

# Using Data for Action: CDC's TAP Strategy for HAI Prevention

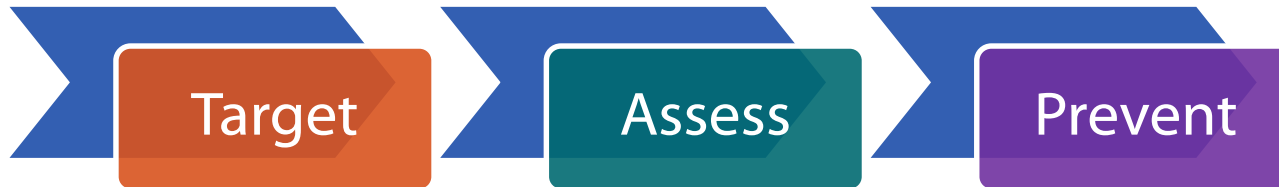


**Katie White, MPH**

*Division of Healthcare Quality Promotion  
Centers for Disease Control and Prevention*

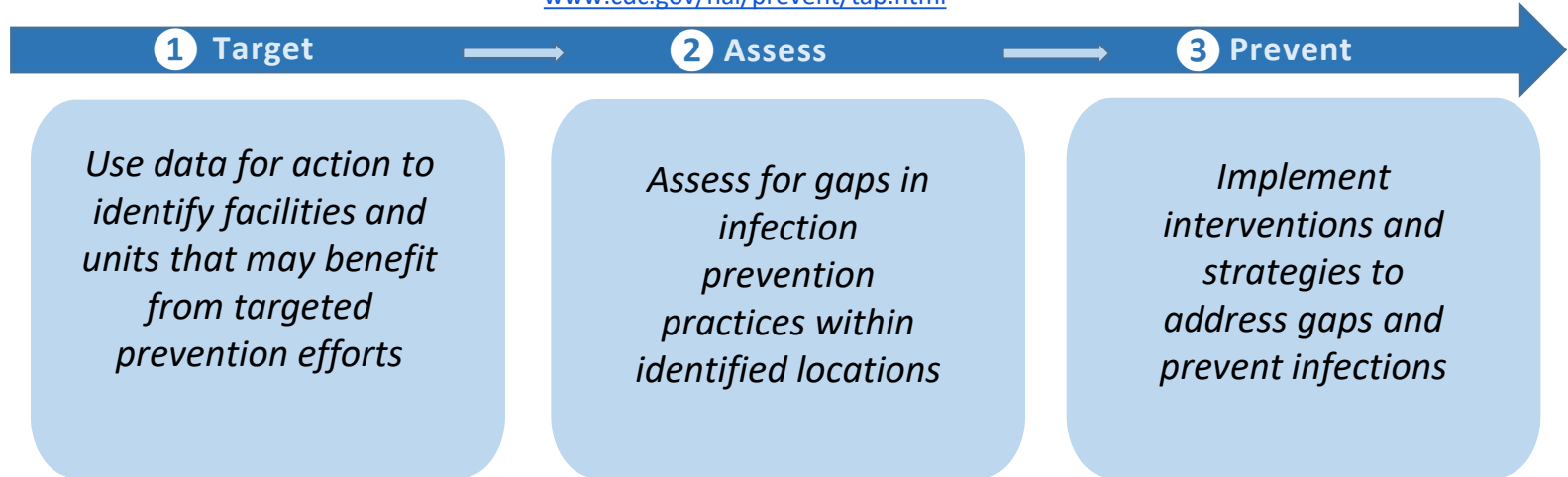
# What is the TAP Strategy

- Framework for quality improvement that uses data for action to prevent HAIs
- Allows users to:
  - Prioritize prevention efforts to where they will have the greatest impact
  - Identify specific gaps through standardized assessments
  - Customize strategies to address gaps
- Maximizes impact with limited resources





Targeted Assessment for Prevention: *Using Data for Action*  
[www.cdc.gov/hai/prevent/tap.html](http://www.cdc.gov/hai/prevent/tap.html)



*CDC is available to provide technical assistance for all components of the TAP Strategy for CAUTI, CLABSI, and CDI*

