



Safer Healthcare Now! The Journey to Phase Two

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SHN! Central Measurement Team

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Objectives

- Milestones
- Interventions - Phase 1 & 2
- Performance by Intervention
- Lessons Learned
- Where to from here?

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- Baker Norton CAES Study - May 2004
 - 7.5% AE rate
 - 36.9% Preventable
 - No paediatric data
- April '05 - SHN Phase 1 launch
 - Funded by CPSI and provincial Health Quality Councils & partners
- April '06 - Quebec joined SHN & CMT receives 1st data
- March '07 - Ross Baker presents results 1st yr results SHN
- April '08 - SHN Phase 2 launch

Why SHN?

- Largest Quality Improvement initiative in Canada
- Only National QI campaign collecting Process Measures
- Plug and Play package for QI (free!)
- QI Support from experienced Node Leads and Safety and Improvement Advisors (SIAs)
- Automated and routine quarterly reports provide direction for local Teams
- Outcome rates measured in SHN interventions are consistent with common QI indicators
- Measures align with Accreditation Canada

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Original 6 SHN Interventions

- Improved care for Acute Myocardial Infarction (AMI) - 10
- * Prevention of Central Line-Associated Bloodstream Infection (CLI) - 3
- * Medication Reconciliation (MedRec)- 4
- (*)Rapid Response Teams - 3
- (*) Prevention of Surgical Site Infections (SSI) - 7
- (*) Prevention of Ventilator Associated Pneumonia (VAP) - 2

New Interventions - Phase 2

- **Adverse drug events (MedRec) in long-term care - 3**
 - *Mean Number of Undocumented Intentional Discrepancies in Long Term Care*
 - *Mean Number of Unintentional Discrepancies in LTC*
 - *Percentage of LTC Residents Reconciled at Admission*
- **Venous thromboembolism (VTE) - 3**
 - *Percent of Patients Receiving Appropriate Venous Thromboembolism Prophylaxis*
 - *Type of Thromboprophylaxis Delivered*
 - *Reasons that Recommended Thromboprophylaxis was not used*

New Interventions - Phase 2

- **AROs: Methicillin-resistant Staphylococcus aureus- 7**
 - Hand Hygiene Products and Practice
 - Environmental Cleaning Practice
 - Time to Placement on Contact Precautions
 - Active Admission Screening for Positive MRSA Cases
 - Incidence of HA-MRSA
- **Falls in long-term care - 6 - RNAO Collaborative**
 - *Rate per 1000 Resident Days*
 - *Percentage with Completed Fall Risk Assessment*
 - *Percentage of "At Risk" Residents with Falls Prevention/Protection Intervention Implemented*

