



Introduction & Aims

- Currently no formal handoff system exists between the acute pain/regional anesthesiology team and the intraoperative anesthesiology team after patients receive preoperative regional and neuraxial anesthesia procedures.
- This absence can lead to breakdowns in communication, suboptimal care, and negative patient outcomes. Transitions in patient care have shown to contribute to a higher risk for adverse events^{1,2}.

Primary Aim: Achieve completion of handoff between regional anesthesia providers and the intraoperative anesthesia team 75% of the time over a 6-month period

- Identify** the most essential pieces of information to be included in the handoff
- Develop** a standardized Epic handoff macro including this information

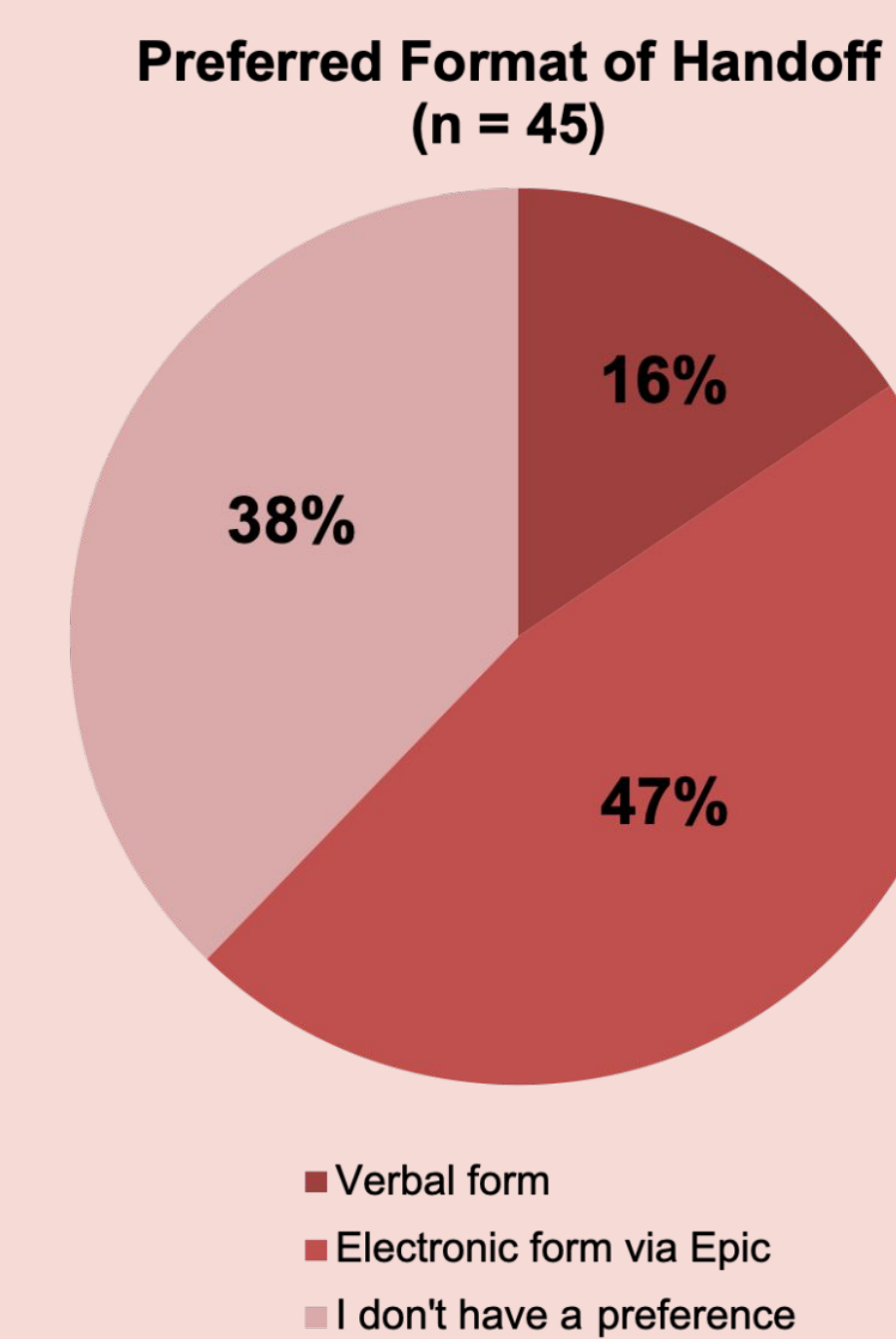
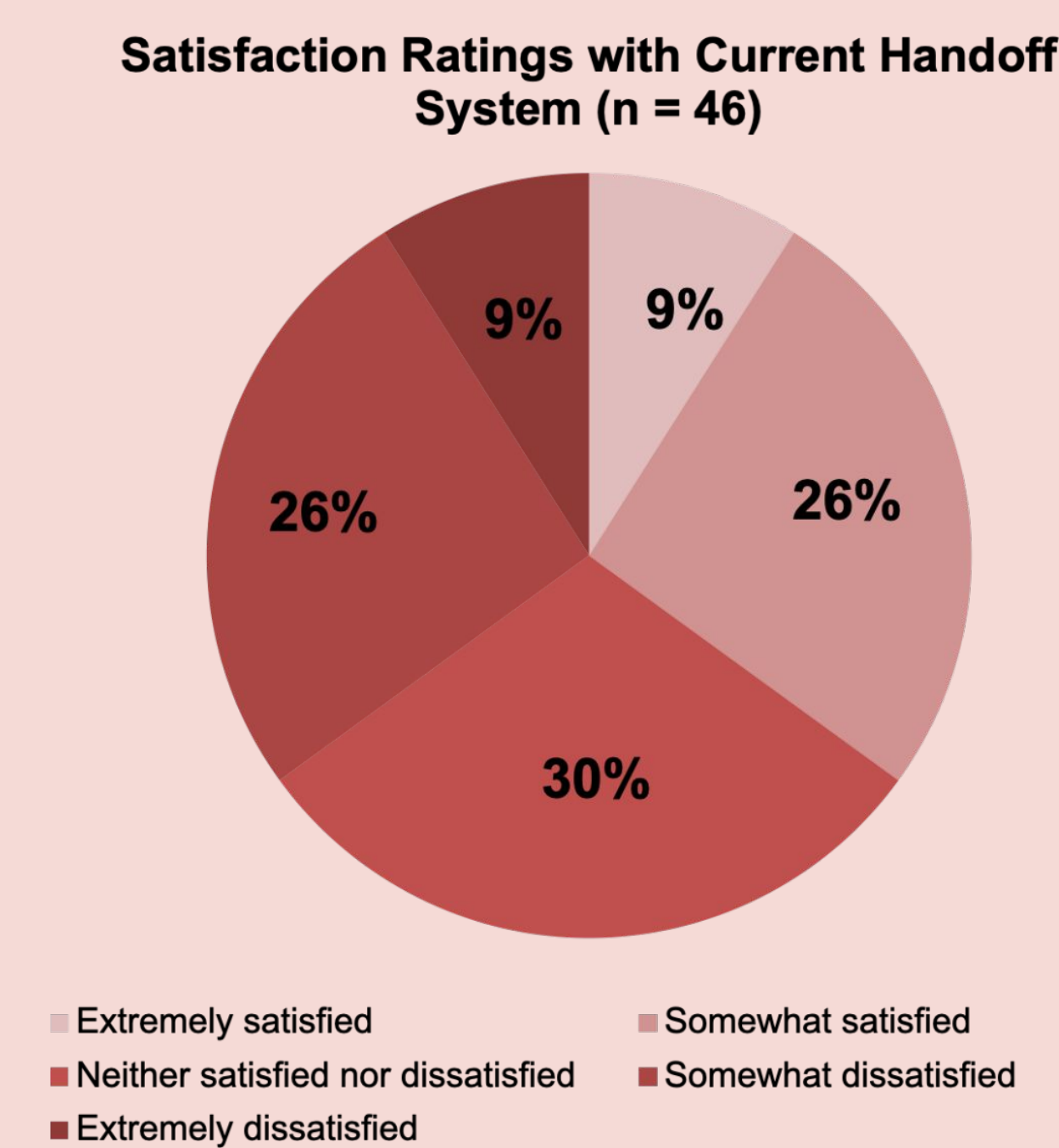
Methods

- Baseline Pre-implementation Survey:**
 - Sent to all anesthesiology attendings, residents, CRNAs, and regional anesthesiology fellows
 - Assessed respondents' preferred format of handoff
 - Identified key pieces of information to be included in the handoff
- Create Epic Handoff Documentation:**
 - Automatically included as required "Event" when regional procedure is performed outside of the OR
 - Regional anesthesiology team educated on macro use
 - Handoff information also sent as Haiku message

