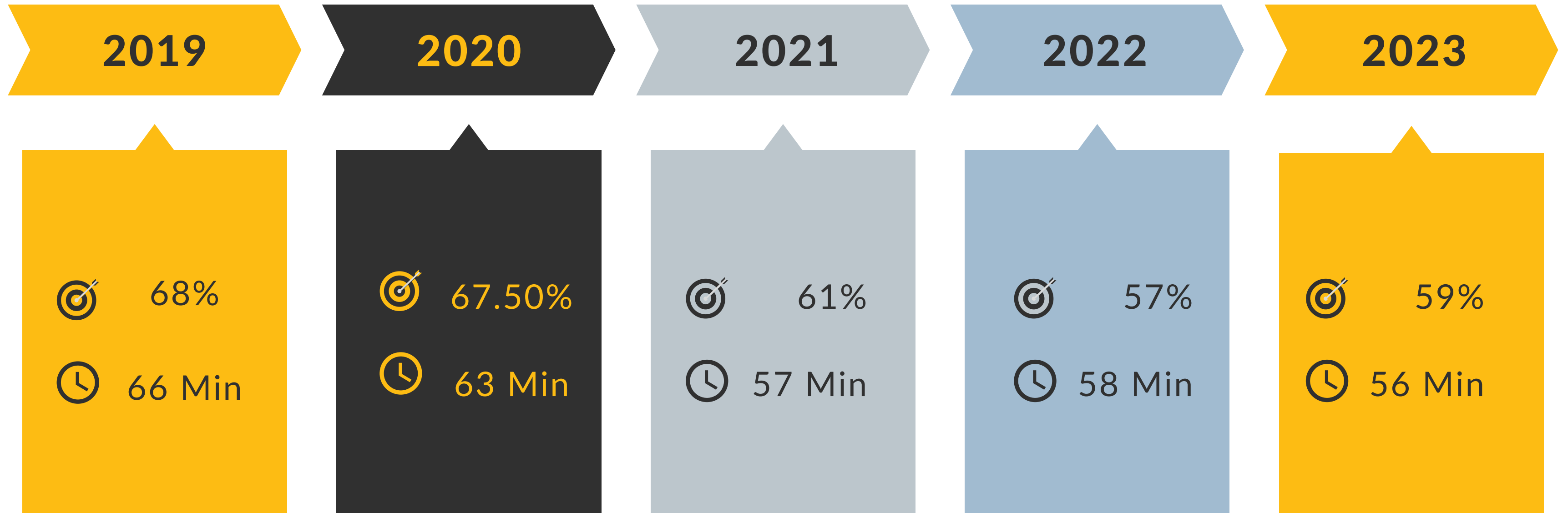# AutoCAD Civil 3D Benchmarking

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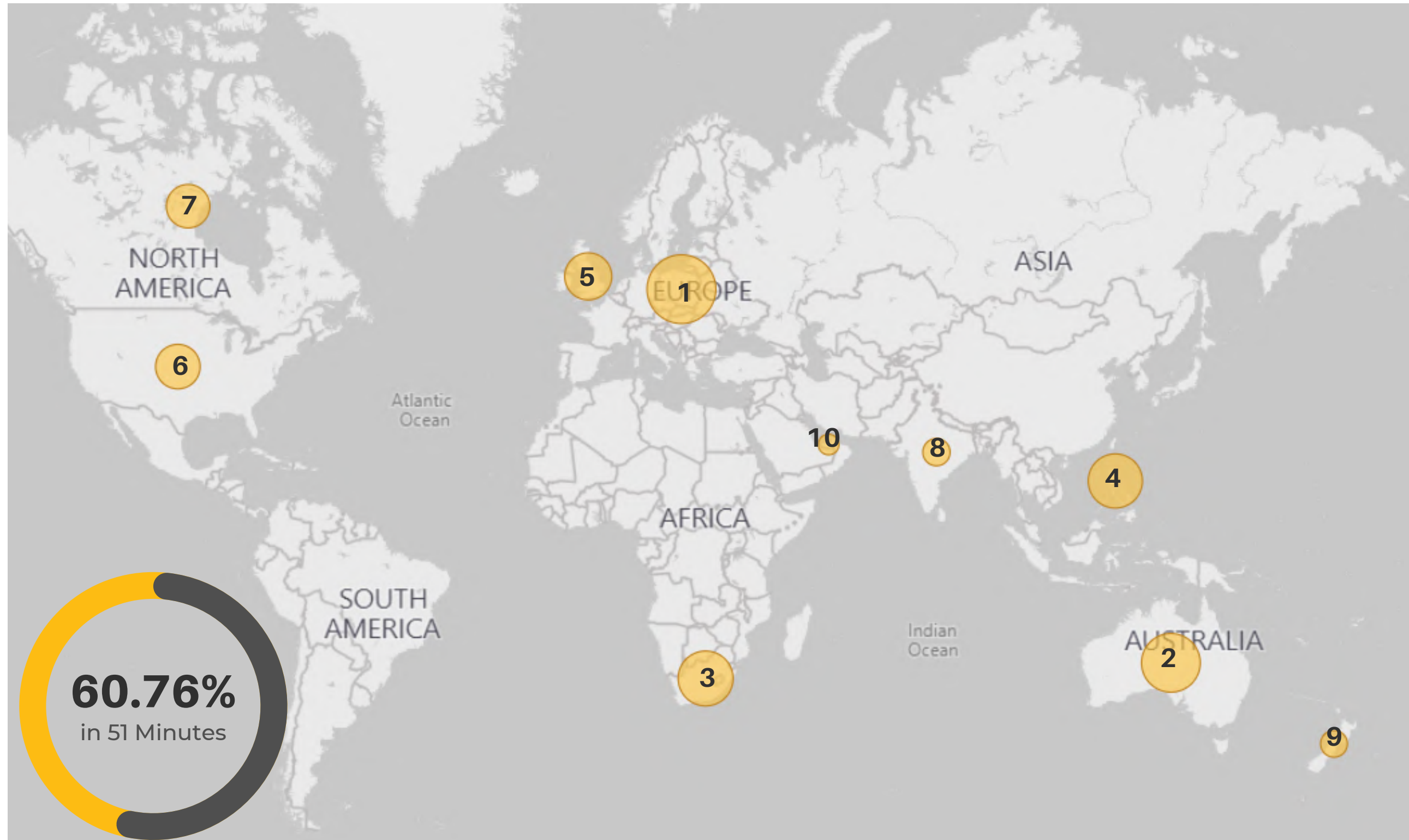# AUTOCAD CIVIL 3D FUNDAMENTALS

VARIANCES IN OUR OVERALL BENCHMARK DATA

2019	2020	2021	2022	2023
68%	67.50%	61%	57%	59%
66 Min	63 Min	57 Min	58 Min	56 Min

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BENCHMARKING

GLOBAL AVERAGE AUTOCAD CIVIL 3D

BY WORLD REGION (TOP 10) - SCORE (ACCURACY) AND ELAPSED TIME

60.76% in 51 Minutes

1. **Poland** 74.05% in 61 min
2. **Australia** 69.06%% in 47 min
3. **South Africa** 67.19% in 44 min
4. **Philippines** 66.81% in 57 min
5. **United Kingdom** 63.29% in 45 min
6. **United States** 62.02% in 46 min
7. **Canada** 61.50% in 80 min
8. **India** 53.47% in 50 min
9. **New Zealand** 53.20% in 46 min
10. **UAE** 50% in 64 min

