

Data analyses conducted by Anup Mishra, PhD, MS, SMIEEE, Mayo Clinic. AMIA 25x5 Task Force. "TrendBurden: Pulse Survey on Excessive Documentation Burden for Health Professionals<sup>®</sup> Database (version 1.0)." AMIA.org 2024.

Sloss, E. A., Owoyemi, A., Mishra, A. K., Sidwell, K., Abdul, S., Dawood, G., Allen, M., Austria, D., Pope, Z., Chekeni, F., Corley, S., Grigg, A., Hartman, V., Johnson, K. B., Levy, D. R., Marshall, K., Murphy, J., Newman, B., Phillips, T., Smith, K., Szymanski, J., & Rossetti, S. (2024). Development of the TrendBurden Survey: Capturing the Pulse of the Nation Related to Excessive Documentation Burden for Health Professionals. Prepublication.

### TrendBurden: Pulse Survey





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



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



Recently, there has been a noticeable **decrease** in the **time or effort or both** needed for me to complete my documentation tasks.

	_	

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



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

#### Likert Scale

- Strongly agree
- Agree
- Neither agree nor disagree
- Disagree
- Strongly disagree



- 1,253 Responses
- Administered April 10-30, 2024
- Biannual— track and trend changes over time
- Responses from 49 states and the District of Columbia
- 36% Physicians
- 25% RNs
- 70% of respondents have 11 or more years of clinical experience



#### **Most Responded Professional Roles**

- Physician/Surgeon 36.07%
- Registered Nurse 24.82%
- Other Professionals 13.65%
- Educator 8.38%
- Informatician 6.07%

#### Least Responded Professional Roles

- Radiologist 0%
- Respiratory Therapist 0%
- Speech and Language Pathologist 0%
- Dentist 0.16%
- Pharmacist 0.24%
- Medical Assistant 0.24%



#### **Work Setting**

- Outpatient clinics 31.76%
- Inpatient/Hospital 30.17%
- Academic Medical Center 21.47%
- Community-based Organization 21.15%
- Urban 9.98%
- Rural 9.9%
- Telemedicine/Telehealth 9.58%
- Private practice 8.22%

- Suburban 7.58%
- Other 6.7%
- Emergency department 5.51%
- Urgent care/Walk-in clinic 3.67%
- Nursing Home/Rehab/Long term care facility 1.68%

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

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

3. Recently, there has been a noticeable **decrease** in the **time or effort or both** needed for me to complete my documentation tasks.

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

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

Agree/Strongly Agree	18.04%
Neither agree nor disagree	8.70%
Disagree/Strongly Disagree	73.26%
Agree/Strongly Agree	77.41%
Neither agree nor disagree	8.22%
Disagree/Strongly Disagree	14.37%
Agree/Strongly Agree	16.84%
Neither agree nor disagree	16.52%
Disagree/Strongly Disagree	66.64%
Agree/Strongly Agree	74.38%
Neither agree nor disagree	13.49%
Disagree/Strongly Disagree	12.13%
Agree/Strongly Agree	31.76%
Neither agree nor disagree	23.62%
Disagree/Strongly Disagree	44.61%



## 1. The amount of **time and effort** I spend documenting patient care **is appropriate**.

Agree/Strongly Agree	18.04%
Neither agree nor disagree	8.70%
Disagree/Strongly Disagree	73.26%



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

Agree/Strongly Agree	77.41%
Neither agree nor disagree	8.22%
Disagree/Strongly Disagree	14.37%

3. Recently, there has been a noticeable **decrease** in the **time or effort or both** needed for me to complete my documentation tasks.

Agree/Strongly Agree	16.84%
Neither agree nor disagree	16.52%
Disagree/Strongly Disagree	66.64%



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

Agree/Strongly Agree	74.38%
Neither agree nor disagree	13.49%
Disagree/Strongly Disagree	12.13%



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

Agree/Strongly Agree	31.76%
Neither agree nor disagree	23.62%
Disagree/Strongly Disagree	44.61%



