

Scoring the CTM®-3

Overall Quality of Care Transition Score: This score reflects the overall quality of the care transition, with lower scores indicating a poorer quality transition, and higher scores indicating a better transition.

Creating a 0-100 score with 3 items:

1. Calculate the sum of responses across the 3 items. (Responses are scored Strongly Disagree =1; Disagree =2; Agree =3; Strongly Agree =4.)
Ia. assign code (e.g., 9) to missing responses, and a different code (e.g., 99) to Don't Know/Don't Remember/Not Applicable. These will not be counted as answered questions for Step 3a, as the 9 and 99 codes are not included in the 4 point Likert scale and therefore will not contribute to the CTM score. You can, however, get a count of 99's in order to calculate a percentage of these responses relative to questions answered (step 3a.)
2. Count the number of questions answered.
3. Calculate the mean response (sum divided by count)
4. Use linear transformation to convert to 0-100 score.

Step 1: SPSS Syntax

```
COMPUTE CTM3Sum = q1 + q2 + q3 .  
EXECUTE .
```

Step 2: SPSS Syntax

```
COUNT  
CTM3Ct = q1 q2 q3 (1 thru 4) .  
EXECUTE .
```

Step 3: SPSS Syntax

```
COMPUTE CTM3mean = CTM3Sum / CTM3Ct .  
EXECUTE .
```

Step 4: SPSS Syntax

```
COMPUTE CTM3_0_100 = (((mnctm) - (1)) / (3)) * 100 .  
EXECUTE .
```