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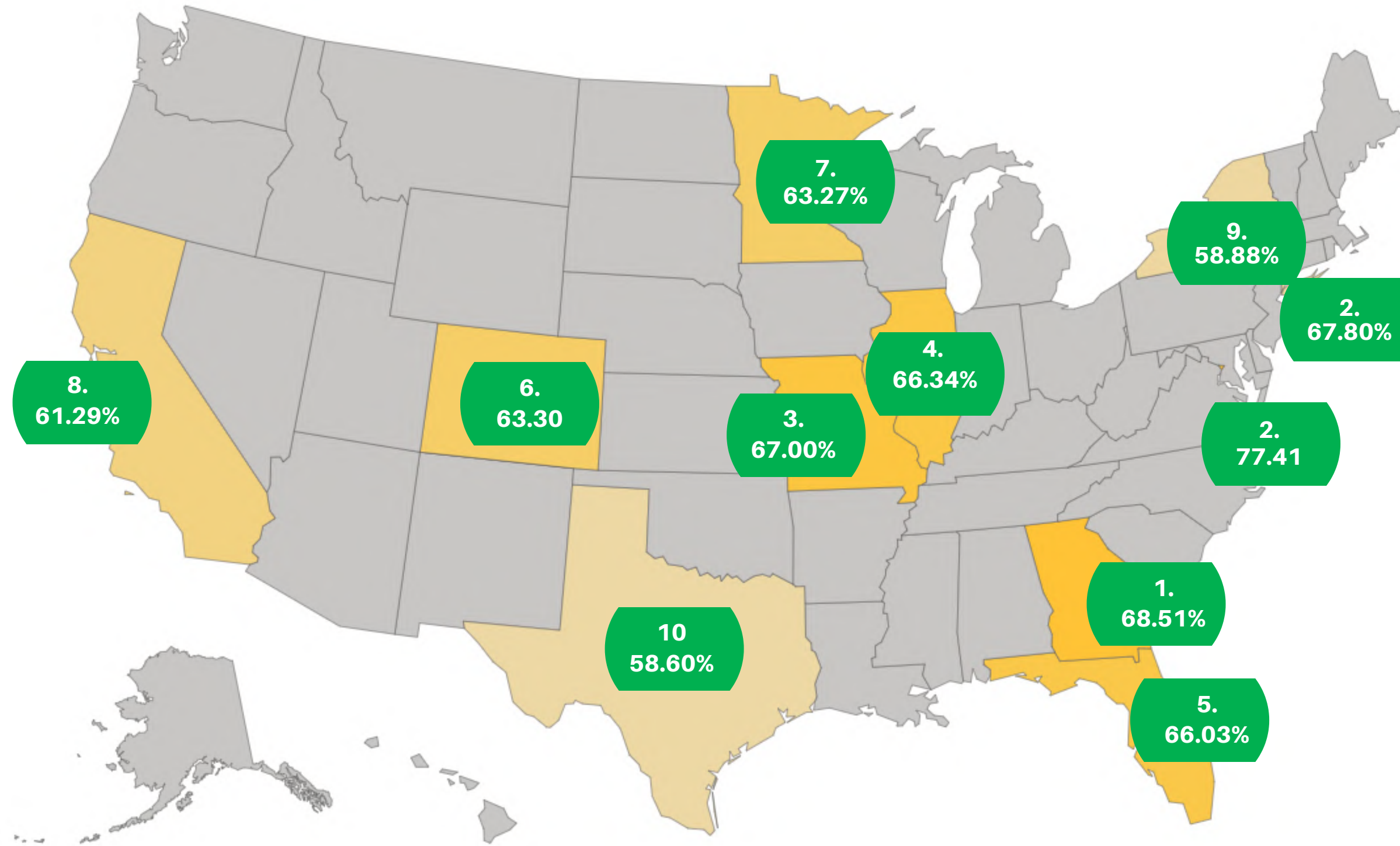
AUTOCAD CIVIL 3D

USA BY STATE - SCORE (ACCURACY AND ELAPSED TIME)

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7. 63.27%

9. 58.88%

2. 67.80%

8. 61.29%

6. 63.30

4. 66.34%

3. 67.00%

2. 77.41

10 58.60%

1. 68.51%

5. 66.03%

TOP STATES (SCORE AND TIME)

Georgia	68.51%	83.36 min
District of Columbia	67.80%	68.69 min
Missouri	67.00%	81.69 min
Illinois	66.34%	74.48 min
Florida	66.03%	74.14 min
Colorado	63.30%	70.88 min
Minnesota	63.27%	86.48 min
California	61.29%	81.52 min
New York	58.88%	75.47 min
Texas	58.60%	78.85 min

