

Getting the most out of your CORC data: Reshaping Membership Reports

Members' Forum

November 2015

Reshaping CORC Reports Team



Future arrangements for flowing data to CORC

- From Jan 2016 members following the CORC+ approach should submit data directly to the CORC team in a pseudonymised form
 - See 'All you need to know about new processes for data submission' briefing for further info
- Data submission process for CORC Snapshot stays the same
- CORC plan to develop infrastructure to accept data from members in the Mental Health Services Data Set (MHSDS) format

What Makes Up your CORC Report?

- Each membership year, CORC member services can choose to receive a CORC report as part of the benefits of membership.
- A CORC report consists of:
 - **1 Service-Level Report**
 - Compares all data submitted by your **whole service** to the **‘Rest of CORC’** services who submitted data for your chosen reporting window
 - **1 Team-Level Report**
 - Compares data broken down by **up to 8 teams** for your service
 - The teams are decided by your service, and must be recorded consistently in your data
 - **1 ‘Tables’ Report**
 - Shows the output of all the analysis we did to create your report
 - Can be used to cross-check or explore your data deeper

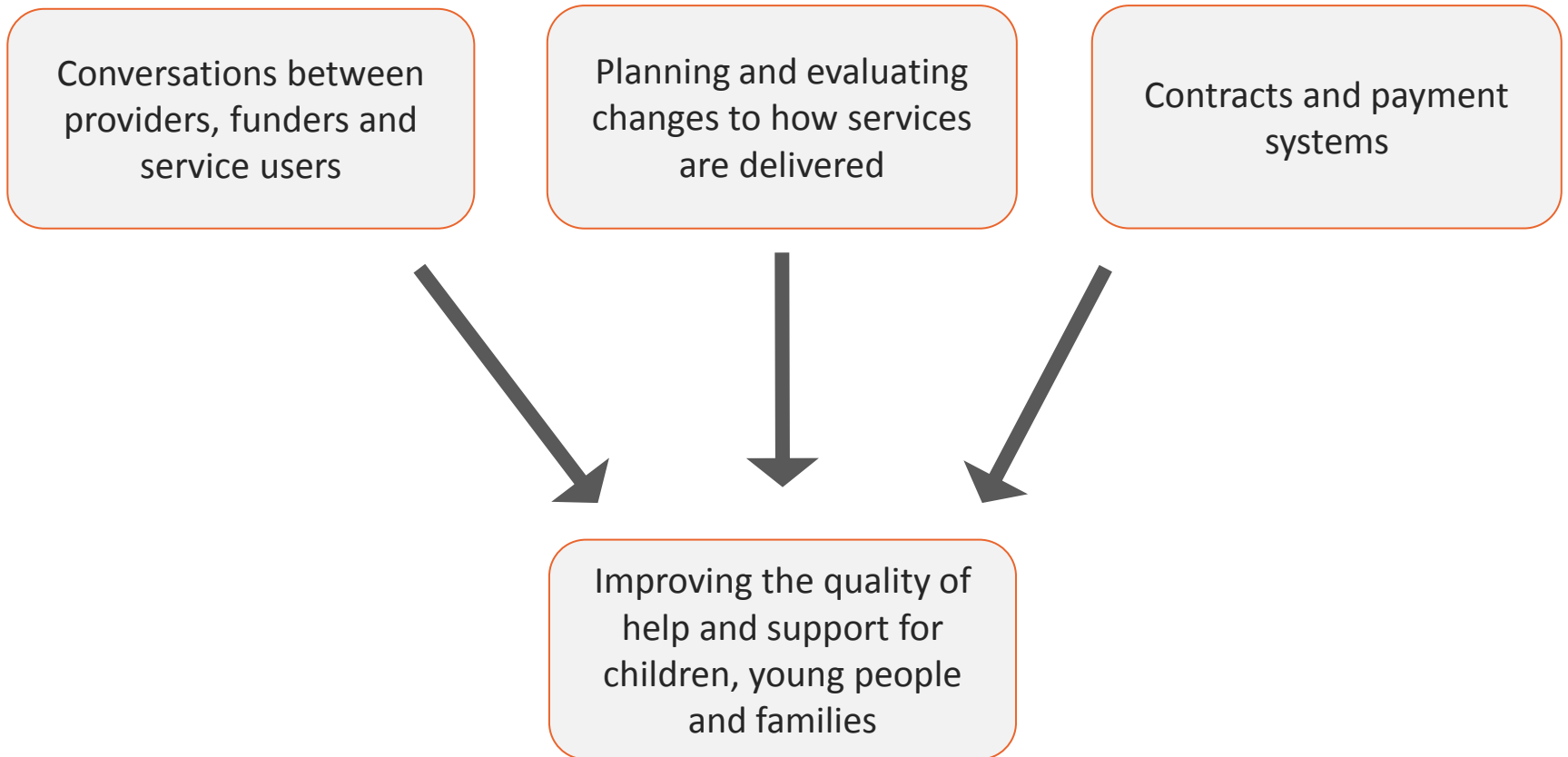
What Makes Up your CORC Report?

Dashboard Reports

This membership year we are offering a dashboard report **alongside** the regular CORC report

- An **'at a glance'** overview of your data
- Based on **4 key criteria** selected by your service

Examples of activities supported by information on outcomes (at the service/team level)



Complexity in interpreting outcome data (at the service/team level)

- Different perspectives
- What constitutes a positive outcome?
- Causation: to what extent do we know that a change is the result of service intervention?
- Context and moderators: what factors are influencing the impact an intervention is having?
- Careful consideration of flawed data
 - Imperfect measures
 - Variation in how data are collected and inputted
 - Incompleteness

Current thinking on potential new layout

Your Report

Information about the service, your data completeness and teams,
plus a key findings document

Are children, young people and their families improving?

Are children, young people and their families improving compared to a rest of CORC sample?

How do children, young people and their families feel about the service?

Year on Year section

Information comparing your last report to this report

Summary and implications

Summary of the main report and what it may mean for your service

Current thinking on potential new layout

Your Report

Information about the service, your data completeness and teams, plus a key findings document

Are children, young people and their families improving?

Are children, young people and their families improving compared to a rest of CORC sample?

How do children, young people and their families feel about the service?

Year on Year section

Information comparing your last report to this report

Summary and implications

Summary of the main report and what it may mean for your service

Section of report:

Are children, young people and their families improving?

Are children, young people and their families improving?

What do we use to answer this question?

Assessment (T1) and follow up (T2) routine outcome measures.

Example: goals based outcome measure (*methods will apply to other outcome measures*)

How do we use these data?

Exploratory approach
looking at changes in
score for all submitted
cases from the service.

Summary approach
looking at average
change in score.

Note: no member service data were used.

Section of report:

Are children, young people and their families improving?

1A) Spread of changes among users of your service.

Change in GOAL Scores between T1 and T2

Session	Date	Today I would rate my progress to this goal? (please circle the appropriate number below)										
Remember a score of zero means no progress has been made towards a goal, a score of ten means a goal has been reached fully, and a score of five is exactly half way between the two												
1		0	1	2	3	4	5	6	7	8	9	10
2		0	1	2	3	4	5	6	7	8	9	10
3		0	1	2	3	4	5	6	7	8	9	10
4		0	1	2	3	4	5	6	7	8	9	10
5		0	1	2	3	4	5	6	7	8	9	10

Are children, young people and their families improving?

