



TrendBurden: Pulse Survey on Excessive Documentation Burden for Health Professionals[©]

Strachna, O.; Boverter, E.; Wolski, P.; Mishra, A.; AMIA 25x5 Task Force.
TrendBurden: Pulse Survey on Excessive Documentation Burden for Health Professionals[©] Database (versions 1.0, 1.5, 2.0). AMIA.org 2025.

Acknowledgments:

The development of the TrendBurden Survey was made possible through the collaborative efforts of the following contributors, whose expertise and commitment were instrumental in shaping the tool: E. A. Sloss, A. Owoyemi, A. K. Mishra, K. Sidwell, S. Abdul, G. Dawood, M. Allen, D. Austria, Z. Pope, F. Chekeni, S. Corley, A. Grigg, V. Hartman, K. B. Johnson, D. R. Levy, K. Marshall, J. Murphy, B. Newman, T. Phillips, K. Smith, J. Szymanski, and S. Rossetti.

We acknowledge the AMIA 25x5 Impact Workstream for their guidance and continued support in administering and maintaining the TrendBurden Survey.

TrendBurden: Pulse Survey

Survey to track and trend changes over time

April 2024 – 1,253 responses

September 2024 – 706 responses

April 2025 – 515 responses

September 2025 – 345 responses

June 2026 – 308 responses

Demographics available: Gender, Age, Years of Experience,
Clinical Role, Region



TrendBurden: Pulse Survey



Q1: The amount of **time and effort** I spend documenting patient care **is appropriate**.

Strongly agree = 5; Agree = 4; Neither agree nor disagree = 3; Disagree = 2; Strongly disagree = 1



Q2: I finish **work later** than desired or need to do **work at home** because of **excessive documentation** tasks.

Strongly disagree = 5; Disagree = 4; Neither agree nor disagree = 3; Agree = 2; Strongly agree = 1



Q3: In the past 6 months, there has been a **noticeable change** in the **time or effort or both** needed for me to complete my documentation tasks.

Greatly Decreased = 5; Somewhat Decreased = 4; Unchanged = 3; Somewhat Increased = 2; Greatly Increased = 1



Q4: The **effort or time** required for me to complete documentation tasks **impedes patient care**.

Strongly disagree = 5; Disagree = 4; Neither agree nor disagree = 3; Agree = 2; Strongly agree = 1



Q5: I find it **easy to document** patient care using the electronic health record.

Strongly agree = 5; Agree = 4; Neither agree nor disagree = 3; Disagree = 2; Strongly disagree = 1



Q6: In the last 12 months, **AI-based tools have influenced** a noticeable change in my **time or effort** for documentation tasks.

Greatly Decreased = 5; Somewhat Decreased = 4; Unchanged = 3; Somewhat Increased = 2; Greatly Increased = 1

1-5 Score range (Higher is better)
Broken down by: Gender, Age, Years of Experience, Clinical Role, Region
*Demographic categories with fewer than 20 participants were excluded from the analysis