New Interventions - Phase 2

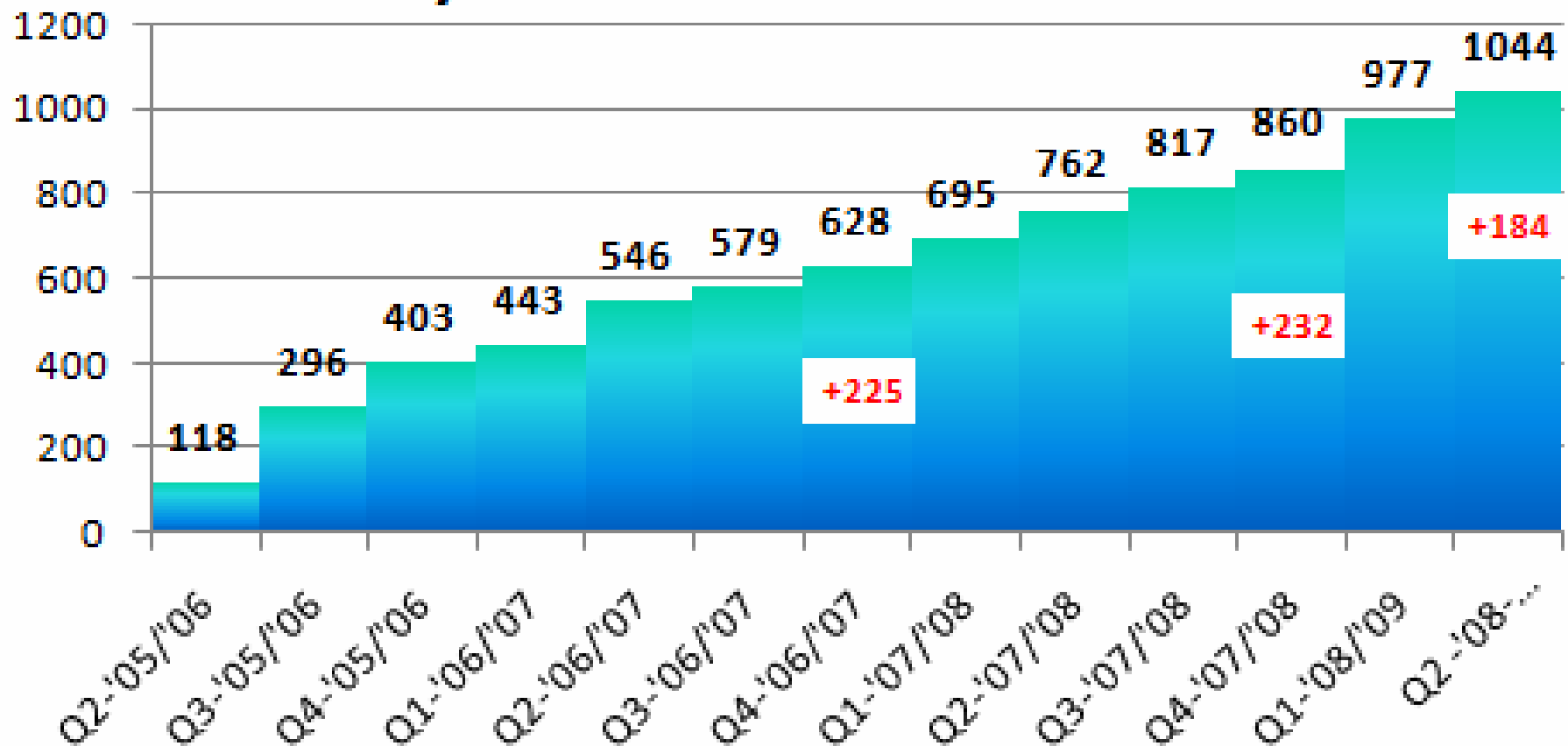
- 2 Pilot Projects -
 - Prevent ADEs through Med Rec in home care
- ***Prevent ADEs related to high-risk meds in paediatrics***