Change in GOAL Scores between T1 and T2

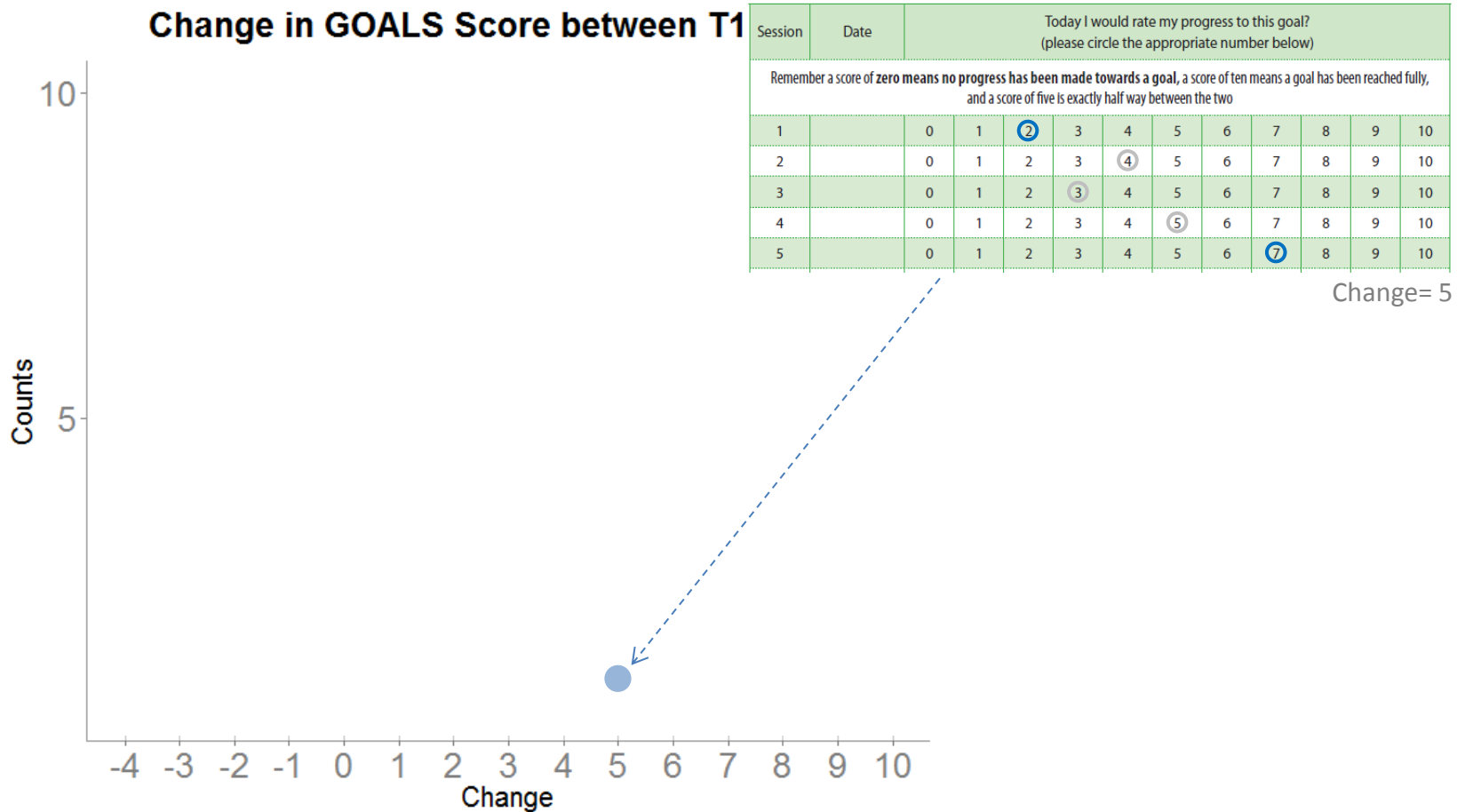
Session	Date	Today I would rate my progress to this goal? (please circle the appropriate number below)										
Remember a score of zero means no progress has been made towards a goal, a score of ten means a goal has been reached fully, and a score of five is exactly half way between the two												
1		0	1	2	3	4	5	6	7	8	9	10
2		0	1	2	3	4	5	6	7	8	9	10
3		0	1	2	3	4	5	6	7	8	9	10
4		0	1	2	3	4	5	6	7	8	9	10
5		0	1	2	3	4	5	6	7	8	9	10

Change = Goal progress (last session) – Goal progress (first session)