Responses to TrendBurden Pulse Survey

Q1: Time and Effort



Q2: Working Late



Q3: Change in Time or Effort



Q4: Impeding Patient Care



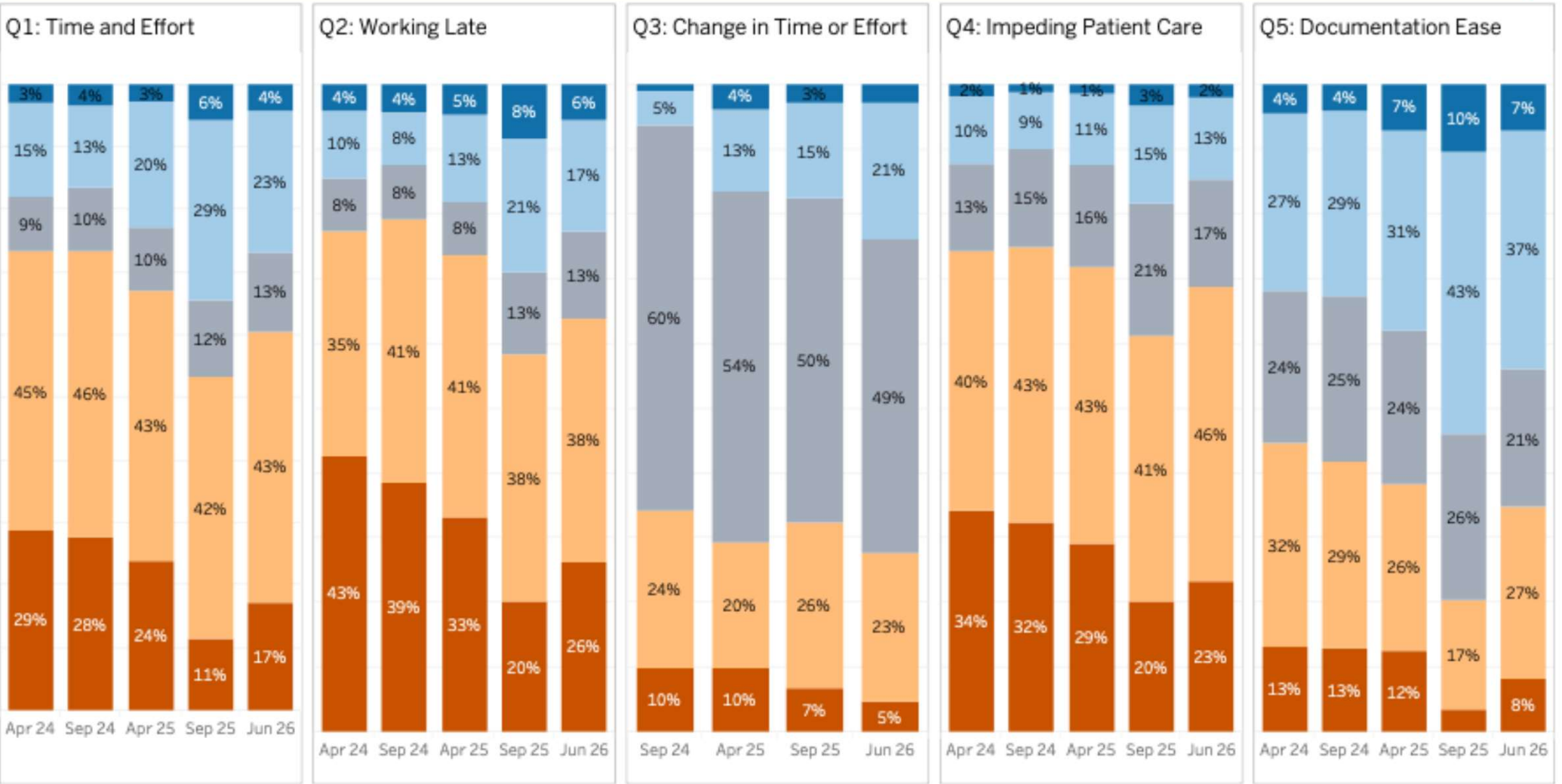
Q5: Documentation Ease



Overall Summary

	Measure Values				
	1.00				5.00
	April 2024	September 2024	April 2025	September 2025	June 2026
Q1 score	2.19	2.19	2.35	2.76	2.54
Q2 score	1.98	1.99	2.16	2.59	2.38
Q3 score	2.29	2.51	2.59	2.69	2.76
Q4 score	2.05	2.04	2.13	2.40	2.25
Q5 score	2.79	2.82	2.94	3.41	3.08

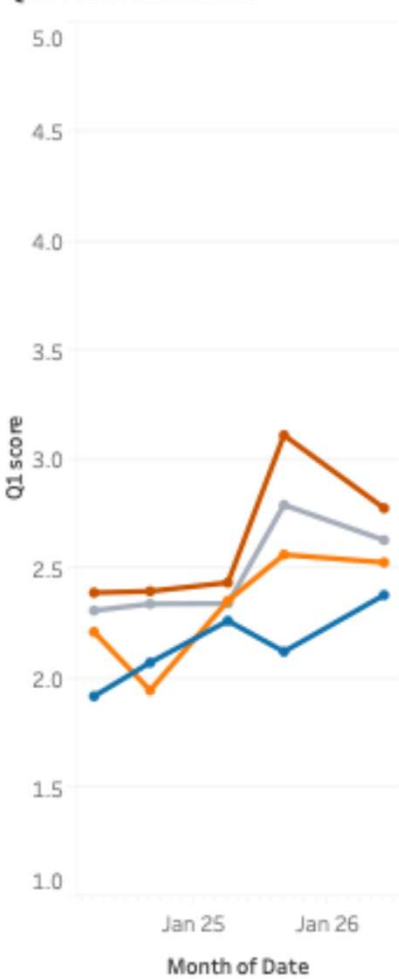
Discrete Responses | TrendBurden Pulse Survey



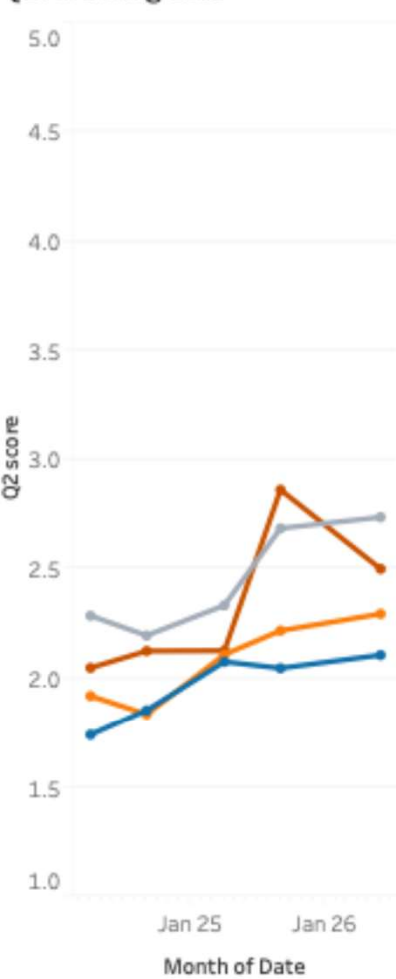
Responses by Role | TrendBurden Pulse Survey



