

# CQ-Yay! Using CSA Data in the Practice of Continuous Quality Improvement (CQI)

October 17, 2023
Carrie Thompson
OCS Research Associate Senior

1



# **Today's Learning Objectives**

 Understanding Continuous Quality Improvement (CQI) and Results-Based Accountability (RBA)

- CQI Framework Exercise
  - Template Introduction
  - Using CSA Data to Complete Template



# **Code of Virginia Requirements for CPMTs**

# §2.2-5206 (CPMT; Powers and Duties)

- ✓ Long-range community-wide planning
- ✓ Review and analyze data
- Appropriation Act (Item B.3)

"Each locality ... shall have a utilization management process..."





# Why is this Important to Your CSA Program?

# In addition to COV Requirements:

- CSA audit process
- Financial impact
  - -\$433 million spent
  - -\$145 million in local funds
  - –More than 14,000 children/families served





# What is Continuous Quality Improvement

Reviewing data and using it to make plans and decisions to improve programs and outcomes

- C in CQI is continuous
- CSA Utilization Management is often confused with Utilization Review
- Name change for clarity and improvements



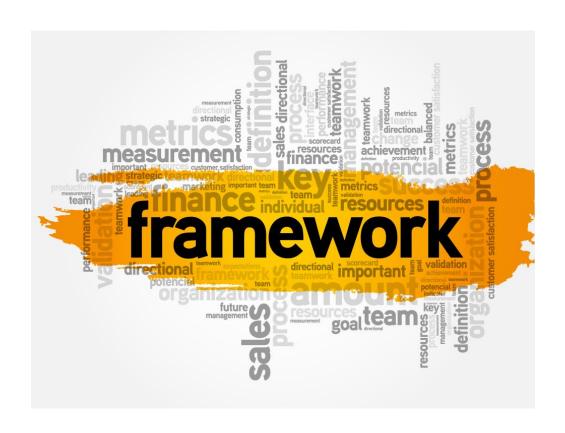




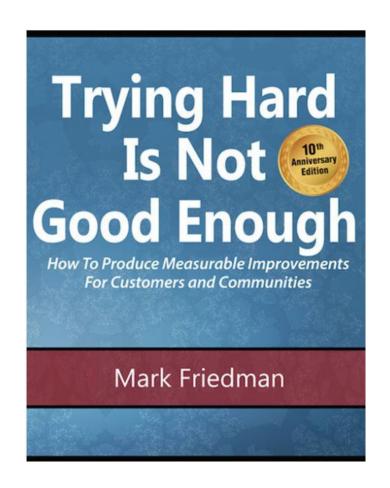
# How can you know?



# Part 1: A Framework







"A framework for getting from talk to action quickly and making a difference, not just trying hard and hoping for the best."

# Ask three key questions:

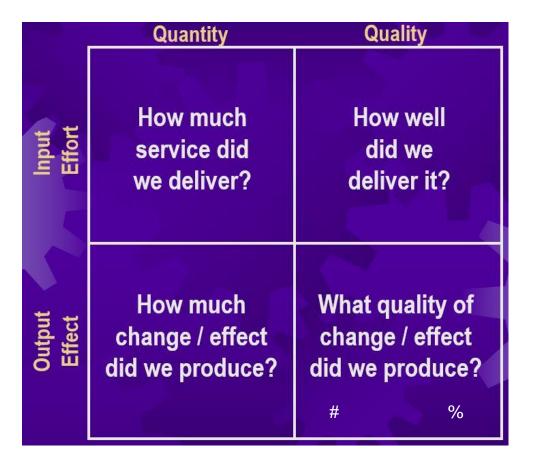
- How much did we do?
- How well did we do it?
- Is anyone better off?

Results Based Accountability (RBA)



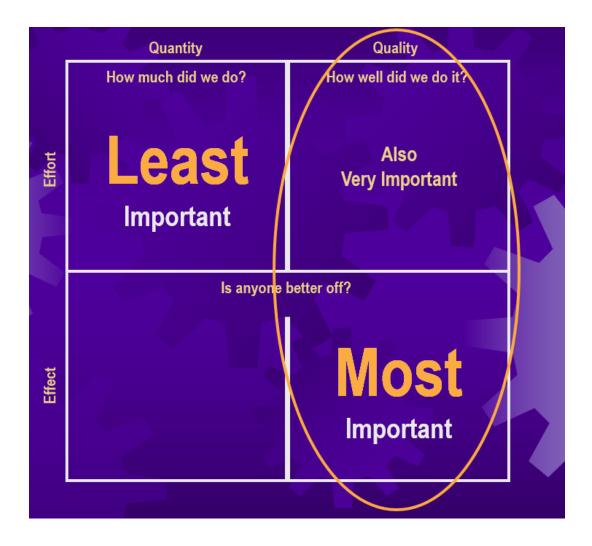
"All performance measures that have ever existed for any program in the history of the universe involve answering two sets of interlocking questions"

How How Much? Well?