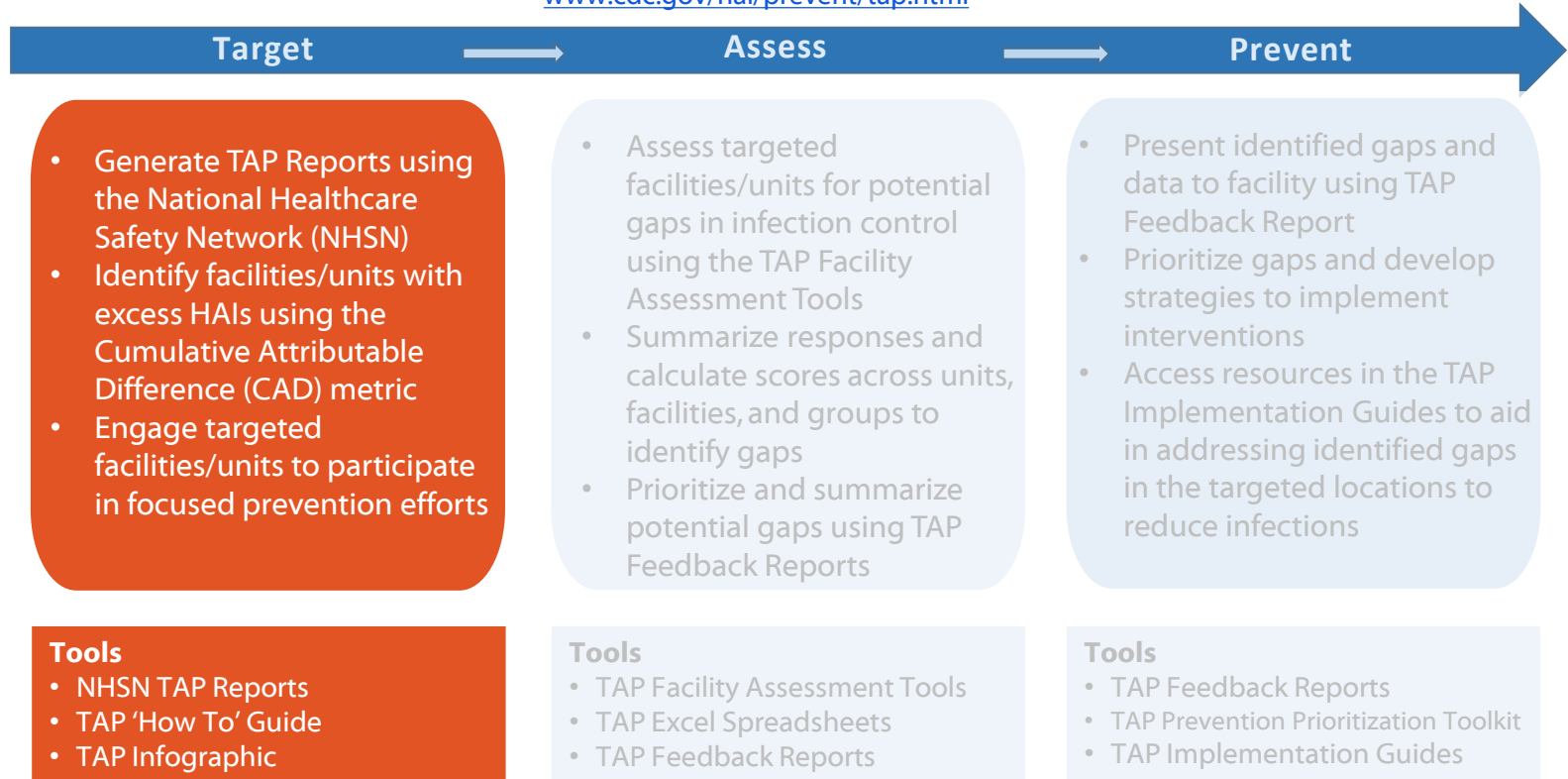
# What is the TAP Strategy

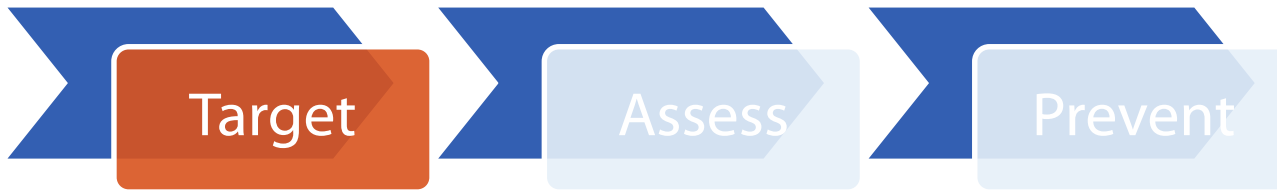
- Many partners utilize the TAP Strategy
  - Individual facilities and health systems
  - State and local health departments
  - Hospital Associations, HIINs, QIN-QIOs
- Primarily developed for acute care settings, but concepts and tools can be used in other settings
  - If NHSN data are not available, may use other data or contextual factors to target areas of greatest need
  - May modify and tailor Assessment questions to better fit different settings and patient populations
  - Many prevention resources are available for various settings and can be adapted as needed



## Targeted Assessment for Prevention: *Using Data for Action*

[www.cdc.gov/hai/prevent/tap.html](http://www.cdc.gov/hai/prevent/tap.html)





TAP Reports are available within the Patient Safety Component of NHSN for the following facilities and HAIs:

Facility Type	CLABSI	CAUTI	CDI LabID	MRSA LabID
Acute Care Hospital	✓	✓	✓	✓
Long Term Acute Care Hospital	✓	✓	✓	
Inpatient Rehab Facility		✓	✓	

# Cumulative Attributable Difference (CAD)

*A Measure to Target Prevention to Reach  
HAI Reduction Goals*

$$\text{CAD} = \text{OBSERVED} - (\text{PREDICTED} * \text{SIR}_{\text{goal}})$$

- CAD is the # of infections needed to prevent to reach an HAI reduction goal ( $\text{SIR}_{\text{goal}}$ )
  - Positive** CAD = more infections than predicted (“excess”) based on goal
  - Negative** CAD = fewer infections than predicted based on goal
- $\text{SIR}_{\text{goal}}$  = Target or goal defined by the User when running TAP Reports