Georgia
1

District of Columbia
2

Delaware
3

Pennsylvania
4

Wisconsin
5

New Jersey
6

California
7

Alberta
8

British Columbia
9

Massachusetts
10
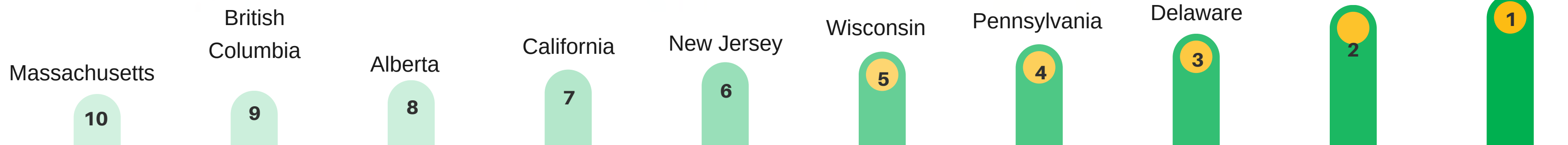
AUTOCAD CIVIL 3D SKILLS

- A DETAILED BREAKDOWN BY DISCIPLINE AND USER BACKGROUND

CIVIL ENGINEER - AutoCAD Civil 3D

- Regular users 69.47% in 55 Min
- Part-time users 55.42% in 65 Min
- 1 - 5 years' experience (all types) 57.89% in 59 Min
- 6 - 10 years' experience (all types) 69.74% in 55 Min
- On the job learning (all types) 65.87% in 56 Min
- Formal learning (all types) 67.34% in 54 Min
- Online/Web-Based Training 64.81% in 62 Min

The average AutoCAD Civil 3D self-rating score for Civil Engineers is: **2.82 out of 5**

Basic knowledge, can get by working on a project but could do better

CIVIL ENGINEER - AUTOCAD

- Regular users 61.26% in 60 Min
- Part-time users 51.52% in 69 Min
- 1 - 5 years' experience (all types) 51.85% in 58 Min
- 6 - 10 years' experience (all types) 60.97% in 65 Min
- On the job learning (all types) 58.86% in 61 Min
- Formal learning (all types) 53.96% in 57 Min
- Online/Web-Based Training 51.84% in 89 Min