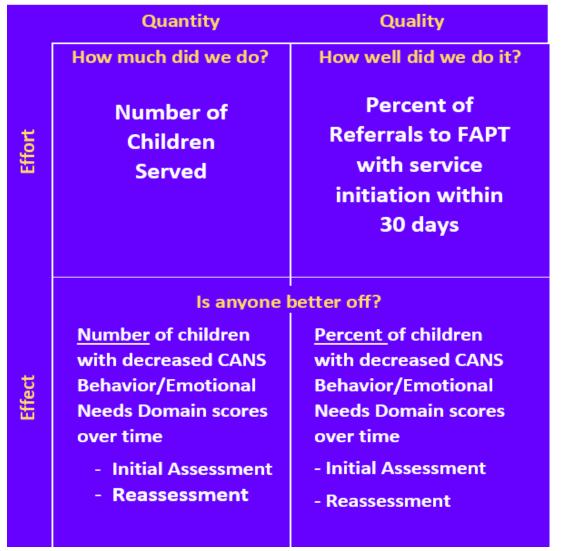


# Not All Performance Measures Are Created Equal





# Friedman's RBA Framework: A Local CSA Program





# Part 2: OCS Template for CQI Requirements



How much is done?

How well is it done?

Is anyone getting any better?

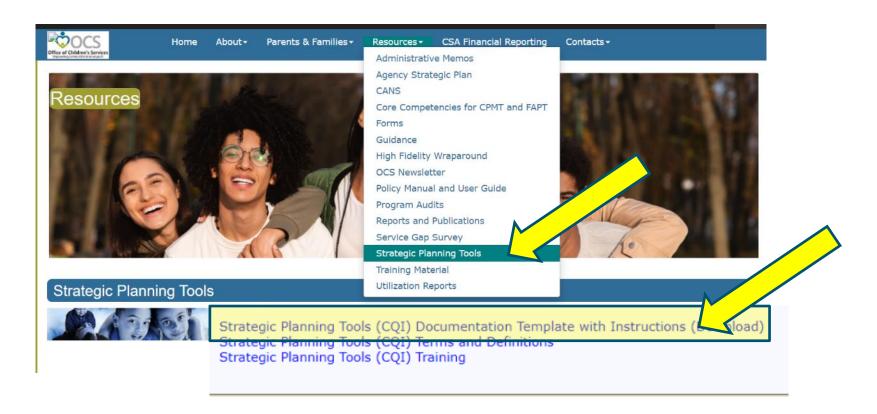
We have tools for that....



**CSA** website

(https://csa.virginia.gov/Resources/ContinuousQualityImprovement)

Resources >> Strategic Planning Tools >> Documentation Template





- Downloadable Excel spreadsheet for data-driven decision-making
- Fill data points from CQI dashboard and other data sources
- Share, discuss and plan at CPMT meetings

#### CSA CQI Documentation Template For:

Data Point Reviewed	CPMT Observations	Date Reviewed by CPMT	Planned Responses/Goals	Assignments and Responsibility (Assigned to)	Timeframe for Planned Action	Date Completed
Number of Children Served (Distinct Child Count)	<b>*</b>					
Total Gross/Net Expenditures						
Avg/Gross Expenditures Per Child						
						$\overline{}$

- Track progress over time
- Completed spreadsheet can be used in Audit for CQI documentation



# **Column Definitions**

- Data Point Reviewed
- CPMT Observations
- Date Reviewed by CPMT
- Planned Responses/Goals
- Assignments and Responsibility (Assigned to)
- Timeframe for Planned Action
- Date Completed

Data selected for review (child count, average expenditure, etc.)