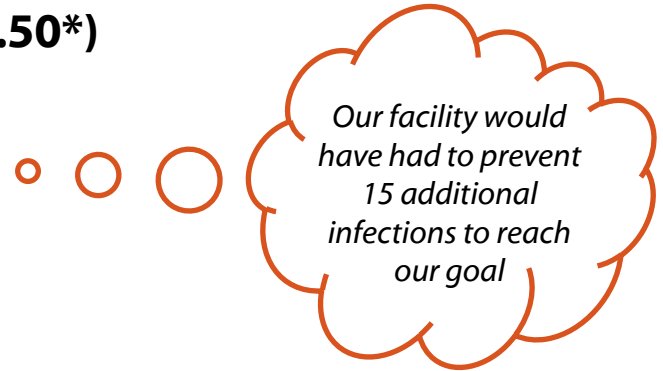
# Cumulative Attributable Difference (CAD)

Facility Org ID	CCN	Summary YR	Events	Number Predicted	Urinary Catheter Days	SIR	SIR p-value	95% Confidence Interval
10000		2017	50	70.805	39772	0.706	0.0097	0.530, 0.923

$$\text{CAD} = \text{Observed \# HAIs} - (\text{Predicted \# HAIs} \times \text{SIR goal})$$

$$\text{CAD} = 50 - (70.805 \times 0.50^*)$$

$$\text{CAD} = 14.60$$



\*Custom SIR goal = 0.50



# Helpful Hints for Running TAP Reports

- TAP reports are built on the rules that influence SIRs.
- Ensure that locations are mapped correctly:  
[https://www.cdc.gov/nhsn/pdfs/pscmanual/15locationsdescriptions\\_current.pdf](https://www.cdc.gov/nhsn/pdfs/pscmanual/15locationsdescriptions_current.pdf).
- Verify that an up-to-date data set was generated
- Use Time Periods of at least 1 quarter
- Remember to look at the footnotes!



***Instructions for running a TAP Report can be found at:***

***<https://www.cdc.gov/nhsn/ps-analysis-resources/reference-guides.html>***

# Facility TAP Report – CLABSI or CAUTI

Units ranked by CAD within a facility.



Facility CAD



The Facility CAD indicates how many infections this hospital would have had to prevent to reach its goal.

FACILITY			LOCATION									
Facility Org ID	Facility Name	Facility CAD	Location Rank	Location	CDC Location	Events	Central Line Days	DUR %	CAD	SIR	SIR Test	No. Pathogens (CNS,YS,SA,ES,KS,EC)
10000	DHQP Memorial Hospital	20.52	1	1 West	IN:ACUTE:WARD:M	14	2269	49	13.10	7.81		17 (2, 3, 0, 5, 5, 0)
			2	2 West	IN:ACUTE:WARD:M	4	1349	42	3.40	3.34		4 (0, 2, 0, 1, 1, 0)
			3	SICU	IN:ACUTE:CC:S	3	1062	9	2.58	.		2 (0, 0, 0, 0, 0, 0)
			4	5 West	IN:ACUTE:WARD:M	2	983	9	1.61	.		2 (0, 0, 0, 2, 0, 0)
			5	STEP2	IN:ACUTE:STEP	1	1007	32	0.55	.		1 (0, 1, 0, 0, 0, 0)
			6	CCU	IN:ACUTE:CC:C	0	0	0	0.00	.		
			7	2 East	IN:ACUTE:WARD:MS	0	0	0	0.00	.		
			8	MICU	IN:ACUTE:CC:M	0	609	9	-0.24	.		
			9	ICU	IN:ACUTE:CC:MS	0	1233	50	-0.49	.		

# Facility TAP Report – CDI LabID or MRSA

## National Healthcare Safety Network

### TAP Report for FACWIDEIN CDI LabID data for Acute Care and Critical Access Hospitals (2015 Baseline)

#### Facilities Ranked by CAD 'Cumulative Attributable Difference'

SIR Goal: HHS Goal = 0.7

As of February 16, 2017 at 2:00 PM

Date Range: BS2\_CDI\_TAP summaryYr2016 to 2016



Facility Org ID	Facility Name	State	Type of Facility	Type of Affiliation	Number of Beds	Patient Days	COHCFA Prevalence	CDIF Facility Incident HO LabID Event Count	CDIF Facility Incident HO LabID Number Expected	Facility CAD	SIR	SIR Test
10401	DHQP Memorial Hospital	GA	HOSP-GEN	M	354	60059	0.14	61	55.034	22.48	1.108	

SIR is set to '.' when expected number of events is <1.0.

Facility Rank = Priority ranking for Targeted Assessment of Prevention by CAD in descending order

COHCFA PREVALENCE RATE = Community-onset healthcare facility-associated CDI prevalence rate per 100 admissions

