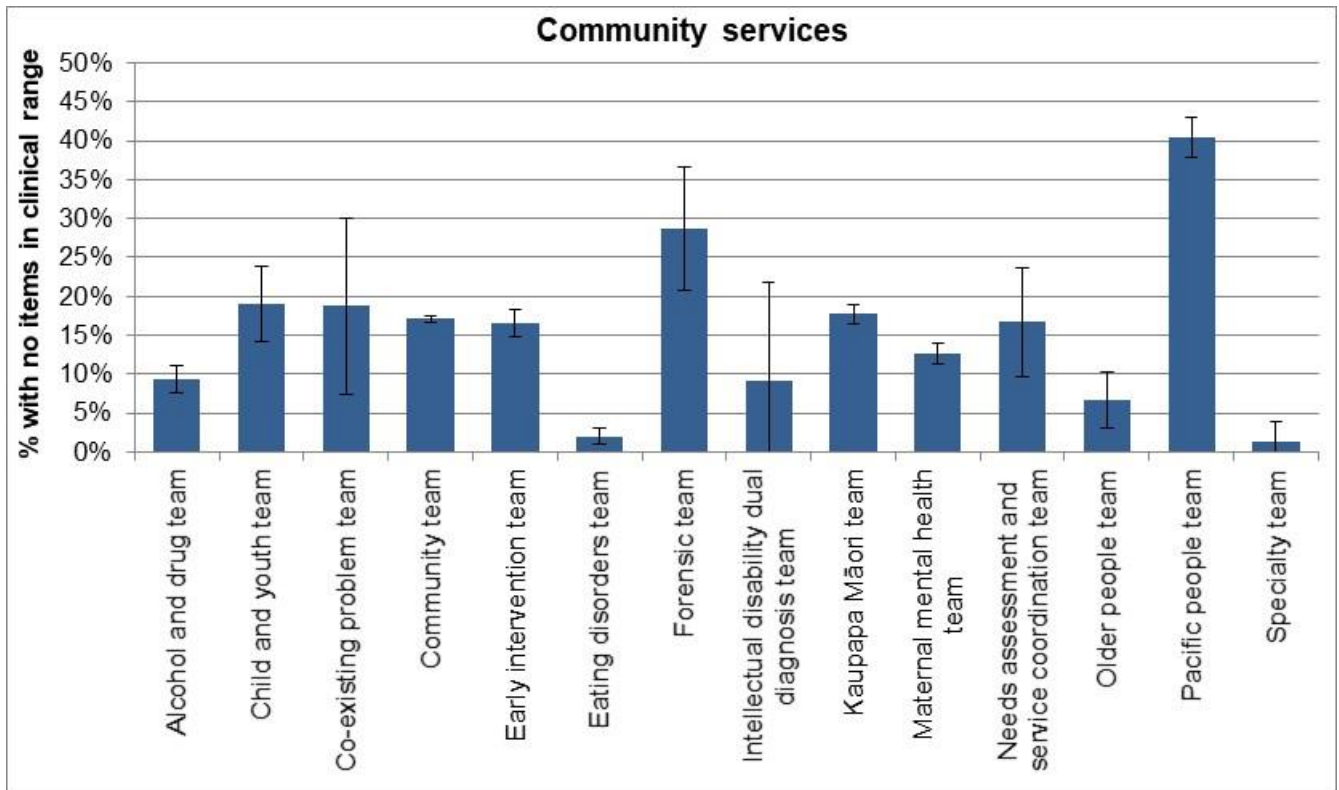


**Notes**: Includes admission and review collections. Shows percentage of service users with all HoNOS items less than two, ie no HoNOS items in the clinical range.

**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 HoNOS items in the clinical range. However, teams showing a larger or substantial percentage of service users with no HoNOS items in the clinical range could benefit from reviewing these cases to ensure that the service remains appropriate for this service user.