Survey Question	Response		Role						Total
		Physician	RN	NP-APN-PA	LPN	Case Manager	Technicians and Assistants	Other	(N=1253)
		n (%)	n (%)	n (%)	n (%)	n (%)	n (%)	n (%)	n (%)
The amount of time and	Agree/Strongly Agree	56 (12.39)	58 (20.21)	19 (17.27)	7 (58.33)	1 (12.50)	15 (38.46)	70 (20.29)	226 (18.03)
effort I spend documenting	Neither Agree nor Disagree	23 (5.09)	23 (8.01)	11 (10.00)	0 (0.00)	2 (25.00)	6 (15.38)	44 (12.75)	109 (8.70)
patient care is appropriate.	Disagree/Strongly Disagree	373 (82.52)	206 (71.77)	80 (72.73)	5 (41.67)	5 (62.5)	18 (46.15)	231 (66.96)	918 (73.26)
I finish work later than	Agree/Strongly Agree	377 (83.41)	204 (71.08)	89 (80.91)	7 (58.33)	7 (87.50)	24 (61.54)	262 (75.94)	970 (77.42)
desired or need to do work	Neither Agree nor Disagree	25 (5.53)	27 (9.41)	9 (8.18)	3 (25.00)	1 (12.50)	5 (12.82)	33 (9.57)	103 (8.22)
at home because of excessive	Disagree/Strongly Disagree	50 (11.06)	56 (19.51)	12 (10.91)	2 (16.67)	0 (0.00)	10 (25.64)	50 (14.49)	180 (14.37)
documentation tasks.									
Recently, there has been a	Agree/Strongly Agree	61 (13.50)	62 (21.60)	22 (20.0)	3 (25.00)	1 (25.00)	11 (28.51)	51 (14.78)	211 (16.84)
noticeable decrease in the	Neither Agree nor Disagree	53 (11.73)	60 (20.91)	10 (9.09)	6 (50.0)	0 (0.00)	6 (15.38)	72 (20.87)	207 (16.52)
time or effort or both	Disagree/Strongly Disagree	338 (74.78)	165 (57.49)	78 (70.91)	3 (25.00)	7 (87.5)	22 (56.41)	222 (64.35)	835 (66.64)
needed for me to complete									
my documentation tasks.									
The effort or time required	Agree/Strongly Agree	364 (80.53)	213 (74.22)	80 (72.73)	7 (58.33)	6 (70.00)	24 (61.54)	238 (68.99)	932 (74.38)
for me to complete	Neither Agree nor Disagree	55 (12.17)	33 (11.50)	15 (13.64)	2 (16.67)	0 (0.00)	9 (23.08)	55 (15.94)	169 (13.49)
documentation tasks	Disagree/Strongly Disagree	33 (7.30)	41 (14.29)	15 (13.64)	3 (25.00)	2 (25.0)	6 (15.38)	52 (15.07)	152 (12.13)
impedes patient care.									
I find it easy to document	Agree/Strongly Agree	97 (21.46)	117 (40.77)	31 (28.18)	7 (58.33)	3 (37.50)	18 (46.15)	125 (36.23)	398 (31.76)
patient care using the	Neither Agree nor Disagree	94 (20.80)	60 (20.91)	33 (30.00)	3 (25.00)	2 (25.00)	8 (20.51)	96 (27.83)	296 (23.62)
electronic health record.	Disagree/Strongly Disagree	261 (57.74)	110 (38.33)	46 (41.82)	2 (16.67)	3 (37.50)	13 (33.33)	124 (35.94)	559 (44.61)

Sloss, E. A., Owoyemi, A., Mishra, A. K., Sidwell, K., Abdul, S., Dawood, G., Allen, M., Austria, D., Pope, Z., Chekeni, F., Corley, S., Grigg, A., Hartman, V., Johnson, K. B., Levy, D. R., Marshall, K., Murphy, J., Newman, B., Phillips, T., Smith, K., Szymanski, J., & Rossetti, S. (2024). Development of the TrendBurden Survey: Capturing the Pulse of the Nation Related to Excessive Documentation Burden for Health Professionals. Prepublication.



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

	ALL	Physician	RN	NP-APN-PA	Technicians and Assistants
Agree/Strongly Agree	18.03%	12.39%	20.21%	17.27%	38.46%
Neither Agree Nor Disagree	8.70%	5.09%	8.01%	10.00%	15.38%
Disagree/Strongly Disagree	73.26%	82.52%	71.77%	72.73%	46.15%





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

	ALL	Physician	RN	NP-APN-PA	Technicians and Assistants
Agree/Strongly Agree	77.42%	83.41%	71.08%	80.91%	61.54%
Neither Agree Nor Disagree	8.22%	5.53%	9.41%	8.18%	12.82%
Disagree/Strongly Disagree	14.37%	11.06%	19.51%	10.91%	25.64%





3. Recently, there has been a noticeable **decrease** in the **time** or **effort** or **both** needed for me to complete my documentation tasks.

	ALL	Physician	RN	NP-APN-PA	Technicians and Assistants
Agree/Strongly Agree	16.84%	13.50%	21.60%	20.00%	28.51%
Neither Agree Nor Disagree	16.52%	11.73%	20.91%	9.09%	15.38%
Disagree/Strongly Disagree	66.64%	74.78%	57.49%	70.91%	56.41%





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

	ALL	Physician	RN	NP-APN-PA	Technicians and Assistants
Agree/Strongly Agree	74.38%	80.53%	74.22%	72.73%	61.54%
Neither Agree Nor Disagree	13.49%	12.17%	11.50%	13.64%	23.08%
Disagree/Strongly Disagree	12.13%	7.30%	14.29%	13.64%	15.38%



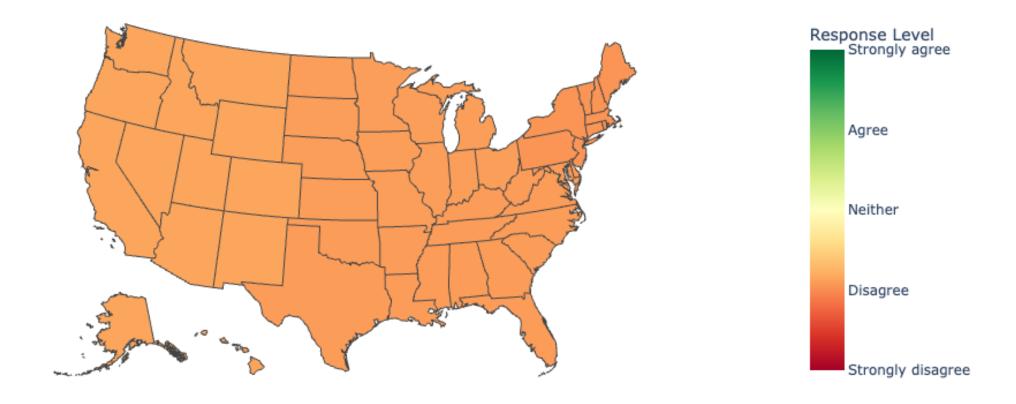


# 5. I find it **easy to document** patient care using the electronic health record.

	ALL	Physician	RN	NP-APN-PA	Technicians and Assistants
Agree/Strongly Agree	31.76%	21.46%	40.77%	28.18%	46.15%
Neither Agree Nor Disagree	23.62%	20.80%	20.91%	30.00%	20.51%
Disagree/Strongly Disagree	44.61%	57.74%	38.33%	41.82%	33.33%

