



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

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TrendBurden: Pulse Survey on Excessive Documentation Burden for Health Professionals[©] Database (versions 1.0, 1.5, 2.0). AMIA.org 2025.

Acknowledgments:

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TrendBurden: Pulse Survey

April 2024 – 1,253 responses

September 2024 – 706 responses

April 2025 – 515 responses

Biannual survey to track and trend changes over time

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



TrendBurden: Pulse Survey

	Question	1	2	3	4	5
	Q1. The amount of time and effort I spend documenting patient care is appropriate .	<i>Strongly Disagree</i>	<i>Disagree</i>	<i>Neither agree nor disagree</i>	<i>Agree</i>	<i>Strongly Agree</i>
	Q2. I finish work later than desired or need to do work at home because of excessive documentation tasks.	<i>Strongly Agree</i>	<i>Agree</i>	<i>Neither agree nor disagree</i>	<i>Disagree</i>	<i>Strongly Disagree</i>
	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.	<i>Greatly increased</i>	<i>Somewhat increased</i>	<i>Unchanged</i>	<i>Somewhat decreased</i>	<i>Greatly decreased</i>
	Q4. The effort or time required for me to complete documentation tasks impedes patient care .	<i>Strongly Agree</i>	<i>Agree</i>	<i>Neither agree nor disagree</i>	<i>Disagree</i>	<i>Strongly Disagree</i>
	Q5. I find it easy to document patient care using the electronic health record.	<i>Strongly Disagree</i>	<i>Disagree</i>	<i>Neither agree nor disagree</i>	<i>Agree</i>	<i>Strongly Agree</i>

Reverse scoring performed for questions 2 and 4 so that higher scores correlate with more positive responses. Demographic categories with fewer than 20 participants were excluded from the analysis

Reverse Coding Applied for Consistent Interpretation

- To ensure consistency in interpretation, survey questions 2 and 4 were reverse coded.
- Original responses for these two items reflected higher burden with higher scores.
- Reverse coding was applied so that **higher scores uniformly indicate more favorable (less burdensome) responses** across all five questions.
- This adjustment enables easier comparison and interpretation across items.
- All data presented in the following slides reflect this reverse coding.**
- Throughout this presentation, remember: **higher = better** (less burden, more positive perception).

Original wording of Question 2: "The time and effort spent documenting patient care is appropriate."

Original wording of Question 4: "The documentation tasks required do not impede my ability to deliver patient care."

These items were reverse coded to align directionally with the other survey items, so that higher scores indicate more positive perceptions (i.e., less documentation burden).