Change = 7 – 2

Change = 5

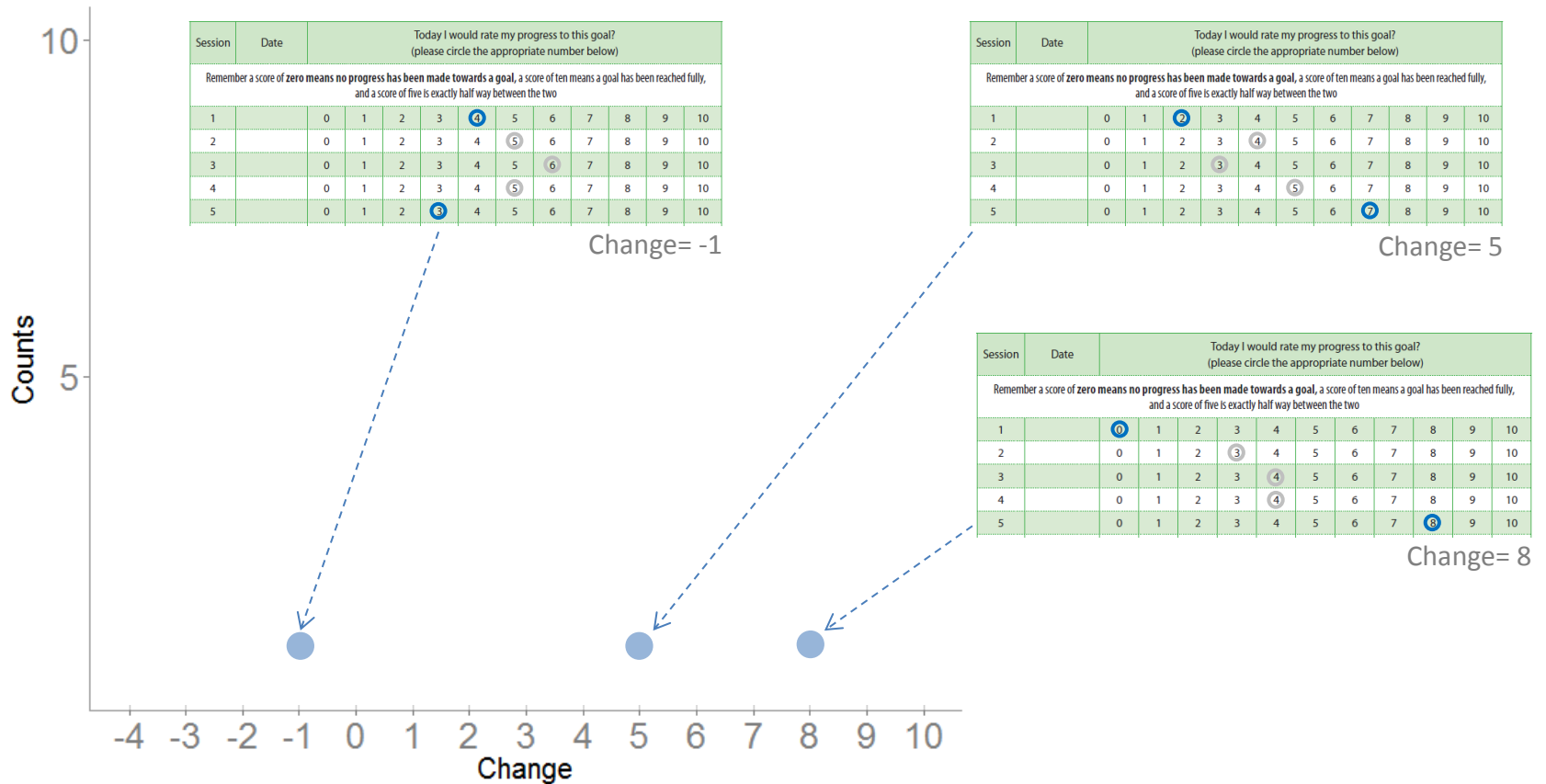
Change in GOAL Scores between T1 and T2



Are children, young people and their families improving?

Change in GOAL Scores between T1 and T2

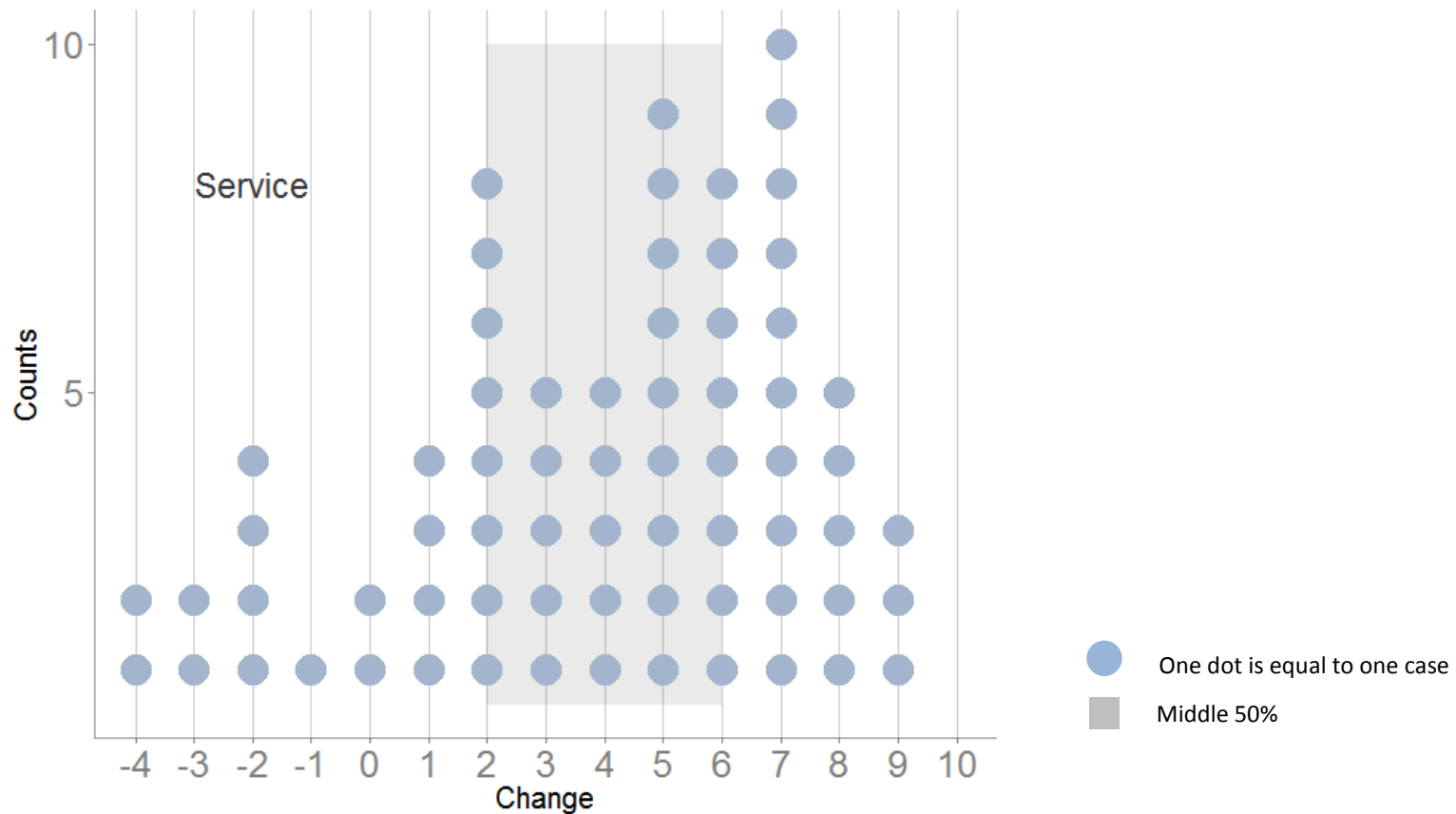
Change in GOALS Score between T1 and T2



Are children, young people and their families improving?

Dotplot

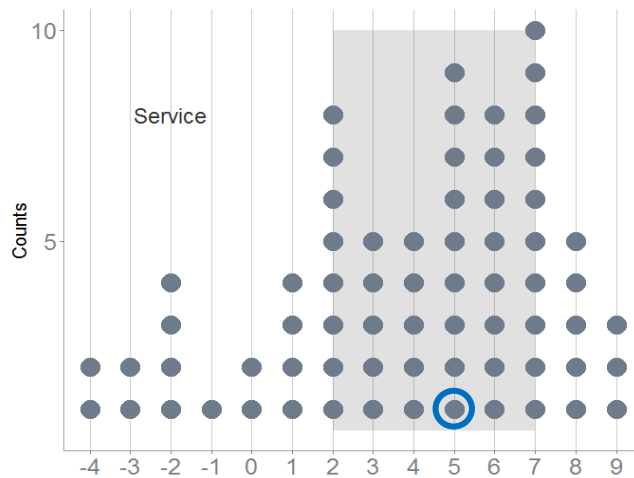
Change in GOALS Score between T1 and T2



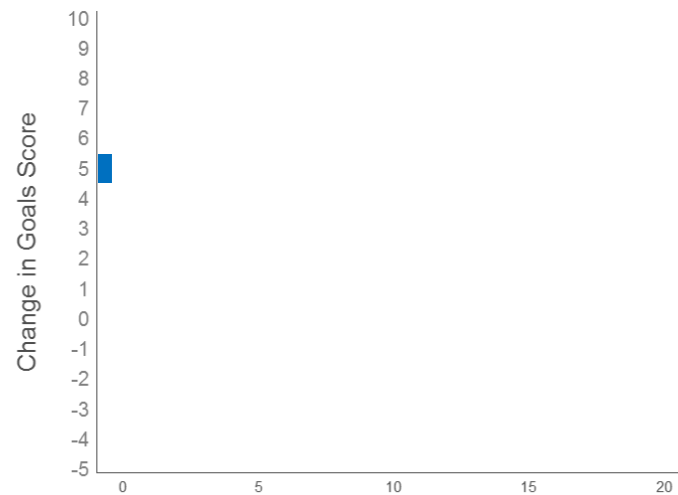
Are children, young people and their families improving?