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Pre-Implementation Results

Figure & Table 1: Pre-Implementation Survey Results



In an ideal world, what information would you like to be included in the handoff (select all that apply): (n = 46)		
Item	Percentage	Count
Baseline Vitals	41%	19
Baseline Mental Status	50%	23
Fluids Administered	30%	14
Indication: Surgical anesthesia or postoperative analgesia	65%	30
Expected duration of the block, additives in the block, dosage of meds administered	80%	37
Plan for in-situ catheters	59%	27
Type of procedure	43%	20
Medications administered	80%	37
Adverse events	65%	30
Initial assessment of procedure	22%	10
DVT prophylaxis	11%	5
Test dose	35%	16
Additional history	13%	6
Other	11%	5

Figure 2: Epic Handoff Macro



Scan for References

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Post-Implementation Results

Figure 3: Percent Completion of Rates of Regional-to-OR Handoffs

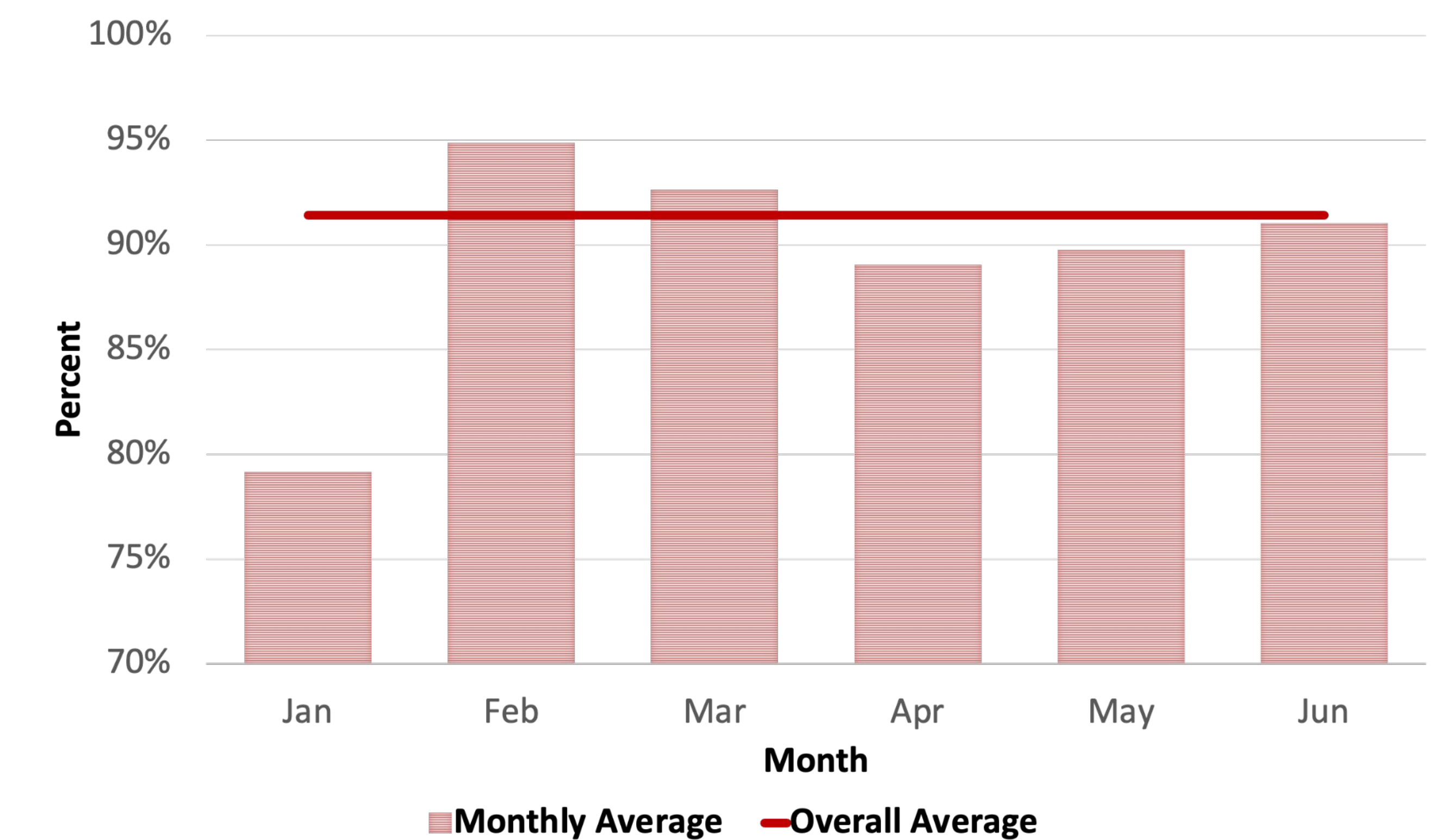


Figure 4: User Satisfaction

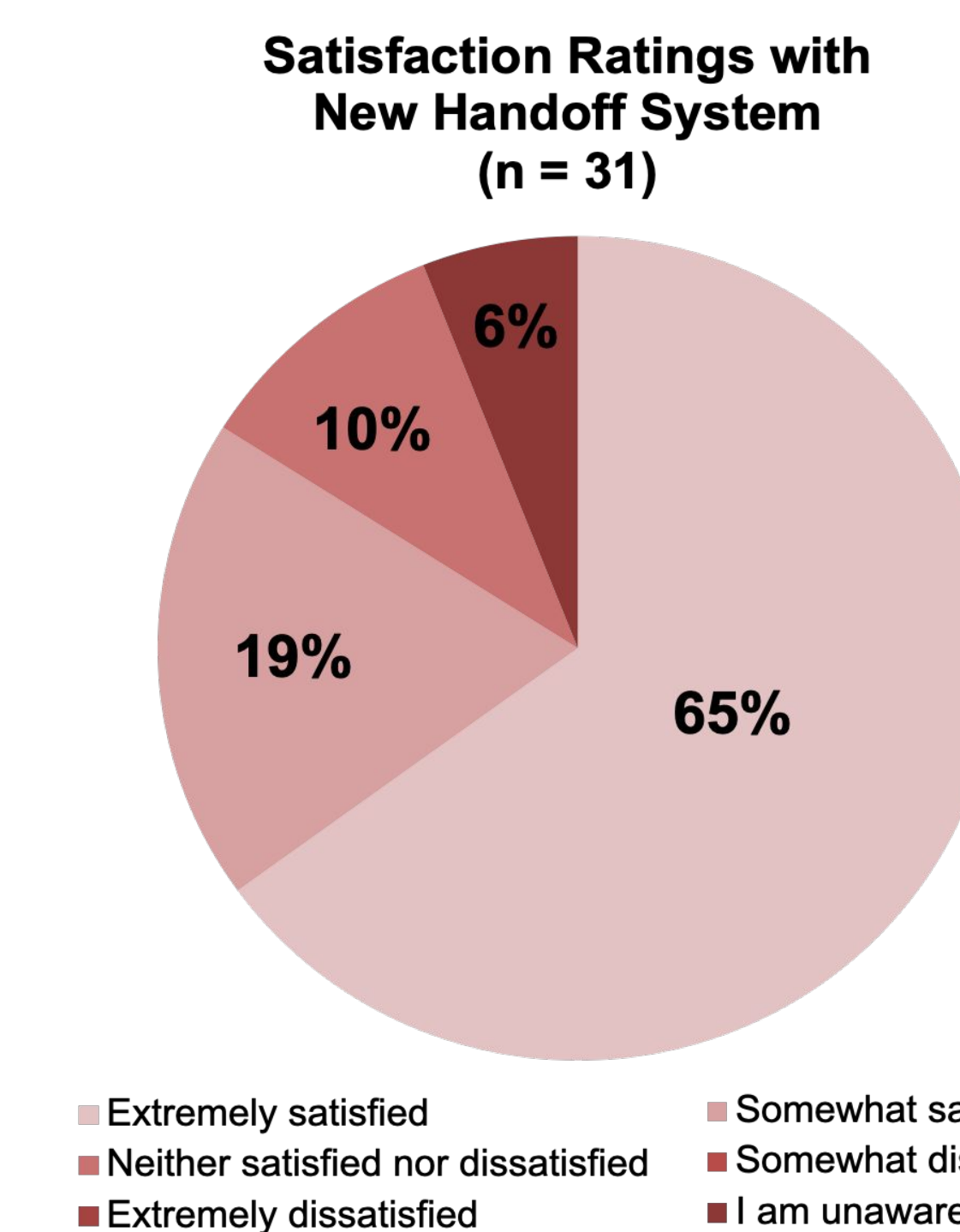


Table 2: Completion Rates of Handoff Events

Go-Live Date	1/24/2024 @ 5PM
Data Period	1/25/2024 - 6/30/2024
Total Cases w/ Macros	382
Total Cases w/ Event Comments	346
Completion Rate	91%