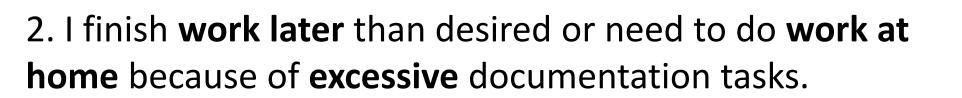


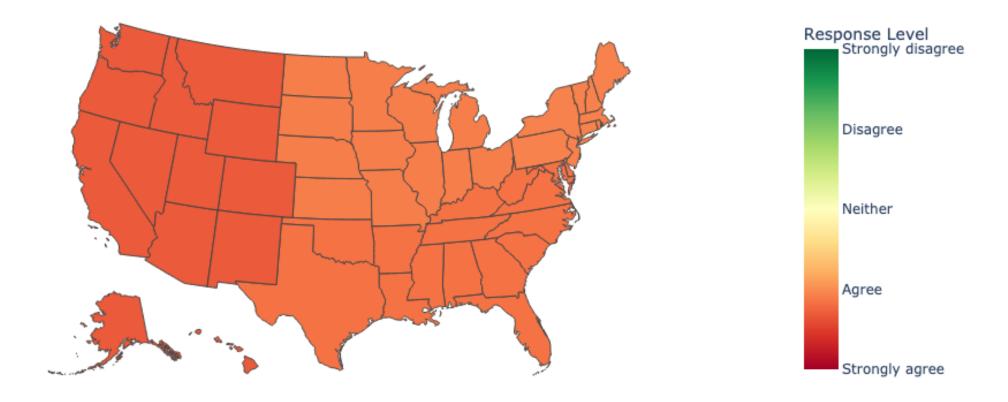
1. The amount of **time and effort** I spend documenting patient care **is appropriate**.



 $1 \land 25$ 

Reducing Documentation Burden

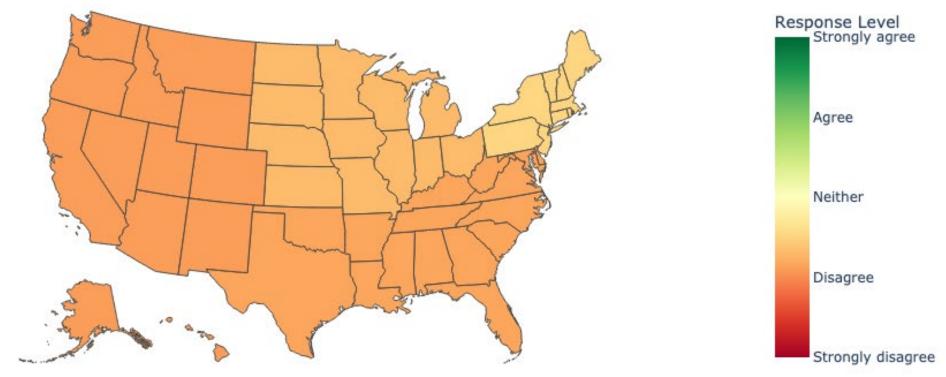




 $\mathbf{25}$ 

**Reducing Documentation Burden** 

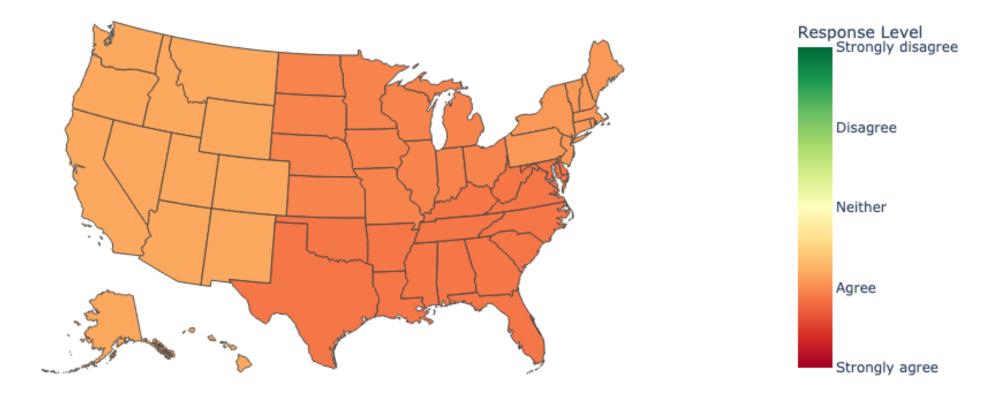
3. Recently, there has been a noticeable **decrease** in the **time or effort or both** needed for me to complete my documentation tasks.