### **Column Definitions**

- Data Point Reviewed
- CPMT Observations
- Date Reviewed by CPMT
- Planned Responses/Goals
- Assignments and Responsibility (Assigned to)
- Timeframe for Planned Action
- Date Completed

Feedback/responses made by CPMT in review of data point



## **Column Definitions**

- Data Point Reviewed
- CPMT Observations
- Date Reviewed by CPMT
- Planned Responses/Goals
- Assignments and Responsibility (Assigned to)
- Timeframe for Planned Action
- Date Completed

Date of discussion and review of data point



### **Column Definitions**

- Data Point Reviewed
- CPMT Observations
- Date Reviewed by CPMT
- Planned Responses/Goals
- Assignments and Responsibility (Assigned to)
- Timeframe for Planned Action
- Date Completed

What is the action plan (maintain, improve, increase/decrease)?

What is the group's goal(s) around these data?



## **Column Definitions**

- Data Point Reviewed
- CPMT Observations
- Date Reviewed by CPMT
- Planned Responses/Goals
- Assignments and Responsibility (Assigned to)
- Timeframe for Planned Action
- Date Completed

Who is responsible for taking actions, and what will those actions be?



## **Column Definitions**

- Data Point Reviewed
- CPMT Observations
- Date Reviewed by CPMT
- Planned Responses/Goals
- Assignments and Responsibility (Assigned to)
- Timeframe for Planned Action
- Date Completed

What is the schedule/deadline for actions that will take place?



### **Column Definitions**

- Data Point Reviewed
- CPMT Observations
- Date Reviewed by CPMT
- Planned Responses/Goals
- Assignments and Responsibility (Assigned to)
- Timeframe for Planned Action
- Date Completed

When were actions completed (filled out at later time upon completion of activities)?



### Updating "Data Point Reviewed": Pre-Filled Data Point Suggestions

#### **Data Point Reviewed**

# Number of Children Served (Distinct Child Count)

#### Number of Children Served (Distinct Child Count)

Demographics (Child Count or Percent by Race, Gender, Age) \va/Gross Expenditures Per Child

Total Gross Expenditures by Mandate

Total Gross Expenditures by Service Placement Type

Total Gross Expenditures by Service Name

Total Gross Expenditures by Expenditure Code Thild Count/Percent by Mandate Type

#### Number of Children Served (Distinct Child Count)

Demographics (Child Count or Percent by Race, Gender, Age)

lvg/Gross Expenditures Per Child

Total Gross Expenditures by Mandate

Total Gross Expenditures by Service Placement Type

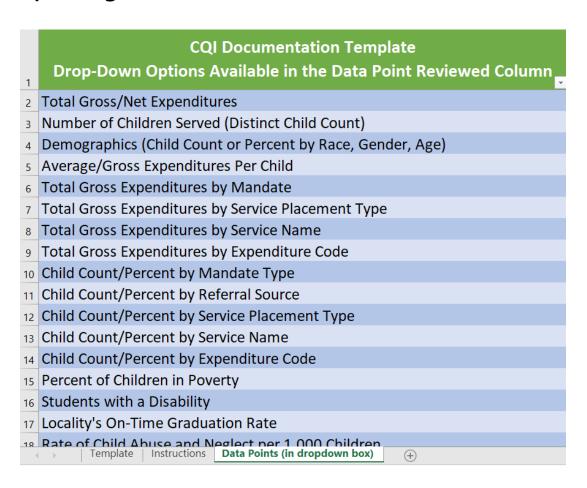
Total Gross Expenditures by Service Name

Total Gross Expenditures by Expenditure Code

Child Count/Percent by Mandate Type



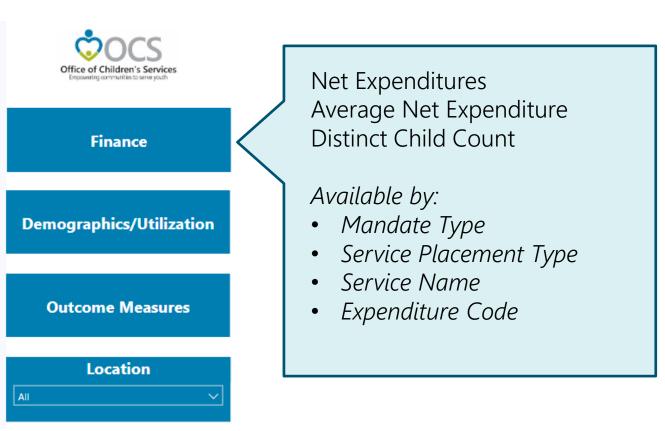
### Updating "Data Point Reviewed": Editable Data Point List



- Excel tab = "Data Points (in dropdown box)"
- List includes data that answer the questions:
  - How Many?
  - How Well?
  - Is Anyone Getting Better?
- Update dropdown by typing your own data points into the cell



