

Building Success with Small Improvements

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QAPI Process

- QAPI team sets priorities for improvement efforts
- Utilize interdisciplinary team to develop the improvement process
- Set a SMART goal to drive efforts
(**S**pecific **M**easurable **A**ttainable **R**elevant and **T**ime bound)
“Could your home reduce number of residents that self-report moderate to severe pain from 21.3 to 16.4% in 6 months?”
- Create interventions to achieve your goal (PDSA)

MDS Facility Level Report

Facility ID:

CCN:

Facility Name:

City/State:

Data was calculated on:

Report Period:

Comparison Group:

Run Date:

Report Version Number:

Note: Dashes represent a value that could not be computed

Note: S = short stay, L = long stay

Note: I = incomplete; data not available for all days selected

Note: * is an indicator used to identify that the measure is flagged

Measure Description	CMS ID	Data	Num	Denom	Facility Observed Percent	Facility Adjusted Percent	Comparison Group State Average	Comparison Group National Average	Comparison Group National Percentile
SR Mod/Severe Pain (S)	N001.01		10	20	50.0%	50.0%	27.1%	18.7%	97 *
SR Mod/Severe Pain (L)	N014.01		15	61	24.6%	17.7%	13.0%	7.7%	90 *
Hi-risk Pres Ulcer (L)	N015.01		3	76	3.9%	3.9%	7.6%	6.5%	35
New/worse Pres Ulcer (S)	N002.01		1	32	3.1%	2.1%	1.9%	1.0%	87 *
Phys restraints (L)	N027.01		0	102	0.0%	0.0%	0.6%	1.0%	0
Falls (L)	N032.01		63	102	61.8%	61.8%	52.4%	44.3%	90 *
Falls w/Maj Injury (L)	N013.01		6	102	5.9%	5.9%	5.3%	3.3%	84 *

Determine Your Improvement

Step 1: Determine your current numerator

Review your MDS 3.0 QM Facility Level report and find the numerator (N) for the above measure. Enter that number below:

$$N = \frac{13}{\text{(current numerator)}}$$

Step 2: Determine the number of residents for targeted interventions

Select one of the following goals (10% improvement or 20% improvement) to determine the number of residents for targeted interventions:

Goal (select one):		# Residents to Improve:
<input type="checkbox"/> 10% Improvement	N (from Step 1) = _____ x 0.1 =	_____ residents
<input checked="" type="checkbox"/> 20% Improvement	N (from Step 1) = <u>13</u> x 0.2 =	<u>2.6</u> residents

Calculate New Goal

Step 3: Determine your new goal

Subtract the number of residents that you are targeting for improvement from your current numerator. This will be your new numerator.

$$\frac{13}{\text{Current Numerator}} - \frac{3}{\text{\# of residents to improve}} = \frac{10}{\text{New Numerator}}$$

Divide the new numerator by your current resident population to determine your new rate or goal.

$$\frac{10}{\text{New Numerator}} \div \frac{61}{\text{Denominator}} = \frac{16.4\%}{\text{New Rate/Goal \%}}$$

Tracking QMs

Goal Tracking:

Note: See Appendix B for a goal setting worksheet to determine goals for the QAPI Action Plan

The following is/are the QAPI goals:

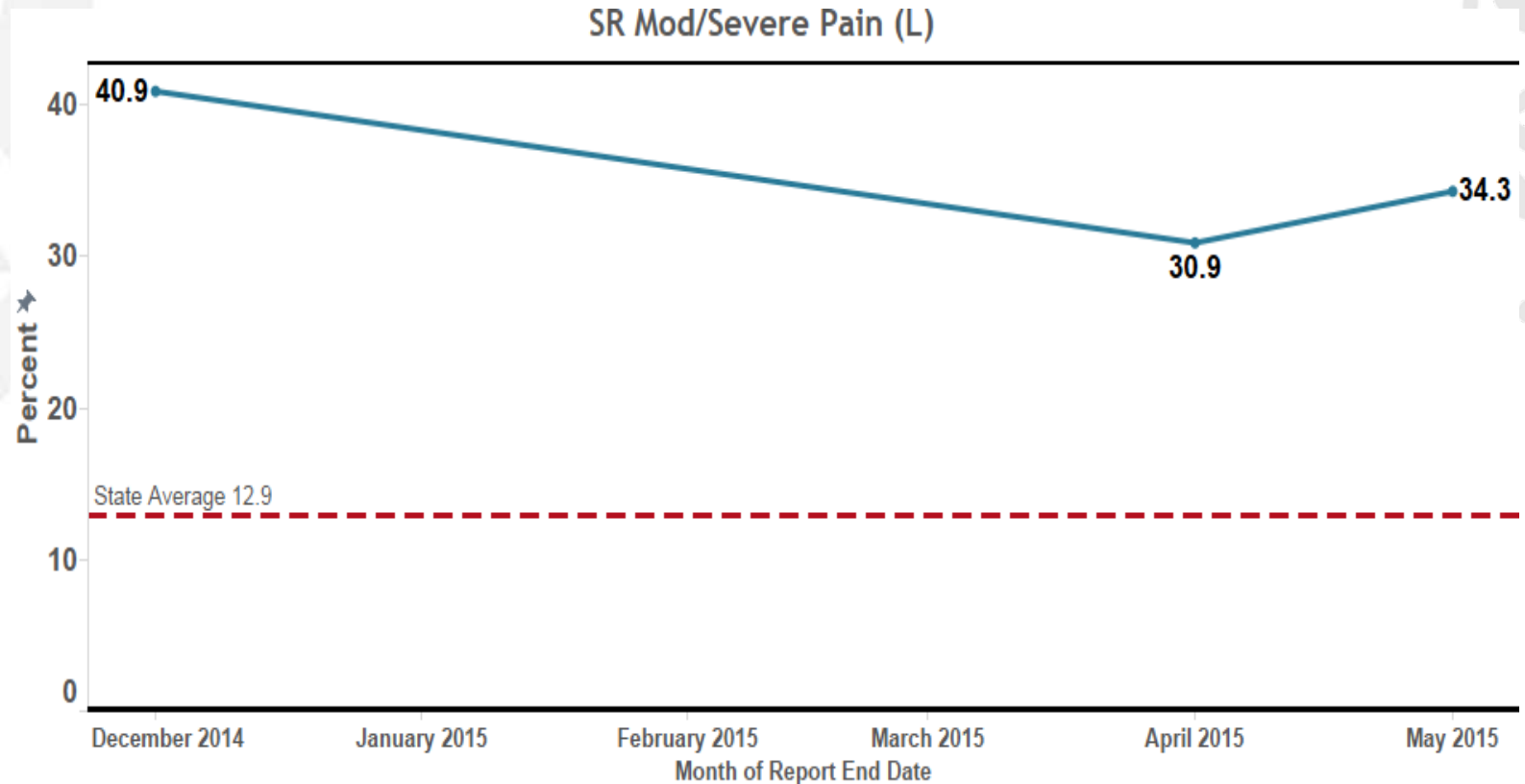
Ms#	Measure	Goal (10% or 20% improvement)	Goal Rate	Goal Date
1	Falls (State Avg = 52.2%)	10%	54.3%	12/31/15
2	Falls with Major Injury (State Avg = 5.6%)	Maintain		12/31/15
3	Self-Reported Pain (LS) (State Avg = 12.9%)	20%	16.4%	12/31/15
4	UTIs (State Avg = 7.4%)	Maintain		12/31/15
5	HR Pressure Ulcers (LS) (State Avg = 8.3%)	Maintain		12/31/15