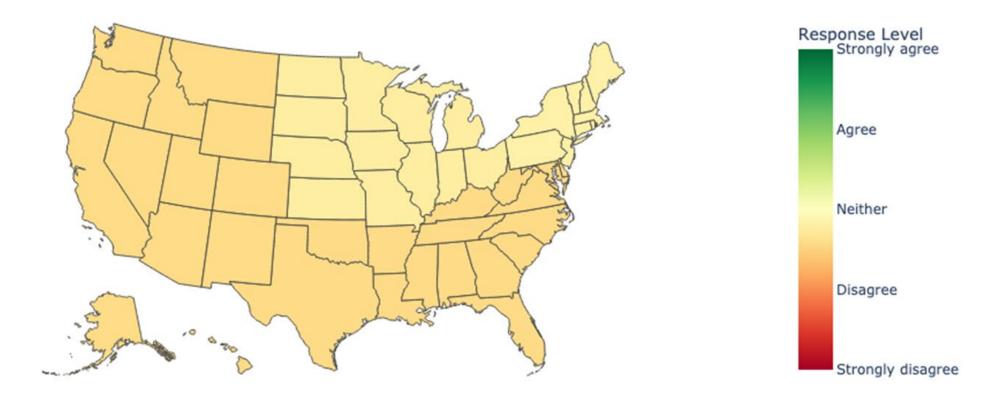
**Reducing Documentation Burder** 



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



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

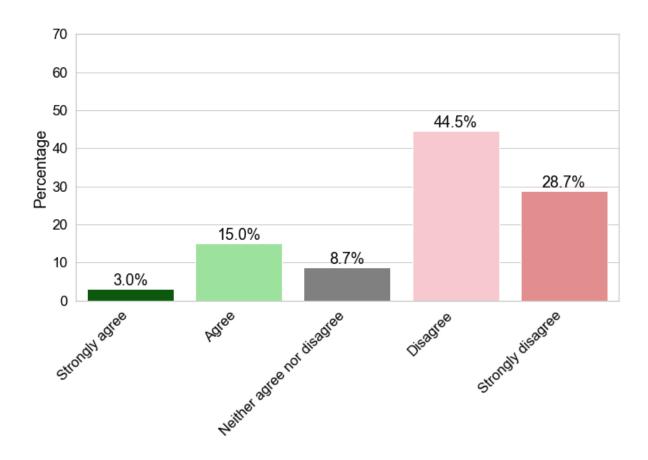


 $M \land 25 \times 5$ 

Reducing Documentation Burden

Reducing Documentation Burden

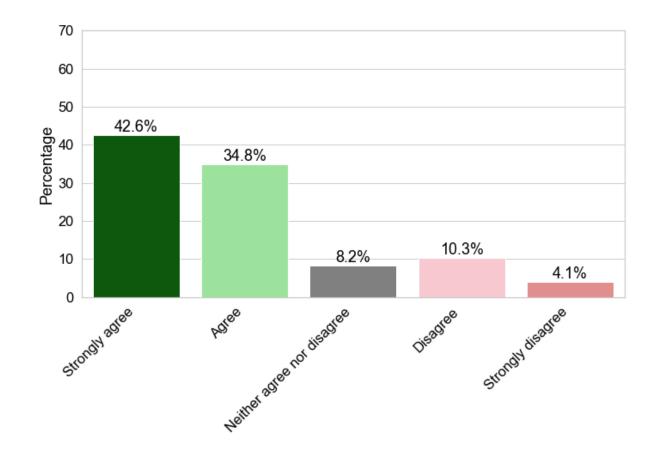
1. The amount of **time and effort** I spend documenting patient care **is appropriate**.







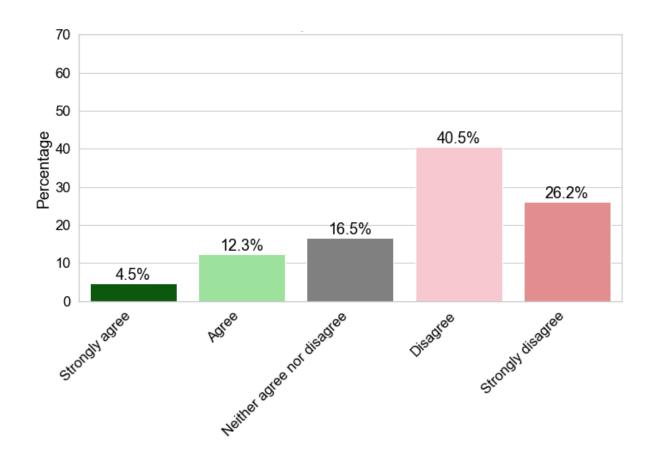
2. I finish **work later** than desired or need to do **work at home** because of **excessive** documentation tasks.







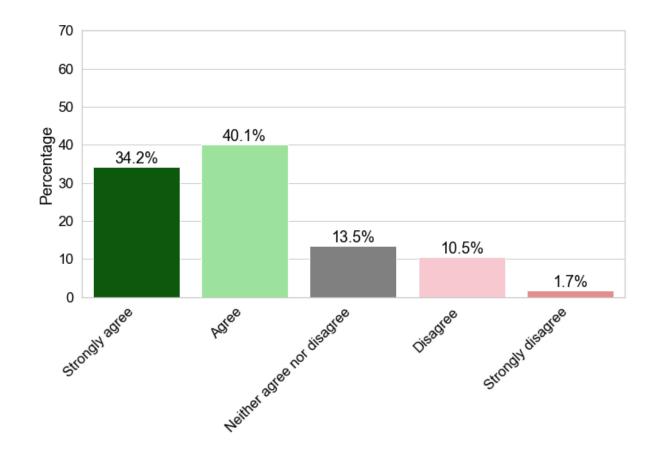
3. Recently, there has been a noticeable **decrease** in the **time** or **effort** or **both** needed for me to complete my documentation tasks.