CAD = Observed - Expected\*SELECTED CAD MULTIPLIER

SIR TEST = 'SIG' means SIR > SIR Goal significantly

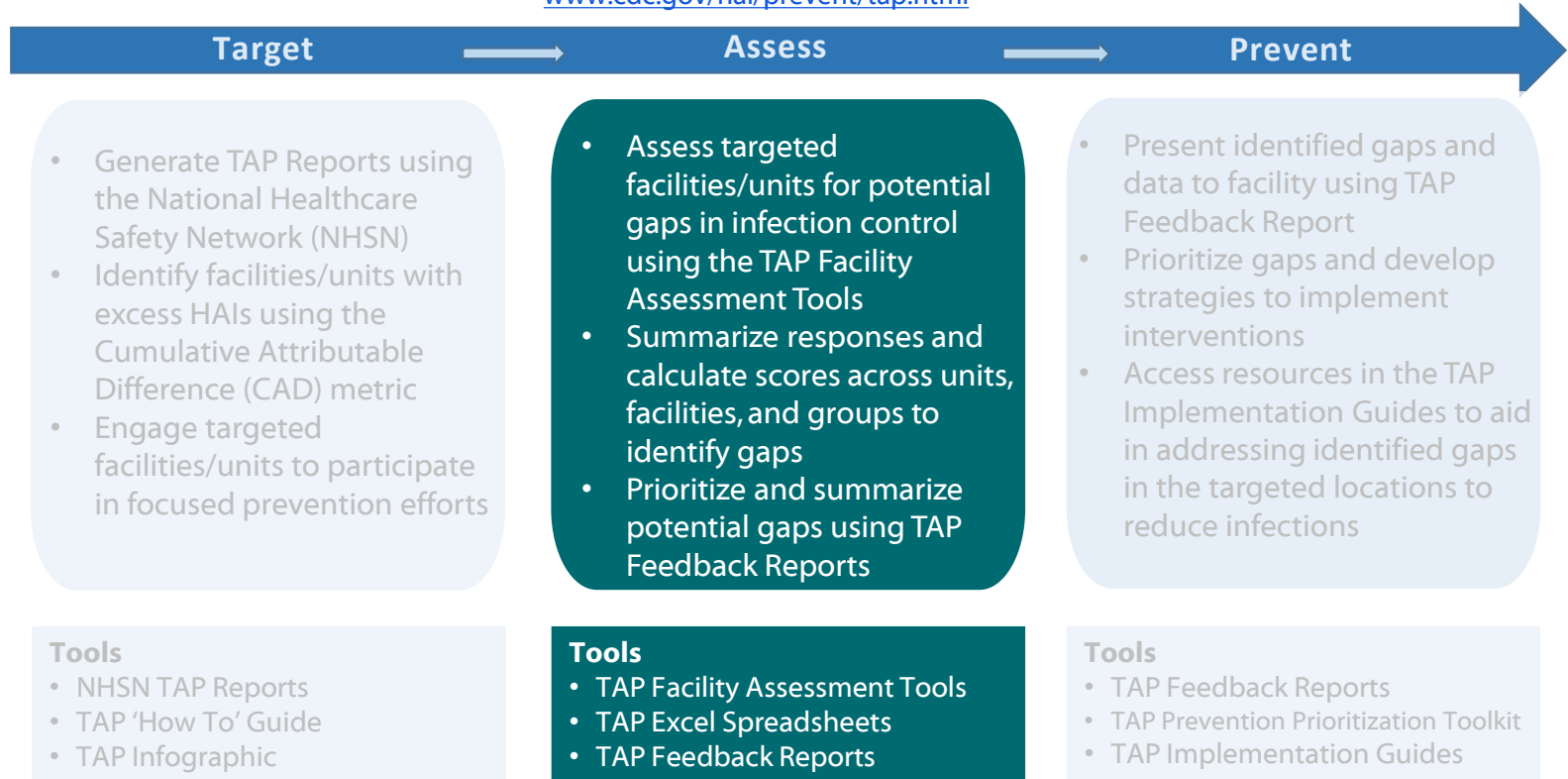
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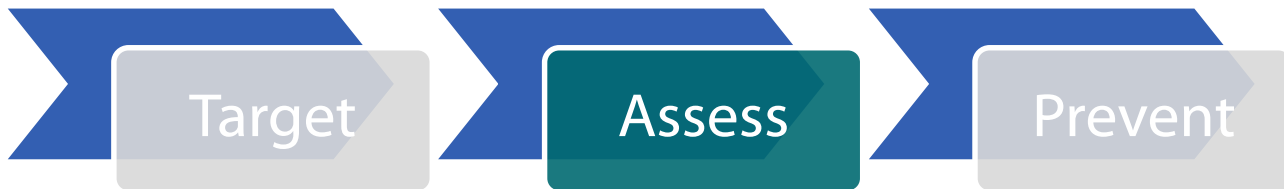
- Data are only applicable at the FACWIDEIN level
- CDI and MRSA TAP Reports will also include an NHSN Line Listing that displays the number of infections by unit (note that these are counts, not adjusted rates or SIRs)



## Targeted Assessment for Prevention: *Using Data for Action*

[www.cdc.gov/hai/prevent/tap.html](http://www.cdc.gov/hai/prevent/tap.html)





CDC > Healthcare-associated Infections (HAI) > Prevention/HAI

### The Targeted Assessment for Prevention (TAP) Strategy

[f](#) [t](#) [+](#)

#### TAP Resources

##### Target

- Individual Facility User – TAP 'How To' Guide [PDF - 1.41 MB]
- Group User – TAP 'How To' Guide [PDF - 1.35 MB]
- Targeted Assessment for Prevention of Healthcare-Associated Infections: A New Prioritization Metric – Journal article by Soe et al. published in *Infection Control & Hospital Epidemiology* describing the cumulative attributable difference (CAD) metric.
- Example Letter [DOC - 172 KB] – From a State Health Department to a Healthcare Facility, encouraging participation in state and regional prevention collaboratives.
- TAP Strategy Reports – NHSN Guidance on Generating a TAP Report
- TAP Glossary of Terms March 2015 [PDF - 127 KB]
- TAP Training – NHSN Data Entry and Analysis