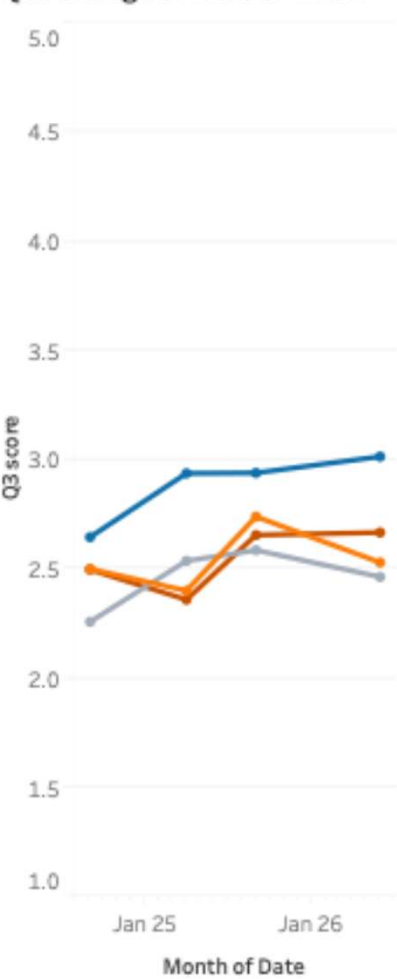
Q1: Time and Effort



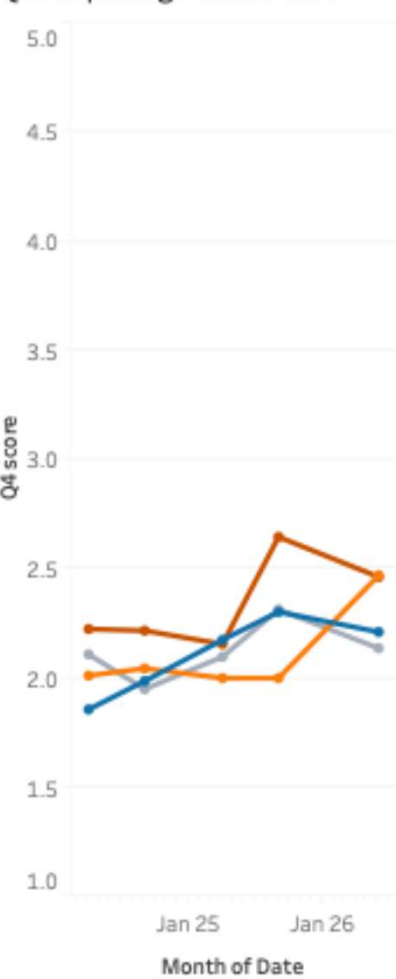
Q2: Working Late



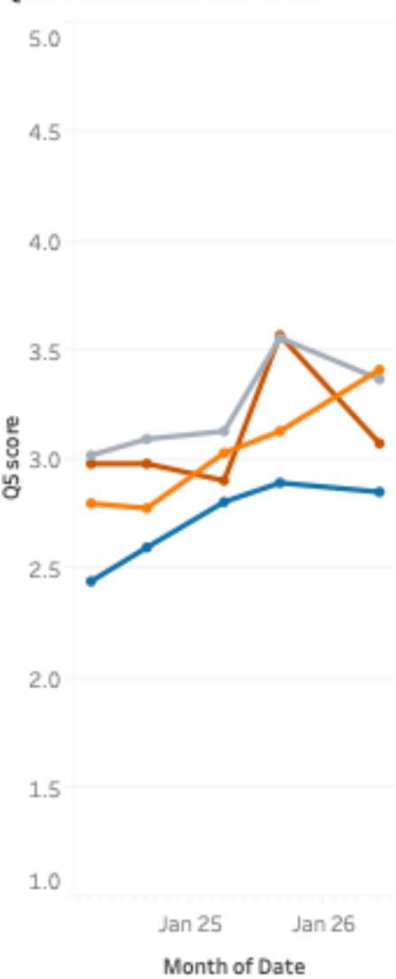
Q3: Change in Time or Effort



Q4: Impeding Patient Care

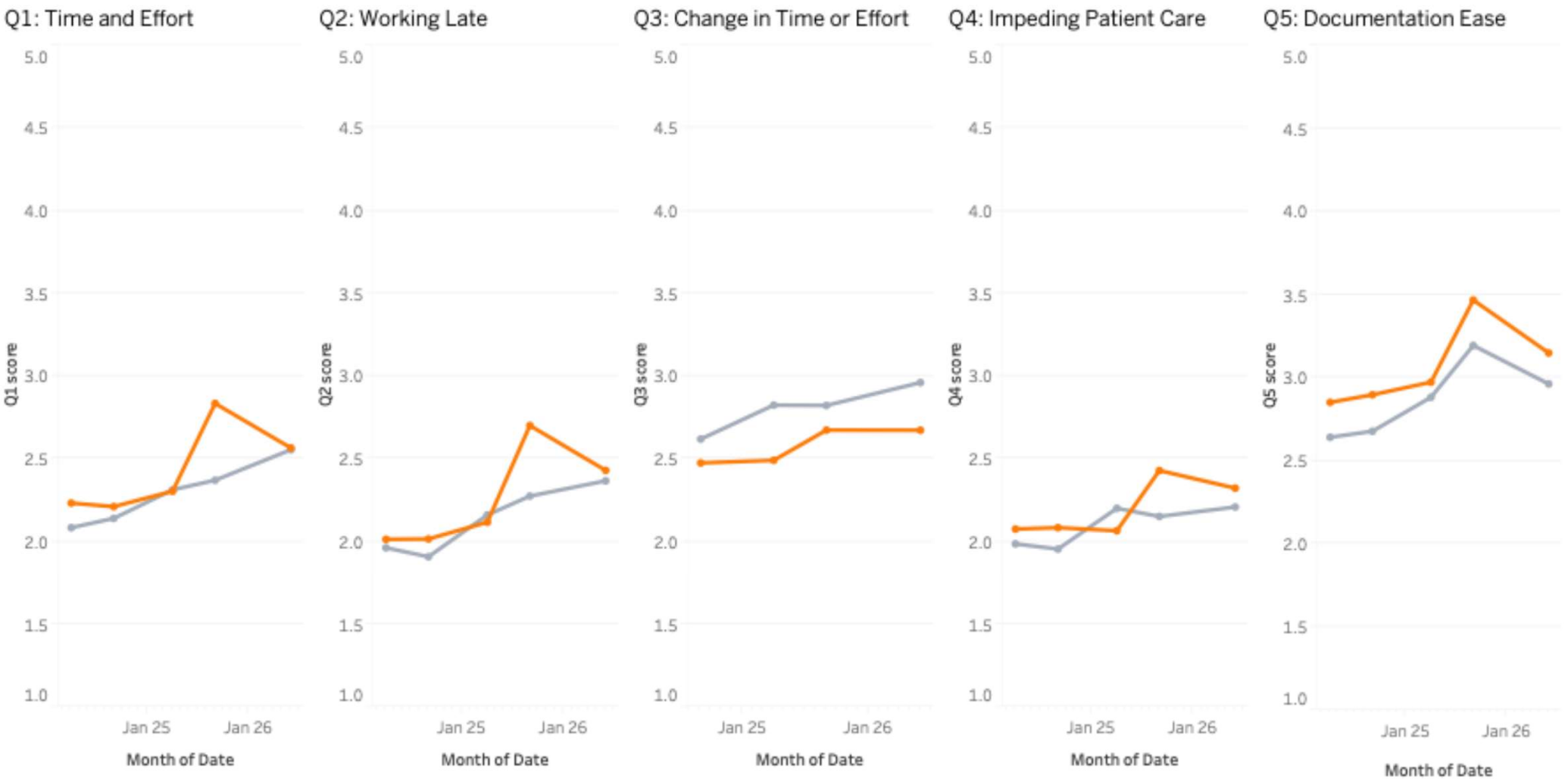


Q5: Documentation Ease

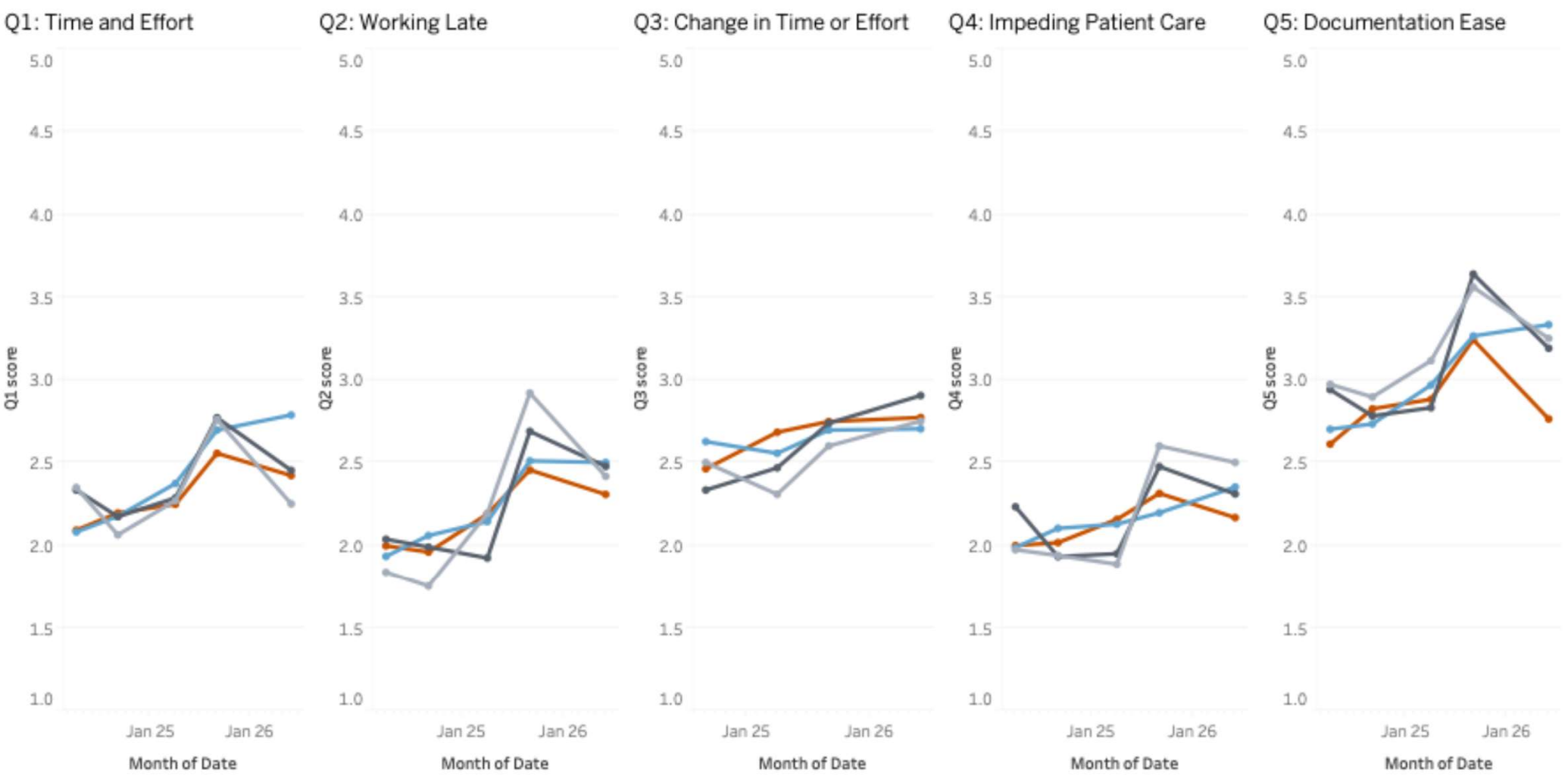


Responses by Gender | TrendBurden Pulse Survey

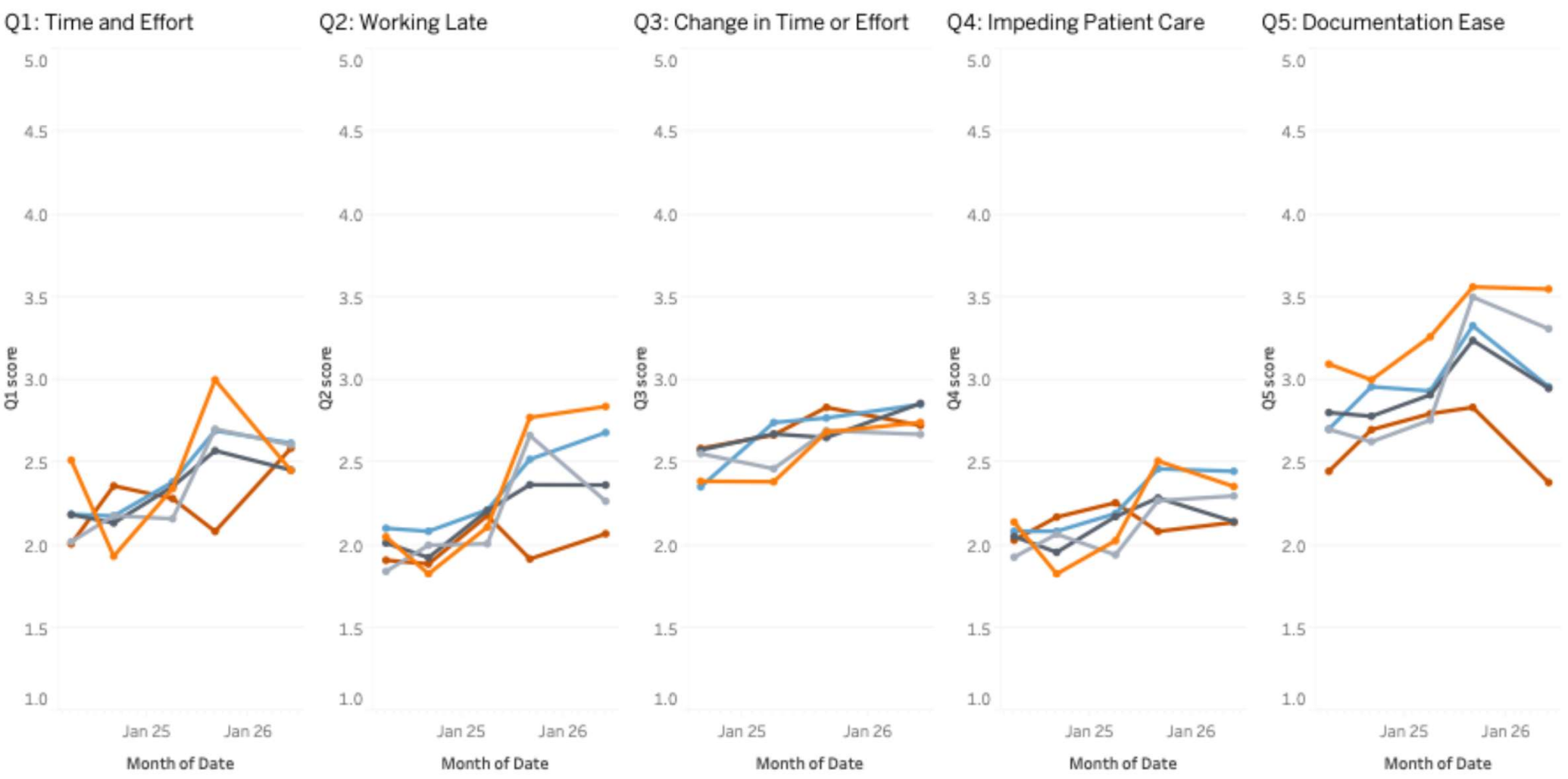
Gender
Female Male



Responses by Years of Experience | TrendBurden Pulse Survey



Responses by Age | TrendBurden Pulse Survey

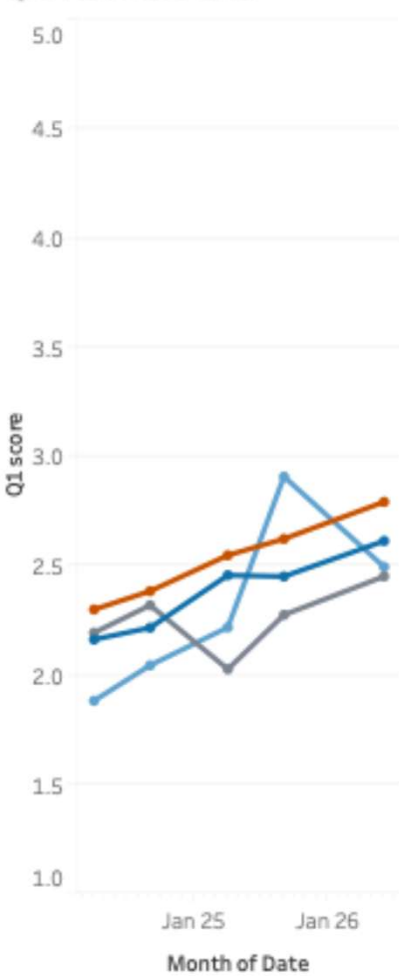


Responses by Region | TrendBurden Pulse Survey

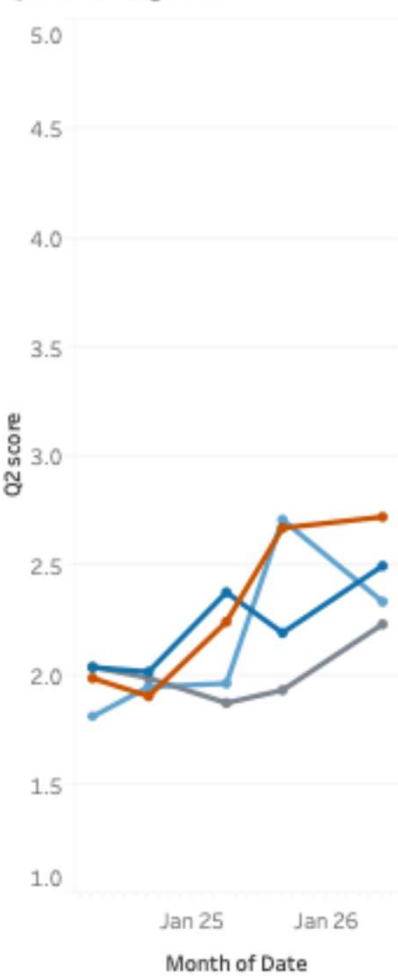
Work Location Region

- Midwest
- Northeast
- South