Change in GOAL Scores between T1 and T2

Counts

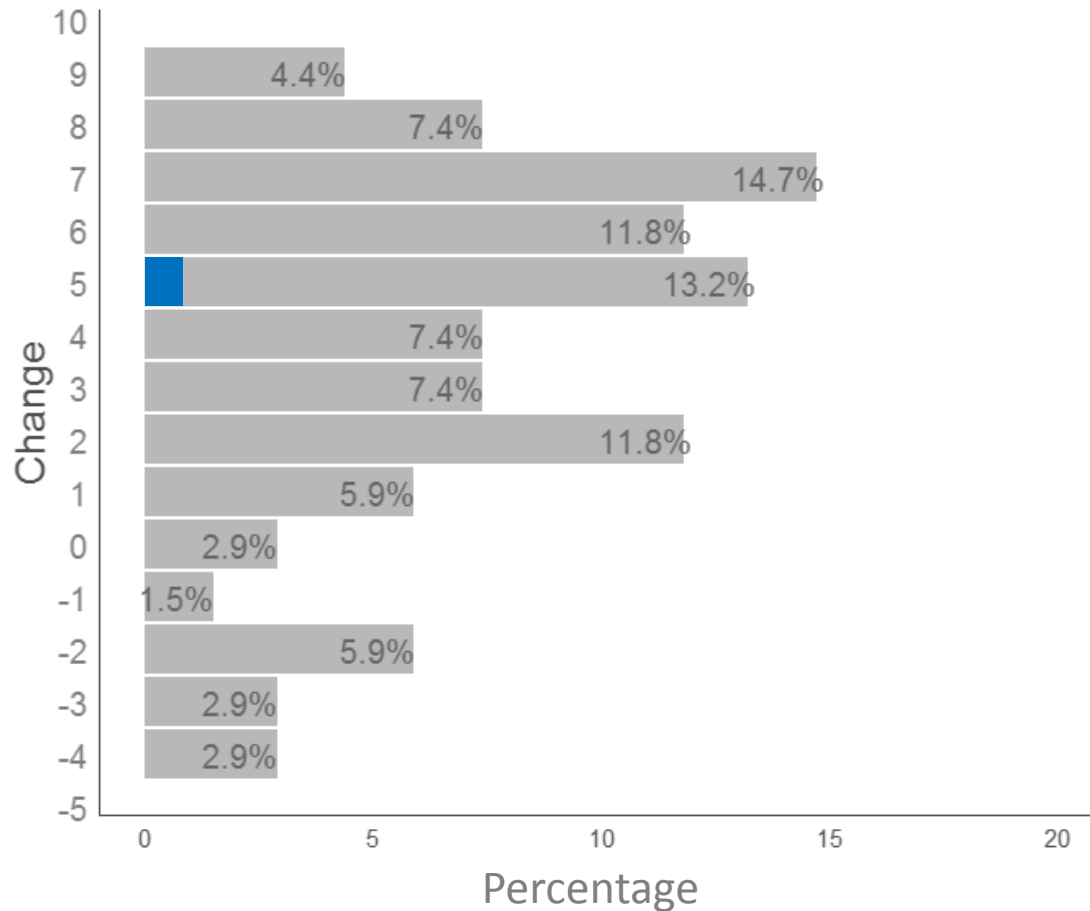


Percentages



Are children, young people and their families improving?

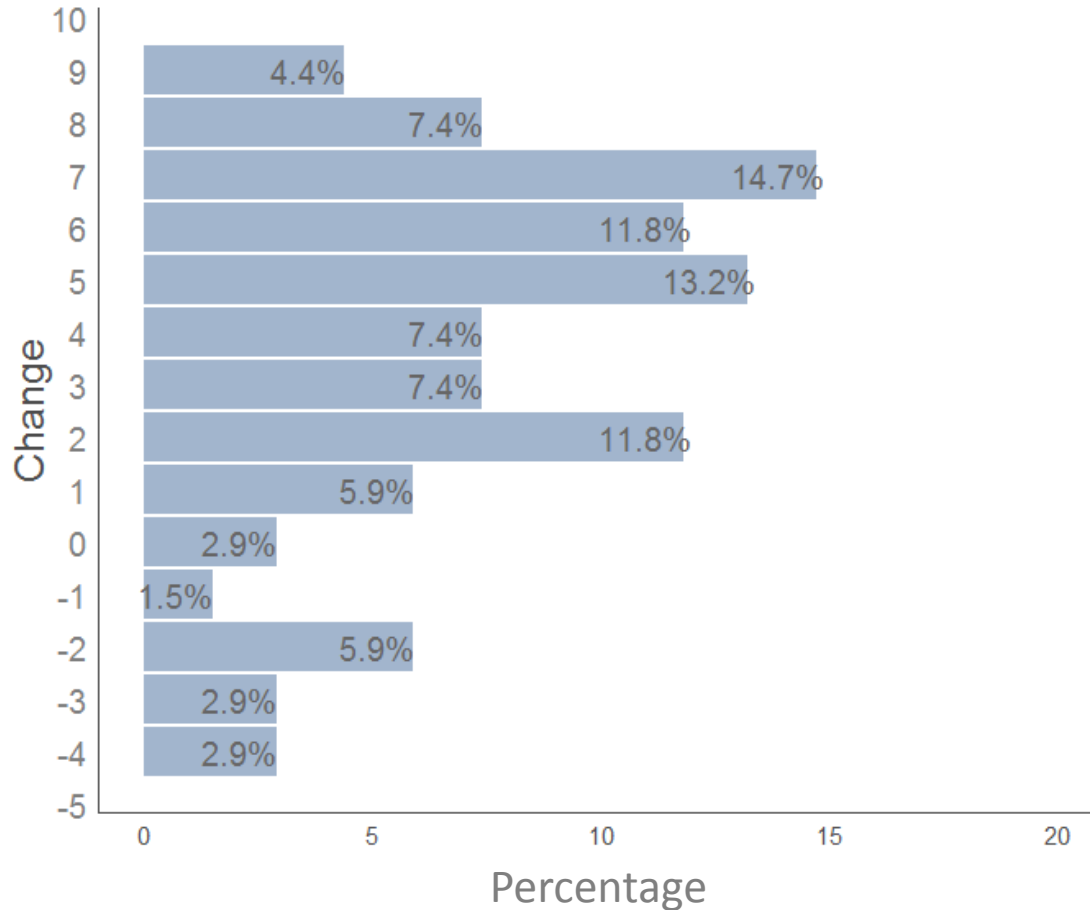
Change in Goals score between T1 and T2



Are children, young people and their families improving?