Responses to TrendBurden Pulse Survey

Q1: Time and Effort



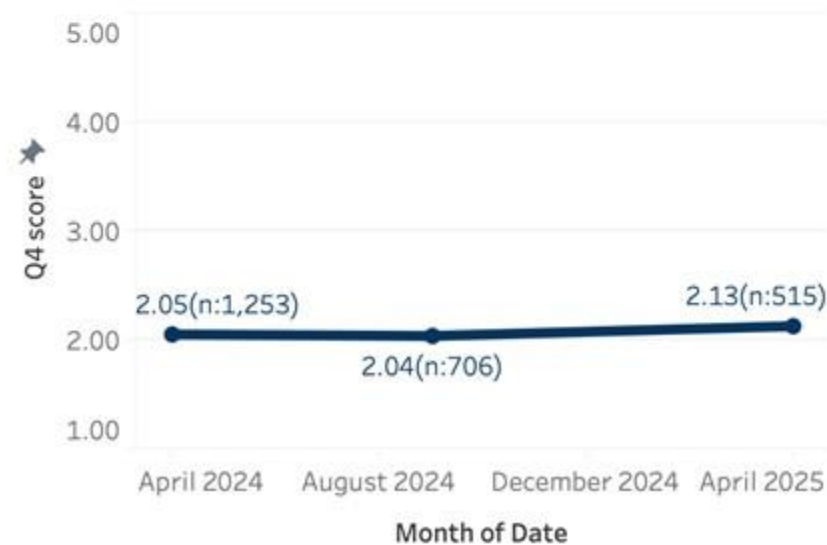
Q2 : Working Late



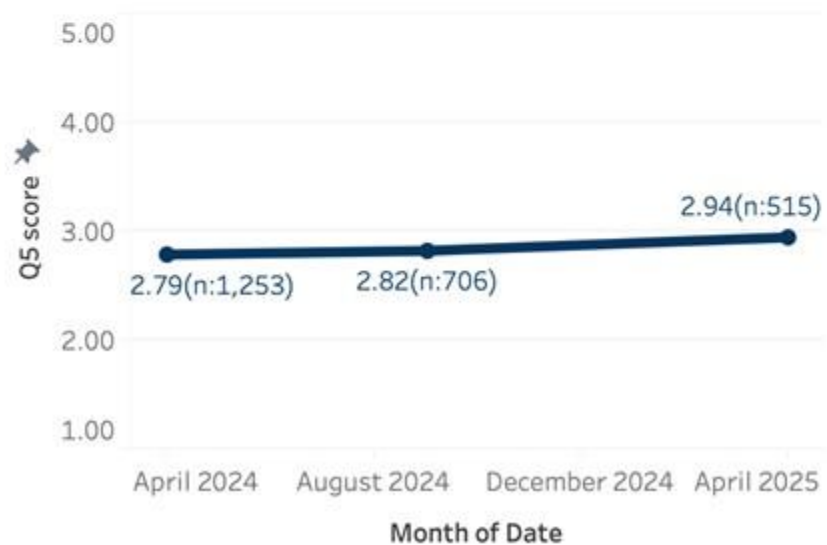
Q3 : Change in Time or Effort



Q4 : Impeding Patient Care



Q5 : Documentation Ease



Overall Summary

	Measure Values		
	1.000		5.000
	April 2024	September 2024	April 2025
Q1 score	2.19 (1,253)	2.19 (706)	2.35 (515)
Q2 score	1.98 (1,253)	1.99 (706)	2.16 (515)
Q3 score	2.29 (1,253)	2.51 (706)	2.59 (515)
Q4 score	2.05 (1,253)	2.04 (706)	2.13 (515)
Q5 score	2.79 (1,253)	2.82 (706)	2.94 (515)

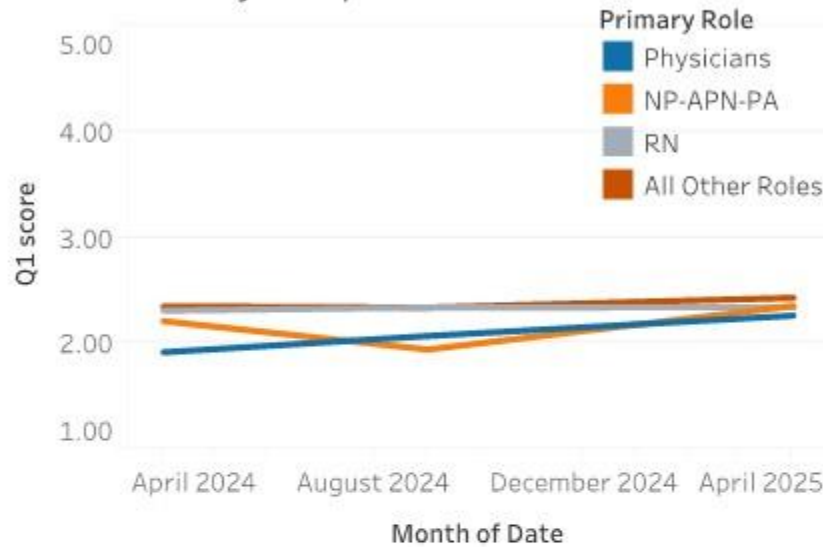
Q1. Responses to TrendBurden Pulse Survey

The amount of **time and effort** i spend documenting patient care is **appropriate**.

