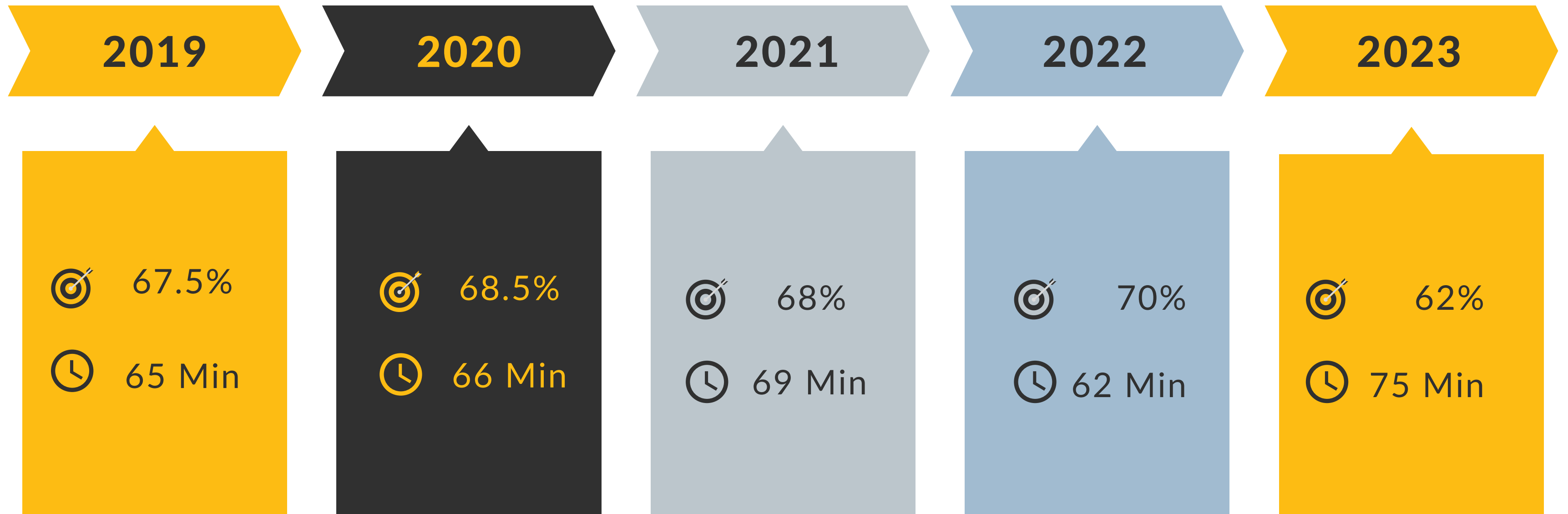KNOWLEDGESMART
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Revit Architecture Benchmarking

REVIT ARCHITECTURE FUNDAMENTALS

VARIANCES IN OUR OVERALL BENCHMARK DATA

2019	2020	2021	2022	2023
67.5%	68.5%	68%	70%	62%
65 Min	66 Min	69 Min	62 Min	75 Min