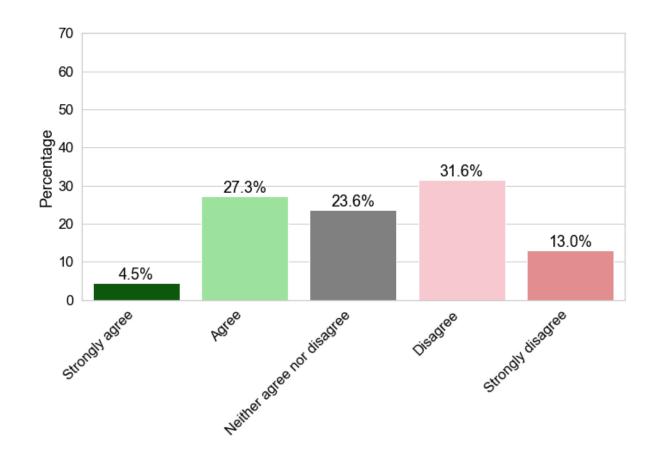
4. The **effort or time** required for me to complete documentation tasks **impedes patient care**.







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

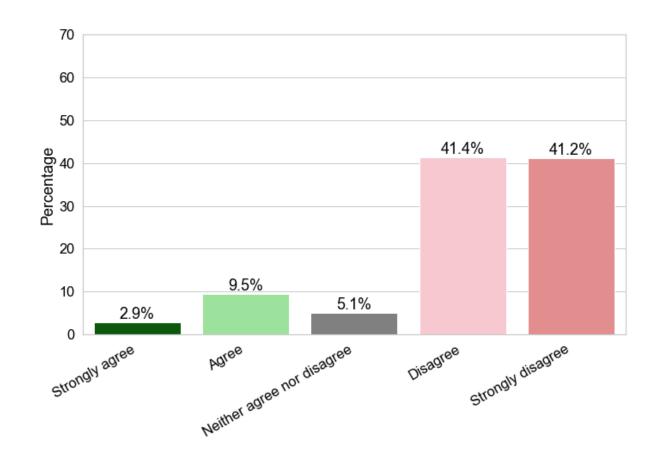




Q1. Responses, Physician, to TrendBurden Pulse Survey



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

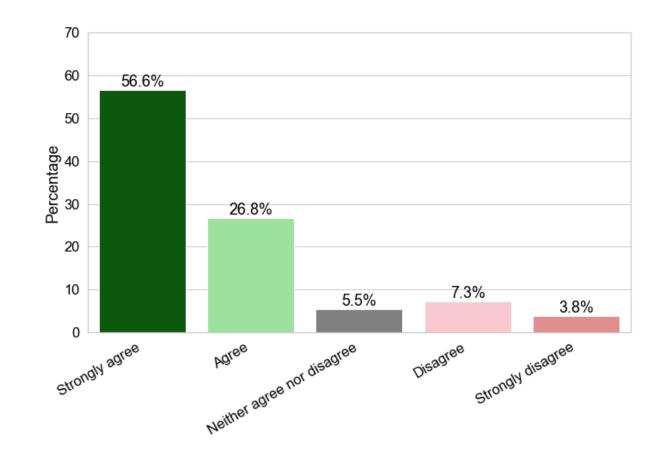




Q2. Responses, Physician, to TrendBurden Pulse Survey



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

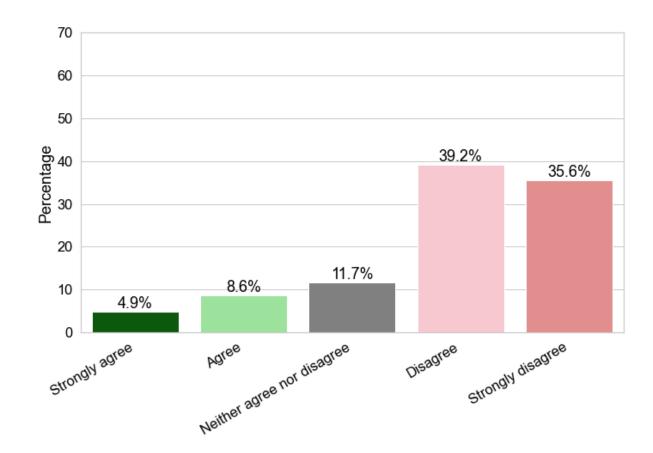




Q3. Responses, Physician, to TrendBurden Pulse Survey



3. Recently, there has been a noticeable **decrease** in the **time** or **effort** or **both** needed for me to complete my documentation tasks.