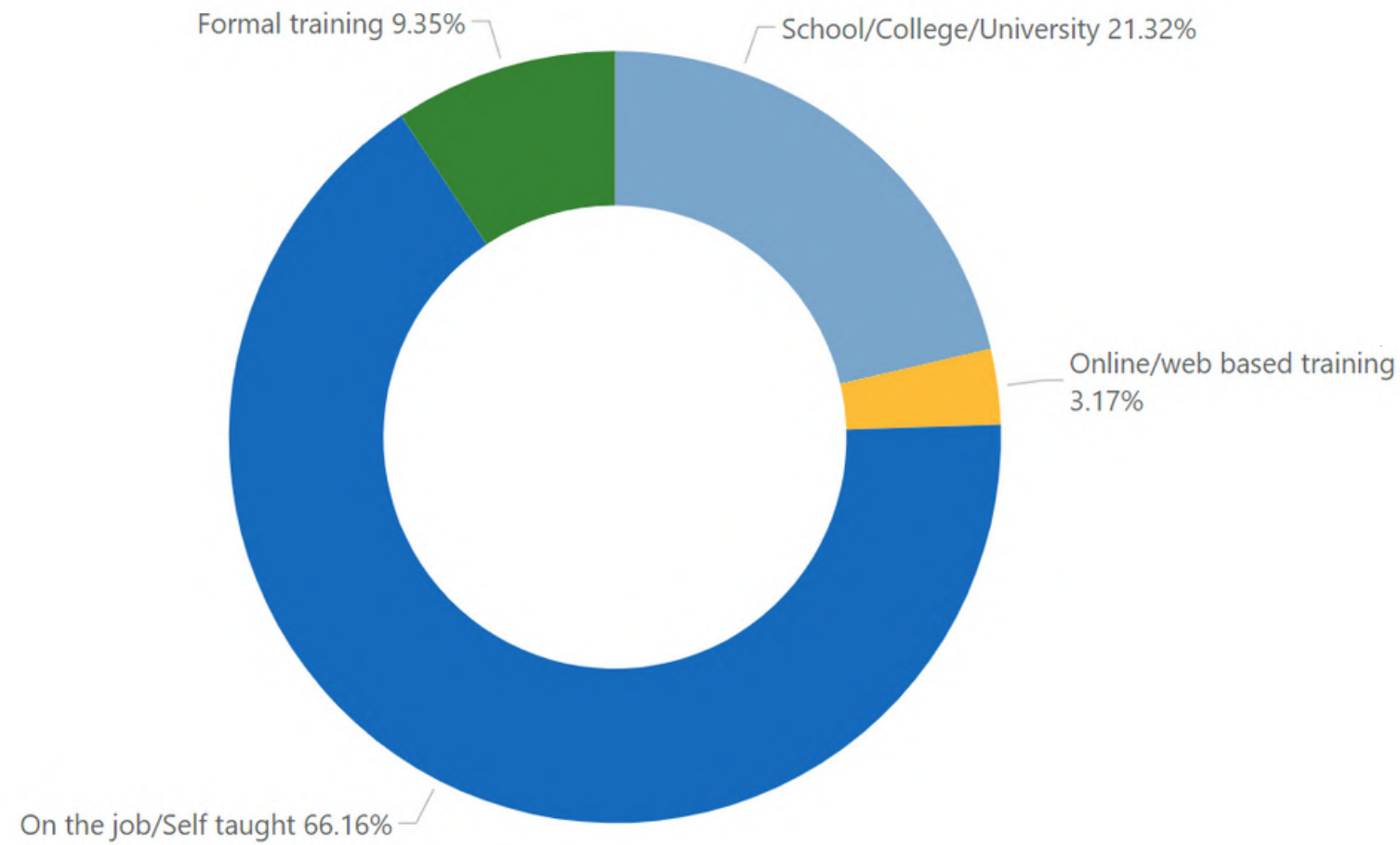The average AutoCAD self-rating score for Civil Engineers is: **2.84 out of 5**

Basic knowledge, can get by working on a project but could do better

CIVIL ENGINEER - PRIMARY LEARNING METHOD ANALYSIS

AVERAGE SCORE 60.76% IN 51 MIN

TOP TEN ASSESSMENT SCORES BY COUNTRY AND PRIMARY LEARNING METHOD

LearnHow
- Formal training
- On the job/Self taught
- Online/web based training
- School/College/University

Country	Formal training	On the job/Self taught	Online/web based training	School/College/University
Poland				79.36
South Africa	72.74	69.58		
Australia		68.75		
United States	67.79	67.55	62.79	64.52
Philippines		66.73		
United Kingdom	60.79	65.50		64.02
Canada	67.06	62.41		62.03
New Zealand		56.86		60.00
United Arab Emirates		54.70		53.92
India	53.69	54.46		

Average of score

Formal training 9.35%

School/College/University 21.32%

Online/web based training 3.17%

On the job/Self taught 66.16%

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FREQUENCY OF USE AND JOB TITLE ANALYSIS