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GLOBAL AVERAGE REVIT ARCHITECTURE FUNDAMENTALS

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

67.47% in 65 Minutes

1. Vietnam
74% in 68 Min

2. Australia
72% in 60 Min

3. New Zealand
70.77% in 63 Min

4. Singapore
70.11% in 55 Min

5. United Kingdom
68.3% in 61 Min

6. United States
67.48% in 70 Min

7. South Africa
66.68% in 63 Min

8. Canada
66.40% in 70 Min

9. UAE
61.56% in 72 Min

10. China
59.32% in 71 Min

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GLOBAL AVERAGE REVIT ARCHITECTURE ADVANCED

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

1 Canada
67.20% in 80Min

2 South Africa
66.30% in 78 Min

3 United Kingdom
69.59% in 57 MIn

4 United Kingdom
63.26% in 75 Min

5 USA
62.34% in 76 Min

6 Australia
62.30% in 71 Min

7 New Zealand
59.78% in 87 Min

8 Bulgaria
58.04% in 95 Min

9 UAE
57.40% in 88 min

10 Kuwait
56.67% in 77 min

61.53% in 76 Minutes
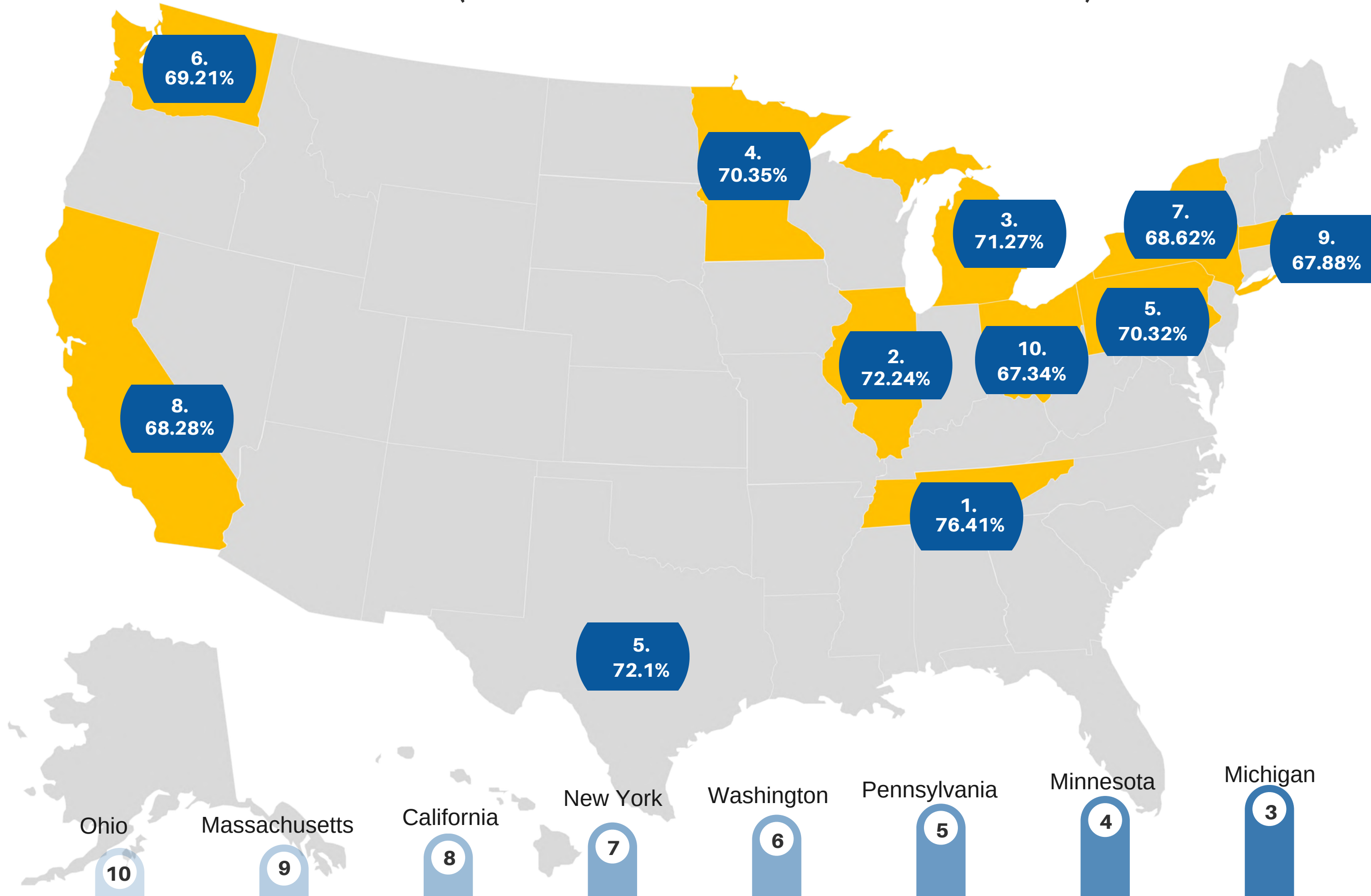
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REVIT ARCHITECTURE FUNDAMENTALS
USA BY STATE - SCORE (ACCURACY AND ELAPSED TIME)

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TOP STATES
(SCORE AND TIME)

USA AVERAGE
69%
in 66 Minutes

Tennessee	76.41%	90 min
Ilinois	72.24%	67 min
Michigan	71.27%	76 min
Minnesota	70.35%	67 min
Pennsylvania	70.32%	58 min
Washington	69.21%	66 min
New York	68.62%	59 min
California	68.28%	64 min
Massachusetts	67.88%	62 min
Ohio	67.34%	65 min

Map labels:
- 6. 69.21%
- 4. 70.35%
- 3. 71.27%
- 7. 68.62%
- 9. 67.88%
- 2. 72.24%
- 10. 67.34%
- 5. 70.32%
- 8. 68.28%
- 1. 76.41%
- 5. 72.1%

Bottom markers:
- Ohio 10
- Massachusetts 9
- California 8
- New York 7
- Washington 6
- Pennsylvania 5
- Minnesota 4
- Michigan 3
- Illinois 2
- Tennessee 1

REVIT ARCHITECTURE ADVANCED
USA BY STATE - SCORE (ACCURACY AND ELAPSED TIME)

KNOWLEDGE**SMART**
AN EAGLE POINT SOFTWARE COMPANY

7.
63.27%

9.
58.88%

2.
67.80%

4.
66.34%

6.
63.30%

8.
61.29%

3.
67%

1.
68.51%

10.
58.60%

5.
66.03%

TOP STATES (SCORE AND TIME)