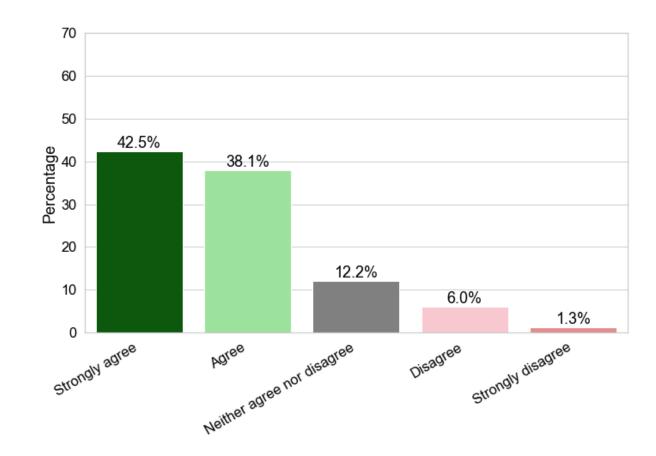




Q4. Responses, Physician, to TrendBurden Pulse Survey



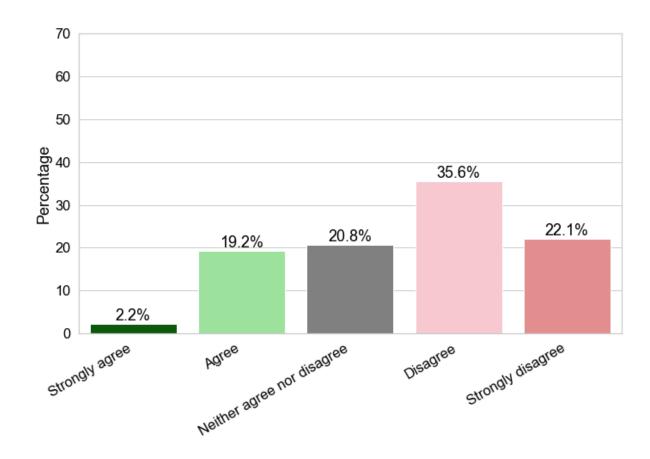
4. The **effort or time** required for me to complete documentation tasks **impedes patient care**.







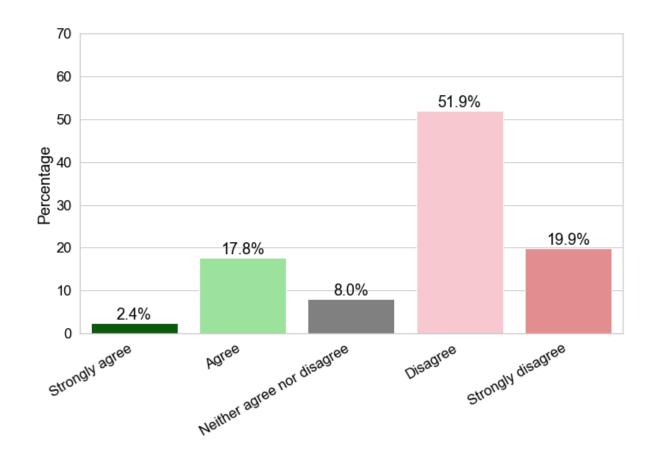
5. I find it **easy to document** patient care using the electronic health record.





Reducing Documentation Burden

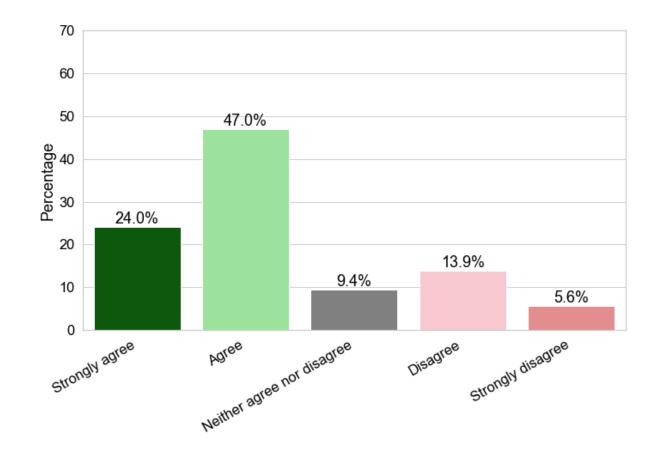
1. The amount of **time and effort** I spend documenting patient care **is appropriate**.







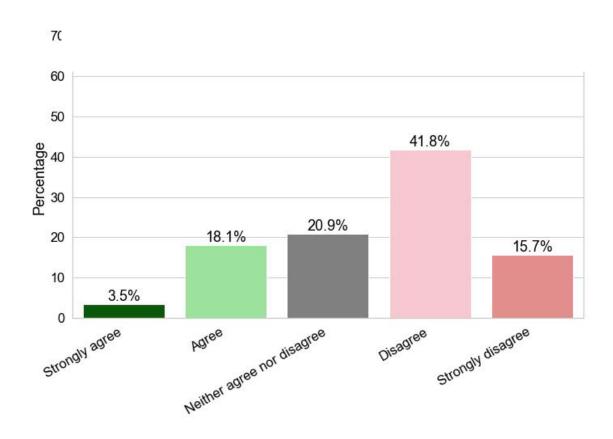
2. I finish **work later** than desired or need to do **work at home** because of **excessive** documentation tasks.





Reducing Documentation Burden

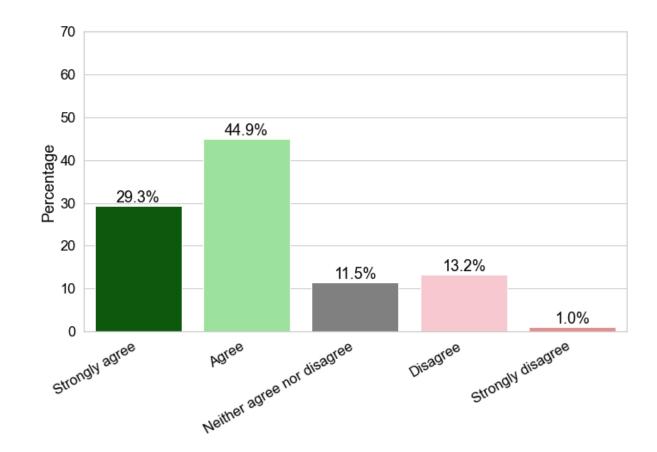
3. Recently, there has been a noticeable **decrease** in the **time** or **effort** or **both** needed for me to complete my documentation tasks.