- West

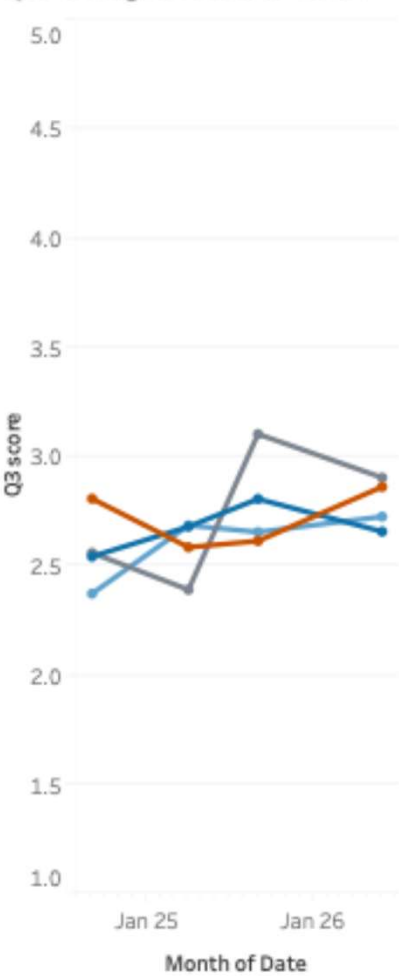
Q1: Time and Effort



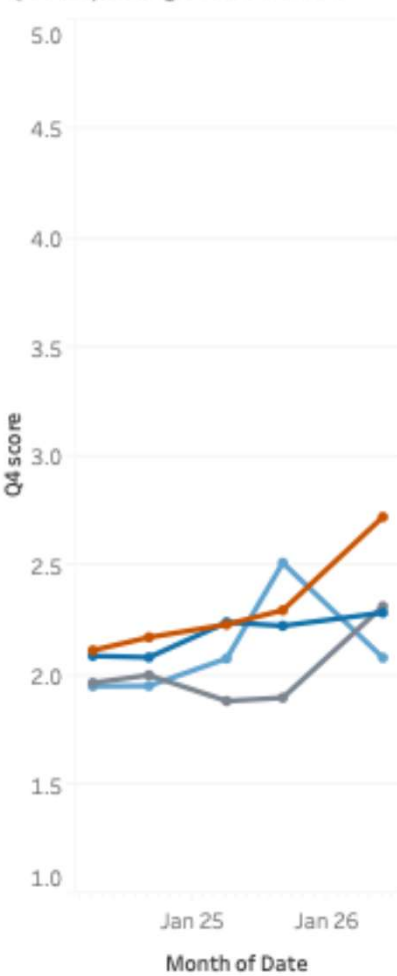
Q2: Working Late



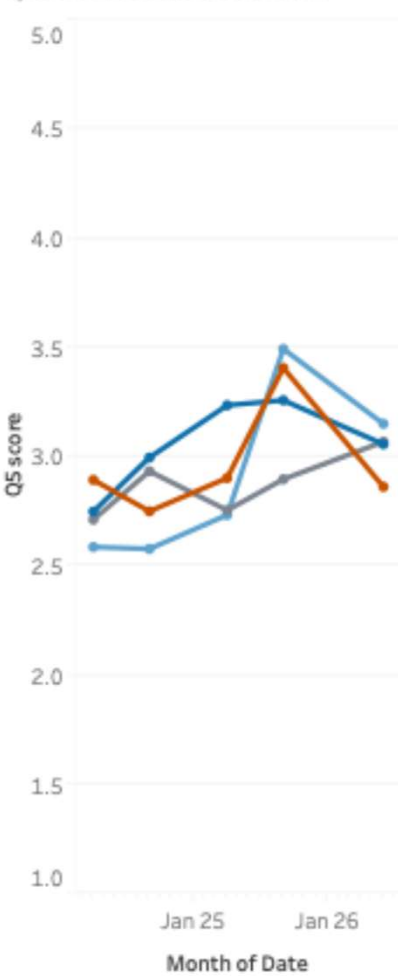
Q3: Change in Time or Effort



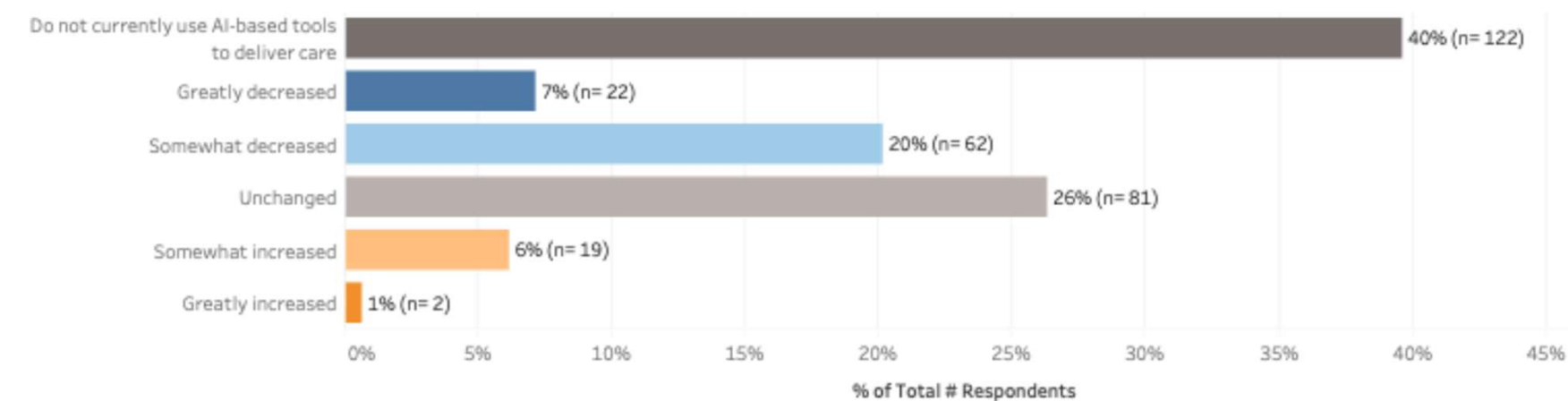
Q4: Impeding Patient Care



Q5: Documentation Ease



Q6: In the last 12 months, **AI-based tools have influenced** a noticeable change in **my time or effort** for documentation tasks.



Q6: AI Based Documentation Influence

- Do not currently use AI-based tools to deliver care
- Greatly decreased
- Somewhat decreased
- Unchanged
- Somewhat increased
- Greatly increased

Overall Trend by Grouped Role

	Month of Date	Physicians	RN	NP-APN-PA	All Other Roles	Measure Values