## Table 8: Collections with no HoNOS items in clinical range: New Zealand, Oct 2019 - Sep 2020

| Team type | Number of collections with no items in clinical range | Percentage with no items in clinical range |
|---|---|---|
| **Community services** | | |
| Alcohol and drug team | 102 | 9% |
| Child and youth team | 47 | 19% |
| Co-existing problem team | 9 | 19% |
| Community team | 7,843 | 17% |
| Early intervention team | 267 | 17% |
| Eating disorders team | 13 | 2% |
| Forensic team | 37 | 29% |
| Intellectual disability dual diagnosis team | 2 | 9% |
| Kaupapa Māori team | 632 | 18% |
| Maternal mental health team | 279 | 13% |
| Needs assessment and service coordination team | 19 | 17% |
| Older people team | 13 | 7% |
| Pacific people team | 576 | 40% |
| Specialty team | 1 | 1% |
| **Total** | **9,840** | **17%** |
| **Inpatient services** | | |
| Alcohol and drug team | 1 | 0% |
| Forensic team | 9 | 12% |
| Inpatient team | 571 | 6% |
| Maternal mental health team | 21 | 18% |
| Older people team | 1 | 5% |
| Specialty team | 0 | 0% |
| **Total** | **603** | **6%** |

**Notes:** For further information see notes for graph 8.

**Graph 9: Focus of care categories: New Zealand, Oct 2018 - Sep 2019 and Oct 2019 - Sep 2020**
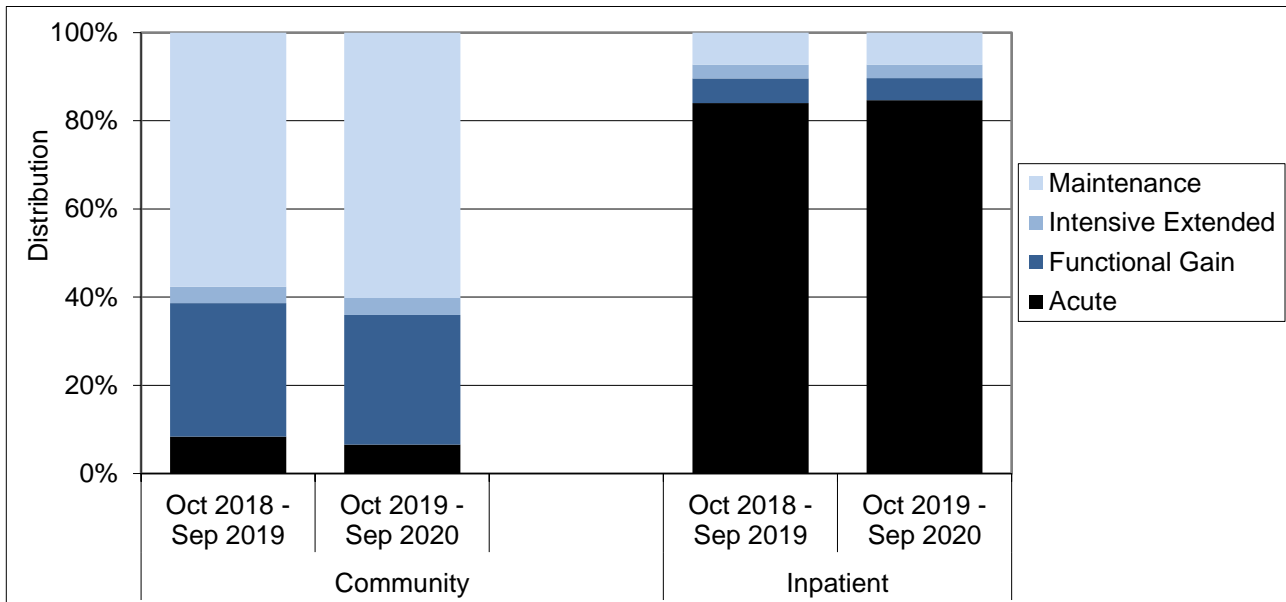


**Notes**: Data from review and discharge collections.

**Interpretation:** Darker bars indicate more intensive involvement in care, so a longer, 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 9: Focus of care categories by team: New Zealand, Oct 2018 - Sep 2019 and Oct 2019 - Sep 2020