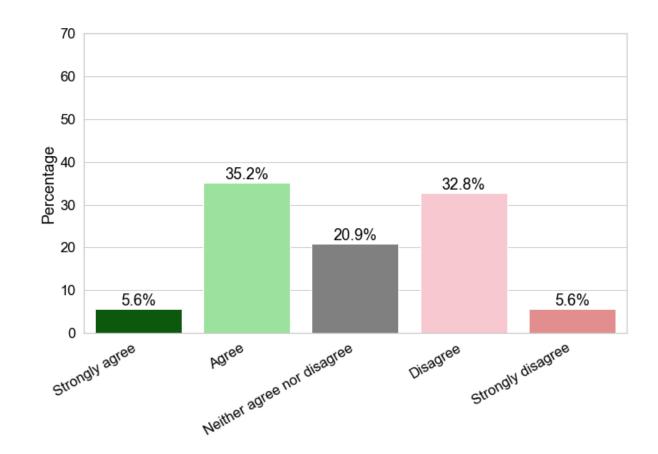
4. The **effort or time** required for me to complete documentation tasks **impedes patient care**.







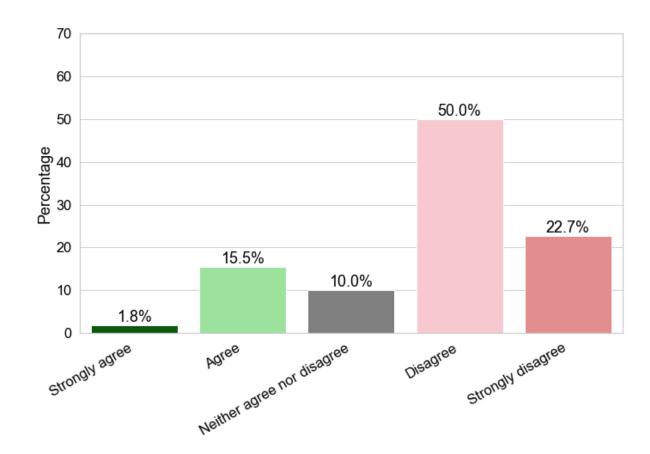
5. I find it **easy to document** patient care using the electronic health record.







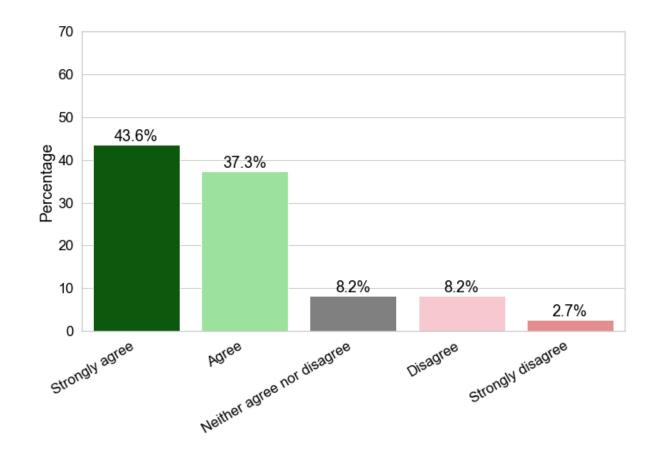
1. The amount of **time and effort** I spend documenting patient care **is appropriate**.







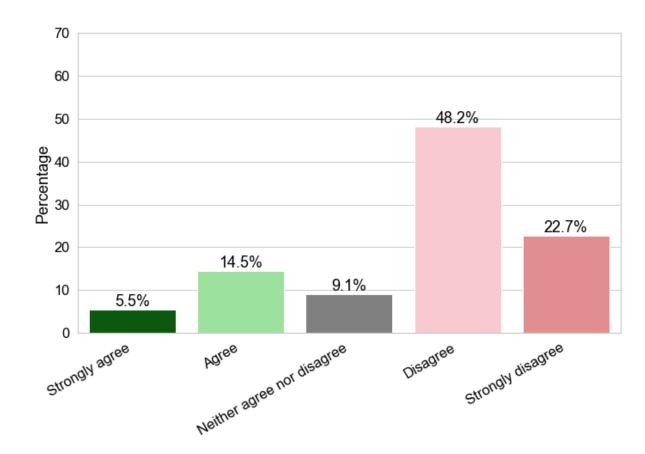
2. I finish **work later** than desired or need to do **work at home** because of **excessive** documentation tasks.







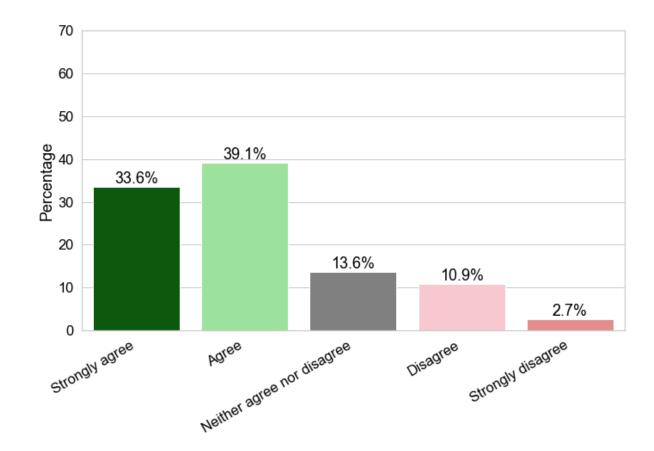
3. Recently, there has been a noticeable **decrease** in the **time** or **effort** or **both** needed for me to complete my documentation tasks.