USA AVERAGE
63%
in 77 Minutes
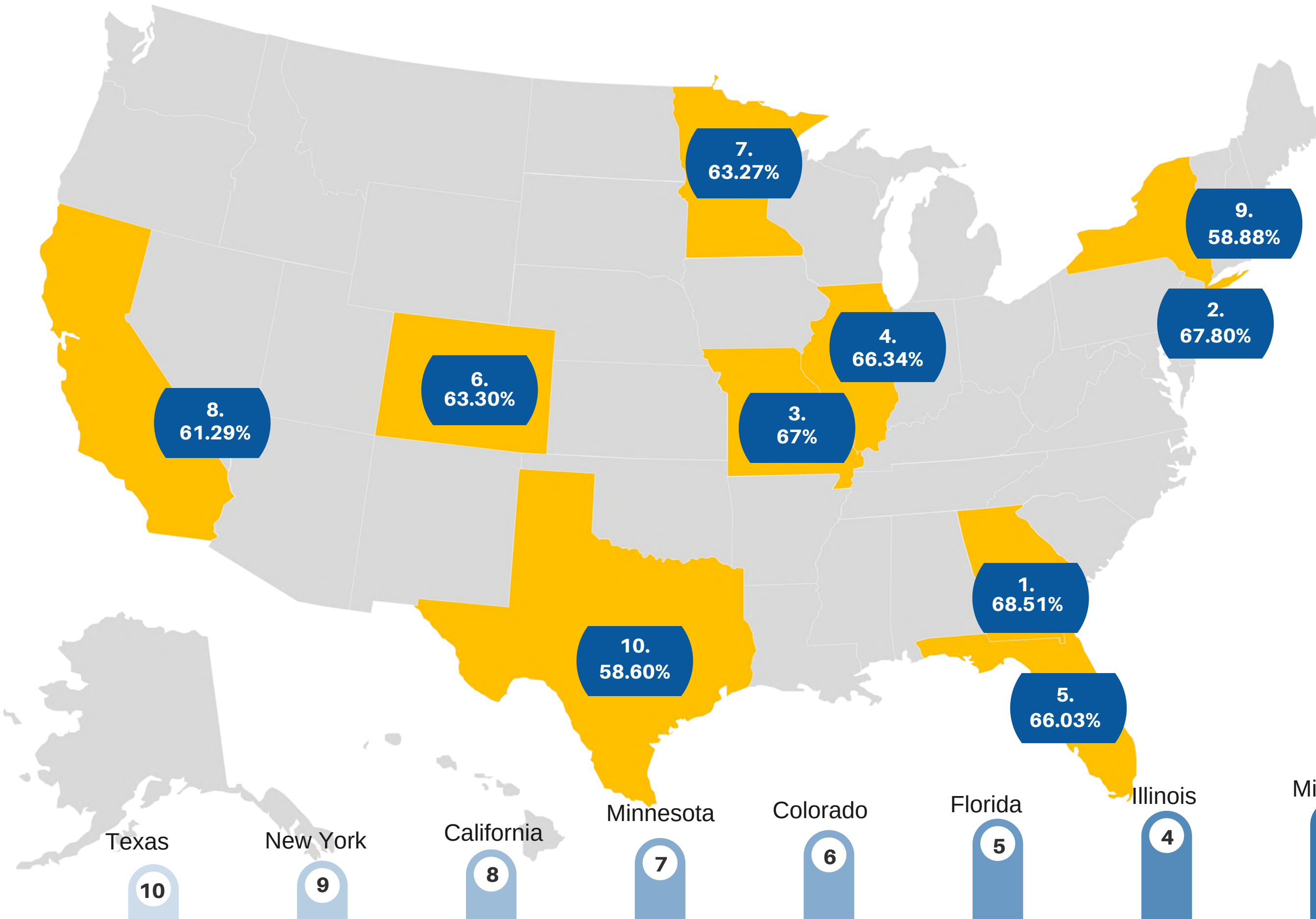
Georgia	68.51 %	83 min
District of Columbia	67.80 %	69 min
Missouri	67.00 %	82 min
Illinois	66.34 %	74 min
Florida	66.03 %	74 min
Colorado	63.30 %	71 min
Minnesota	63.27 %	86 min
California	61.29 %	82 min
New York	58.88 %	75 min
Texas	58.60 %	79 min

Minnesota
7

Colorado
6

Florida
5

Illinois
4

Missouri
3

District of Columbia
2

Georgia
1

Texas
10

New York
9

California
8
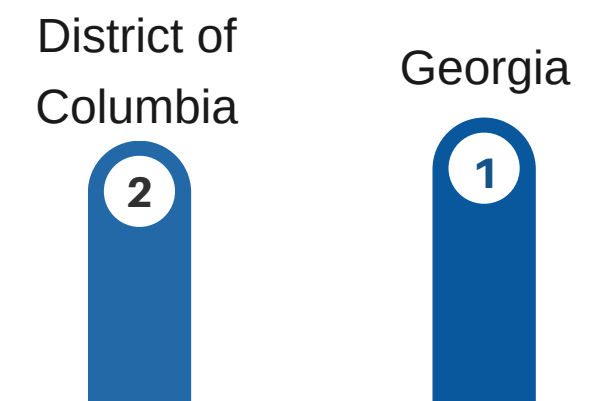
REVIT ARCHITECTURE ADVANCED

VARIANCES IN OUR OVERALL BENCHMARK DATA

2019	2020	2021	2022	2023
57.5%	58.5%	58%	59%	59%
65 Min	69 Min	68 Min	69 Min	70 Min
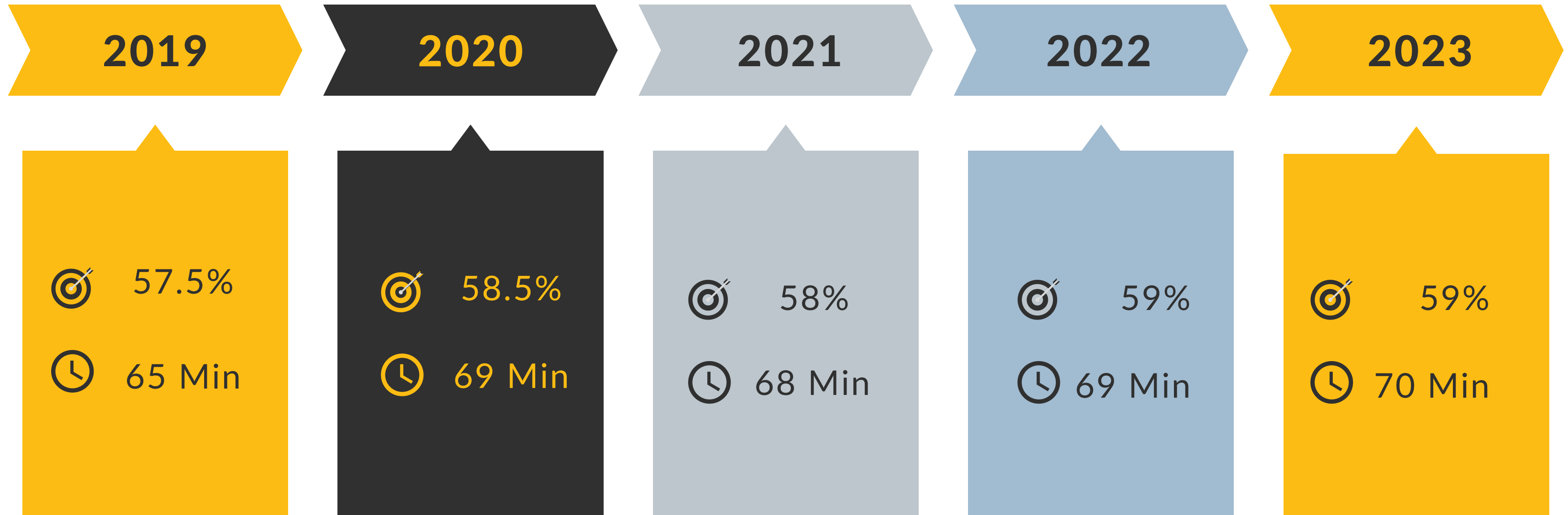
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REVIT ARCHITECTURE SKILLS
- A DETAILED BREAKDOWN BY DISCIPLINE AND USER BACKGROUND