| Team type | Acute | | Functional gain | | Intensive extended | | Maintenance | | Number of collections | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Last | This | Last | This | Last | This | Last | This | Last | This |
| **Community services** | | | | | | | | | | |
| Alcohol and drug team | 6% | 5% | 43% | 49% | 1% | 1% | 51% | 46% | 995 | 844 |
| Child and youth team | 4% | 3% | 40% | 33% | 7% | 9% | 49% | 55% | 281 | 238 |
| Co-existing problem team | 10% | 10% | 14% | 30% | 2% | 3% | 74% | 58% | 42 | 40 |
| Community team | 9% | 7% | 29% | 28% | 4% | 4% | 58% | 61% | 41,222 | 38,516 |
| Early intervention team | 6% | 6% | 48% | 53% | 3% | 3% | 43% | 38% | 1,405 | 1,321 |
| Eating disorders team | 7% | 8% | 66% | 58% | 11% | 8% | 17% | 27% | 538 | 515 |
| Forensic team | 4% | 3% | 5% | 1% | 2% | 6% | 89% | 90% | 149 | 100 |
| Intellectual disability dual diagnosis team | 0% | | 0% | | 0% | | 100% | | 22 | |
| Kaupapa Māori team | 9% | 4% | 16% | 15% | 3% | 3% | 72% | 78% | 3,533 | 3,264 |
| Maternal mental health team | 8% | 7% | 55% | 61% | 2% | 2% | 35% | 29% | 2,233 | 1,965 |
| Needs assessment and service coordination team | 6% | 2% | 21% | 13% | 5% | 10% | 69% | 75% | 131 | 107 |
| Older people team | 9% | 5% | 12% | 5% | 4% | 1% | 75% | 89% | 108 | 100 |
| Pacific people team | 3% | 2% | 12% | 10% | 0% | 0% | 84% | 87% | 1,078 | 1,289 |
| Specialty team | 20% | 24% | 21% | 33% | 9% | 5% | 51% | 38% | 81 | 21 |
| **Total** | **8%** | **7%** | **30%** | **29%** | **4%** | **4%** | **58%** | **60%** | **51,829** | **48,346** |
| **Inpatient services** | | | | | | | | | | |
| Alcohol and drug team | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 239 | 202 |
| Forensic team | 17% | 16% | 10% | 5% | 57% | 57% | 17% | 22% | 90 | 77 |
| Inpatient team | 84% | 85% | 6% | 5% | 3% | 3% | 7% | 7% | 8,545 | 8,034 |
| Maternal mental health team | 92% | 77% | 1% | 13% | 0% | 0% | 7% | 10% | 76 | 92 |
| Older people team | 81% | | 0% | | 0% | | 19% | | 21 | |
| Specialty team | | 100% | | 0% | | 0% | | 0% | | 31 |
| **Total** | **84%** | **85%** | **6%** | **5%** | **3%** | **3%** | **7%** | **7%** | **9,008** | **8,468** |

**Notes:** For further information see notes for Graph 9.

# Graph 10: HoNOS total score (review collections) by focus of care: New Zealand, Oct 2019 - Sep 2020
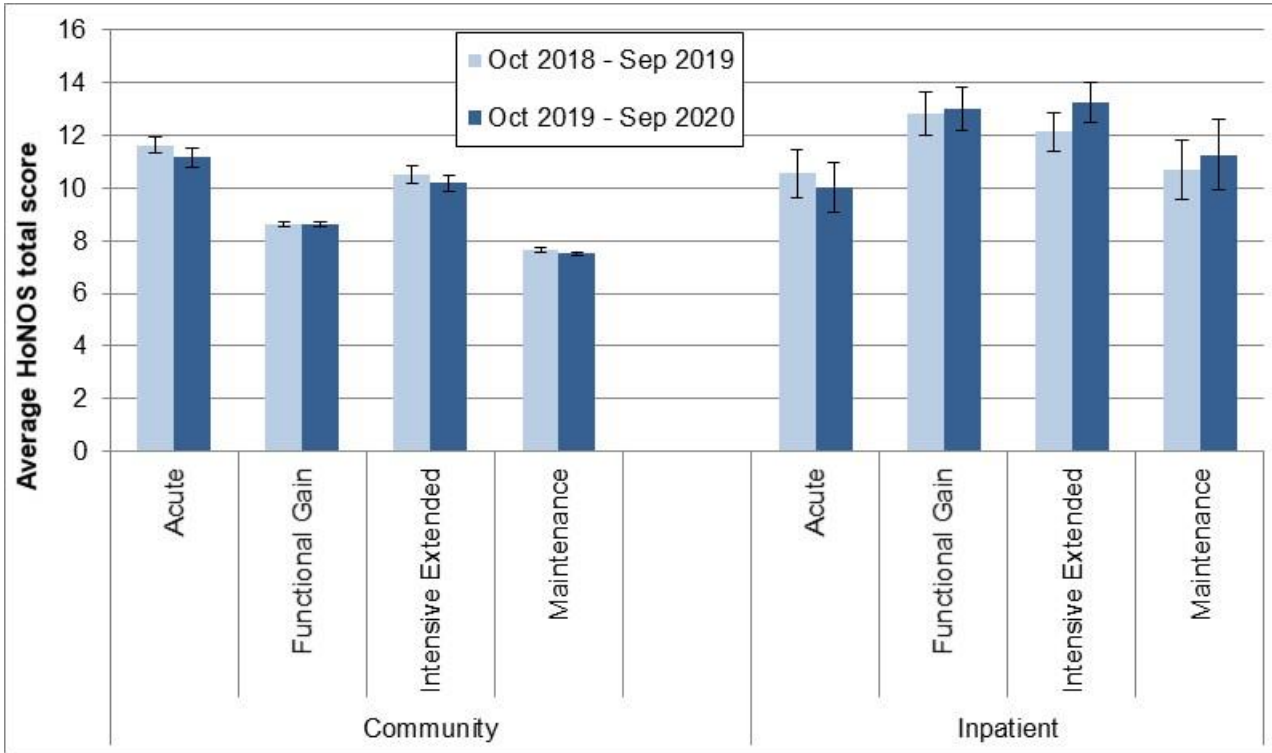


