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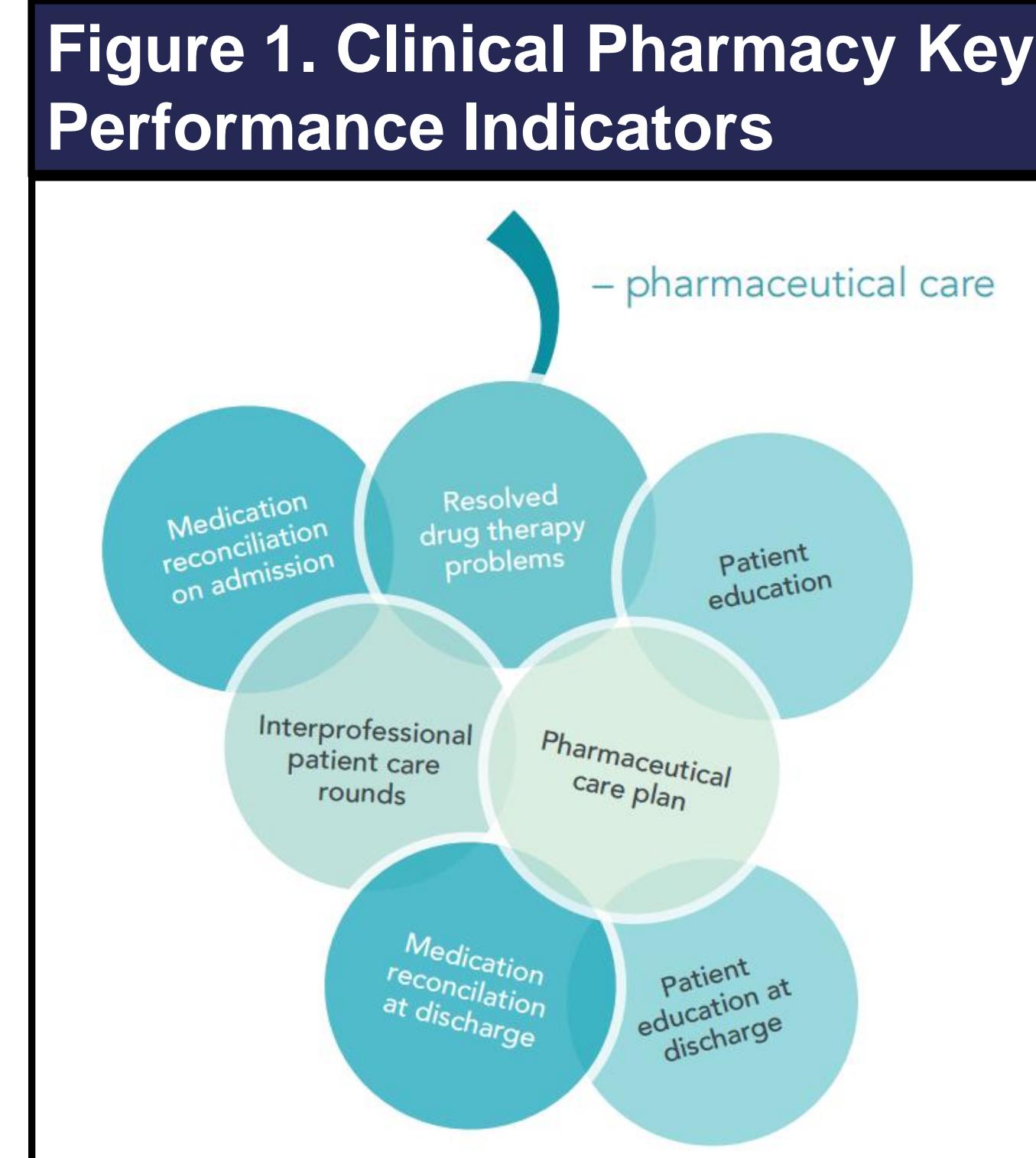
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Background

- Eight evidence-informed national consensus clinical pharmacy key performance indicators (cpKPIs) representing processes of care associated with an impact on meaningful patient outcomes have been established.