AVERAGE SCORE 60.76% IN 51 MIN

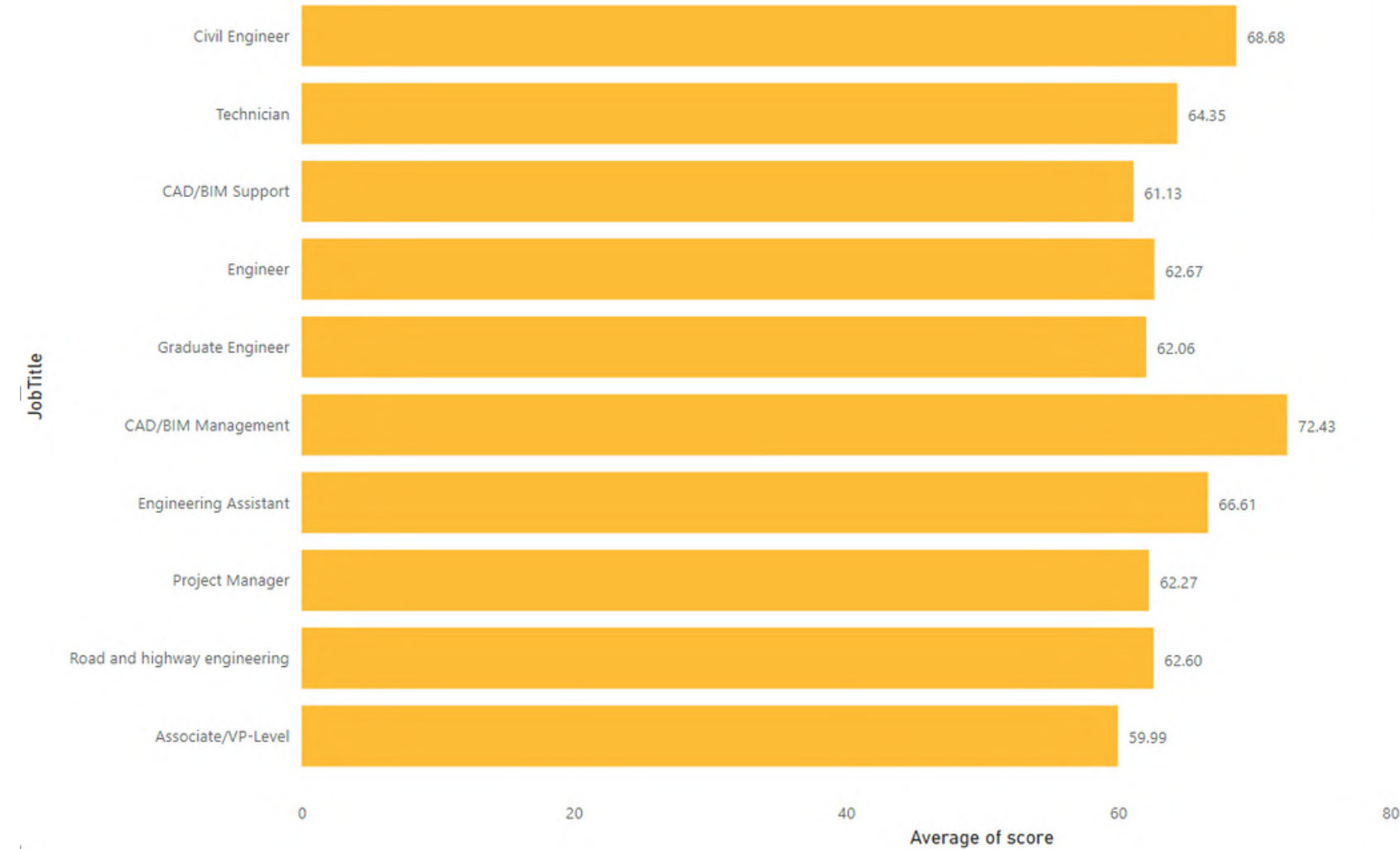