- CAPHC and ISMP Canada

Progress

An Overview...

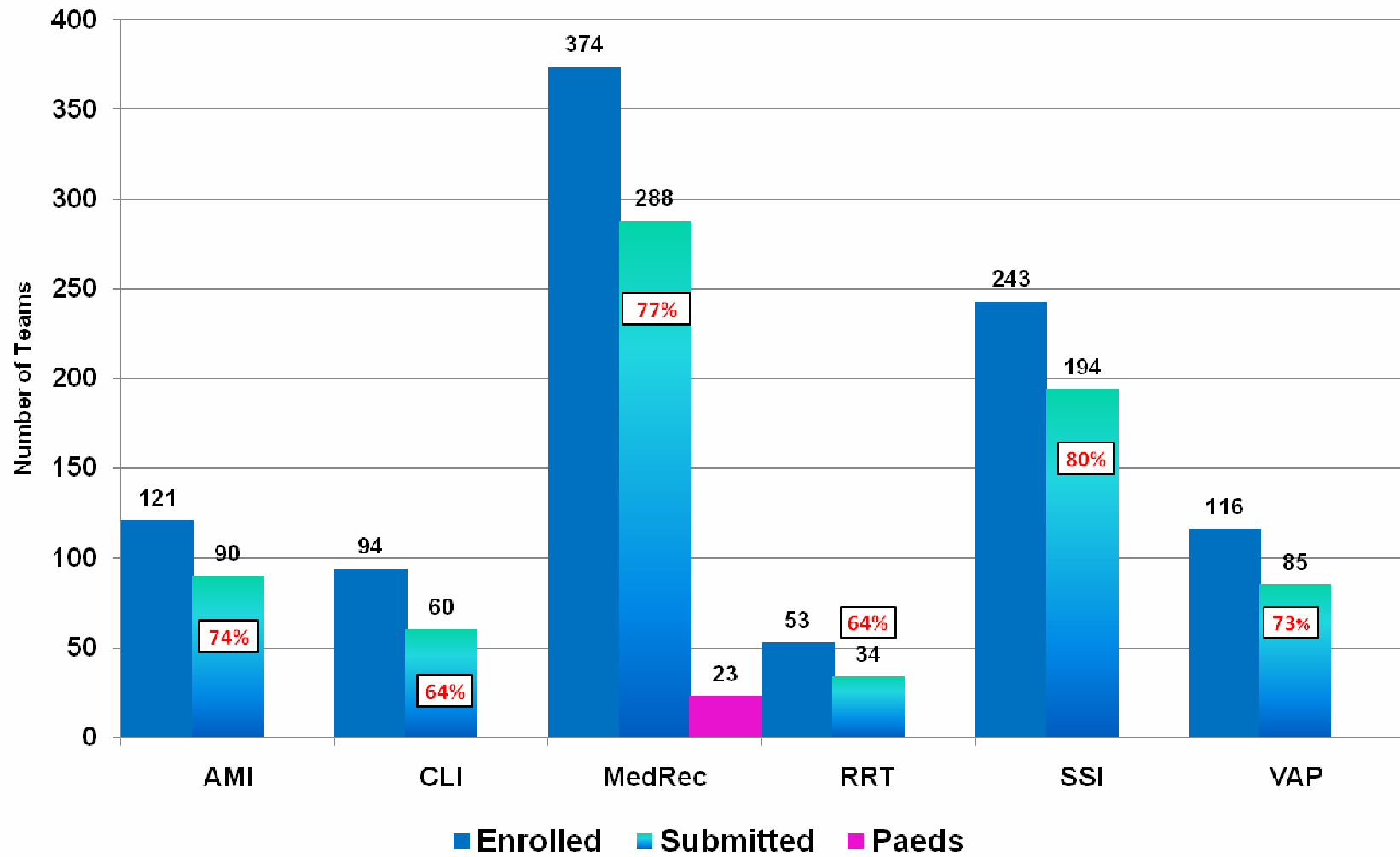
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Total Number of Teams Enrolled in SHN by Quarter: 2005 - Present