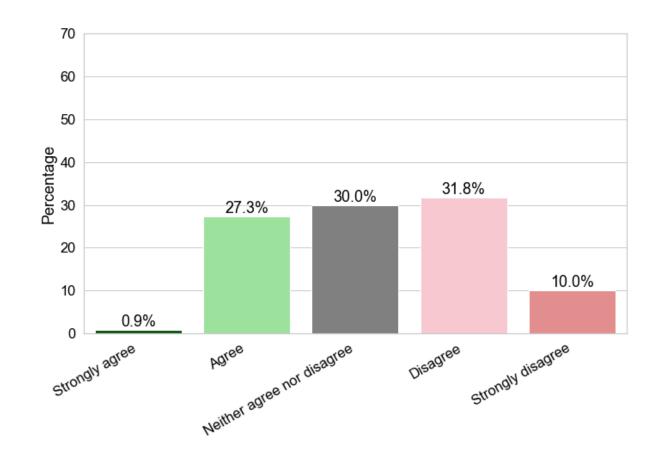
4. The **effort or time** required for me to complete documentation tasks **impedes patient care**.







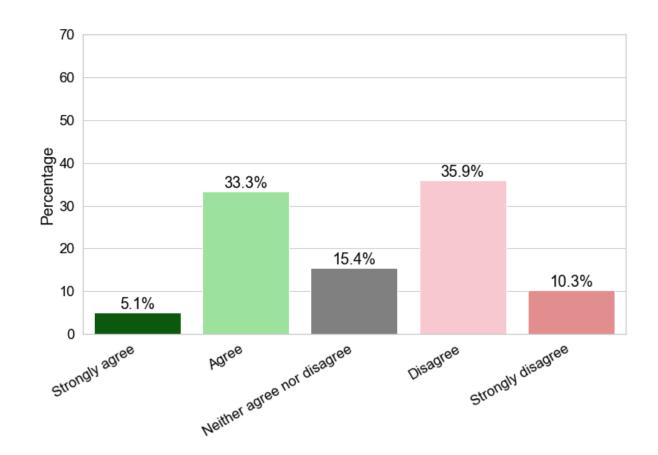
5. I find it **easy to document** patient care using the electronic health record.







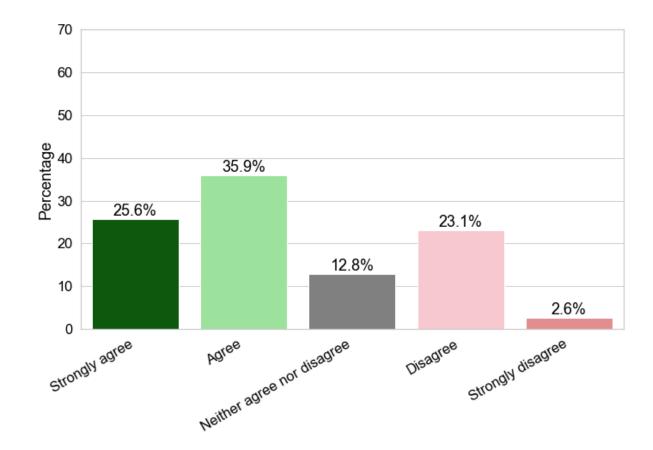
1. The amount of **time and effort** I spend documenting patient care **is appropriate**.







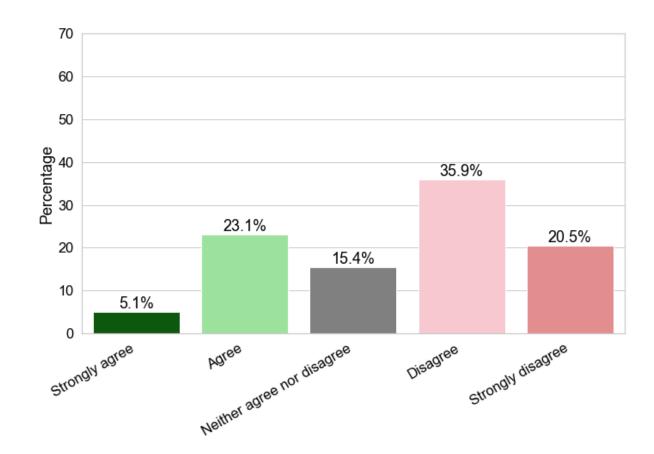
2. I finish **work later** than desired or need to do **work at home** because of **excessive** documentation tasks.







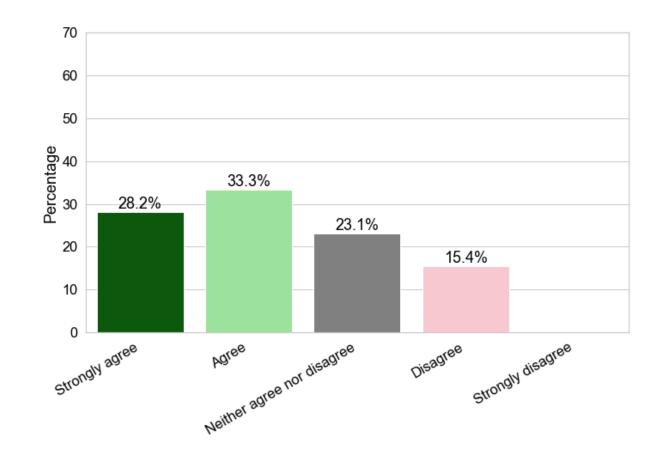
3. Recently, there has been a noticeable **decrease** in the **time** or **effort** or **both** needed for me to complete my documentation tasks.







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







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