##### Assess

- CAUTI TAP Facility Assessment Tool v2.0 – May 2016 [PDF - 2 MB]
- CLABSI TAP Facility Assessment Tool v3.0\* – March 2018 [PDF - 1 MB]
- CLABSI TAP Facility Assessment Tool v2.0\* – August 2016 [PDF - 924 KB]
- CDI TAP Facility Assessment Tool v5.0\* – April 2018 [PDF - 2 MB]
  - CDI TAP Facility Assessment Tool v5.0 – April 2018 – Spanish Translation [PDF - 727 KB]
- CDI TAP Facility Assessment Tool v4.0\* – July 2016 [PDF - 313 KB]
- CDI Facility Assessment Tool – Instructions [PDF - 383 KB]
- CDI Facility Assessment Tool – Lab section [PDF - 277 KB]
- CDI Facility Assessment Tool – Stewardship section [PDF - 313 KB]

TAP Facility Assessments for  
CAUTI, CLABSI, and CDI  
<http://www.cdc.gov/hai/prevent/tap.html>

## Assess

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- CLABSI TAP Facility Assessment Tool v3.0\* – March 2018 [PDF - 1 MB]
- CDI TAP Facility Assessment Tool v5.0\* – April 2018 [PDF - 2 MB]

# TAP Facility Assessment Tools

- Aim to capture *awareness and perceptions* among facility staff and healthcare personnel related to prevention policies and practices
  - Using evidence-based guidance and recommendations
- Real-time teaching moments may make deployment an intervention in itself
  - Generates conversation, “Aha” moments, cues to action
- Actively engages frontline staff in quality improvement and infection prevention efforts



*TAP Assessments allow one to “prioritize and systematically close the gaps.”*

- Jamie Moran, MSN, RN, CIC, formerly of Qualis Health

# TAP Facility Assessment Tools

- Should be administered to a variety of staff and healthcare personnel
  - Frontline providers
  - Mid-level staff
  - Facility's senior leadership
- Collection of multiple assessments is recommended for interpreting results
  - The greater number of assessments completed, the greater the ability to identify gaps and target prevention

# TAP Facility Assessment Tools

- Collect assessments from frontline providers
  - From across facility
  - From specific units/locations identified from TAP Reports, line listings, or other contextual factors
- Multiple deployment methods are available:
  - Paper
  - SurveyMonkey
  - RedCAP

*Deployment may include a combination of methods*



# Facility Assessment Tool

## I. General Infrastructure, Capacity, and Processes (Continued)

Feedback	
<b>Does your facility routinely provide feedback data to healthcare personnel on:</b>	
21. CLABSI rates and/or standardized infection ratios (SIR)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
22. Central line device utilization ratios (DUR)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown

Divergent  
responses

# Facility Assessment Tool

II. Appropriate Indications for Indwelling Urinary Catheter Insertion	Response Choices					
	Never	Rarely	Sometimes	Often	Always	Unknown
1. Do ordering providers document an indication for indwelling urinary catheters?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Do ordering providers use indwelling urinary catheters for appropriate indications?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Do personnel use alternative strategies for management of urinary incontinence (e.g., external catheters, bedside commodes, scheduled toileting, garments/pads)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Do personnel use bladder scanners to confirm urinary retention before placing or replacing urinary catheters?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Teaching  
tool

# Facility Assessment Tool

III. Aseptic Indwelling Urinary Catheter Insertion	Response Choices					
	Never	Rarely	Sometimes	Often	Always	Unknown
1. Are supplies/kits for proper aseptic indwelling urinary catheter insertion available in all patient care locations where urinary catheters are inserted?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Does your facility require at least two personnel to be present for indwelling urinary catheter insertions – one to perform the insertion and the other(s) to observe the procedure to ensure proper aseptic technique (e.g., using a checklist)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Does the person inserting the indwelling urinary catheter document the insertion procedure (e.g., date, person[s] performing procedure, complications)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Useful  
'Unknowns'



# Summarizing Assessments

# TAP Feedback Reports

- Report created for each facility that summarizes TAP Facility Assessment results and identifies opportunities for improvement
  - Allows facilities to customize prevention efforts to areas of greatest need
- Facilities can further target prevention by identifying gaps that may be unique to select groups
  - Can review results and tailor interventions to specific units and/or respondent roles (e.g., Nurses, Physicians, Environmental Services)



# TAP Feedback Report

## Sample CAUTI Feedback Report

Catheter-associated Urinary Tract Infection (CAUTI) Facility Assessment Tool—Feedback Report

<b>Date Range:</b>	<b>19</b>	<b>16.83</b>	<b>6.4</b>	<b>1.13</b>	<b>0.93</b>	<b>1.01</b>
Enter Date Range of Data	Number of healthcare facility-onset CAUTIs	Number of predicted healthcare facility-onset CAUTIs	Facility Cumulative Attributable Difference (CAD), or the number of infections the facility would have needed to prevent to achieve an HAI reduction  goal SIR of 0.75	Healthcare facility- onset CAUTI Standardized Infection Ratio (SIR)	2016 National healthcare facility- onset CAUTI SIR	2016 State healthcare facility-onset CAUTI SIR
				SIR >1.0 indicates more infections than predicted		