Bar chart

Change in Goals score between T1 and T2

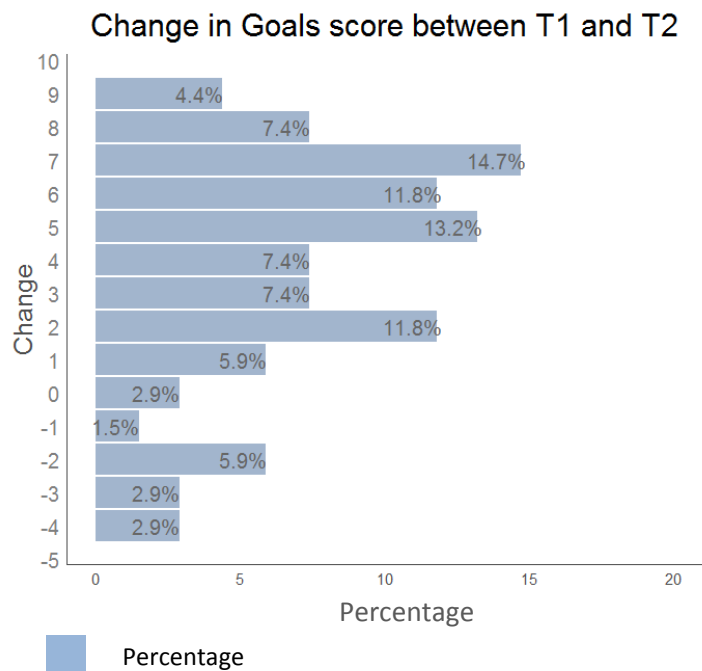
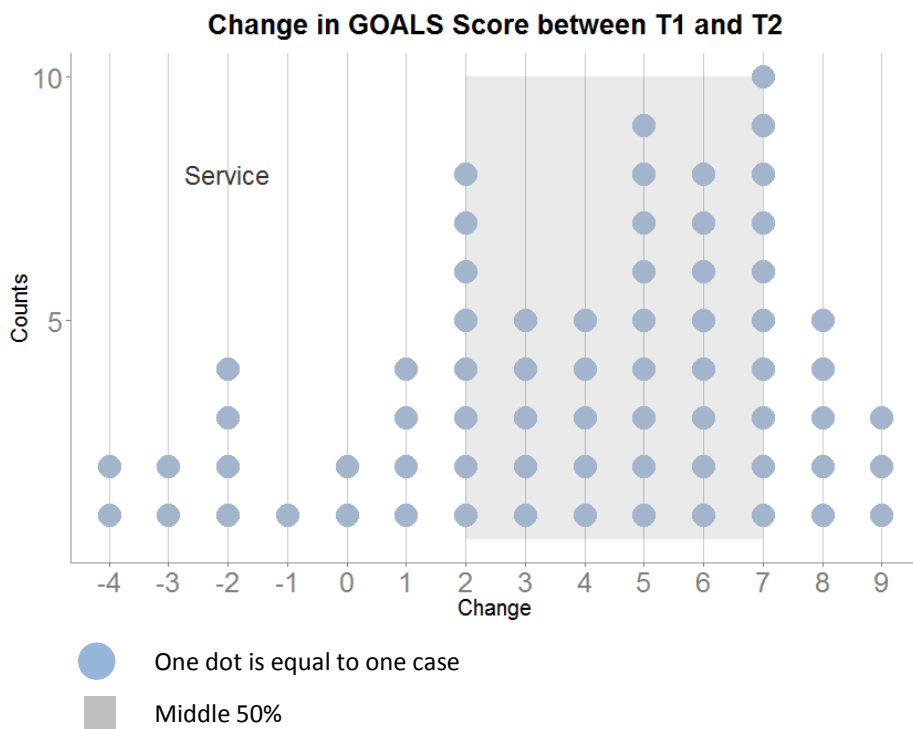


Are children, young people and their families improving?

Question 1A: Please circle the type of graph you would like to see for information about the **spread of changes** among users of your service.

Dotplot

Bar chart



Are children, young people and their families improving?



Section of report:

Are children, young people and their families improving?

1B) Average time 1 and time 2 scores among users of your service.

Are children, young people and their families improving?

What do we use to answer this question?

Assessment (T1) and follow up (T2) routine outcome measures.

Example: goals based outcome measure.

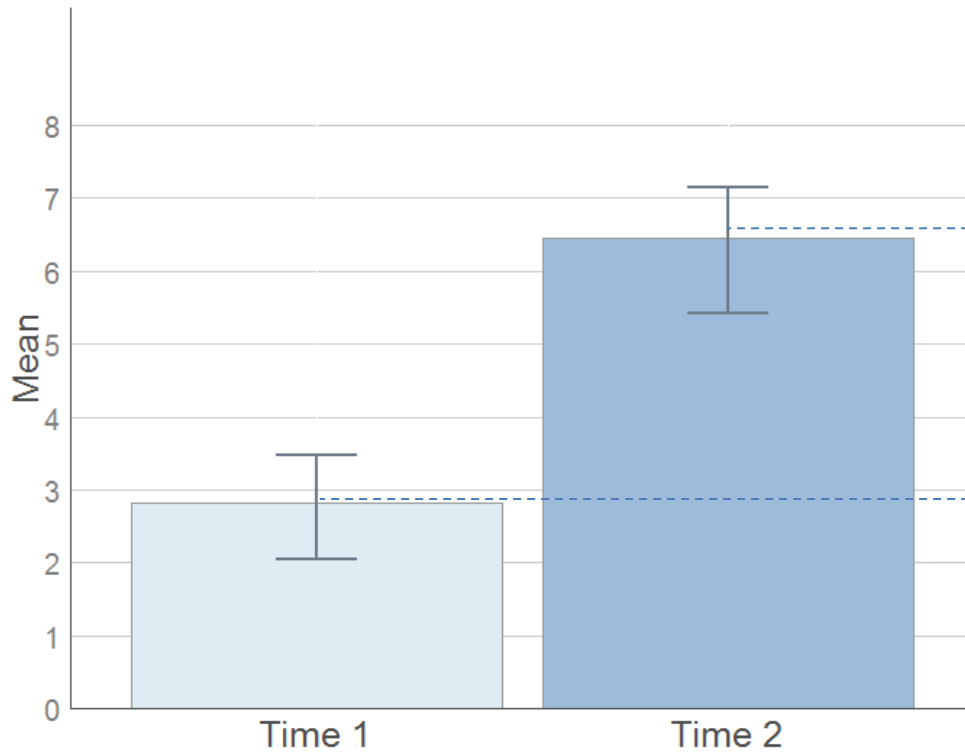
How do we use these data?

Exploratory approach
looking at changes in
score for all submitted
cases from the service.

Summary approach
looking at average
change in score.

Note: no member service data were used.

Bar chart T1/T2



The average change in goals score from T1 to T2 was +3.8

Table T1/T2

	Time 1 <i>Confidence Interval</i>	Time 2 <i>Confidence Interval</i>	Average change <i>Confidence Interval</i>
Service	2.7 (2.3, 3.1)	6.5 (5.4, 7.4)	3.8 (2.5, 5.1)

Are children, young people and their families improving?