Overall Trend



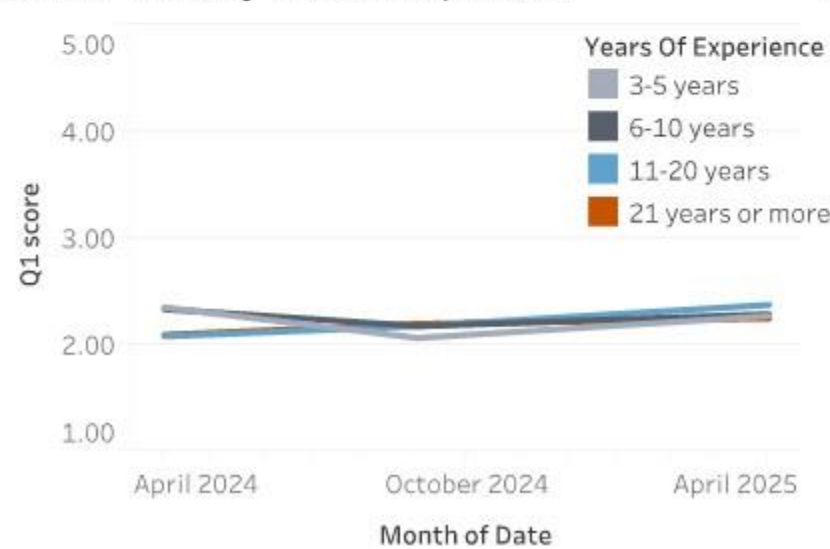
Overall Trend by Grouped Role



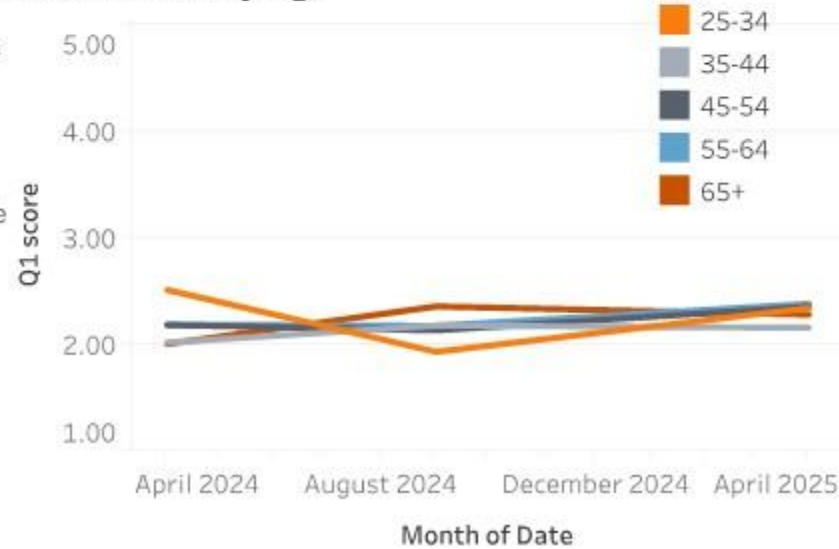
Overall Trend by Gender



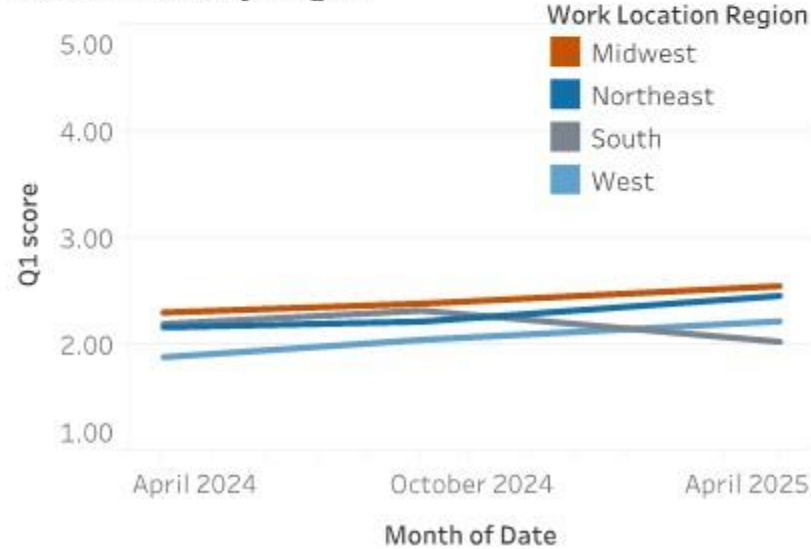
Overall Trend by Years of Experience



Overall Trend by Age



