



MEDICAL COUNCIL OF CANADA LE CONSEIL MÉDICAL DU CANADA

COMPARISON CHARTS – RESULTS INTERPRETATION

How to compare new exam scores and old exam scores

1. Need to compare the new exam scores with the old exam scores? Refer to this chart for the **MCCQE Part I:**

EXAM	NEW			OLD		
	Range	M	SD	Range	M	SD
MCCQE Part I	100-400	250 ¹	30 ¹	50-950	500 ²	100 ²

¹ Based on candidates in **April 2018** | ² Based on candidates in **April 2015**

- New exam score of **340** = three standard deviations above the mean AND SIMILAR PERFORMANCE to an old exam score of 800
- New exam score of **310** = two standard deviations above the mean AND SIMILAR PERFORMANCE to an old exam score of 700
- New exam score of **280** = one standard deviation above the mean AND SIMILAR PERFORMANCE to an old exam score of 600
- New exam score of **250** = mean AND SIMILAR PERFORMANCE to an old exam score of 500
- New exam score of **220** = one SD below the mean AND SIMILAR PERFORMANCE to an old exam score of 400
- New exam score of **190** = two SDs below the mean AND SIMILAR PERFORMANCE to an old exam score of 300

2. Need to compare the new exam scores with the old exam scores? Refer to this chart for the **MCCQE Part II:**

EXAM	NEW			OLD		
	Range	M	SD	Range	M	SD
MCCQE Part II	50-250	150 ¹	20 ¹	50-950	588 ²	89 ²

¹ Based on candidates in **October 2018**

² Prior to **October 2018**, there was a different Blueprint for the MCCQE Part II. The scale ranged from 50 to 950 with a mean of 500 and a standard deviation of 100. The mean and standard deviation were established using results from the May 2015 session. Typically, subsequent cohorts would be compared to the session where the score scale was established, but the composition of cohorts changed after scale development due to the implementation of capacity limits for the MCCQE Part II. Between October 2015 and May 2018, a more stable cohort composition occurred for the MCCQE Part II, where on average the mean was 588 and the standard deviation was 89.

- New exam score of **210** = three standard deviations above the mean AND SIMILAR PERFORMANCE to an old exam score of 855
- New exam score of **190** = two standard deviations above the mean AND SIMILAR PERFORMANCE to an old exam score of 766
- New exam score of **170** = one standard deviation above the mean AND SIMILAR PERFORMANCE to an old exam score of 677

- New exam score of **150** = mean AND SIMILAR PERFORMANCE to an old exam score of 588
- New exam score of **130** = one SD below the mean AND SIMILAR PERFORMANCE to an old exam score of 499
- New exam score of **110** = two SDs below the mean AND SIMILAR PERFORMANCE to an old exam score of 410

3. Need to compare the new exam scores with the old exam scores? Refer to this chart for the **NAC Examination**:

EXAM	NEW			OLD		
	Range	M	SD	Range	M	SD
NAC Examination	300-500	400 ¹	25 ¹	0-100	70 ²	8 ²

¹ Based on candidates in **March 2019** | ² Based on candidates in **March 2013**

- New exam score of **475** = three standard deviations above the mean AND SIMILAR PERFORMANCE to an old exam score of 94
- New exam score of **450** = two standard deviations above the mean AND SIMILAR PERFORMANCE to an old exam score of 86
- New exam score of **425** = one standard deviation above the mean AND SIMILAR PERFORMANCE to an old exam score of 78
- New exam score of **400** = mean AND SIMILAR PERFORMANCE to an old exam score of 70
- New exam score of **375** = one SD below the mean AND SIMILAR PERFORMANCE to an old exam score of 62
- New exam score of **350** = two SDs below the mean AND SIMILAR PERFORMANCE to an old exam score of 54