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Data Submission to CMT by Intervention

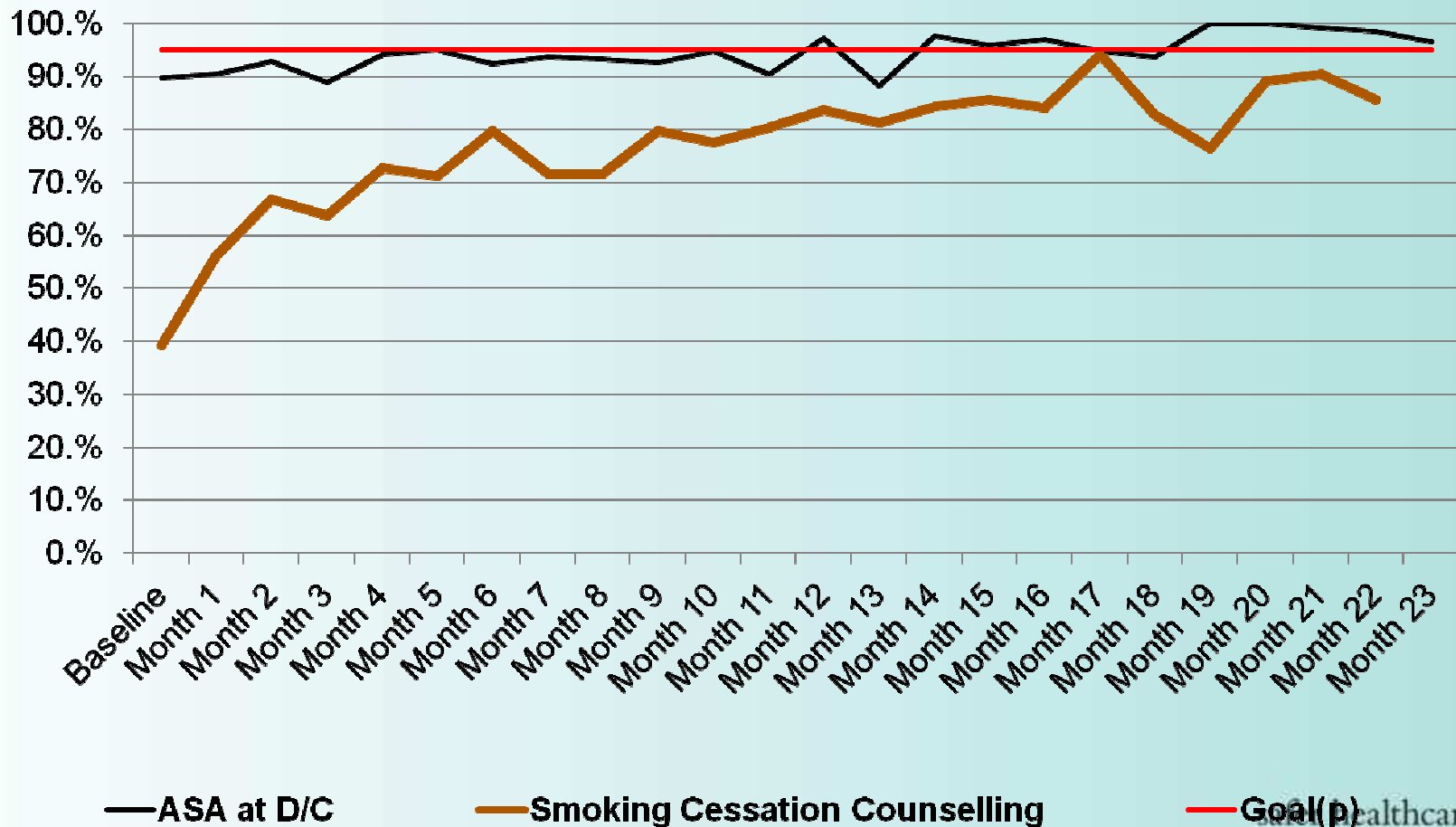


Progress

Are SHN Teams
making a difference?...

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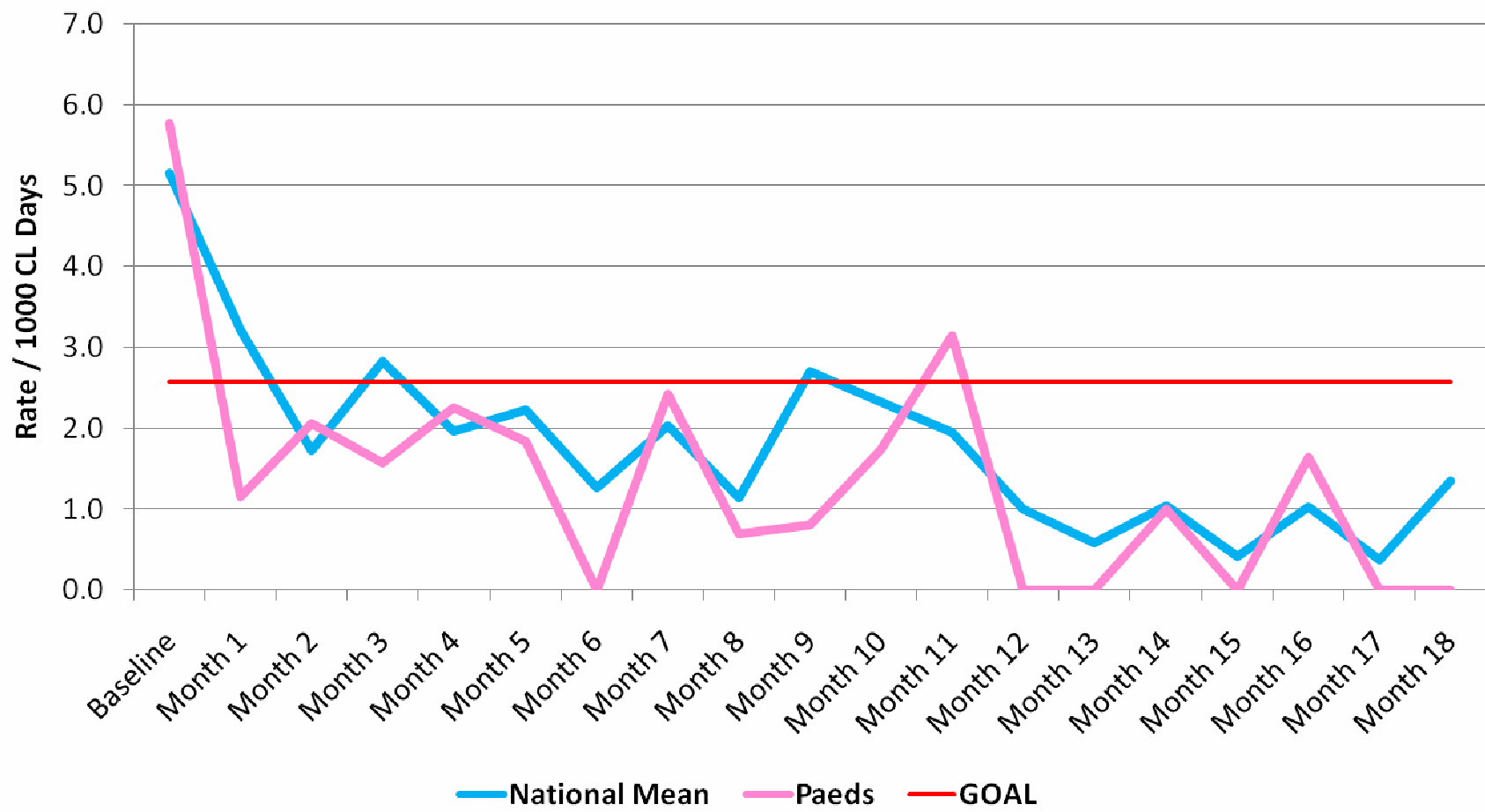
Acute Myocardial Infarction