**Notes**: This data is just for review collections.

**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 10: HoNOS total score (review collections) by focus of care by team: New Zealand, Oct 2019 - Sep 2020

| Team type | Acute | | | Functional Gain | | | Intensive Extended | | | Maintenance | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N | Mean | CI | N | Mean | CI | N | Mean | CI | N | Mean | CI |
| **Community services** | | | | | | | | | | | | |
| Alcohol and drug team | 21 | 13.5 | 10.1-16.9 | 201 | 8.2 | 7.5-9.0 | | | | 352 | 8.7 | 8.2-9.2 |
| Child and youth team | | | | 52 | 7.3 | 5.9-8.7 | | | | 96 | 8.5 | 7.2-9.8 |
| Co-existing problem team | | | | | | | | | | 22 | 7.4 | 5.5-9.3 |
| Community team | 905 | 10.9 | 10.5-11.3 | 8,483 | 8.6 | 8.5-8.8 | 1,385 | 10.1 | 9.8-10.4 | 20,132 | 7.6 | 7.5-7.7 |
| Early intervention team | 44 | 14.5 | 11.8-17.1 | 587 | 8.5 | 8.1-9.0 | 37 | 14.2 | 11.8-16.7 | 415 | 7.0 | 6.4-7.6 |
| Eating disorders team | | | | 147 | 8.4 | 7.5-9.3 | 26 | 10.9 | 8.7-13.1 | 75 | 7.4 | 6.4-8.4 |
| Forensic team | | | | | | | | | | 85 | 6.1 | 5.0-7.2 |
| Kaupapa Māori team | 79 | 12.0 | 10.8-13.1 | 433 | 9.9 | 9.4-10.5 | 75 | 10.3 | 8.5-12.2 | 2,241 | 8.2 | 8.0-8.5 |
| Maternal mental health team | 54 | 8.9 | 7.5-10.3 | 726 | 7.9 | 7.6-8.3 | 24 | 7.6 | 6.0-9.2 | 305 | 5.4 | 4.9-5.8 |
| Needs assessment and service coordination team | | | | | | | | | | 79 | 7.6 | 6.5-8.6 |
| Older people team | | | | | | | | | | 67 | 10.9 | 9.5-12.3 |
| Pacific people team | | | | 101 | 6.3 | 5.3-7.2 | | | | 1,048 | 4.4 | 4.2-4.6 |
| **Total** | **1,136** | **11.2** | **10.8-11.5** | **10,760** | **8.6** | **8.5-8.7** | **1,580** | **10.2** | **9.9-10.5** | **24,940** | **7.5** | **7.5-7.6** |
| **Inpatient services** | | | | | | | | | | | | |
| Forensic team | | | | | | | 43 | 15.0 | 13.7-16.2 | | | |
| Inpatient team | 281 | 10.1 | 9.2-11.1 | 177 | 13.1 | 12.3-14.0 | 156 | 12.8 | 11.9-13.7 | 125 | 11.7 | 10.3-13.1 |
| **Total** | **296** | **10.0** | **9.1-11.0** | **182** | **13.0** | **12.2-13.8** | **199** | **13.3** | **12.5-14.0** | **135** | **11.3** | **9.9-12.6** |