Summarizes  
facility  
infection data

<b>Assessment Overview</b> # Collected: 54 # Analyzed: 54 Overall Mean Score: 33.9 out of 52, or 65%  Note: If this report represents fewer than 30 assessments, results may not be fully representative of the awareness and perceptions of infection prevention practices among healthcare personnel. Scoring and results are for the purpose of internal quality improvement and should <u>not</u> be used as a method to benchmark against other units or facilities.		<b>Leading*</b> Work group/staff focused on prevention activities; Training and feedback on insertion; Competency assessments of catheter maintenance Ordering of catheters for appropriate indications; Education of patients/families on indications for and care of urinary catheters Requirement for two personnel to be present for insertion and documentation of procedure; Urinary drainage system kept closed to maintain sterility Identification of patients with catheters and daily review of need; Removal of catheters by nurses & physician support of nurse-directed catheter removal protocol	<b>Lagging†</b> Leadership promotion of CAUTI prevention; Routine audits of catheter appropriateness; Feedback of performance on catheter maintenance Awareness of urinary catheter ordering and documentation procedures in ED; Ordering of a urinalysis at the same time of urine culture Availability of supplies/kits for proper insertion; Use of preconnected, sealed urinary catheter drainage systems Removal of urinary catheters in PACU; Nurses respond to alerts or reminders by removing unnecessary urinary catheters
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Summarizes  
overall  
'Leading'  
and  
'Lagging'  
items

### Selected Deep Dives – Top Opportunities for Improvement\*

I. General Infrastructure	II. Appropriate Indications for Insertion	III. Aseptic Insertion	IV. Proper Catheter Maintenance	V. Timely Removal	VI. Appropriate Urine Culturing Practices
Leadership promotion and Physician Champion for CAUTI prevention activities	Order provided in ED prior to insertion of an indwelling urinary catheter	Availability of supplies/kits for proper aseptic insertion of urinary catheters	Use of pre-connected, sealed urinary catheter drainage systems	Removal of urinary catheters in PACU if no indication for continued use after surgery	Ordering of a urinalysis at same time of urine culture
Routine audits of indwelling urinary catheter appropriateness	Ordering of urinary catheters for appropriate indications by ED providers			Nurses respond to alerts or reminders by removing unnecessary urinary catheters or notifying physician	
Feedback of performance on adherence to proper catheter maintenance procedures	Documentation of an indication when urinary catheters are ordered by ED providers				

Identifies  
specific gaps  
by domain

# TAP Feedback Report

## Responses Per Question

*Please note: Selected LEADING results are highlighted in green (>75% Yes, or >75% for sum of Often+Always). Selected LAGGING results are highlighted in red (>33% Unknown, >50% No, >50% for sum of Never+Rarely+Sometimes+Unknown). It is strongly encouraged that each unit and facility review all of the data available to target other potential opportunities for improvement, aligning to ongoing and/or planned areas for intervention where possible. Data may not be representative of actual practices, as these are self-reported respondent perceptions.*

### I. General Infrastructure, Capacity, and Processes

Question	Yes	No	Unknown
1. Does your facility's senior leadership actively promote CAUTI prevention activities?	31%	44%	24%
2. Is unit-level leadership involved in CAUTI prevention activities?	37%	24%	39%
3. Does your facility currently have a team/work group focusing on CAUTI prevention?	85%	4%	11%
4. Does your facility have a staff person with dedicated time to coordinate CAUTI prevention activities?	81%	11%	7%
5. Does your facility have a nurse champion for CAUTI prevention activities?	76%	6%	18%
6. Does your facility have a physician champion for CAUTI prevention activities?	50%	29%	21%

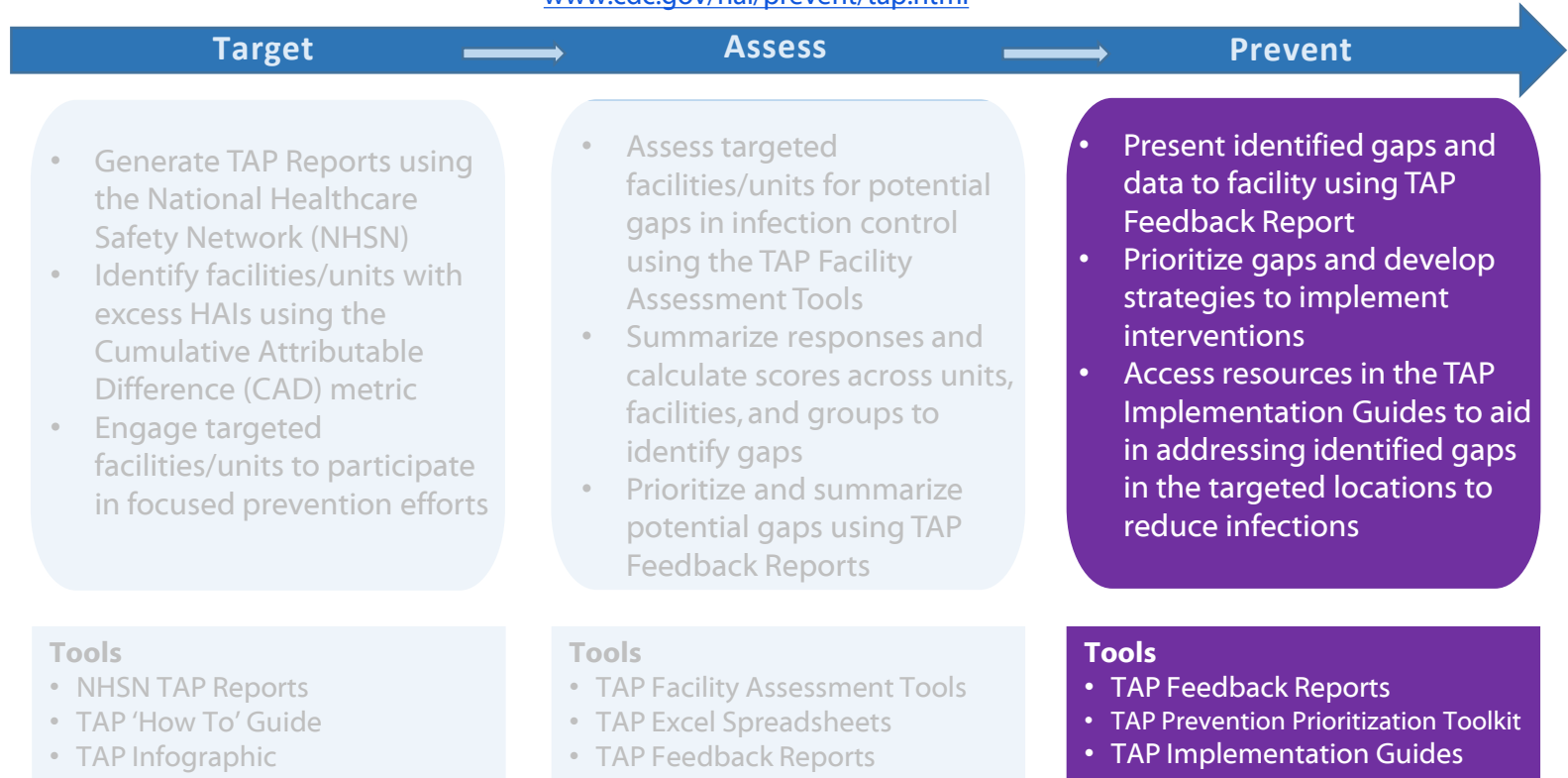
Displays response frequencies per question and highlights potential gaps