Goal (p)
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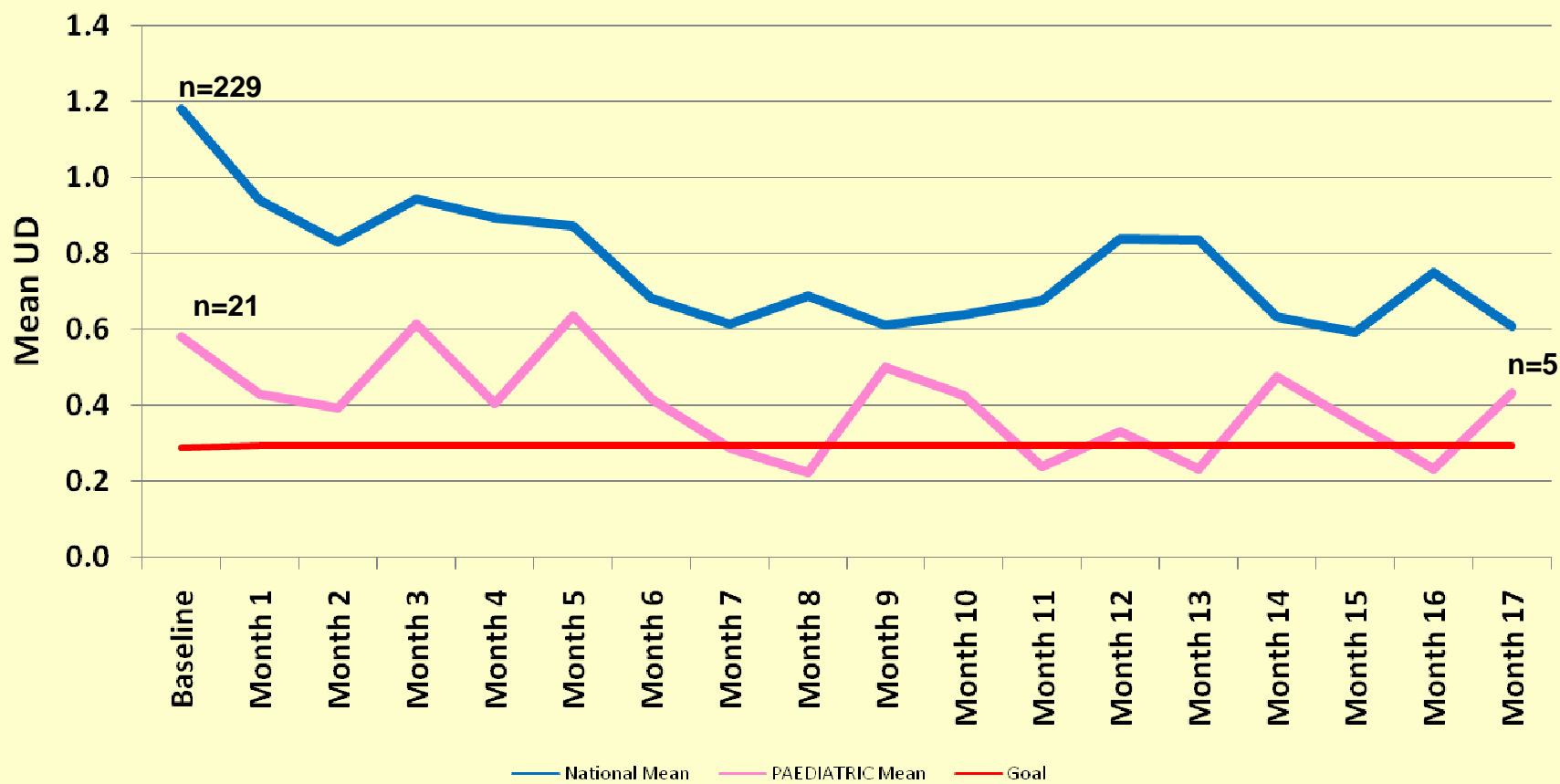
Central Line - BSI