Tracking Results

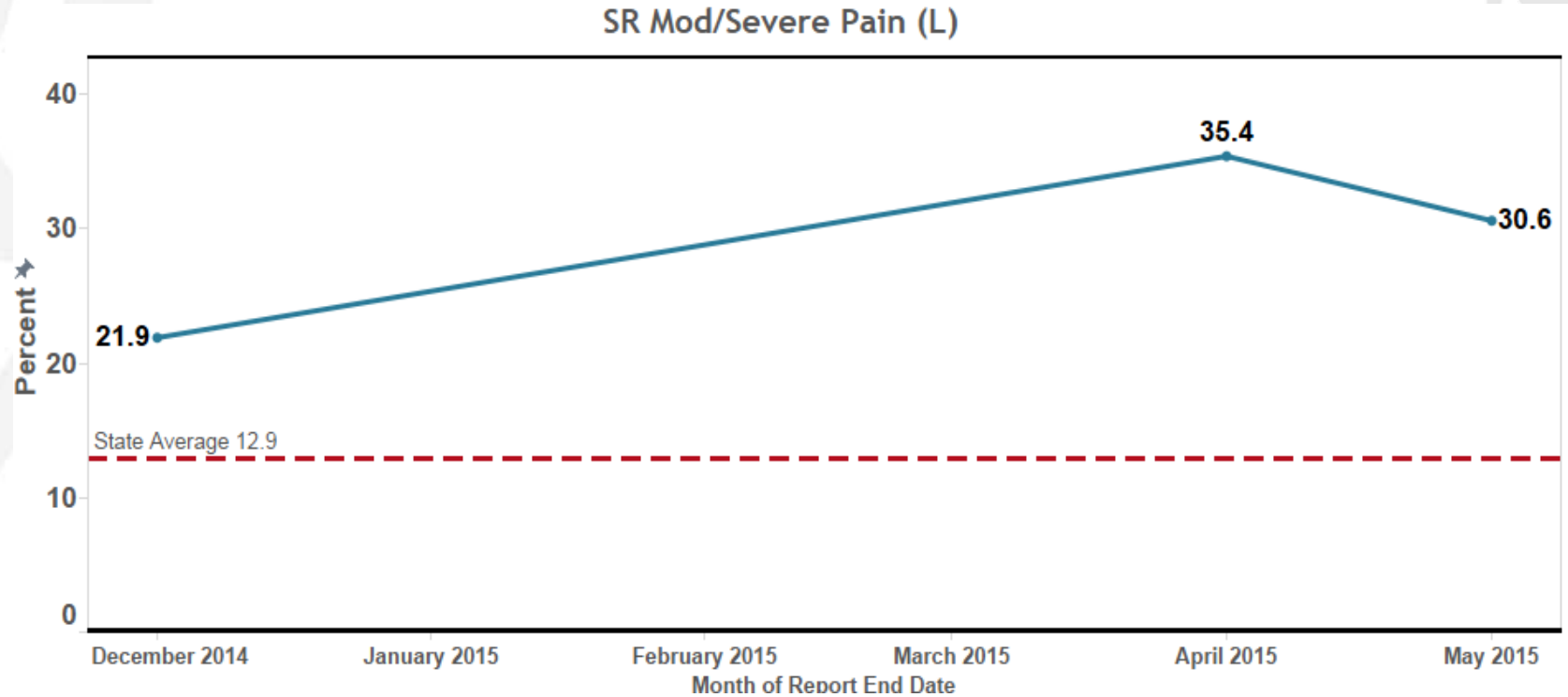
The following is documentation of the **improvement rates** as determined by data reviewed during QAPI team meetings:

Ms #	Baseline May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
1	60.2%	58.9%	57.9%								
2	5.6%	3.7%	3.7%								
3	21.3%	20.0%	17.5%								
4	6.7%	4.9%	4.0%								
5	2.6%	2.6%	2.8%								

