**The University of Michigan Q+ Index**

To calculate the person’s Q+ Index, complete this 4 step worksheet using information from the individual’s *most recent* MDS 3.0 assessment. No other data source is to be used. If data are missing, enter a score of “0” for that item.

You will need the following MDS 3.0 items:

**A0900**

**A1600**

**B0700**

**B0800**

**C0500**

**E0200A**

**E0200B**

**E0200C**

**E0800**

**E0900**

**G0110E1**

**G0110H1**

**G0110I1**

**G0110J1**

**I4900**

**I5000**

**I5100**

**I6000**

**Q0500B**

**Z0100A**

**STEP 1\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. ***Age***

Instructions: Enter resident’s date of birth from MDS 3.0 Item **A0900**:

\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_

Mo. Day Year

If resident is 75 or older (date of birth is before today’s date in 1937[[1]](#footnote-1)), enter “0” at right.

Otherwise, enter “1” at right. ***A: \_\_\_\_\_\_\_\_\_***

1. ***Prefers Return to Community***

Instructions: Enter score for the following MDS 3.0 Items below:

**Q0500B. Desire to return to community** \_\_\_\_\_\_\_\_\_\_\_

If Q0500B=1, then enter “1” at right.

Otherwise, enter “0” at right. ***B:\_\_\_\_\_\_\_\_\_***

**Add up Step 1 scores, Lines A-B: \_\_\_\_\_\_\_\_\_\_**

**Multiply Step 1 score by “3” and enter as STEP 1 Summary Score: \_\_\_\_\_\_\_\_\_\_\_\_**

**(Note: should be either “0”, “3”, or “6”.)**

**STEP 2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Complete the following:**

1. ***Age***

Instructions: Refer to Date of Birth from Step 1.

If resident is between the age of 75-84 (born after today’s date in 1928

and before today’s date in 19361), enter “1” at right. Otherwise, enter “0” at right. ***A: \_\_\_\_\_\_\_\_\_\_***

1. ***Cognition***

Instructions: Enter score from MDS 3.0 Item **C0500.** BIMS Summary Score: \_\_\_\_\_\_\_

If score is between 13-15, enter “1”at right. Otherwise, enter “0”at right. ***B: \_\_\_\_\_\_\_\_\_\_***

1. ***Paralysis***

Instructions: Enter score for the following MDS 3.0 items below:

**I4900. Hemiplegia or Hemiparesis** \_\_\_\_\_\_

**I5000. Paraplegia** \_\_\_\_\_\_

**I5100. Quadriplegia** \_\_\_\_\_\_

If any of the above is scored 1, enter “0” at right. Otherwise, enter “1” at right. ***C: \_\_\_\_\_\_\_\_\_\_***

1. ***Schizophrenia***

Instructions: Is MDS 3.0 Item **I6000** (Schizophrenia) checked? yes\_\_\_\_\_

no\_\_\_\_\_

If yes, enter “0”at right.

If no, enter “1” at right. ***D: \_\_\_\_\_\_\_\_\_\_***

1. ***RUG-IV Group***

Instructions: Enter code for RUG Case-Mix Group from MDS 3.0 item **Z0100A**: \_\_\_\_\_\_\_\_\_\_

If Group code is PA or BA, enter “1” at right. Otherwise, enter “0” at right.

***E:\_\_\_\_\_\_\_\_\_\_***

1. ***Length of Stay***

Instructions: Enter date from MDS 3.0 item **A1600.** Entry Date\_\_\_/\_\_\_/\_\_\_\_\_.

Length of Stay is equal to the time between this date and today’s date.

If Length of Stay is at least 90 days, but less than two years (730 days), enter “1” at right.

Otherwise, enter “0” at right. ***F:\_\_\_\_\_\_\_\_\_\_***

**Add up Step 2 scores, Lines A-F: \_\_\_\_\_\_\_\_\_\_**

**Multiply Step 2 score by “2” and enter as STEP 2 Summary Score: \_\_\_\_\_\_\_\_\_**

**(Note: Should be an even number between 0 and 12)**

**STEP 3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Complete the following:**

1. ***ADLs***

Instructions: Enter scores for the MDS 3.0 items below:

**G0110H1.** Eating \_\_\_\_\_\_\_\_\_

**G0110E1**. Locomotion on Unit\_\_\_\_\_\_\_\_\_

**G0110I1.** Toilet Use \_\_\_\_\_\_\_\_\_

**G0110J1.** Personal Hygiene \_\_\_\_\_\_\_\_\_

If all of the above items have a score of 4, enter “0” at right.

If either **G0110E1** or **G0110H1** has a score of 4, enter “0” at right.

If neither of the above is true, enter “1” at right. ***A: \_\_\_\_\_\_\_\_\_\_***

1. ***Cognition***

Instructions: Refer to BIMS Summary Score (**C0500**) from Step 2, Line B.

If score is between 8-12, enter “1” at right. Otherwise, enter “0” at right. ***B:\_\_\_\_\_\_\_\_\_\_\_***

1. ***Communication***

Instructions: Enter scores for MDS 3.0 items below:

**B0700.** Makes Self Understood \_\_\_\_\_\_\_\_\_

**B0800.** Ability to Understand Others \_\_\_\_\_\_\_\_\_

If both of above are scored 0, enter “1” at right. Otherwise, enter “0” at right. ***C: \_\_\_\_\_\_\_\_\_\_\_***

1. ***Behavior***

Instructions: Enter scores for MDS 3.0 items below.

**E0900.** Wandering \_\_\_\_\_\_\_\_\_\_

**E0200A.** Physical Behavior \_\_\_\_\_\_\_\_\_\_

**E0200B.** Verbal Behavior \_\_\_\_\_\_\_\_\_\_

**E0200C.** Other Behavioral Symptoms \_\_\_\_\_\_\_\_\_\_

**E0800.** Rejection of Care \_\_\_\_\_\_\_\_\_\_

If all of above are scored 0, enter “1” at right. Otherwise, enter “0” at right. ***D: \_\_\_\_\_\_\_\_\_\_***

1. ***RUG-IV Group***

Instructions: Refer to RUG Case Mix Group code from Step 2, Line E.

If the first 2 or 3 characters of this code are the same as one of the following,

then enter “1” at right:

PB, PC, PD, or PE

BB

CA, CB, CC or CD,

RLA, RHA, RVA

Otherwise, enter “0” at right. ***E:\_\_\_\_\_\_\_\_\_\_***

**Add up Step 3 scores, Lines A-E. : \_\_\_\_\_\_\_\_\_\_Enter as Step 3 Summary Score: \_\_\_\_\_\_\_\_\_\_ (Note: should be a number from 0 to 5)**

**STEP 4\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Enter Summary Scores from previous pages:**

**Step 1 Summary Score: \_\_\_\_\_\_\_\_\_\_**

**Step 2 Summary Score: \_\_\_\_\_\_\_\_\_\_**

**Step 3 Summary Score: \_\_\_\_\_\_\_\_\_\_**

**Sum of Scores: \_\_\_\_\_\_\_\_\_\_**

**(Note: Should be a number from 0 to 18)**

**This sum is the person’s Q+ Index.**

1. For current year, 2012. These dates should be updated for use in later years. [↑](#footnote-ref-1)