Question 1B: Please circle your preferred way of getting information about the average time 1 and time 2 scores among users of your service

Bar chart T1/T2

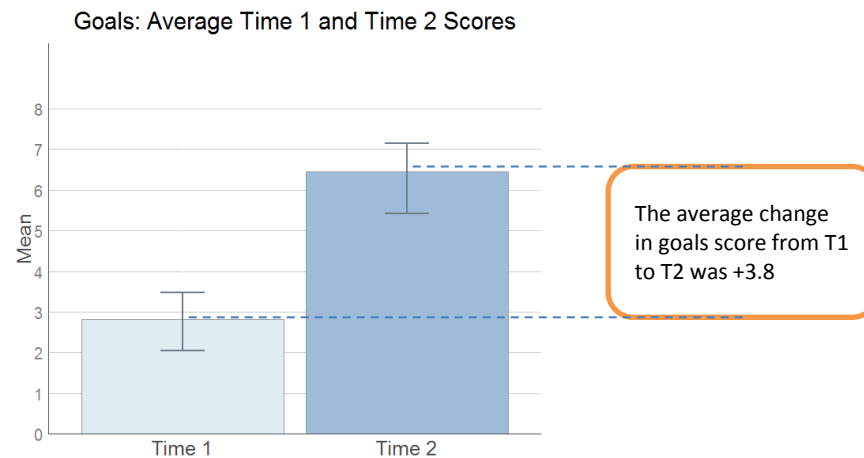


Table T1/T2

	Time 1 <i>Confidence Interval</i>	Time 2 <i>Confidence Interval</i>	Average change <i>Confidence Interval</i>
Service	2.7 (2.3, 3.1)	6.5 (5.4, 7.4)	3.8 (2.5, 5.1)

Section of report:

Are children, young people and their families improving compared to a rest of CORC sample?

2A) The spread of changes among users of your service compared to the rest of CORC.

Are children, young people and their families improving compared to a rest of CORC sample?

What do we use to answer this question?

Time 1 and Time 2 routine outcome measures.

Example: goals.

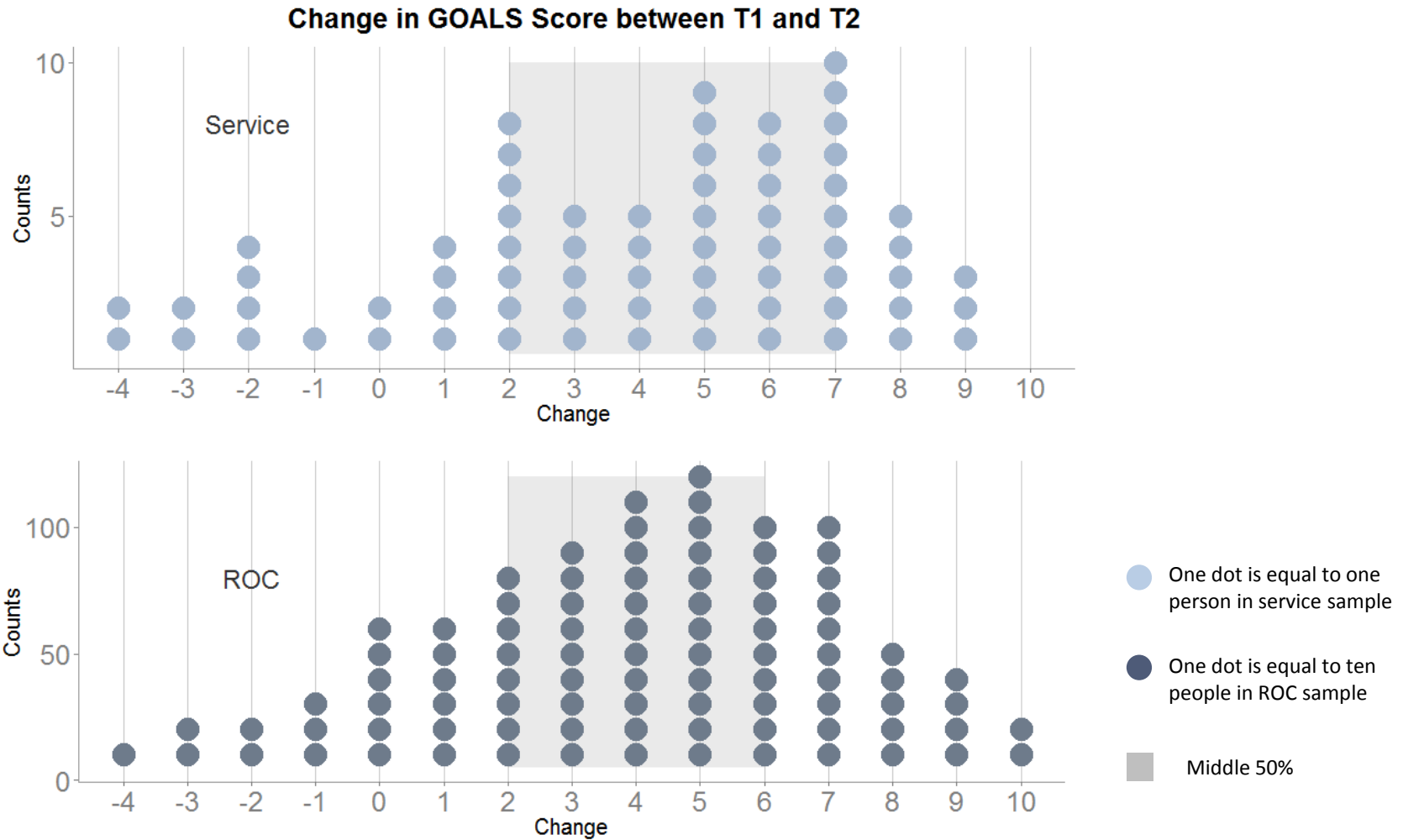
How do we use these data?

Exploratory approach
looking at changes in
score for all submitted
cases *compared to rest
of CORC.*

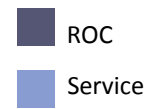
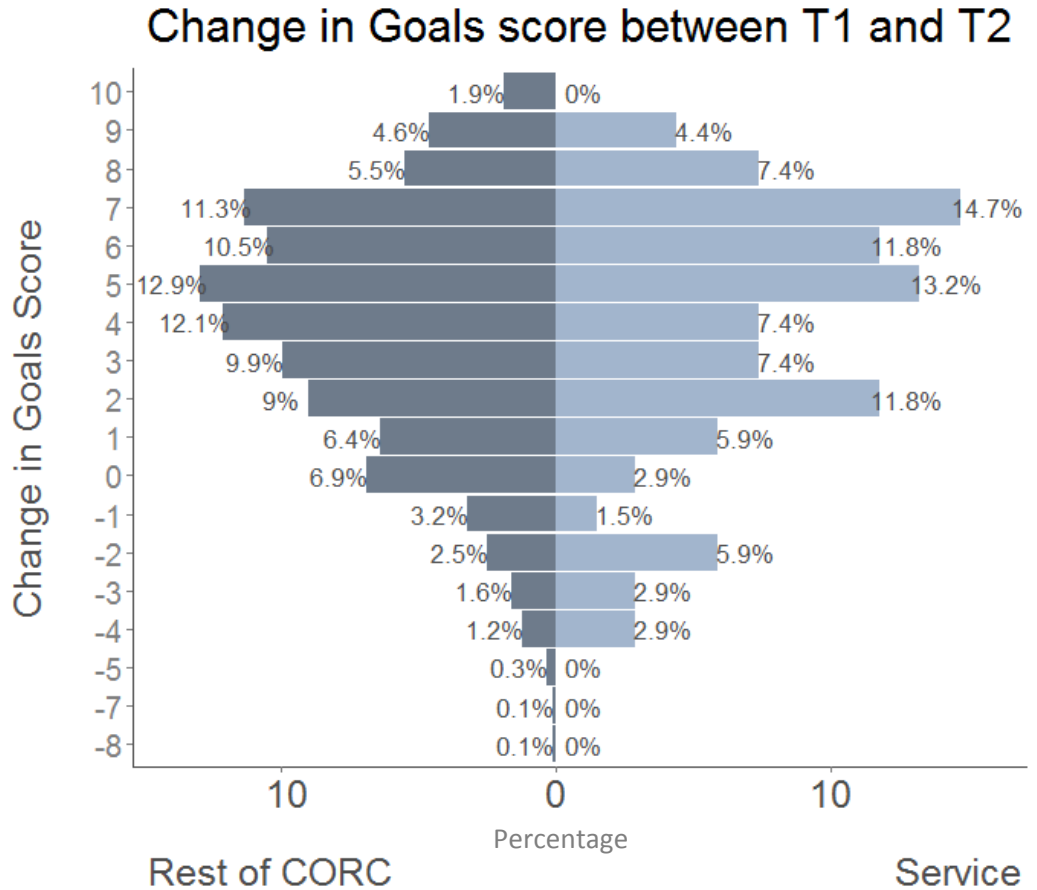
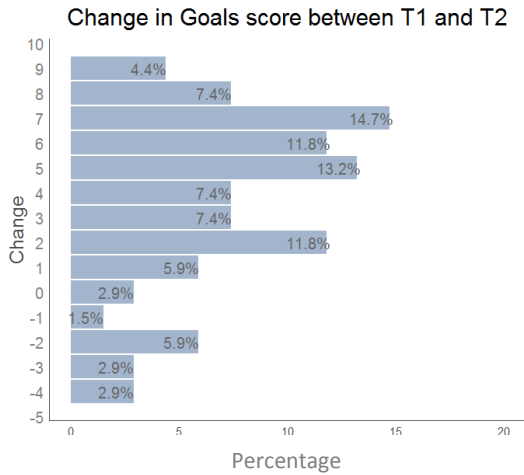
Summary approach
looking at average
change in score
*compared to rest of
CORC.*