BIM MANAGERS

- Regular users 73.72% in 52 Min
- Part-time users 68.31% in 54 Min
- 1 - 5 years' experience (all types) 66.28% in 54 Min
- 6 - 10 years' experience (all types) 74.80% in 52 Min
- 11 - 15 years' experience (all types) 77.67% in 48 Min
- On the job learning (all types) 74% in 51 Min
- Computer Based/Online Learning 72.93% in 58 Min
- Formal learning (all types) 70.56% in 51 Min

The average Revit Architecture self-rating score for BIM Managers is:

3.79 out of 5

3 out of 5 Rating Description: Good Knowledge - can produce a good standard of work on projects.

ARCHITECTS

- Regular users 72.87% in 63 Min
- Part-time users 67.34% in 66 Min
- 1 - 5 years' experience (all types) 66.27% in 62 Min
- 6 - 10 years' experience (all types) 73.37% in 61 Min
- 11 - 15 years' experience (all types) 73.37% in 65 Min
- On the job learning (all types) 71.50% in 64 Min
- Computer Based/Online Learning 69.11% in 67 Min
- Formal learning (all types) 70.42% in 65 Min

The average Revit Architecture self-rating score for Architects is:

3.05 out of 5

3 out of 5 Rating Description: Good Knowledge - can produce a good standard of work on projects.

REGULAR USE (DAILY)

OCCASIONAL USE (WEEKLY)

SELF-TAUGHT

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
71.56%	75.28%	75.67%
62 Min	59 Min	63 Min

SELF-TAUGHT

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
59.20%	67.56%	57.91%
69 Min	72 Min	66 Min

ARCHITECT

69.04% IN 62 MIN

FORMAL EDUCATION

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
71.44%	74.81%	73.63%
64 Min	59 Min	67.25 Min

FORMAL EDUCATION

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
62.31%	64.71%	62.56%
73 Min	69 Min	63Min

OCCASIONAL USE (WEEKLY)

SELF-TAUGHT

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
🎯 60.89%	🎯 74.28%	🎯 54.12%
🕐 65 Min	🕐 67 Min	🕐 73 Min

FORMAL EDUCATION

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
🎯 64.63%	🎯 65.79%	🎯 50.59%
🕐 65 Min	🕐 69 Min	🕐 54 Min

REGULAR USE (DAILY)

SELF-TAUGHT

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
🎯 72.47%	🎯 74.61%	🎯 74.76%
🕐 57 Min	🕐 50 Min	🕐 61 Min

FORMAL EDUCATION

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
🎯 73.2%	🎯 78.14%	🎯 71.81%
🕐 58 Min	🕐 51 Min	🕐 61 Min

UNITED KINGDOM

69.86% IN 56 MIN

ARCHITECT

OCCASIONAL USE (WEEKLY)

REGULAR USE (DAILY)

SELF-TAUGHT

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
70.11%	74.25%	50.50%
90 Min	63 Min	71 Min

SELF-TAUGHT

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
70.43%	76.65%	72.18%
63 Min	63 Min	60 Min

CANADA

69.86% IN 56 MIN

ARCHITECT
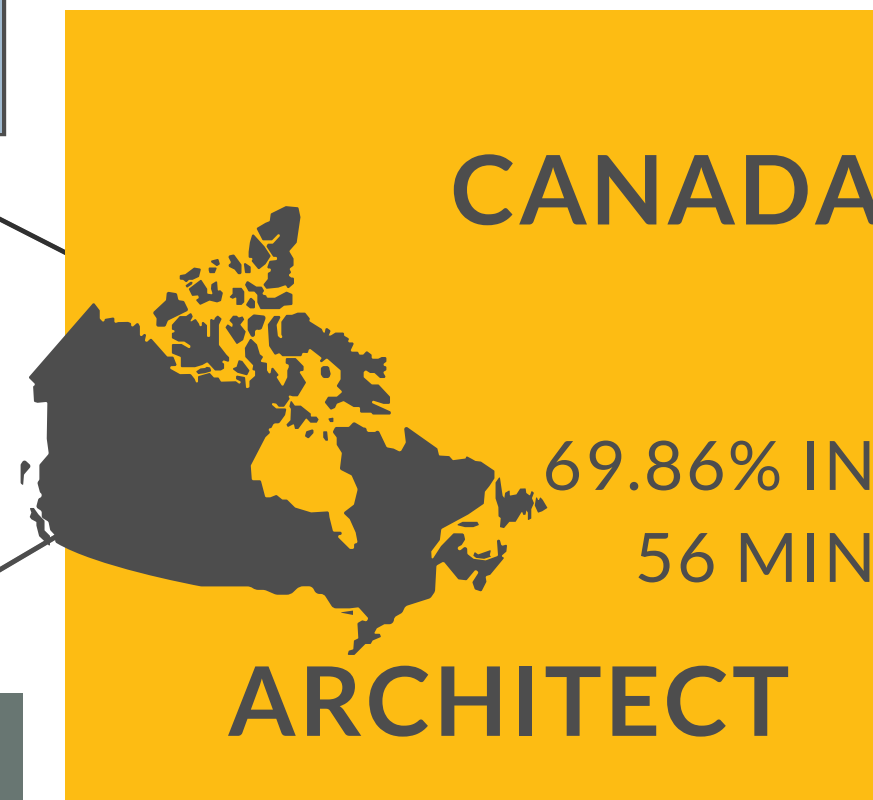
FORMAL EDUCATION

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
57.50%	75.67%	64.3%
67 Min	74 Min	67 Min