Overall Trend by Region



Q2. Responses to TrendBurden Pulse Survey

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



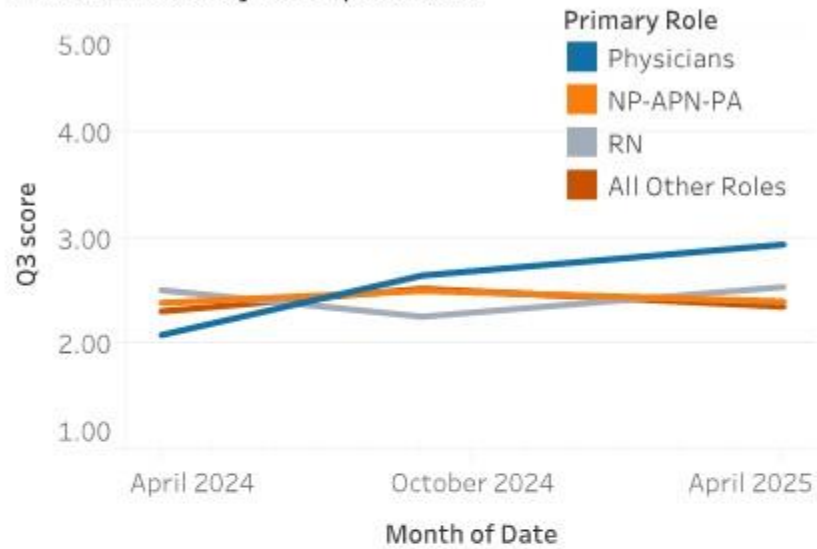
Q3. Responses to TrendBurden Pulse Survey

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.