Note: no member service data were used.

Two dotplots

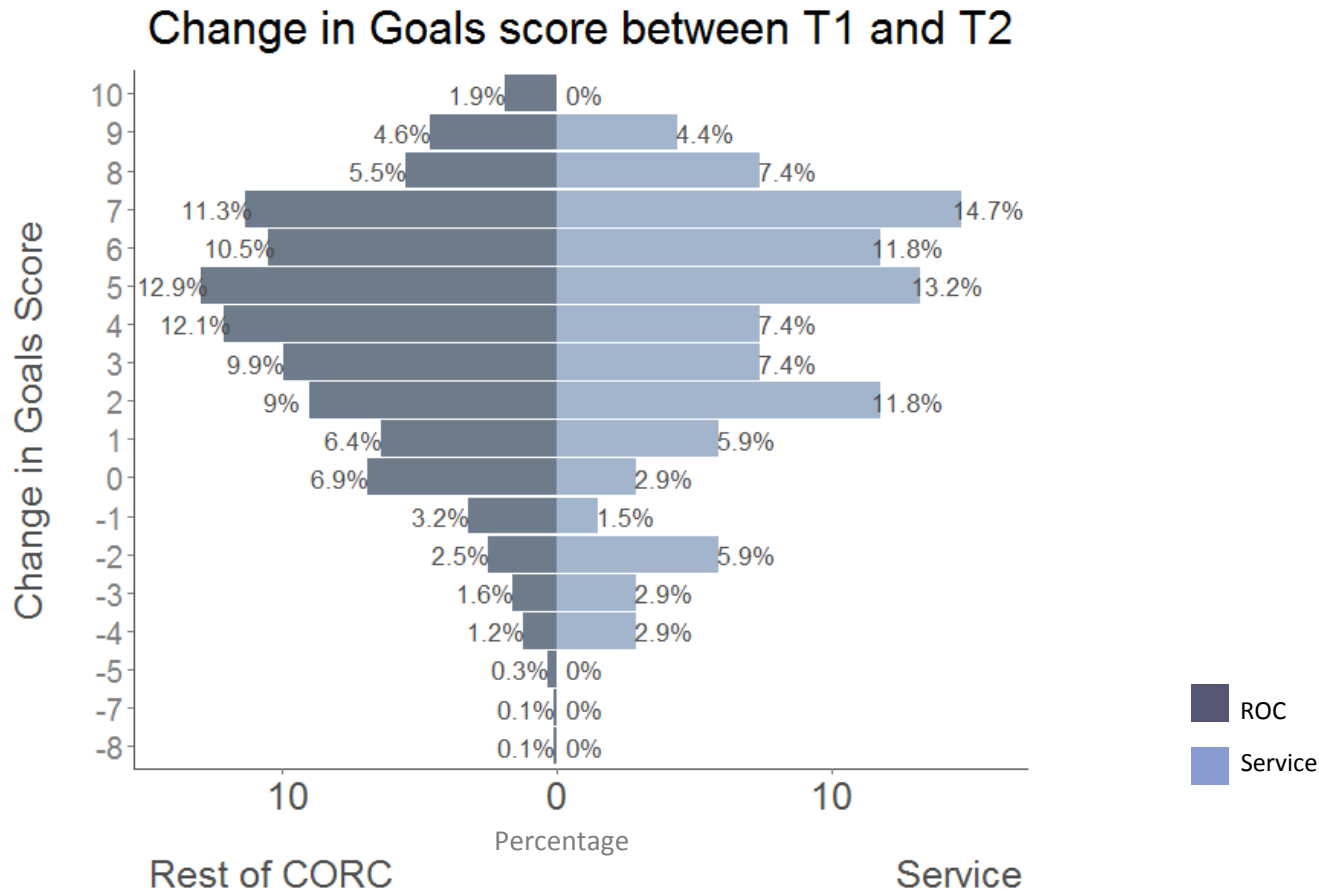


Are children, young people and their families improving compared to the rest of CORC?



Are children, young people and their families improving compared to the rest of CORC?

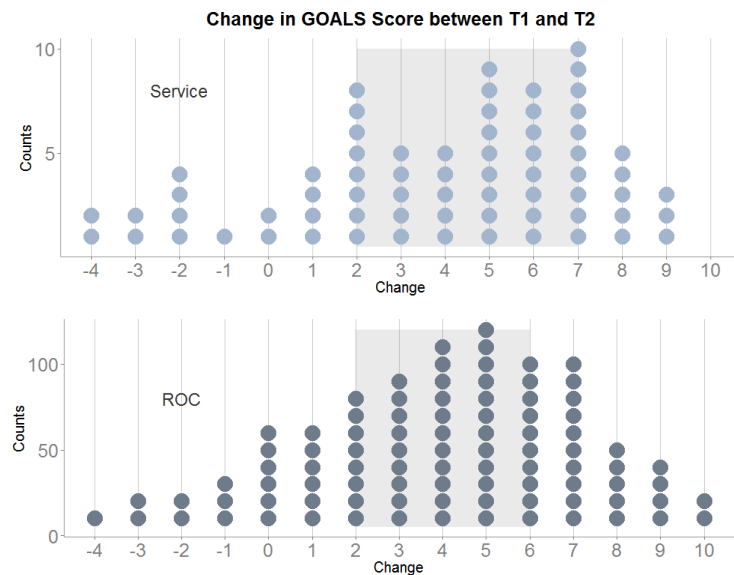
Mirrored bar chart



Are children, young people and their families improving compared to the rest of CORC?