FORMAL EDUCATION

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
69.48%	75.28%	66.43%
64 Min	70 Min	68 Min

OCCASIONAL USE (WEEKLY)

REGULAR USE (DAILY)

SELF-TAUGHT

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
59.96%	66.71%	60.14%
71 Min	73 Min	84 Min

SELF-TAUGHT

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
74.23%	78.78%	77.70%
68 Min	64 Min	70 Min

USA

73.3% IN 65 MIN

ARCHITECT
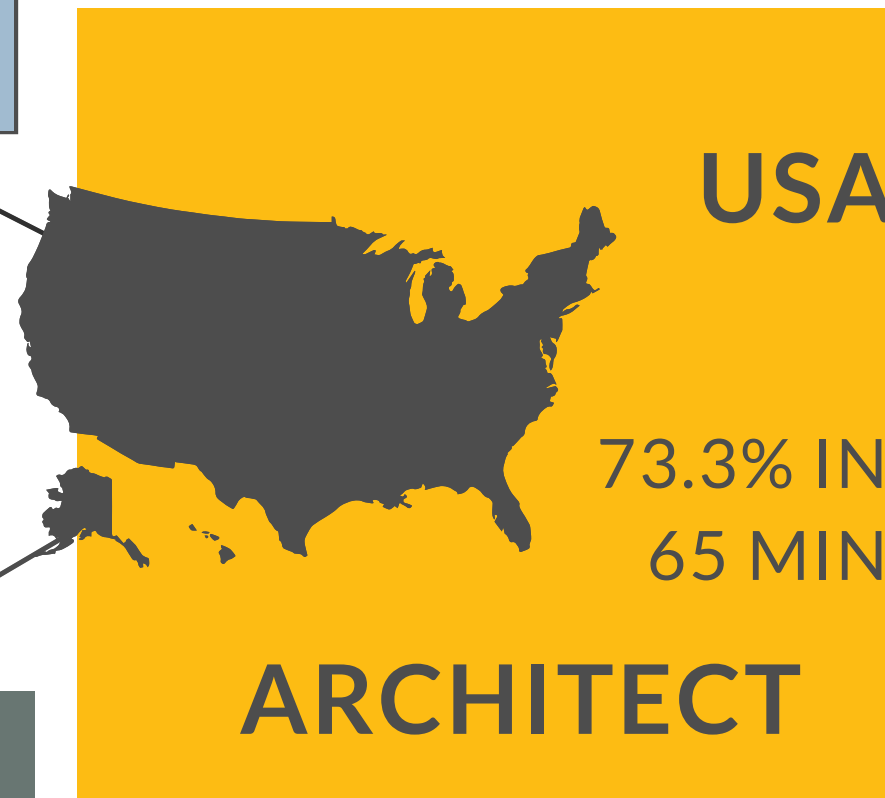
FORMAL EDUCATION

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
61.48%	62.71%	70.50%
80 Min	66 Min	74 Min

FORMAL EDUCATION

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
69.48%	75.28%	77.38%
64 Min	70 Min	70 Min

OCCASIONAL USE (WEEKLY)

REGULAR USE (DAILY)

SELF-TAUGHT

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
66.62%	64.96%	72%
68 Min	64 Min	70 Min

SELF-TAUGHT

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
73.70%	77.36%	74.30%
56 Min	67 Min	62 Min