CLI Rate of Central Line Associated- BSI per 1000 CL days

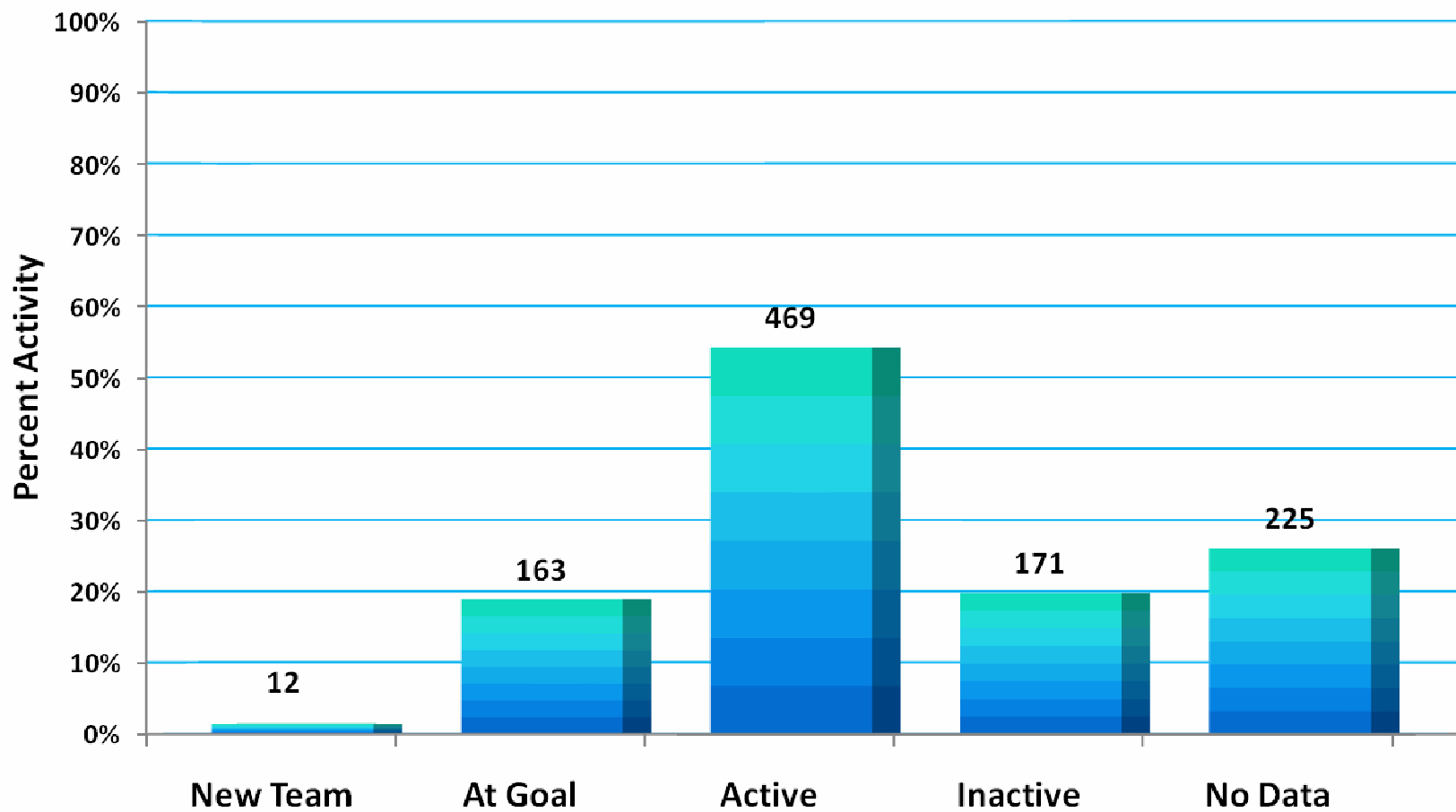


Medication Reconciliation

Mean Unintentional Discrepancies

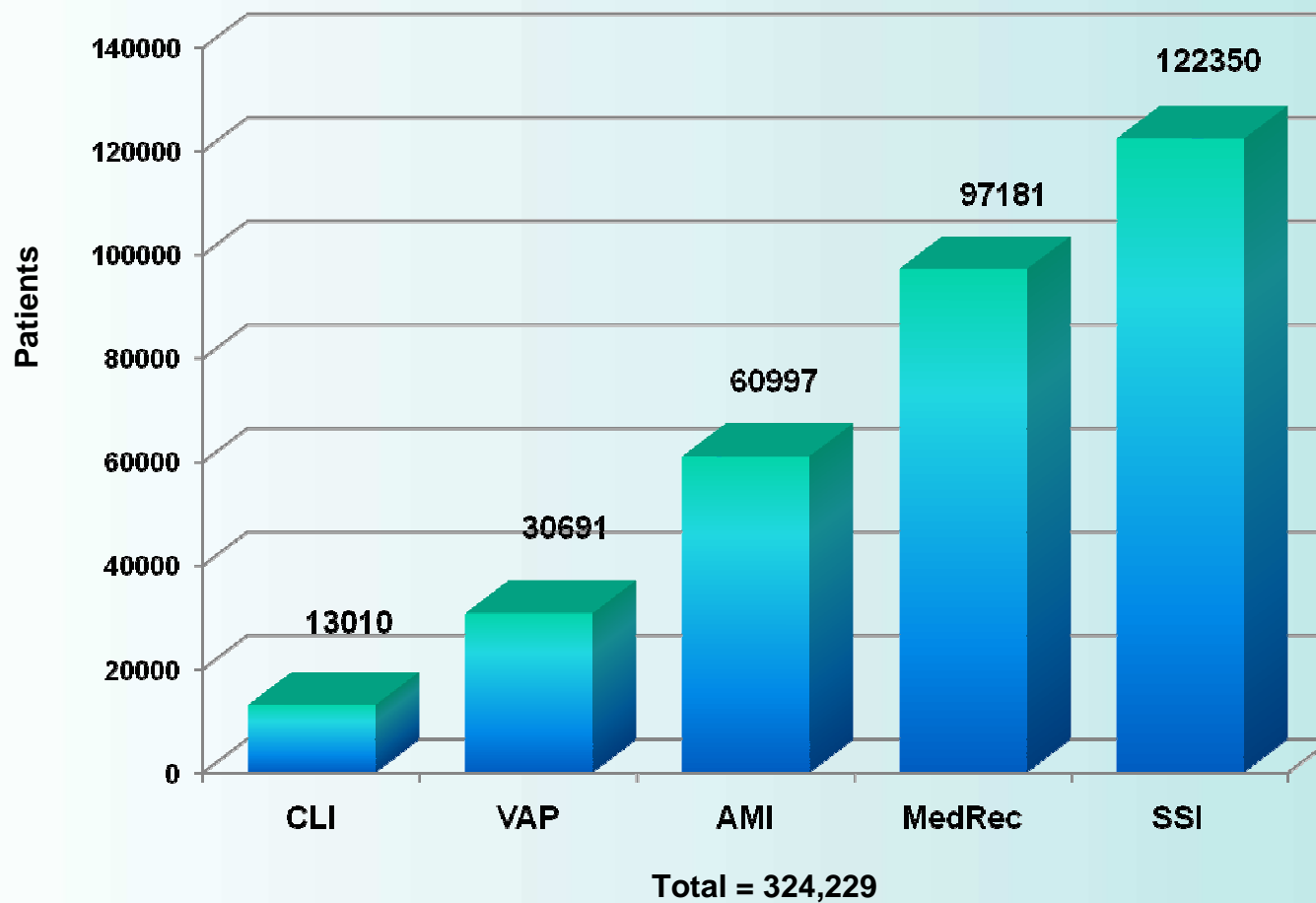


Data Submission - National Activity Level



Information Collected on Safe Healthcare Practice Delivered to Patients across Canada

(* excludes outcome measures)



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Lessons Learned

- 1000+ Teams far exceeds original target 300
- Data submission 'Activity' similar across country
- 3-4 month "improvement stall" reinforces need for monthly - quarterly measurement
- Quality Improvement initiatives are under resourced
- Measurement burden can be reduced with indicator alignment
- "If you [don't] measure it, you can't manage, improve, or control it..."