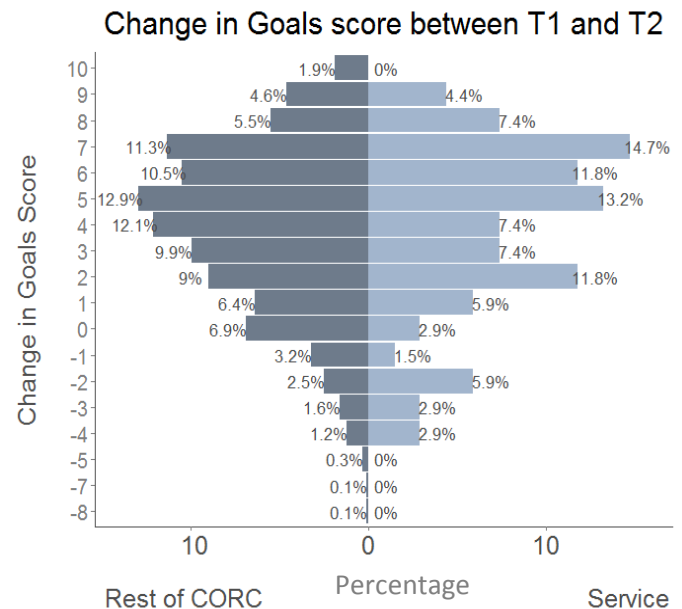
Question 2A: Please circle the type of graph you would like to see to compare the **spread of changes** among users of your service to the **spread of changes** among users of rest of CORC services

Two dotplots



- One dot is equal to one person in service sample
- One dot is equal to ten people in ROC sample
- Middle 50%

Mirrored bar chart



- ROC
- Service

Are children, young people and their families improving compared to the rest of CORC?

Section of report:

Are children, young people and their families improving compared to a rest of CORC sample?

2B) The average change among users of your service compared to the rest of CORC.

Are children, young people and their families improving compared to a rest of CORC sample?

What do we use to answer this question?

Time 1 and Time 2 routine outcome measures.

Example: goals.

How do we use these data?

Exploratory approach
looking at changes in
score for all submitted
cases *compared to rest
of CORC.*

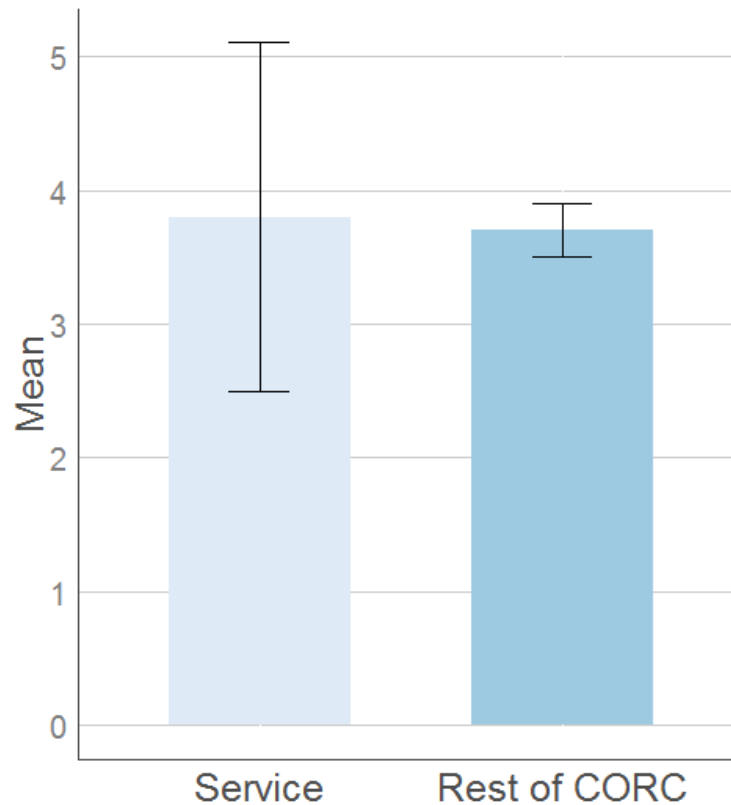
Summary approach
looking at average
change in score
*compared to rest of
CORC.*

Note: no member service data were used.

Are children, young people and their families improving compared to the rest of CORC?

Bar chart – Comparison

Average change in Goals score



Are children, young people and their families improving compared to the rest of CORC?

Table – Comparison

	Time 1 <i>Confidence Interval</i>	Time 2 <i>Confidence Interval</i>	Average change <i>Confidence Interval</i>
Service	2.7 <i>(2.3, 3.1)</i>	6.5 <i>(5.4, 7.4)</i>	3.8 <i>(2.5, 5.1)</i>
Rest of CORC	3.1 <i>(3, 3.2)</i>	6.8 <i>(6.5, 7.2)</i>	3.7 <i>(3.5, 3.9)</i>

Are children, young people and their families improving compared to the rest of CORC?

Question 2B: Please circle your preferred way of getting information about how the **average change** among users of your service compares to the **average change** among users of rest of CORC services

Bar chart - Comparison

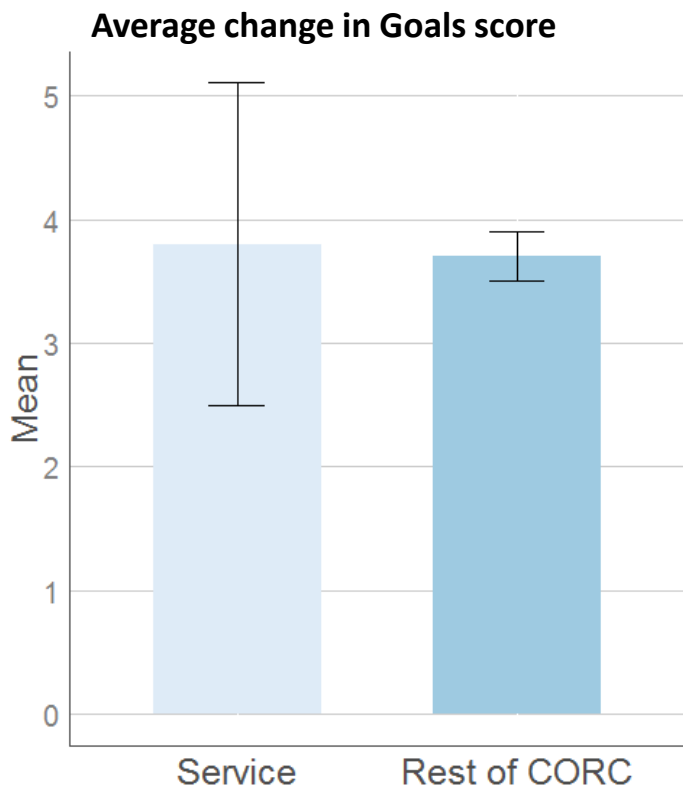


Table - Comparison

	Time 1 <i>Confidence Interval</i>	Time 2 <i>Confidence Interval</i>	Average change <i>Confidence Interval</i>
Service	2.7 <i>(2.3, 3.1)</i>	6.5 <i>(5.4, 7.4)</i>	3.8 <i>(2.5, 5.1)</i>
Rest of CORC	3.1 <i>(3, 3.2)</i>	6.8 <i>(6.5, 7.2)</i>	3.7 <i>(3.5, 3.9)</i>

Are children, young people and their families improving compared to the rest of CORC?

Any questions/comments?

Many thanks for all of your feedback