AUSTRALIA & NZ

73.3% IN 65 MIN

ARCHITECT
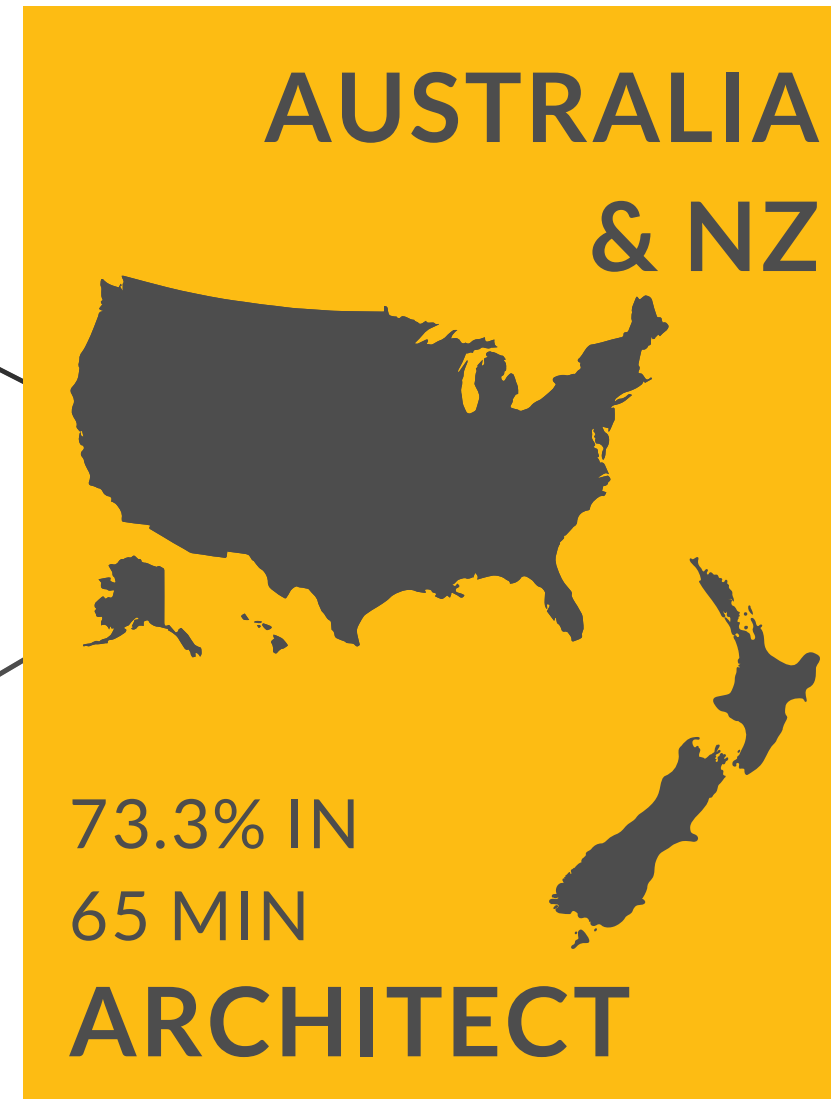
FORMAL EDUCATION

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
68.38%	64.91%	71.23%
79 Min	58 Min	72 Min

FORMAL EDUCATION

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
73.33%	75.94%	74.91%
63 Min	60 Min	69 Min

OCCASIONAL USE (WEEKLY)

REGULAR USE (DAILY)

SELF-TAUGHT

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
51.73%	52.20%	51.67%
90 Min	74 Min	52Min

SELF-TAUGHT

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
63.21%	65.19%	62.98%
68 Min	68 Min	65 Min

ASIA

60.64% IN 73 MIN

ARCHITECT

FORMAL EDUCATION

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
56.14%	58.54%	56.67%
72 Min	58 Min	72 Min

FORMAL EDUCATION

1-5 Yrs Experience	6-10 Yrs Experience	11-15 Yrs Experience
62.22%	60.10%	61.48%
75 Min	66 Min	72 Min

REVIT ARCHITECTURE - PRIMARY LEARNING METHOD ANALYSIS

AVG OVERALL SCORE 67.47% IN 65 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
United States	70.48	71.42	65.50	66.60
United Kingdom	70.60	70.51	68.57	68.90
Australia	71.33	72.39	70.64	67.73
India	56.33	57.60	58.70	54.91
Canada	66.25	69.02	66.95	67.53
United Arab Emirates	62.85	65.15	63.40	64.30
Singapore	69.53	69.93		69.27
New Zealand	70.92	70.17		67.66
South Africa	70.82	69.16		66.15
Vietnam	73.54	71.93	69.83	73.85

Average of score

School/College/University 24.53%

Formal training 25.17%

On the job/Self taught 25.66%

Online/web based training 24.64%

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FREQUENCY OF USE AND JOB TITLE ANALYSIS