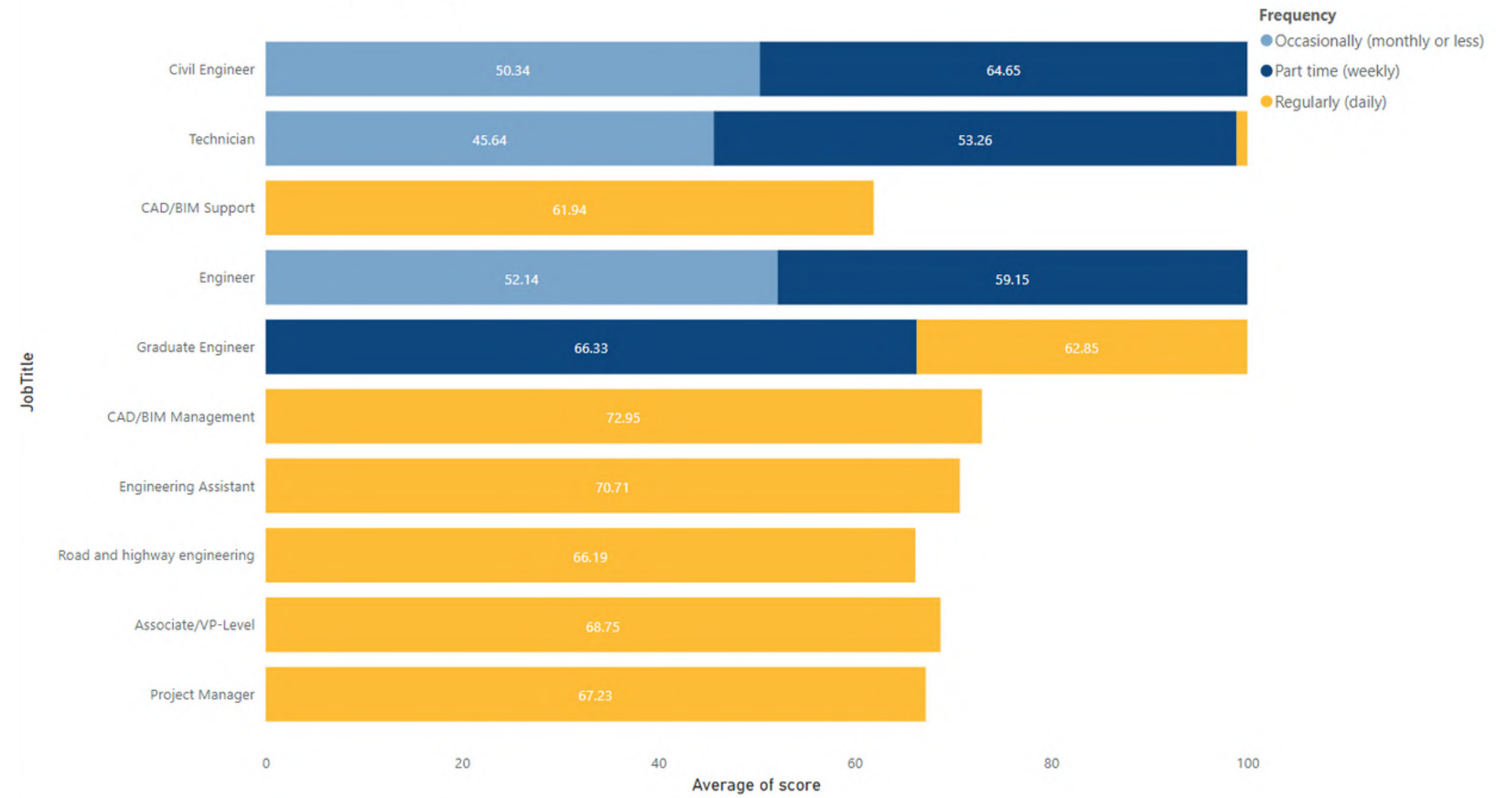# AVERAGE ASSESSMENT SCORE PER JOB TITLE GROUPED BY FREQUENCY OF USE