						1.0 5.0
Q1 score	April 2024	1.92 (447)	2.31 (294)	2.21 (85)	2.39 (427)	
	September 2024	2.07 (296)	2.34 (159)	1.94 (90)	2.40 (161)	
	April 2025	2.26 (160)	2.34 (123)	2.35 (65)	2.44 (167)	
	September 2025	2.12 (66)	2.79 (140)	2.57 (23)	3.11 (116)	
	June 2026	2.38 (142)	2.63 (95)	2.53 (17)	2.78 (54)	
Q2 score	April 2024	1.74 (447)	2.29 (294)	1.92 (85)	2.05 (427)	
	September 2024	1.85 (296)	2.19 (159)	1.83 (90)	2.12 (161)	
	April 2025	2.08 (160)	2.33 (123)	2.11 (65)	2.13 (167)	
	September 2025	2.05 (66)	2.69 (140)	2.22 (23)	2.86 (116)	
	June 2026	2.11 (142)	2.74 (95)	2.29 (17)	2.50 (54)	
Q3 score	April 2024	2.09 (447)	2.51 (294)	2.39 (85)	2.32 (427)	
	September 2024	2.65 (296)	2.26 (159)	2.50 (90)	2.50 (161)	
	April 2025	2.94 (160)	2.54 (123)	2.40 (65)	2.36 (167)	
	September 2025	2.94 (66)	2.59 (140)	2.74 (23)	2.66 (116)	
	June 2026	3.01 (142)	2.46 (95)	2.53 (17)	2.67 (54)	
Q4 score	April 2024	1.86 (447)	2.11 (294)	2.01 (85)	2.22 (427)	
	September 2024	1.99 (296)	1.95 (159)	2.04 (90)	2.22 (161)	
	April 2025	2.18 (160)	2.10 (123)	2.00 (65)	2.16 (167)	
	September 2025	2.30 (66)	2.31 (140)	2.00 (23)	2.65 (116)	
	June 2026	2.21 (142)	2.14 (95)	2.47 (17)	2.46 (54)	
Q5 score	April 2024	2.44 (447)	3.02 (294)	2.80 (85)	2.98 (427)	
	September 2024	2.60 (296)	3.09 (159)	2.78 (90)	2.98 (161)	
	April 2025	2.81 (160)	3.13 (123)	3.03 (65)	2.90 (167)	
	September 2025	2.89 (66)	3.56 (140)	3.13 (23)	3.57 (116)	
	June 2026	2.85 (142)	3.37 (95)	3.41 (17)	3.07 (54)	