AVERAGE OVERALL SCORE 67.47% IN 65 MIN

AVERAGE ASSESSMENT SCORE PER JOB TITLE GROUPED BY FREQUENCY OF USE

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

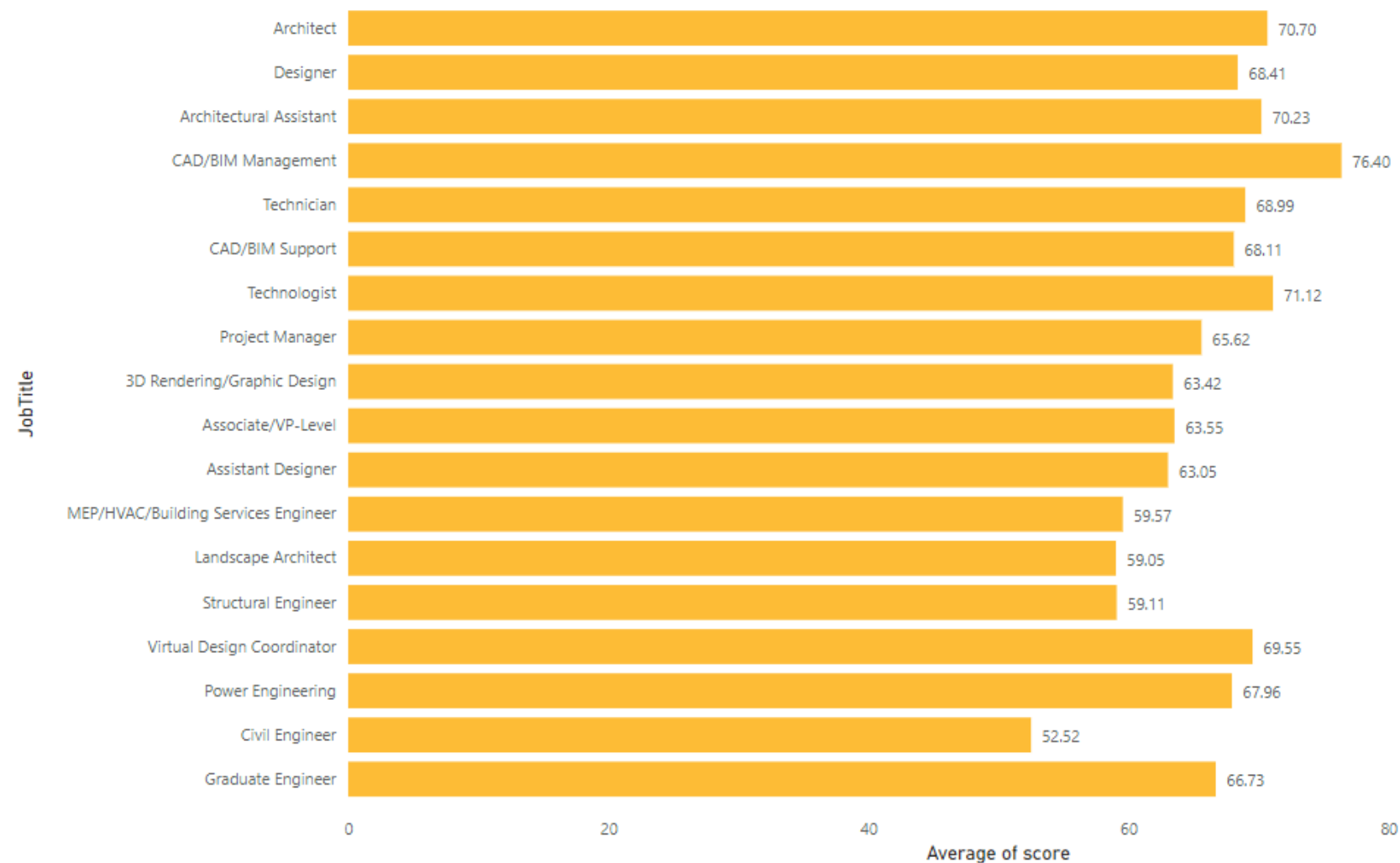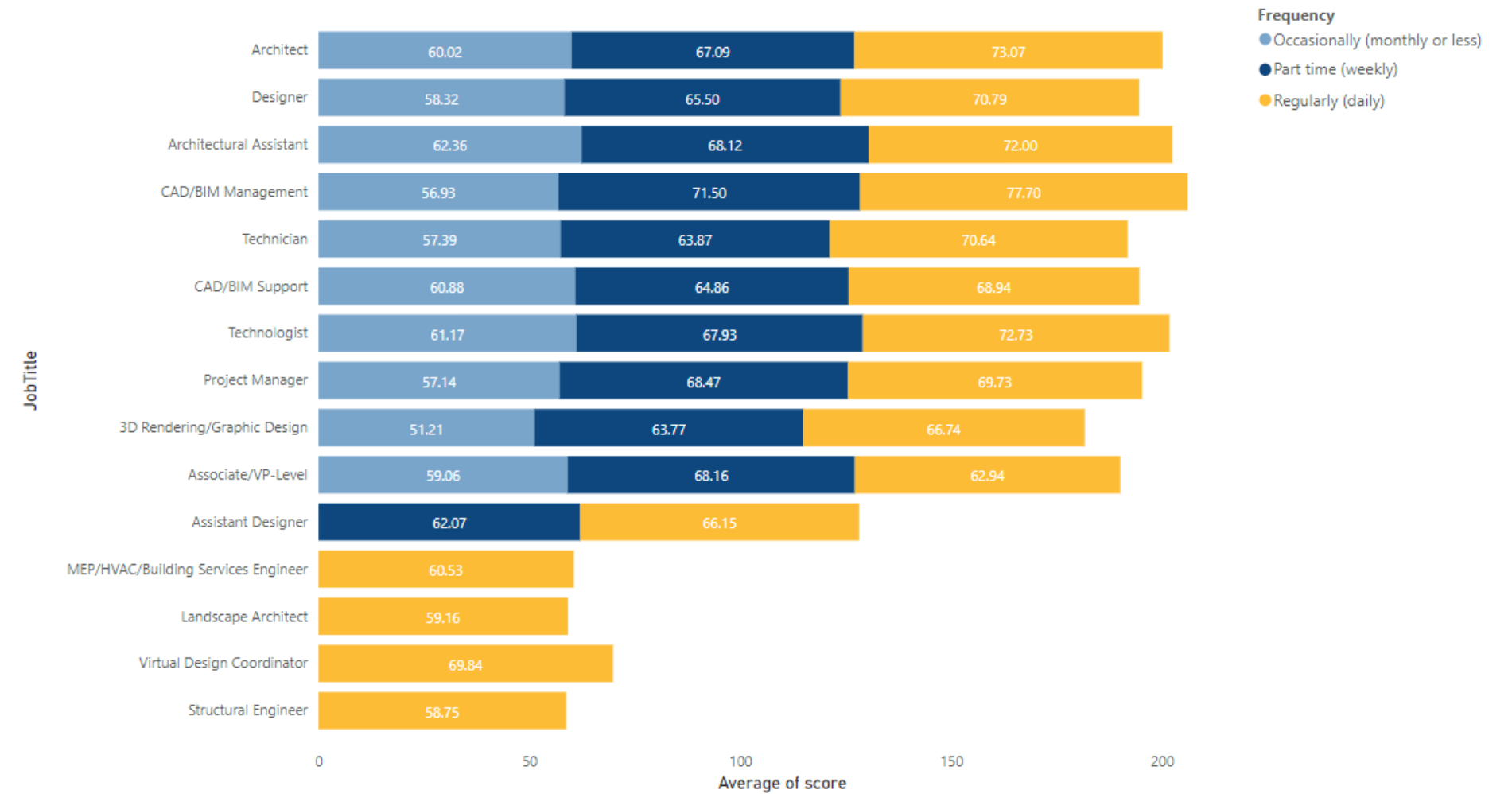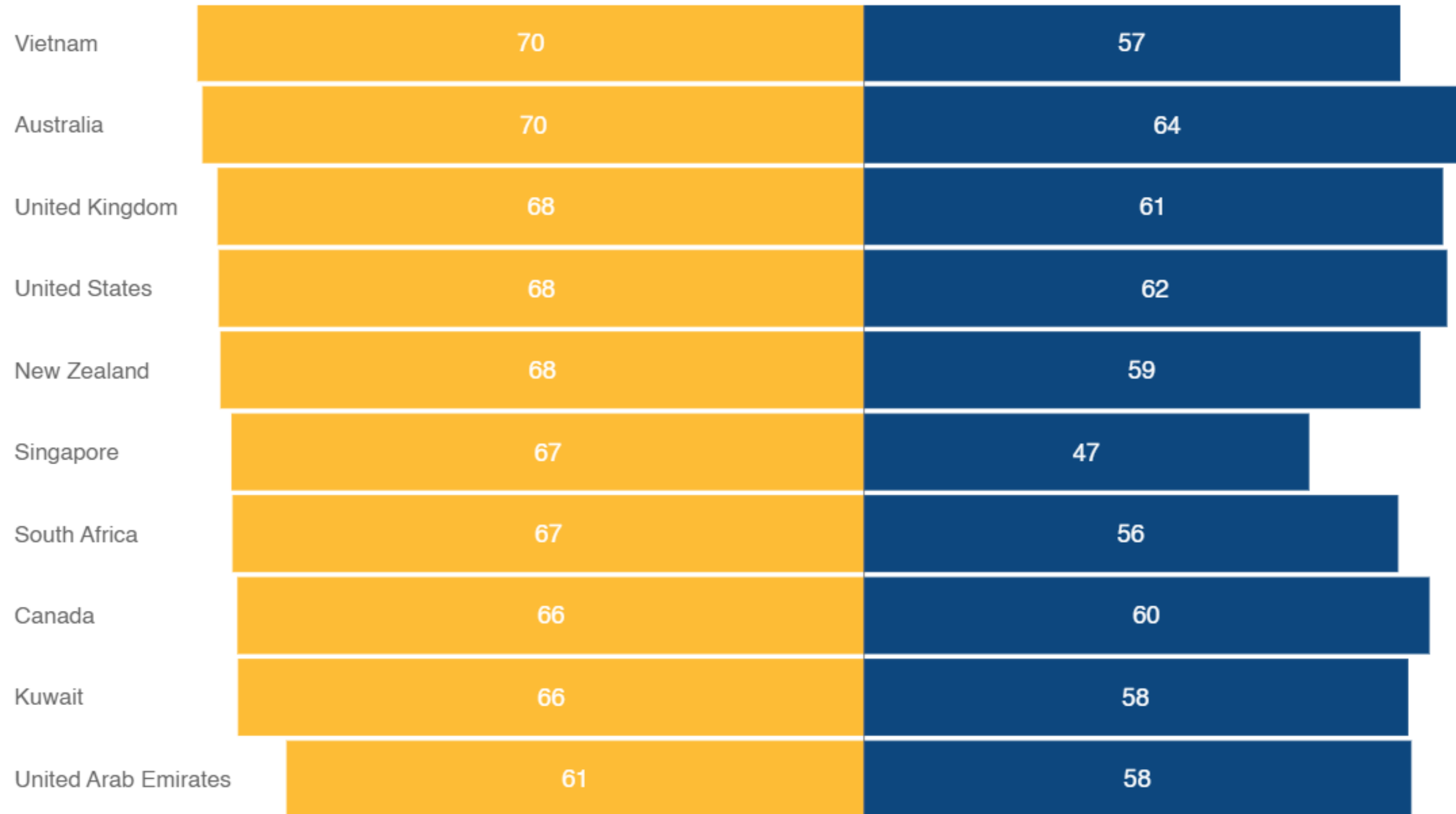| JobTitle	Occasionally	Part time	Regularly
Architect	60.02	67.09	73.07
Designer	58.32	65.50	70.79
Architectural Assistant	62.36	68.12	72.00
CAD/BIM Management	56.93	71.50	77.70
Technician	57.39	63.87	70.64
CAD/BIM Support	60.88	64.86	68.94
Technologist	61.17	67.93	72.73
Project Manager	57.14	68.47	69.73
3D Rendering/Graphic Design	51.21	63.77	66.74
Associate/VP-Level	59.06	68.16	62.94
Assistant Designer		62.07	66.15
MEP/HVAC/Building Services Engineer			60.53
Landscape Architect			59.16
Virtual Design Coordinator			69.84
Structural Engineer			58.75

Average of score

AVERAGE ASSESSMENT SCORE PER JOB TITLE SORTED BY # OF ASSESSMENTS

JobTitle	Average of score
Architect	70.70
Designer	68.41
Architectural Assistant	70.23
CAD/BIM Management	76.40
Technician	68.99
CAD/BIM Support	68.11
Technologist	71.12
Project Manager	65.62
3D Rendering/Graphic Design	63.42
Associate/VP-Level	63.55
Assistant Designer	63.05
MEP/HVAC/Building Services Engineer	59.57
Landscape Architect	59.05
Structural Engineer	59.11
Virtual Design Coordinator	69.55
Power Engineering	67.96
Civil Engineer	52.52
Graduate Engineer	66.73

Average of score

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

AVERAGE OVERALL SCORE 67.47% IN 65 MIN

Country	Average Score	Self-Rating
Vietnam	70	57
Australia	70	64
United Kingdom	68	61
United States	68	62
New Zealand	68	59
Singapore	67	47
South Africa	67	56
Canada	66	60
Kuwait	66	58
United Arab Emirates	61	58