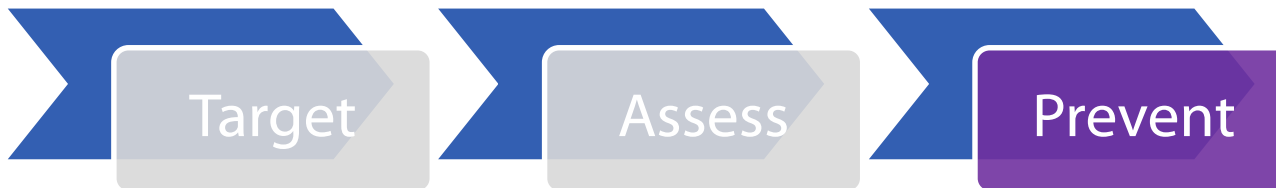


## Targeted Assessment for Prevention: *Using Data for Action*

[www.cdc.gov/hai/prevent/tap.html](http://www.cdc.gov/hai/prevent/tap.html)



# Addressing Identified Gaps



- Data and Statistics
- Types of Infections
- Diseases and Organisms
- Preventing HAIs
- ▶ Targeted Assessment for Prevention (TAP)**
  - TAP CAUTI Toolkit Implementation Resources
  - TAP CDI Implementation Resources
  - TAP CLABSI Implementation Guide
- State Policy Resources
- ELC Activities
- Guidelines and Recommendations
- Toolkits
- Basic Infection Control and Prevention Plan for Outpatient Oncology Settings
- Outpatient Care Guide
- Tools for Protecting Healthcare Personnel
- Infection Control Assessment Tools
- CDC HAI Commentaries
- CE Webinar Series
- Map: HAI Prevention Activities
- Research
- Patient Safety
- Outpatient Settings
- Laboratory Resources
- Outbreak and Patient Notifications
- Widgets, Buttons and Badges



## The Targeted Assessment for Prevention (TAP) Strategy



### TAP Resources

#### Target

- Individual Facility User - TAP 'How To' Guide [PDF - 1.41 MB]
- Group User - TAP 'How To' Guide [PDF - 1.35 MB]
- [Targeted Assessment for Prevention of Healthcare-Associated Infections: A New Prioritization Metric](#) - Journal article by Soe et al. published in *Infection Control & Hospital Epidemiology* describing the cumulative attributable difference (CAD) metric.
- Example Letter [DOC - 172 KB]
  - From a State Health Department to a Healthcare Facility, encouraging participation in state and regional prevention collaboratives.
- TAP Strategy Reports
  - NHSN Guidance on Generating a TAP Report
- TAP Glossary of Terms March 2015 [PDF - 127 KB]
- TAP Training - NHSN Data Entry and Analysis

#### Assess

- CAUTI TAP Facility Assessment Tool v2.0 - May 2016 [PDF - 1.5 MB]
- CDI TAP Facility Assessment Tool - Instructions v4.0 - July 2016 [PDF - 383 KB]
- CDI TAP Facility Assessment Tool v4.0 - July 2016 [PDF - 1 MB]
- CDI TAP Facility Assessment Tool - Lab section v4.0 - July 2016 [PDF - 256 KB]
- CDI TAP Facility Assessment Tool - Stewardship section v4.0 - July 2016 [PDF - 301 KB]
- CLABSI TAP Facility Assessment Tool v2.0 - August 2016 [PDF - 998 KB]

#### Prevent

- TAP CAUTI Toolkit Implementation Guide: Links to Example Resources
- TAP CDI Implementation Guide: Links to Example Resources
- TAP CLABSI Implementation Guide: Links to Example Resources

## TAP Implementation Guides

<http://www.cdc.gov/hai/prevent/tap.html>

## Prevent

- [TAP CAUTI Toolkit Implementation Guide: Links to Example Resources](#)
- [TAP CDI Implementation Guide: Links to Example Resources](#)
- [TAP CLABSI Implementation Guide: Links to Example Resources](#)

# TAP Implementation Guides

## TAP Catheter-Associated Urinary Tract Infection (CAUTI) Implementation Guide: Links to Example Resources

Open All

Close All

**Disclaimer:** The links in the domains below are not mutually exclusive nor do they represent an exhaustive list of all the possible resources available. Furthermore, the links presented do not constitute an endorsement of these organizations or their programs by the Centers for Disease Control and Prevention (CDC) or the federal government, and none should be inferred.