Overall Trend by Gender

	Month of Date	Female	Male	Measure Values
Q1 score	April 2024	2.23 (805)	2.09 (342)	 1.0 5.0
	September 2024	2.21 (423)	2.15 (205)	
	April 2025	2.28 (316)	2.29 (133)	
	September 2025	2.86 (222)	2.39 (74)	
	June 2026	2.56 (180)	2.53 (105)	
Q2 score	April 2024	2.01 (805)	1.96 (342)	
	September 2024	2.01 (423)	1.91 (205)	
	April 2025	2.12 (316)	2.14 (133)	
	September 2025	2.69 (222)	2.30 (74)	
	June 2026	2.42 (180)	2.34 (105)	
Q3 score	April 2024	2.32 (805)	2.19 (342)	
	September 2024	2.48 (423)	2.63 (205)	
	April 2025	2.49 (316)	2.81 (133)	
	September 2025	2.68 (222)	2.81 (74)	
	June 2026	2.66 (180)	2.94 (105)	
Q4 score	April 2024	2.08 (805)	1.98 (342)	
	September 2024	2.09 (423)	1.96 (205)	
	April 2025	2.06 (316)	2.20 (133)	
	September 2025	2.43 (222)	2.15 (74)	
	June 2026	2.31 (180)	2.21 (105)	
Q5 score	April 2024	2.85 (805)	2.64 (342)	
	September 2024	2.90 (423)	2.68 (205)	
	April 2025	2.96 (316)	2.89 (133)	
	September 2025	3.46 (222)	3.22 (74)	
	June 2026	3.14 (180)	2.93 (105)	

Overall Trend by Years of Experience

	Month of Date	Less than 1 year	1-2 years	3-5 years	6-10 years	11-20 years	21 years or more	Measure Values
								1.0 5.0
Q1 score	April 2024	2.78 (9)	2.58 (48)	2.34 (112)	2.34 (175)	2.09 (343)	2.09 (480)	
	September 2024	2.30 (10)	1.80 (10)	2.12 (51)	2.22 (97)	2.17 (215)	2.19 (270)	
	April 2025	2.80 (20)	2.00 (11)	2.32 (28)	2.27 (81)	2.35 (129)	2.23 (191)	
	September 2025	4.00 (3)	3.75 (8)	2.85 (27)	2.80 (65)	2.70 (102)	2.56 (99)	
	June 2026	1.67 (3)	2.50 (4)	2.23 (13)	2.45 (42)	2.78 (112)	2.40 (117)	
Q2 score	April 2024	2.78 (9)	1.98 (48)	1.85 (112)	2.02 (175)	1.94 (343)	1.99 (480)	
	September 2024	1.70 (10)	1.70 (10)	1.78 (51)	1.99 (97)	2.05 (215)	1.96 (270)	
	April 2025	2.70 (20)	1.45 (11)	2.14 (28)	1.95 (81)	2.14 (129)	2.17 (191)	
	September 2025	3.00 (3)	3.63 (8)	2.89 (27)	2.69 (65)	2.51 (102)	2.45 (99)	
	June 2026	1.33 (3)	2.00 (4)	2.38 (13)	2.48 (42)	2.50 (112)	2.28 (117)	
Q3 score	April 2024	2.22 (9)	2.31 (48)	2.27 (112)	2.35 (175)	2.28 (343)	2.24 (480)	
	September 2024	2.20 (10)	2.90 (10)	2.53 (51)	2.35 (97)	2.62 (215)	2.47 (270)	
	April 2025	2.95 (20)	2.36 (11)	2.32 (28)	2.47 (81)	2.55 (129)	2.68 (191)	
	September 2025	2.67 (3)	2.75 (8)	2.63 (27)	2.74 (65)	2.70 (102)	2.75 (99)	
	June 2026	2.67 (3)	2.75 (4)	2.69 (13)	2.90 (42)	2.70 (112)	2.75 (117)	
Q4 score	April 2024	2.56 (9)	2.10 (48)	1.99 (112)	2.23 (175)	1.98 (343)	2.00 (480)	
	September 2024	2.10 (10)	1.70 (10)	1.94 (51)	1.96 (97)	2.11 (215)	2.01 (270)	
	April 2025	2.45 (20)	1.91 (11)	1.89 (28)	1.94 (81)	2.13 (129)	2.16 (191)	
	September 2025	3.00 (3)	3.00 (8)	2.59 (27)	2.46 (65)	2.20 (102)	2.31 (99)	
	June 2026	1.33 (3)	2.25 (4)	2.46 (13)	2.31 (42)	2.37 (112)	2.15 (117)	
Q5 score	April 2024	3.33 (9)	3.31 (48)	2.98 (112)	2.94 (175)	2.70 (343)	2.61 (480)	
	September 2024	3.50 (10)	2.80 (10)	2.92 (51)	2.81 (97)	2.74 (215)	2.81 (270)	
	April 2025	3.55 (20)	3.09 (11)	3.14 (28)	2.85 (81)	2.95 (129)	2.87 (191)	
	September 2025	3.67 (3)	4.00 (8)	3.59 (27)	3.63 (65)	3.26 (102)	3.24 (99)	
	June 2026	3.67 (3)	3.00 (4)	3.15 (13)	3.19 (42)	3.33 (112)	2.74 (117)	

Overall Trend by Age Group

	Month of Date	25-34	35-44	45-54	55-64	65+	Measure Values
Q1 score	April 2024	2.51 (180)	2.04 (297)	2.18 (310)	2.19 (228)	2.01 (132)	
	September 2024	2.01 (82)	2.17 (188)	2.15 (193)	2.16 (122)	2.39 (54)	
	April 2025	2.35 (77)	2.14 (124)	2.35 (110)	2.35 (92)	2.24 (41)	
	September 2025	3.05 (59)	2.74 (107)	2.57 (63)	2.69 (52)	2.08 (12)	
	June 2026	2.44 (32)	2.60 (97)	2.45 (78)	2.62 (47)	2.53 (30)	
Q2 score	April 2024	2.04 (180)	1.84 (297)	2.02 (310)	2.10 (228)	1.91 (132)	
	September 2024	1.84 (82)	1.97 (188)	1.93 (193)	2.07 (122)	1.93 (54)	
	April 2025	2.09 (77)	2.02 (124)	2.21 (110)	2.20 (92)	2.12 (41)	
	September 2025	2.78 (59)	2.67 (107)	2.37 (63)	2.52 (52)	1.92 (12)	
	June 2026	2.81 (32)	2.27 (97)	2.36 (78)	2.68 (47)	2.03 (30)	
Q3 score	April 2024	2.38 (180)	2.25 (297)	2.30 (310)	2.29 (228)	2.08 (132)	
	September 2024	2.38 (82)	2.56 (188)	2.59 (193)	2.37 (122)	2.61 (54)	
	April 2025	2.40 (77)	2.45 (124)	2.67 (110)	2.72 (92)	2.71 (41)	
	September 2025	2.69 (59)	2.69 (107)	2.65 (63)	2.77 (52)	2.83 (12)	
	June 2026	2.72 (32)	2.66 (97)	2.85 (78)	2.85 (47)	2.73 (30)	
Q4 score	April 2024	2.14 (180)	1.94 (297)	2.04 (310)	2.09 (228)	2.03 (132)	
	September 2024	1.83 (82)	2.06 (188)	1.97 (193)	2.07 (122)	2.20 (54)	
	April 2025	2.03 (77)	1.94 (124)	2.17 (110)	2.16 (92)	2.32 (41)	
	September 2025	2.53 (59)	2.27 (107)	2.29 (63)	2.46 (52)	2.08 (12)	
	June 2026	2.34 (32)	2.31 (97)	2.14 (78)	2.45 (47)	2.10 (30)	
Q5 score	April 2024	3.09 (180)	2.70 (297)	2.81 (310)	2.71 (228)	2.45 (132)	
	September 2024	3.04 (82)	2.64 (188)	2.78 (193)	2.93 (122)	2.74 (54)	
	April 2025	3.27 (77)	2.75 (124)	2.91 (110)	2.91 (92)	2.80 (41)	
	September 2025	3.54 (59)	3.52 (107)	3.24 (63)	3.33 (52)	2.83 (12)	
	June 2026	3.50 (32)	3.31 (97)	2.94 (78)	2.96 (47)	2.33 (30)	