Figure 1. Clinical Pharmacy Key Performance Indicators



- Hospitals across Canada have begun measuring cpKPI data, however, a Canadian national registry does not exist

Objectives

Primary Objective:

- To develop a national cpKPI patient registry and generate pooled national summary cpKPI reports to inform the advancement of pharmacy practice and improve patient outcomes.

Methods

- Design:** National, quality improvement, observational Patient registry
- Participant Selection:**
 - Volunteer Canadian hospitals from the National cpKPI Collaborative who have implemented cpKPI patient care processes
 - Actively locally measuring and tracking at least one cpKPI on at least one inpatient clinical patient care area
 - January-December 2018 timeframe



Figure 2. Total Number Of Hospitals Measuring Each cpKPI Across Canada In 2018 [Self-reported]

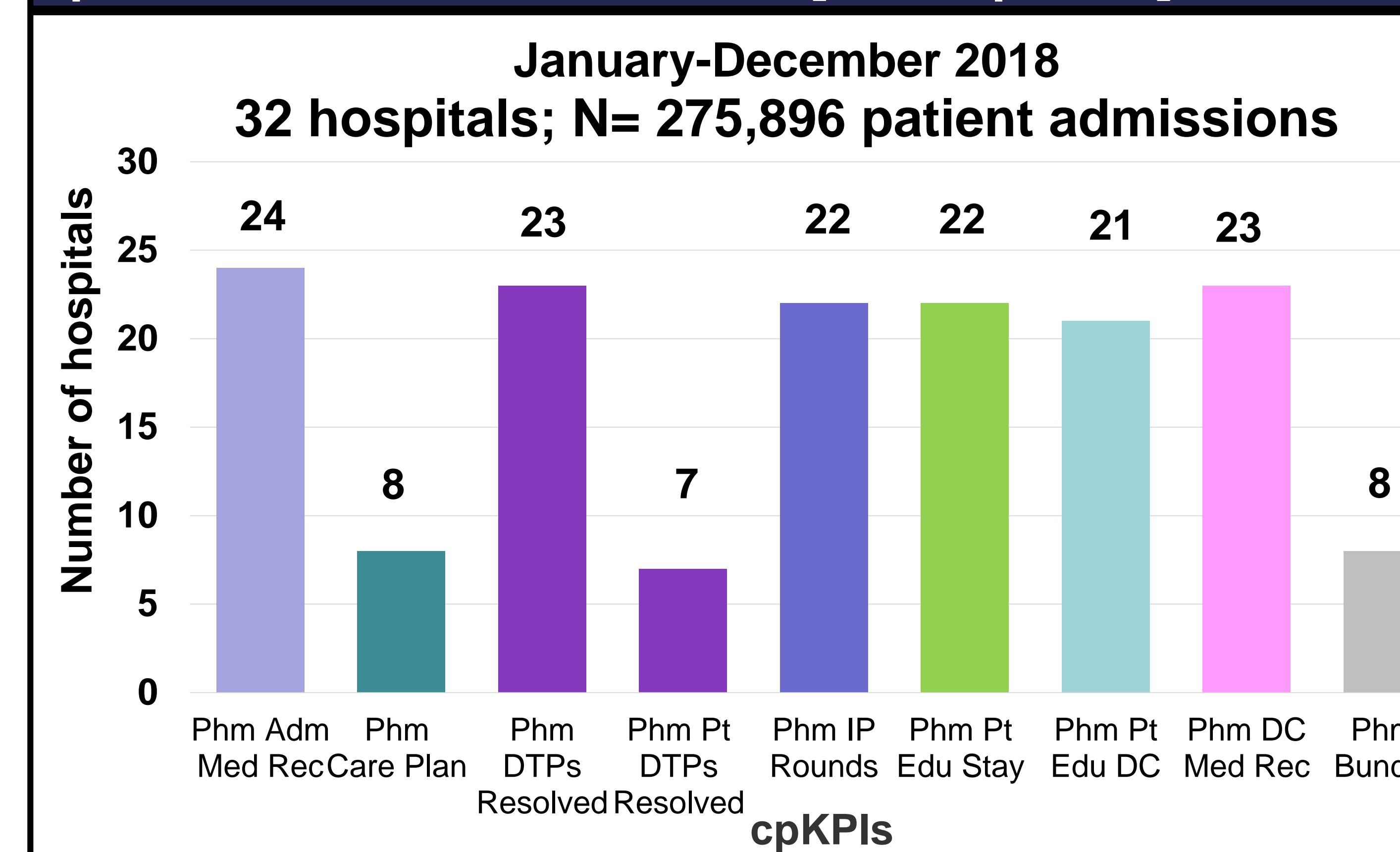


Figure 3. Patient Enrollment and Healthcare Organization Inclusion For National Registry

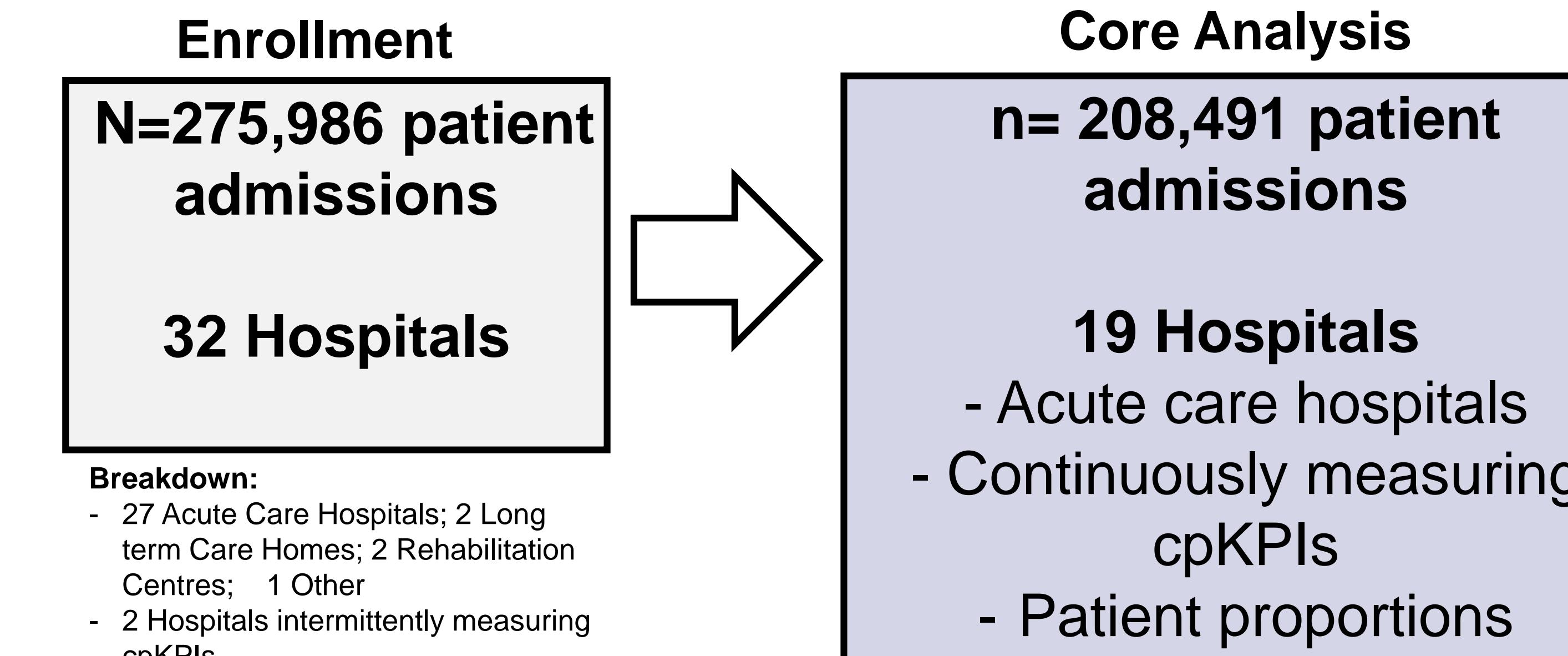


Table 1. Patient And Healthcare Organizations Characteristics [Core Analysis]

| | |
|--|---|
| Total number of hospital beds | Pooled: 4857 beds Average (mean): 256 beds/ hospital |
| Total number of beds eligible to receive at least 1 cpKPI during the time period submitted | Pooled: 4490 beds Average (mean): 236 beds/ hospital |
| Proportion of beds eligible to receive at least 1 cpKPI | 92% |
| Full-time equivalent (FTE) pharmacists | Pooled: 288.2 Average (mean): 15.2/hospital |
| Total Number of Teaching hospitals- (%) | 13 hospitals (68%) |