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Getting started



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Where to from Here?

- Web-based data submission - June 2009
- Continue to support existing teams - node leaders, SIAs and intervention faculty
- Transition selected interventions
- Develop and promote QI indicators for all healthcare sectors
- Continue to work with partners to standardize indicators
- Adapt existing indicators for application in the paediatric community

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Spread the word about SHN **now!**

Questions or More Information

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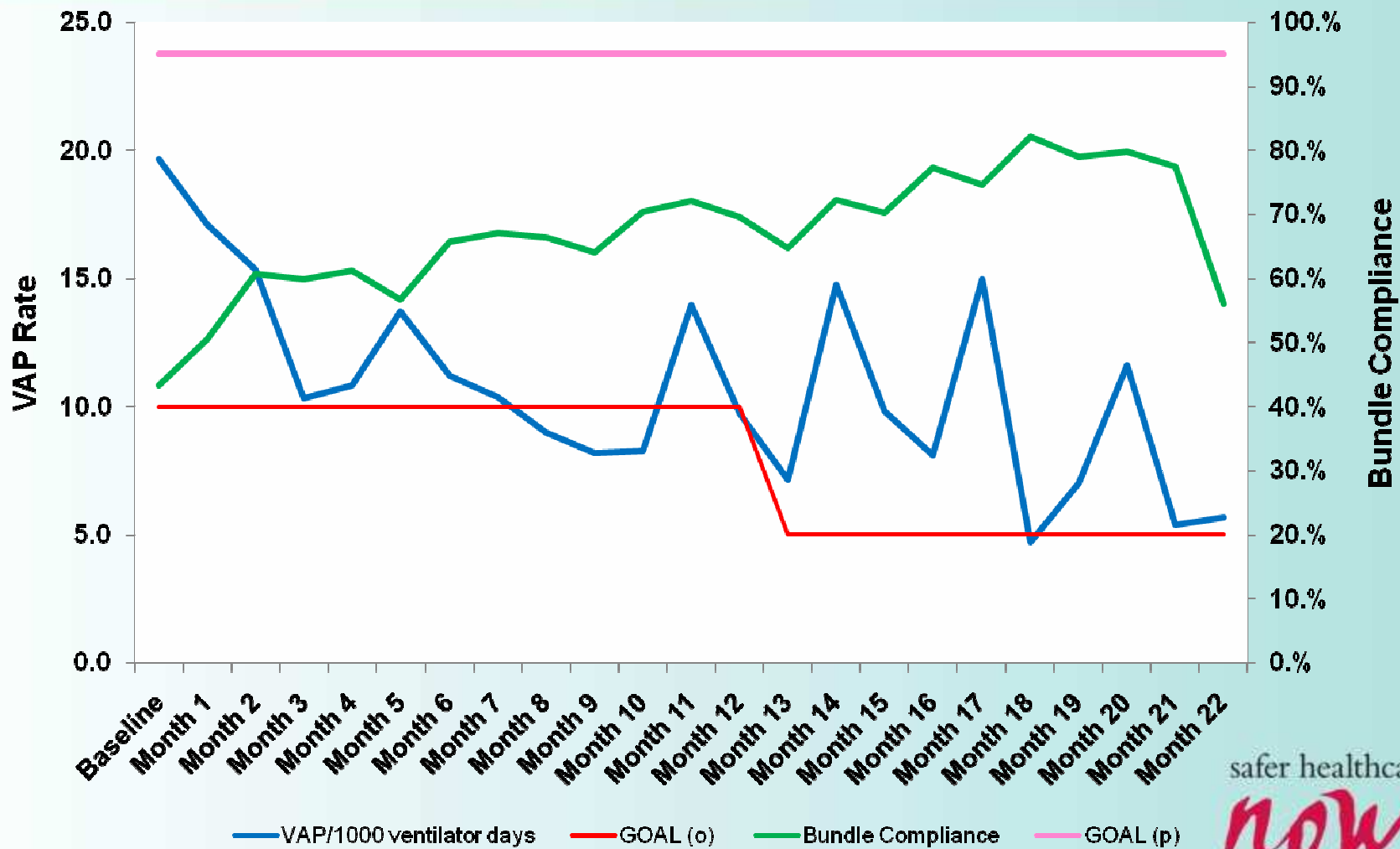
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VAP - PROCESS & Outcome



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