**Notes:** For further information see notes for Graph 10.

# 3. 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 11: Percentage of service users with at least one collection during the period: New Zealand, Apr – Jun 2020 and Jul – Sep 2020 (18 to 64 years)**
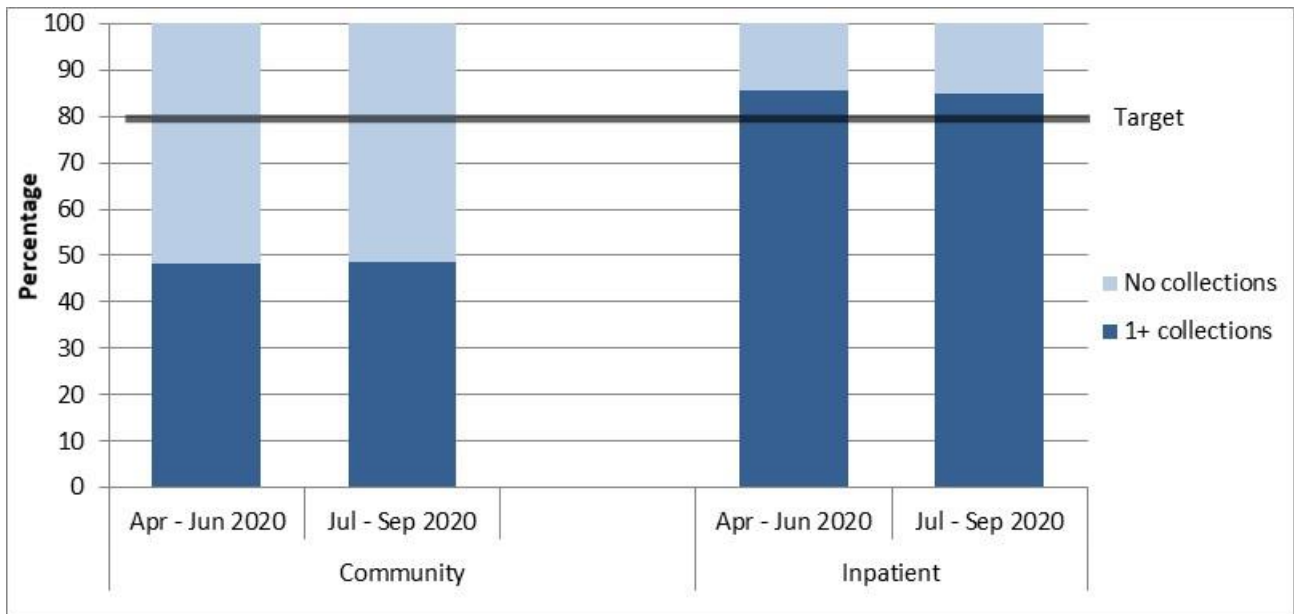