Overall Trend



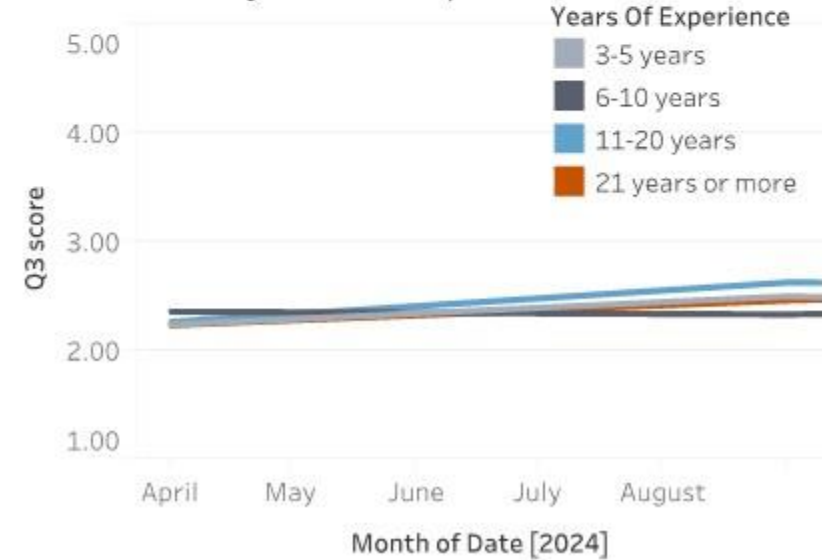
Overall Trend by Grouped Role



Overall Trend by Gender



Overall Trend by Years of Experience



Overall Trend by Age



Overall Trend by Region



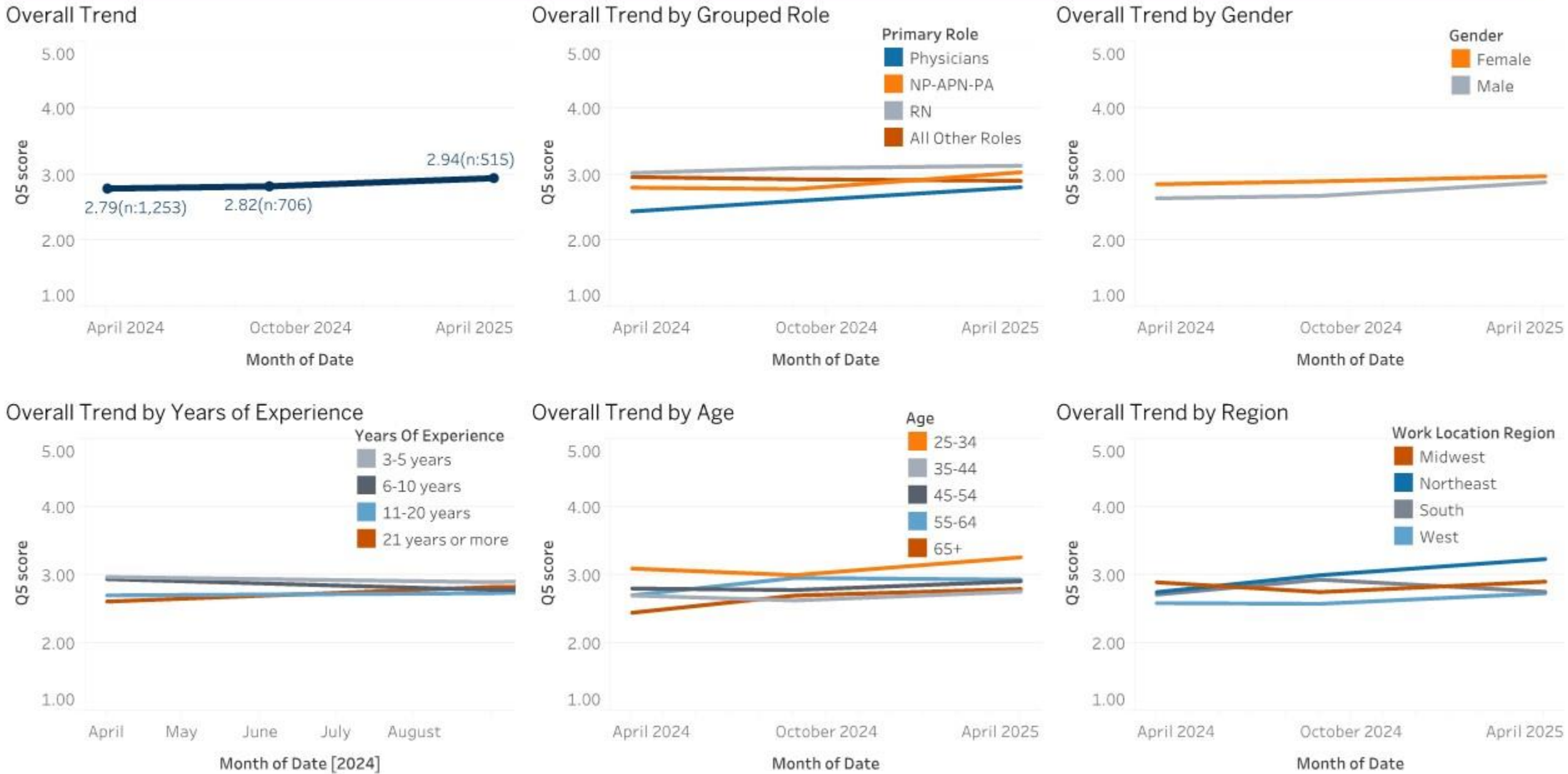
Q4. Responses to TrendBurden Pulse Survey

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



Q5. Responses to TrendBurden Pulse Survey

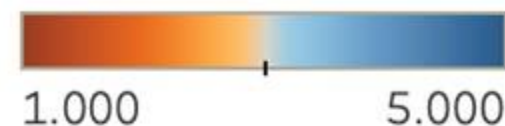
I find it easy to document patient care using the electronic health record.