Frequency
- Occasionally (monthly or less)
- Part time (weekly)
- Regularly (daily)

JobTitle			
Civil Engineer	50.34	64.65	
Technician	45.64	53.26	
CAD/BIM Support	61.94		
Engineer	52.14	59.15	
Graduate Engineer	66.33	62.85	
CAD/BIM Management	72.95		
Engineering Assistant	70.71		
Road and highway engineering	66.19		
Associate/VP-Level	68.75		
Project Manager	67.23		

Average of score
0   20   40   60   80   100

AVERAGE ASSESSMENT SCORE PER JOB TITLE SORTED BY # OF ASSESSMENTS

JobTitle	Average of score
Civil Engineer	68.68
Technician	64.35
CAD/BIM Support	61.13
Engineer	62.67
Graduate Engineer	62.06
CAD/BIM Management	72.43
Engineering Assistant	66.61
Project Manager	62.27
Road and highway engineering	62.60
Associate/VP-Level	59.99

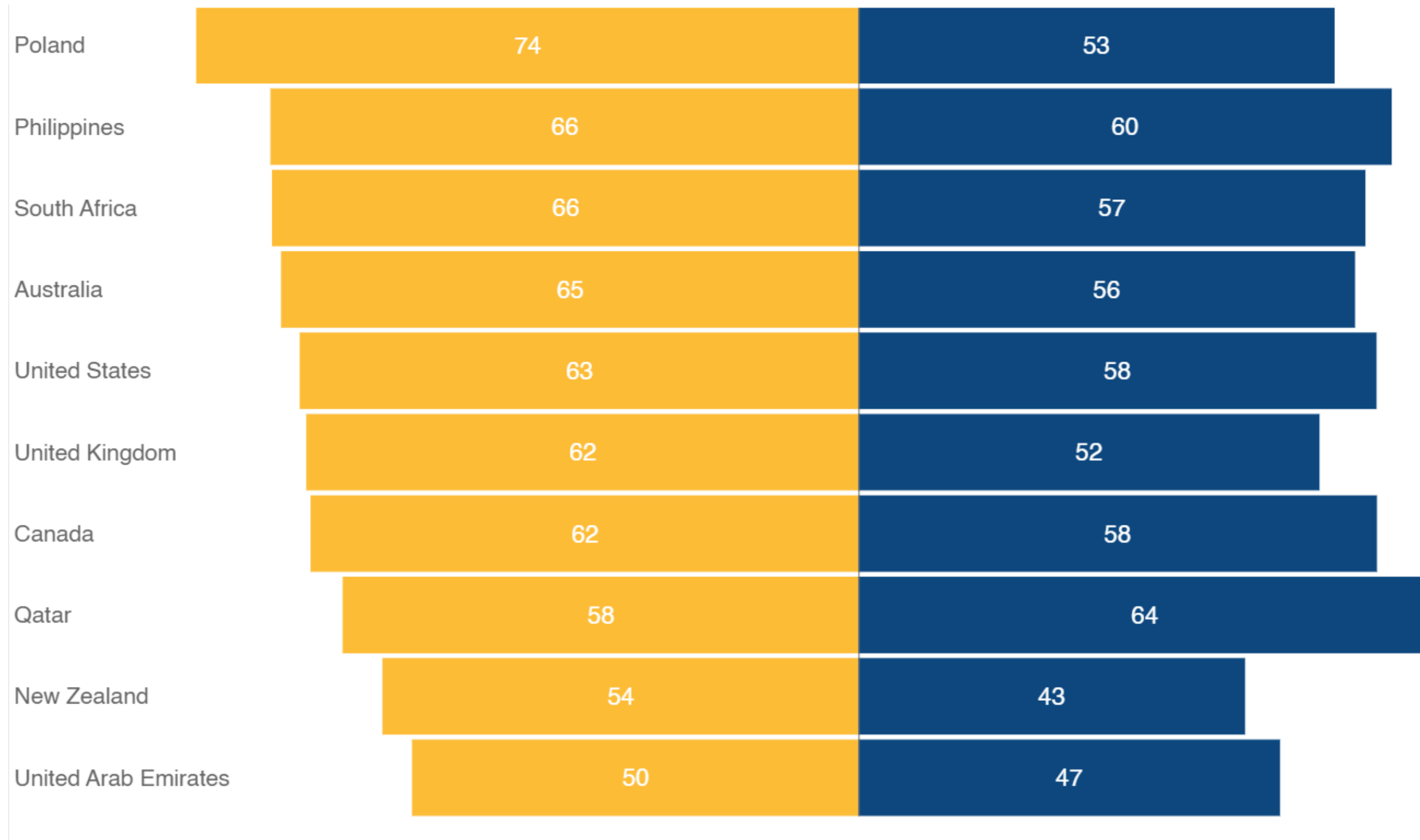Average of score
0   20   40   60   80

TOP 10 COUNTRIES BASED ON NUMBER OF ASSESSMENTS TAKEN - AVERAGE SCORES VERSUS AVERAGE SELF-RATING PERCENTAGE

AVERAGE OVERALL SCORE 60.76% IN 51 MIN

Country	Average Score	Self-Rating
Poland	74	53
Philippines	66	60
South Africa	66	57
Australia	65	56
United States	63	58
United Kingdom	62	52
Canada	62	58
Qatar	58	64
New Zealand	54	43
United Arab Emirates	50	47

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