**Interpretation:** The longer the dark part of the bar, the more completely the data set includes all service users, and the more meaningful and representative the graphs, tables, and analyses using these data will be. This data is approximate due to movement of service users between teams and similar 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 12: Percentage of service users with admission and discharge collections completed: New Zealand, Apr – Jun 2020 and Jul – Sep 2020 (18 to 64 years)**
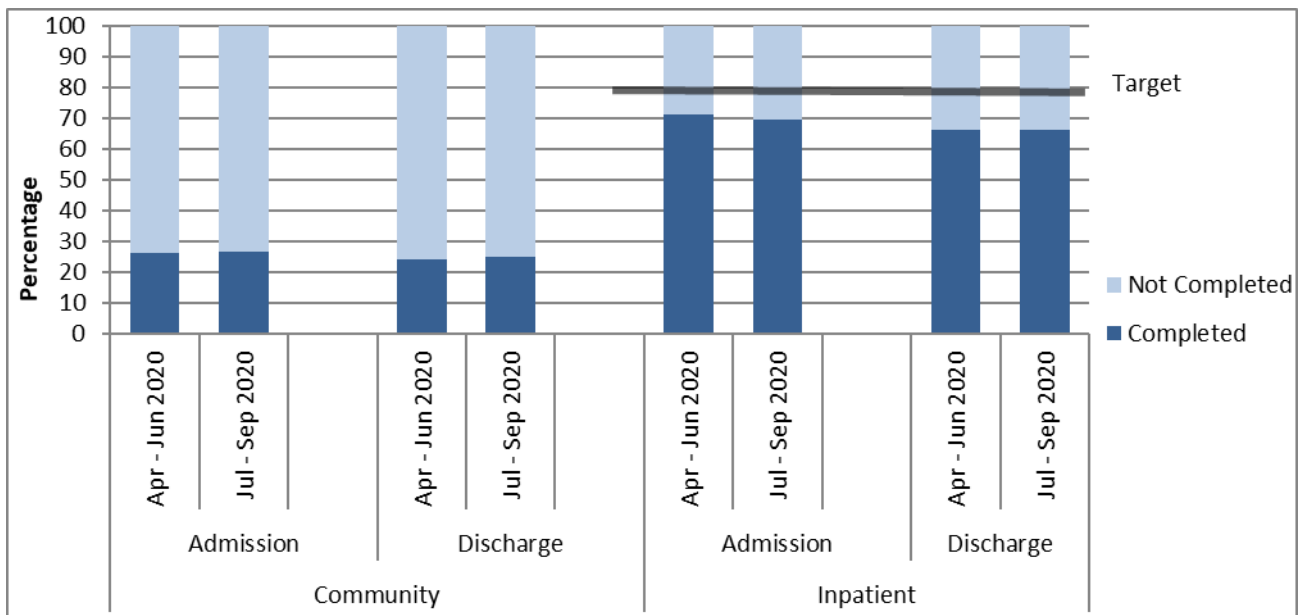


**Interpretation:** The longer the dark bar, the larger the percentage of admission and discharge that had the relevant data collection type. Data is approximate due to movement of service users between teams and similar variations; however, it does provide a reasonably accurate representation of completion of measures. Only data with valid collections is included.
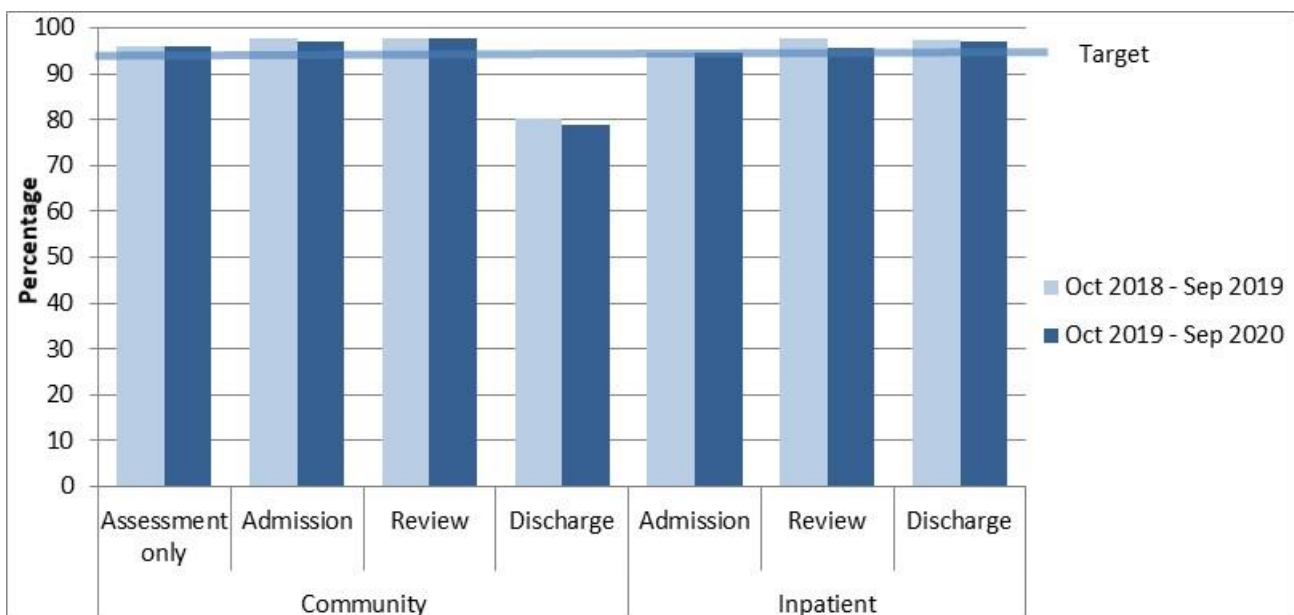
**Graph 13: Percentage of valid collections, HoNOS: New Zealand, Oct 2018 - Sep 2019 and Oct 2019 - Sep 2020**