Results

Figure 4. Pooled Proportion Of Patients Receiving Each cpKPI In Canada In 2018 [Core Analysis]

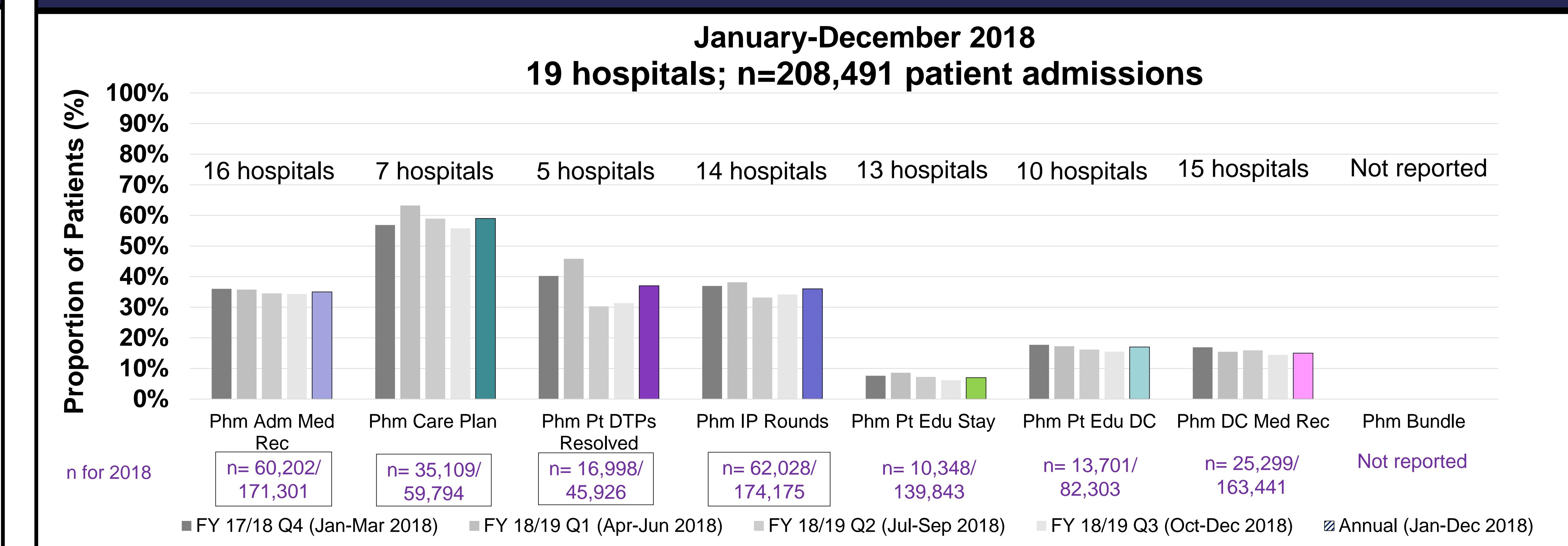
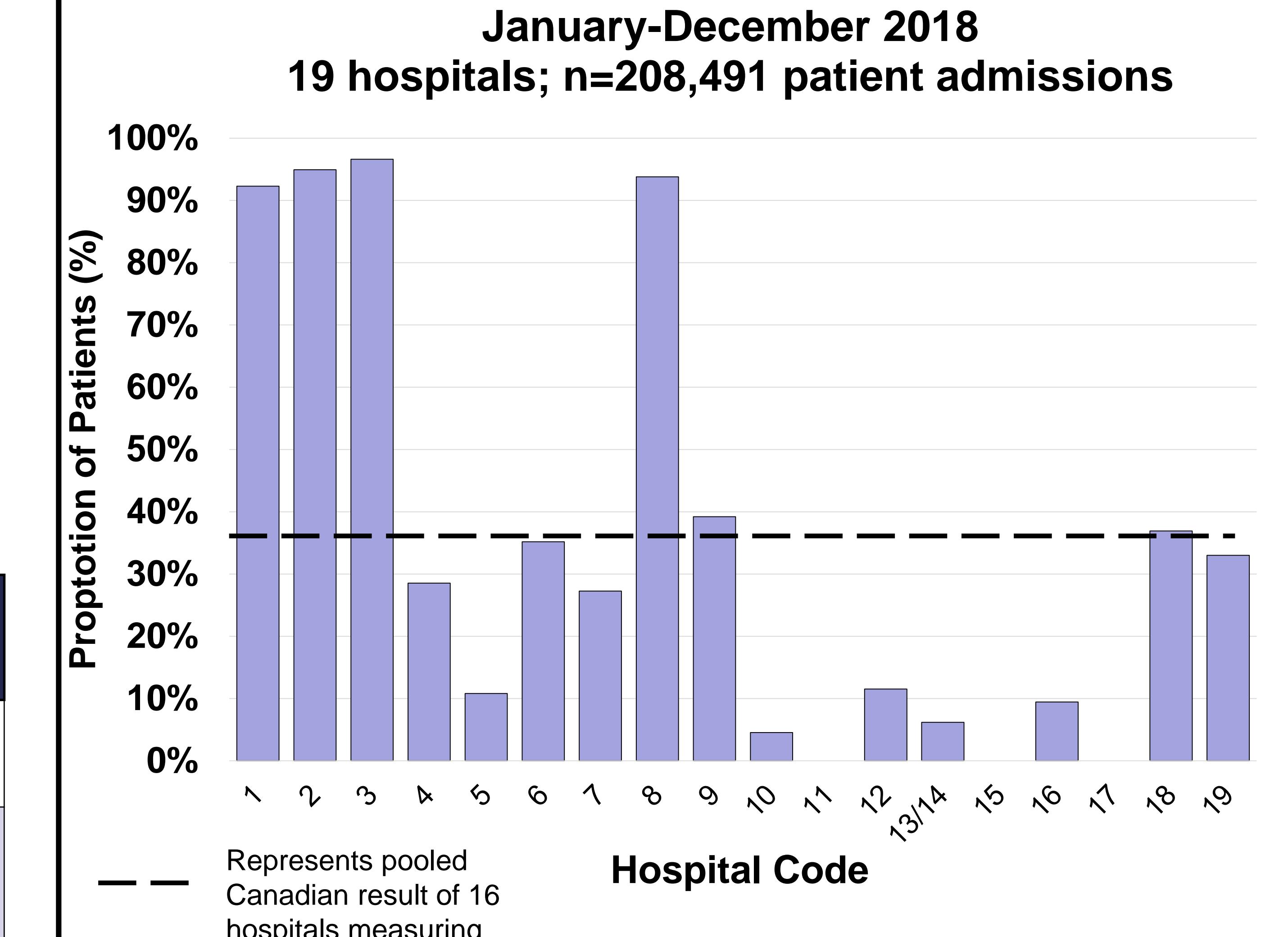


Figure 5. Admission Medication Reconciliation- Acute Care Hospital Comparison [Core Analysis]



Total Number Of cpKPI Events [Core Analysis]

- 225,466 patient cpKPI events in 2018

Total Number of DTPs Resolved (Phm DTPs Resolved)

- 152,627 DTPs Resolved for 23 hospitals in 2018

Discussion

- Variability among the cpKPI practice profiles for each hospital
- Results may facilitate identification of strengths, care gap opportunities, and need to further refine cpKPI definitions
- Limitations:** Self reporting by pharmacists (over/under-reporting)

Conclusions

- The first national registry for capturing cpKPI patient-level data in Canada was established.
- Findings may permit hospital cpKPI profile benchmarking and support national best-practice sharing

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DISCLOSURE SUMMARY: All Authors- Nothing to Disclose