Overall Trend by Region

	Month of Date	Midwest	Northeast	South	West	Measure Values
Q1 score	April 2024	2.30 (423)	2.16 (227)	2.19 (340)	1.88 (179)	
	September 2024	2.38 (52)	2.22 (258)	2.32 (75)	2.05 (244)	
	April 2025	2.55 (82)	2.46 (153)	2.03 (110)	2.22 (105)	
	September 2025	2.62 (101)	2.45 (31)	2.28 (29)	2.91 (142)	
	June 2026	2.79 (29)	2.61 (70)	2.45 (73)	2.50 (113)	
Q2 score	April 2024	1.99 (423)	2.04 (227)	2.04 (340)	1.81 (179)	
	September 2024	1.90 (52)	2.02 (258)	1.99 (75)	1.95 (244)	
	April 2025	2.24 (82)	2.38 (153)	1.87 (110)	1.96 (105)	
	September 2025	2.67 (101)	2.19 (31)	1.93 (29)	2.71 (142)	
	June 2026	2.72 (29)	2.50 (70)	2.23 (73)	2.34 (113)	
Q3 score	April 2024	2.29 (423)	2.36 (227)	2.25 (340)	2.09 (179)	
	September 2024	2.81 (52)	2.54 (258)	2.56 (75)	2.37 (244)	
	April 2025	2.59 (82)	2.68 (153)	2.39 (110)	2.69 (105)	
	September 2025	2.61 (101)	2.81 (31)	3.10 (29)	2.65 (142)	
	June 2026	2.86 (29)	2.66 (70)	2.90 (73)	2.73 (113)	
Q4 score	April 2024	2.11 (423)	2.09 (227)	1.96 (340)	1.95 (179)	
	September 2024	2.17 (52)	2.08 (258)	2.00 (75)	1.95 (244)	
	April 2025	2.23 (82)	2.24 (153)	1.88 (110)	2.08 (105)	
	September 2025	2.30 (101)	2.23 (31)	1.90 (29)	2.51 (142)	
	June 2026	2.72 (29)	2.29 (70)	2.32 (73)	2.08 (113)	
Q5 score	April 2024	2.89 (423)	2.75 (227)	2.71 (340)	2.59 (179)	
	September 2024	2.75 (52)	3.00 (258)	2.93 (75)	2.58 (244)	
	April 2025	2.90 (82)	3.24 (153)	2.75 (110)	2.73 (105)	
	September 2025	3.41 (101)	3.26 (31)	2.90 (29)	3.49 (142)	
	June 2026	2.86 (29)	3.06 (70)	3.07 (73)	3.15 (113)	

Overall Trend by Region

Region average by state averages

	Month of Date	Midwest	Northeast	South	West	Measure Values
Q1 Score	April 2024	2.1 (423)	2.0 (227)	2.2 (340)	2.2 (179)	 1.0 5.0
	September 2024	2.4 (52)	2.0 (258)	2.3 (75)	1.8 (244)	
	April 2025	2.4 (82)	2.1 (153)	2.1 (110)	2.1 (105)	
	September 2025	2.7 (101)	2.4 (31)	2.1 (29)	2.2 (142)	
	June 2026	3.1 (29)	2.4 (70)	2.5 (73)	2.1 (113)	
Q2 Score	April 2024	1.9 (423)	1.9 (227)	1.9 (340)	1.7 (179)	
	September 2024	1.9 (52)	2.3 (258)	2.0 (75)	1.9 (244)	
	April 2025	2.2 (82)	2.1 (153)	1.9 (110)	1.9 (105)	
	September 2025	2.4 (101)	2.4 (31)	1.7 (29)	1.8 (142)	
	June 2026	2.8 (29)	2.5 (70)	2.3 (73)	1.9 (113)	
Q3 Score	April 2024	2.3 (423)	2.5 (227)	2.2 (340)	2.1 (179)	
	September 2024	2.8 (52)	2.8 (258)	2.6 (75)	2.8 (244)	
	April 2025	2.8 (82)	2.9 (153)	2.5 (110)	2.9 (105)	
	September 2025	2.6 (101)	2.8 (31)	3.1 (29)	2.4 (142)	
	June 2026	2.9 (29)	2.7 (70)	3.0 (73)	2.8 (113)	
Q4 Score	April 2024	1.9 (423)	2.1 (227)	1.9 (340)	2.2 (179)	
	September 2024	2.1 (52)	2.1 (258)	2.1 (75)	1.8 (244)	
	April 2025	2.3 (82)	2.2 (153)	1.9 (110)	1.9 (105)	
	September 2025	2.6 (101)	2.2 (31)	2.0 (29)	2.1 (142)	
	June 2026	2.9 (29)	2.3 (70)	2.3 (73)	2.0 (113)	
Q5 Score	April 2024	2.8 (423)	2.8 (227)	2.6 (340)	2.6 (179)	
	September 2024	2.7 (52)	3.0 (258)	2.9 (75)	2.2 (244)	
	April 2025	3.2 (82)	3.2 (153)	2.9 (110)	2.9 (105)	
	September 2025	3.3 (101)	3.2 (31)	2.7 (29)	2.7 (142)	
	June 2026	3.1 (29)	3.0 (70)	3.0 (73)	3.0 (113)	