See also the [CDC Guideline for Prevention of Catheter-Associated Urinary Tract Infections 2009](#)  [PDF - 407 KB]

General Infrastructure, Capacity, and Processes	+
Appropriate Indications for Indwelling Urinary Catheter Insertion	+
Aseptic Insertion of Indwelling Urinary Catheter	+
Proper Indwelling Urinary Catheter Maintenance	+
Timely Removal of Indwelling Urinary Catheter	+
Appropriate Urine Culturing Practices	+








Domains  
align with  
TAP  
Assessments

# TAP Implementation Guides

- Each Domain provides actionable partner resources that can be used to address gaps and prevent infections

## [Aseptic Insertion of Indwelling Urinary Catheter](#)

### Example Resources

- [Streamlined Evidence-Based RN Tool](#)  [PDF – 2 pages]   
Nurse-driven indwelling urinary catheter tool, including insertion checklist, from the American Nurses Association
- [Let's start using ANA's CAUTI Tool – Video Editorial](#)   
Video editorial describing ANA's streamlined evidence-based RN CAUTI tool, from the American Nurses Association
- [Urinary Catheter Insertion Checklist](#)  [PDF – 1 page]   
Checklist of best practices for Foley insertion, reprinted by the Pennsylvania Patient Safety Authority with permission from Doylestown Hospital
- [Female Insertion Audit Checklist](#)  [PDF – 1 page]   
Checklist of critical behaviors for use in auditing insertion practices in FEMALE urinary catheterization, reprinted by the Pennsylvania Patient Safety Authority with permission from Doylestown Hospital

# Prevention Resources

- [Streamlined Evidence-Based RN Tool](#)  [PDF – 2 pages] 

Nurse-driven indwelling urinary catheter tool, including insertion checklist and bladder scan protocol, from the American Nurses Association



Indwelling Urinary Catheter (IUC) Insertion Checklist to Prevent CAUTI in the Adult Hospitalized Patient: Important Evidence-Based Steps.	Yes	Yes with Reminder	Comments
<b>Before IUC insertion:</b>			
1) Determine if IUC is appropriate per the CDC Guidelines (CDC, 2009) (See page 1, Box 1).			
2) Select smallest appropriate IUC (14 Fr., 5ml or 10 ml balloon is usually appropriate unless ordered otherwise).			
3) Obtain assistance PRN (e.g., 2-person insertion, mechanical aids) to facilitate appropriate visualization/insertion technique.			
4) Perform hand hygiene.			
<b>Patient Preparation/Insertion of IUC:</b>			
1) Perform peri-care, then, re-perform hand hygiene.			
2) Maintain strict aseptic technique throughout the actual IUC insertion procedure, re-perform hand hygiene upon completion. <ul style="list-style-type: none"> <li>• Use sterile gloves and equipment and establish/maintain sterile field.</li> <li>• Do not pre-inflate the balloon to test it, as this is not recommended.</li> </ul>			
3) Insert IUC to appropriate length and check urine flow <u>before</u> balloon inflation to prevent urethral trauma. <ul style="list-style-type: none"> <li>• In males, insert fully to the IUC "y" connection, or in females, advance ~1 inch or 2.5 cm beyond point of urine flow.</li> </ul>			
4) Inflate IUC balloon correctly: Inflate to 10 ml for catheters labeled 5 ml or 10 ml per manufacturer's instructions.			

# TAP Tools

	Tools	Location
<b>Target</b>	TAP Reports	NHSN Patient Safety Component
	'How To' Guide	TAP Website
	TAP Report Quick Reference Guides	TAP Website
<b>Assess</b>	TAP Facility Assessments	TAP Website (Email CDC for SurveyMonkey or REDCap)
	TAP Excel Spreadsheets	Email HAIPrevention@cdc.gov
	User Guide	Email HAIPrevention@cdc.gov
<b>Prevent</b>	TAP Feedback Report	Component of TAP Excel Spreadsheets
	TAP Implementation Guides	TAP Website
	Prevention Prioritization Toolkit	TAP Website

**TAP Website:** [www.cdc.gov/hai/prevent/tap.html](http://www.cdc.gov/hai/prevent/tap.html)

**Technical Assistance from CDC:** Email [HAIPrevention@cdc.gov](mailto:HAIPrevention@cdc.gov)

# Thank You!



Katie White - [wwg6@cdc.gov](mailto:wwg6@cdc.gov)

[HAIPrevention@cdc.gov](mailto:HAIPrevention@cdc.gov)

TAP Website: [www.cdc.gov/hai/prevent/tap.html](http://www.cdc.gov/hai/prevent/tap.html)