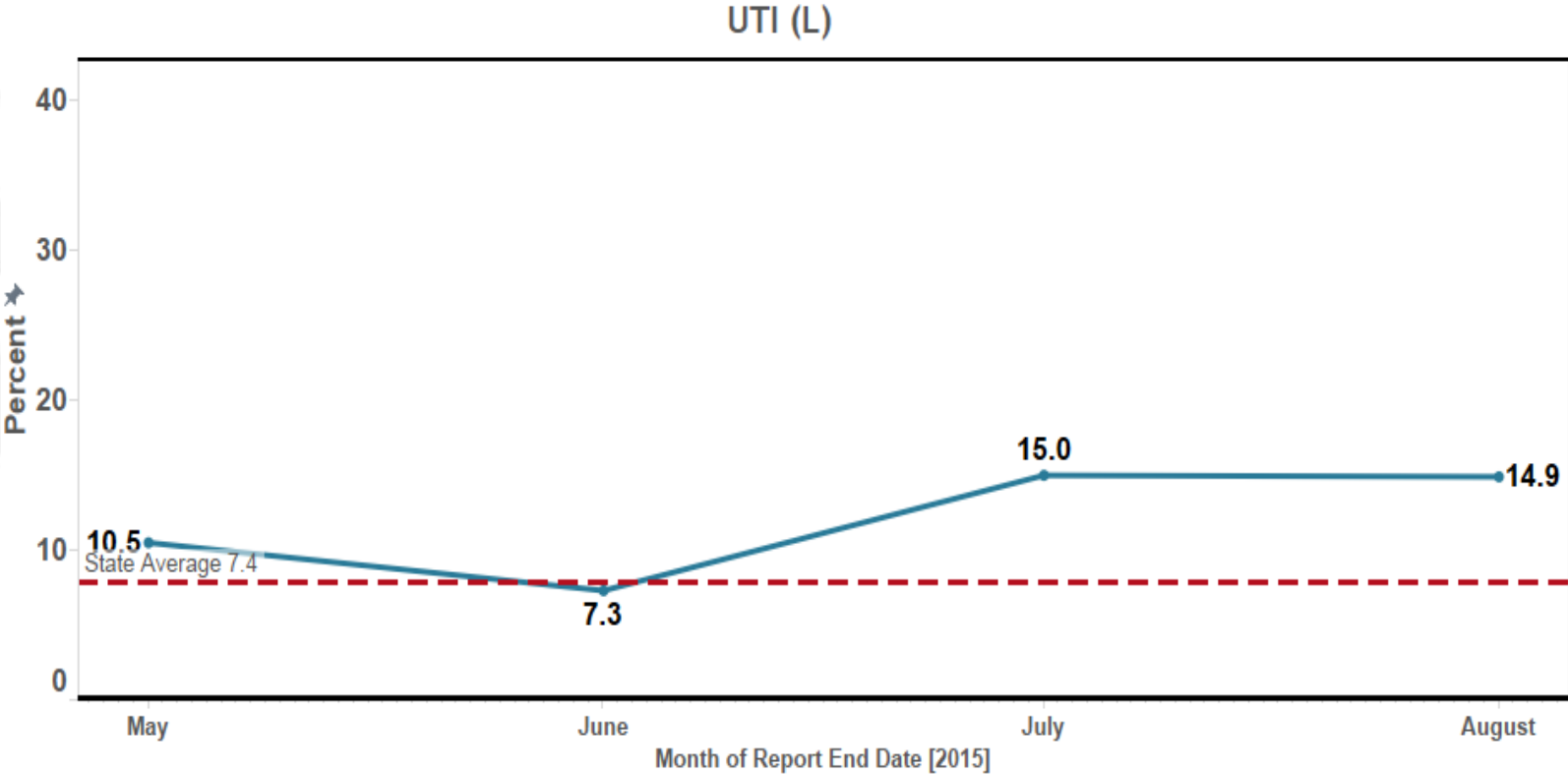
Tracking Pain Management



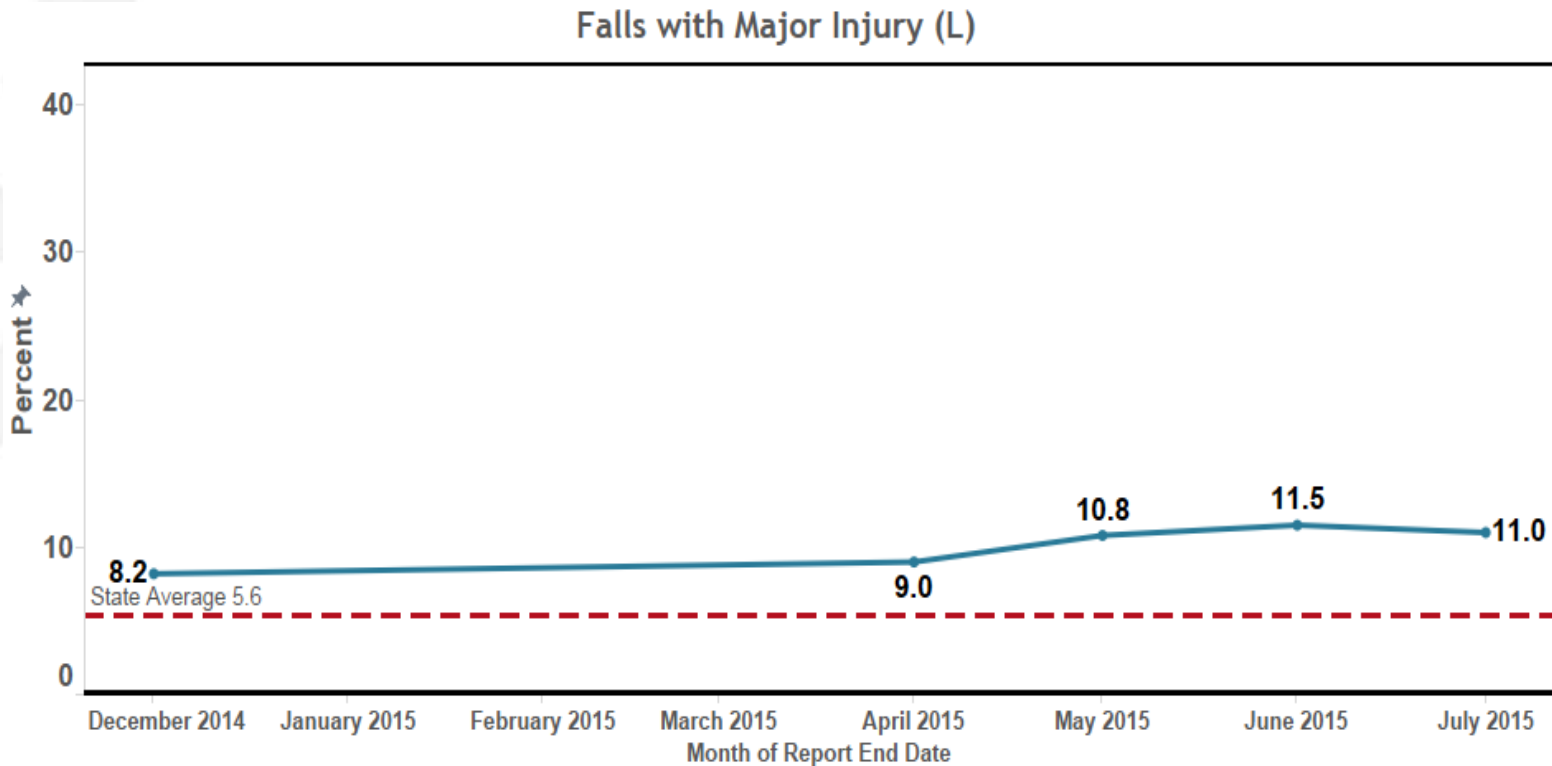
Tracking Pain Management



Tracking UTIs



Tracking Falls with Injury



MDS Resident Level Report

Facility ID:
Facility Name:
CCN:
City/State:
Data was calculated on:

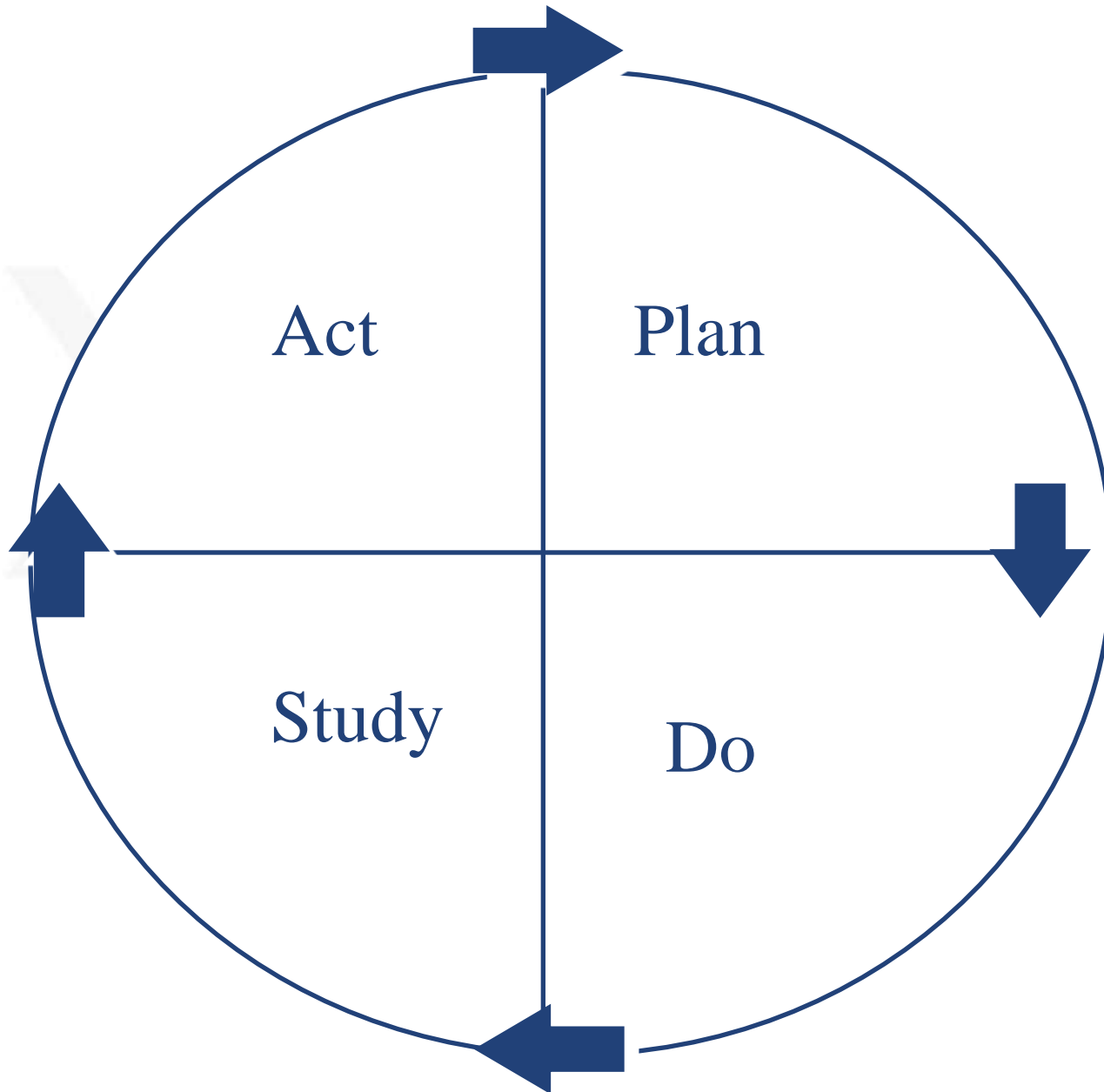
Report Period:
Run Date:
Report Version Number:

Note: S = short stay, L = long stay; X = triggered, b = not triggered or excluded,
 C = complete; data available for all days selected, I = incomplete; data not available for all days selected