Overall Trend by Grouped Role

	Month of Date	Physicians	RN	NP-APN-PA	All Other Roles
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)
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)
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)
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)
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)

Measure Values



Overall Trend by Gender

	Month of Date	Female	Male	Measure Values
Q1 score	April 2024	2.23 (805)	2.09 (342)	 1.000 5.000
	September 2024	2.21 (423)	2.15 (205)	
	April 2025	2.28 (316)	2.29 (133)	
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)	
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)	
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)	
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)	

Overall Trend by Years of Experience

	Month of Date	1-2 years	3-5 years	6-10 years	11-20 years	21 years or more	Measure Values
Q1 score	April 2024	2.58 (48)	2.34 (112)	2.34 (175)	2.09 (343)	2.09 (480)	 1.000 5.000
	September 2024	1.80 (10)	2.12 (51)	2.22 (97)	2.17 (215)	2.19 (270)	
	April 2025	2.00 (11)	2.32 (28)	2.27 (81)	2.35 (129)	2.23 (191)	
Q2 score	April 2024	1.98 (48)	1.85 (112)	2.02 (175)	1.94 (343)	1.99 (480)	
	September 2024	1.70 (10)	1.78 (51)	1.99 (97)	2.05 (215)	1.96 (270)	
	April 2025	1.45 (11)	2.14 (28)	1.95 (81)	2.14 (129)	2.17 (191)	
Q3 score	April 2024	2.31 (48)	2.27 (112)	2.35 (175)	2.28 (343)	2.24 (480)	
	September 2024	2.90 (10)	2.53 (51)	2.35 (97)	2.62 (215)	2.47 (270)	
	April 2025	2.36 (11)	2.32 (28)	2.47 (81)	2.55 (129)	2.68 (191)	
Q4 score	April 2024	2.10 (48)	1.99 (112)	2.23 (175)	1.98 (343)	2.00 (480)	
	September 2024	1.70 (10)	1.94 (51)	1.96 (97)	2.11 (215)	2.01 (270)	
	April 2025	1.91 (11)	1.89 (28)	1.94 (81)	2.13 (129)	2.16 (191)	
Q5 score	April 2024	3.31 (48)	2.98 (112)	2.94 (175)	2.70 (343)	2.61 (480)	
	September 2024	2.80 (10)	2.92 (51)	2.81 (97)	2.74 (215)	2.81 (270)	
	April 2025	3.09 (11)	3.14 (28)	2.85 (81)	2.95 (129)	2.87 (191)	

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)	 1.0005.000
	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)	
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)	
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)	
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)	
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)	

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)	 1.000 5.000
	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)	
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)	
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)	
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)	
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)	

Overall Trend by Region

Region average of state averages

	Month of Date	Midwest	Northeast	South	West	Measure Values
Q1 Score	April 2024	2.10 (423)	2.05 (227)	2.16 (340)	2.15 (179)	 1.00 5.00
	September 2024	2.36 (52)	2.02 (258)	2.30 (75)	1.80 (244)	
	April 2025	2.45 (82)	2.13 (153)	2.13 (110)	2.10 (105)	
Q2 Score	April 2024	1.91 (423)	1.93 (227)	1.92 (340)	1.68 (179)	
	September 2024	1.89 (52)	2.27 (258)	2.02 (75)	1.88 (244)	
	April 2025	2.19 (82)	2.09 (153)	1.91 (110)	1.90 (105)	
Q3 Score	April 2024	2.30 (423)	2.52 (227)	2.16 (340)	2.10 (179)	
	September 2024	2.84 (52)	2.75 (258)	2.64 (75)	2.75 (244)	
	April 2025	2.79 (82)	2.94 (153)	2.50 (110)	2.85 (105)	
Q4 Score	April 2024	1.93 (423)	2.07 (227)	1.88 (340)	2.17 (179)	
	September 2024	2.07 (52)	2.14 (258)	2.12 (75)	1.78 (244)	
	April 2025	2.30 (82)	2.18 (153)	1.88 (110)	1.91 (105)	
Q5 Score	April 2024	2.78 (423)	2.82 (227)	2.61 (340)	2.57 (179)	
	September 2024	2.69 (52)	3.02 (258)	2.93 (75)	2.23 (244)	
	April 2025	3.17 (82)	3.19 (153)	2.93 (110)	2.93 (105)	