**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 13: Invalid collections by team, by HoNOS item: New Zealand, Oct 2019 - Sep 2020

| Team type | % Invalid | | | Number of invalid ratings by HoNOS item | | | | | | | | | | | | Total number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Adm | Rev | Dch | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| **Community services** | | | | | | | | | | | | | | | | |
| Child and youth team | 2% | 2% | 13% | 22 | 22 | 22 | 21 | 21 | 25 | 22 | 23 | 21 | 21 | 23 | 21 | 401 |
| Community team | 3% | 2% | 22% | 3,695 | 3,846 | 4,529 | 3,942 | 3,855 | 3,928 | 4,009 | 4,029 | 4,088 | 4,014 | 4,132 | 4,397 | 70,377 |
| Early intervention team | 3% | 2% | 25% | 134 | 145 | 155 | 142 | 136 | 142 | 141 | 164 | 147 | 141 | 142 | 144 | 2,099 |
| Eating disorders team | 2% | 3% | 12% | 53 | 56 | 56 | 54 | 54 | 52 | 54 | 48 | 50 | 50 | 52 | 52 | 1,010 |
| Forensic team | 3% | 1% | 0% | 3 | 3 | 11 | 4 | 4 | 4 | 3 | 3 | 5 | 4 | 3 | 6 | 252 |
| Intellectual disability dual diagnosis team | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| Kaupapa Māori team | 4% | 3% | 23% | 234 | 241 | 275 | 239 | 238 | 246 | 249 | 264 | 250 | 259 | 250 | 258 | 4,662 |
| Maternal mental health team | 2% | 2% | 20% | 334 | 342 | 367 | 341 | 337 | 334 | 332 | 344 | 337 | 336 | 339 | 345 | 3,777 |
| Needs assessment and service coordination team | | 0% | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 129 |
| Older people team | 5% | 0% | 9% | 8 | 10 | 11 | 10 | 8 | 14 | 11 | 18 | 10 | 10 | 7 | 12 | 286 |
| Pacific people team | 2% | 1% | 19% | 55 | 59 | 61 | 55 | 59 | 56 | 56 | 62 | 60 | 85 | 75 | 89 | 1,690 |
| Specialty team | 5% | | | 14 | 13 | 19 | 16 | 12 | 13 | 16 | 21 | 74 | 75 | 77 | 77 | 320 |
| **Total** | **3%** | **2%** | **21%** | **4,552** | **4,737** | **5,506** | **4,824** | **4,724** | **4,814** | **4,893** | **4,976** | **5,042** | **4,995** | **5,100** | **5,401** | **85,041** |
| **Inpatient services** | | | | | | | | | | | | | | | | |
| Eating disorders team | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| Forensic team | 4% | 2% | 0% | 0 | 0 | 4 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 6 | 5 | 105 |
| Inpatient team | 5% | 4% | 3% | 293 | 371 | 711 | 501 | 391 | 428 | 510 | 675 | 659 | 562 | 919 | 1,089 | 18,766 |
| Maternal mental health team | 2% | | 3% | 3 | 4 | 6 | 3 | 4 | 3 | 5 | 4 | 4 | 3 | 9 | 11 | 195 |
| Older people team | 22% | | 4% | 0 | 1 | 2 | 2 | 0 | 1 | 4 | 7 | 3 | 0 | 15 | 16 | 52 |
| Specialty team | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67 |
| **Total** | **5%** | **4%** | **3%** | **296** | **376** | **723** | **507** | **395** | **432** | **520** | **689** | **666** | **565** | **949** | **1,121** | **19,215** |

**Notes:** Per cent (%) 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 HoNOS item = for each of the HoNOS 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 per cent invalid, the higher the percentage of valid scores. The lower the number of invalid collections by HoNOS item, the more collections that have valid data on that HoNOS 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.