Resident Name	Resident ID	A0310A/B/F	SR Mod/Severe Pain (S)	SR Mod/Severe Pain (L)	Hi-risk Pres Ulcer (L)	New/worse Pres Ulcer (S)	Phys restraints (L)	Falls (L)	Falls w/Maj Injury (L)	Antipsych Med (S)	Antipsych Med (L)	Antianxiety/Hypnotic (L)	Behav Sx Affect Others (L)	Depress Sx (L)	UTI (L)	Cath Insert/Left Bladder (L)	Lo-Risk Lose B/B Con (L)	Excess Wt Loss (L)	Incr ADL Help (L)	Quality Measure Count
Data			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Active Residents																				
		02/99/99	b	b	b	b	b	b	b	X	b	X	b	b	b	b	b	b	b	2
		99/99/11	b	b	b	b	b	X	X	b	X	b	b	b	b	b	b	b	b	3
		03/99/99	b	b	b	b	b	b	b	X	b	X	b	b	b	b	b	b	b	2
		02/99/99	b	b	b	b	b	X	b	b	X	b	b	b	b	b	X	b	b	3
		02/99/99	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	0
		03/99/99	b	b	b	b	b	X	b	b	b	b	b	b	b	b	b	b	b	1
		02/99/99	b	b	b	b	b	X	b	b	X	b	X	b	b	b	X	b	b	4
		02/99/99	b	b	b	b	b	X	b	b	X	b	X	b	b	b	b	b	b	3
		02/99/99	b	b	b	b	b	X	b	b	b	b	b	b	b	b	b	b	b	1
		03/99/99	b	b	b	b	b	X	b	b	b	b	b	b	b	b	b	b	b	1
		99/99/11	b	b	b	b	b	X	b	b	X	b	X	b	b	b	b	b	X	4
		02/99/99	b	X	b	b	b	b	b	b	b	b	b	b	X	b	X	b	b	3
		04/99/99	b	X	b	b	b	X	b	b	b	b	b	b	b	b	b	b	b	2
		02/99/99	b	b	b	b	b	X	b	b	b	b	X	b	b	b	b	b	b	2



The PDSA Cycle for Learning and Improvement



PLAN

- State the objectives/purpose
- Make predictions
- Develop a plan to test the change

DO

- Carry out the test
- Document problems and observations
- Begin to study the data

STUDY

- Complete the study of the data
- Compare the data to predictions
- Summarize and reflect

ACT

- Adopt-Adapt-Abandon
- Determine what modifications need to be made.
- Prepare a plan for the next test.



Small-scale, Rapid PDSA Cycle-Plan

Purpose:

Decrease resident pain by use of whirlpool bath

Plan:

- Make sure whirlpool is working
- Schedule time for resident in whirlpool
- Have staff available and able to assist resident

Do:

- Resident uses the whirlpool
- Record effects of whirlpool

Study:

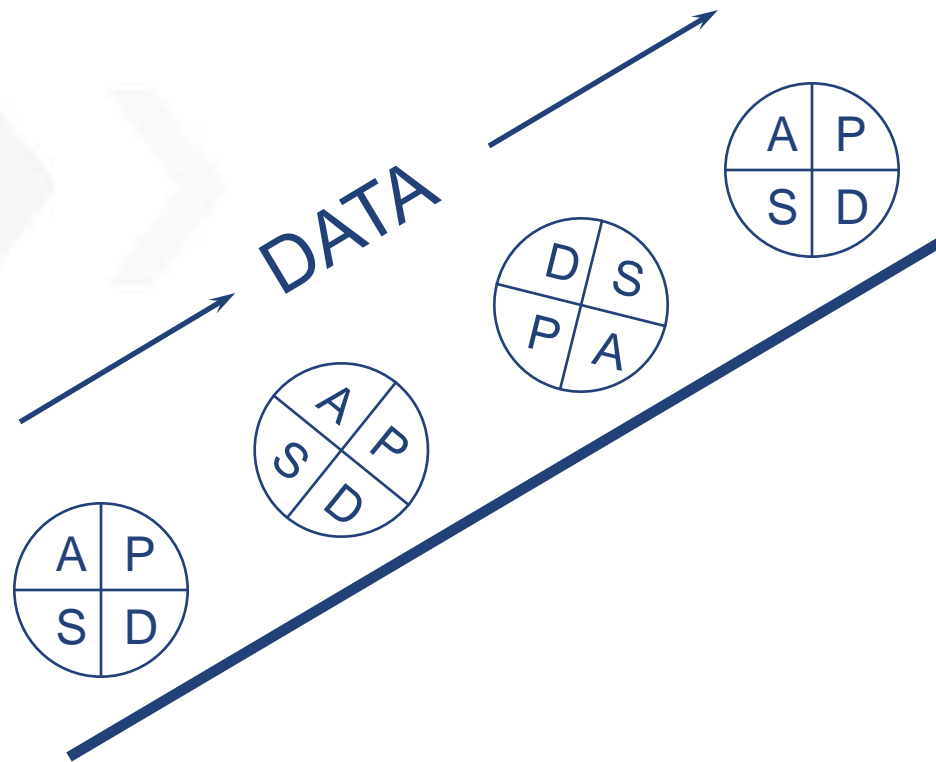
- What were the effects of the whirlpool

Act:

- Adopt-Adapt-Abandon

Repeated Use of the Cycle

Changes That
Result in
Improvement



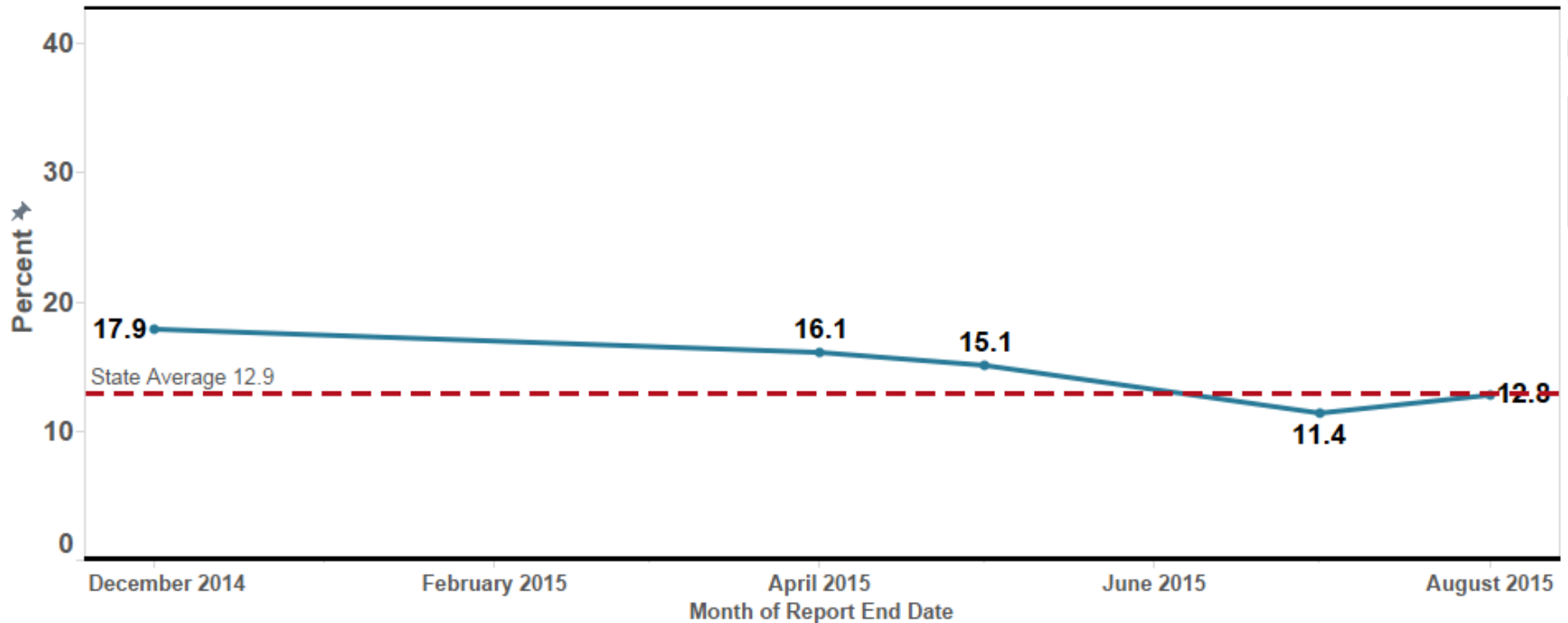
Hunches
Theories
Ideas

TIPS FOR TESTING CHANGE

- Always stay one cycle ahead
- Small scale does not equal small change
- Choose changes that do not require long process of approval
- Don't reinvent the wheel

Tracking to Show Success!

SR Mod/Severe Pain (L)



Want to participate?

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