# Finding Data Points in the Dashboard





# Finding Data Points in the Dashboard



**Finance** 

**Demographics/Utilization** 

**Outcome Measures** 

Location

All

Child #/% by Race, Gender, Age and Referral Source

## Available by:

- Mandate Type
- Service Placement Type
- Service Name
- Expenditure Code



# Finding Data Points in the Dashboard



#### **Finance**

#### **Demographics/Utilization**

**Outcome Measures** 

Location

All

### **Everything Else**

Percent of Children in Poverty

Students with a Disability

Locality's On-Time Graduation Rate

Rate of Child Abuse and Neglect per 1,000 Children

Median Incomes of Families with Children

Outcome: CANS Child School Domain (upward

trend=improvement)

Outcome: CANS Behavioral/Emotional Needs (upward

trend=improvement)

Outcome: CANS Strengths (upward trend=improvement)

Outcome: Family-Based Foster Care (upward

trend=improvement)

Outcome: Exits to Permanency (upward trend=improvement)

Outcome: Community-Based Services (upward

trend=improvement)



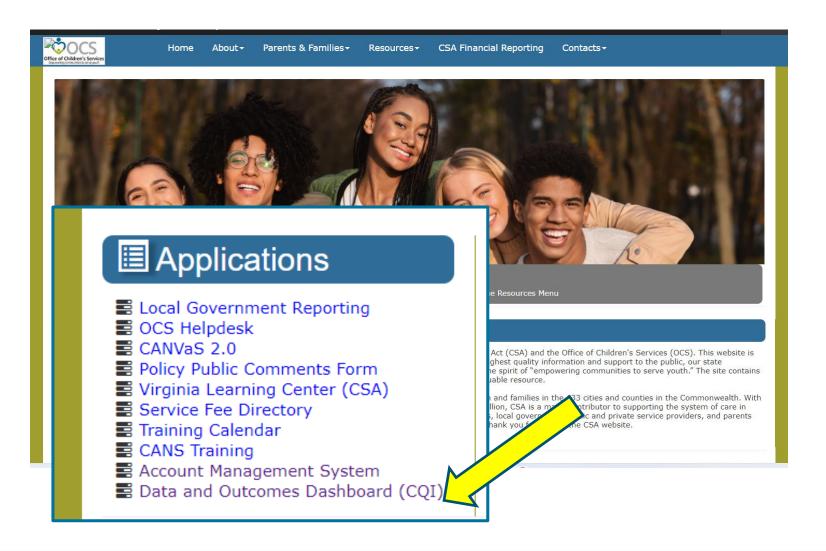
# **Data Scavenger Hunt**

Example data points: two from the list and one add-in

- "How Many?": Total net expenditures
- "How Well?": Length of stay (add-in, from Utilization Reports)
- "How Well?": Outcome: Community Based Services

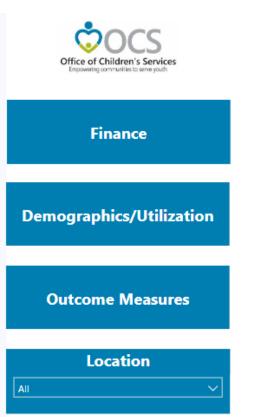


# Where is the Data and Outcomes Dashboard (CQI)?





# Net Expenditures: It's on the Home Page



<u>Click here</u> for Dashboard Instruction Manual

<u>Click here</u> for Dashboard Codes

#### At-A-Glance

	2020	2021	2022	2023	2024
Distinct Child Count	15,285	14,589	14 489	15,032	5,791
Net Expenditures	\$438.3M	\$438.4M	\$433.6M	\$473.5M	\$27.2M
Local Net Match	\$148.9M	\$148.0M	\$ 145./IVI	\$157.8M	\$8.5M
Average Expenditure	\$28,678	\$30,051	\$29,923	\$31,503	\$4,693
Base Match Rate					
Effective Match Rate	0.3392	0.3374	0.3360	0.3332	0.3115





Finance

**Demographics/Utilization** 

**Outcome Measures** 

Home

#### Mandate Type

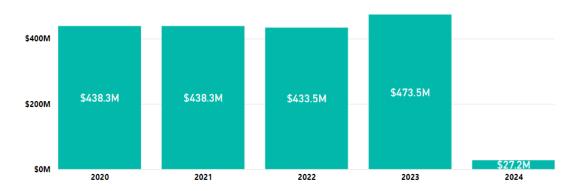
**Service Placement Type** 

**Service Name** 

**Expenditure Code** 

Statewide

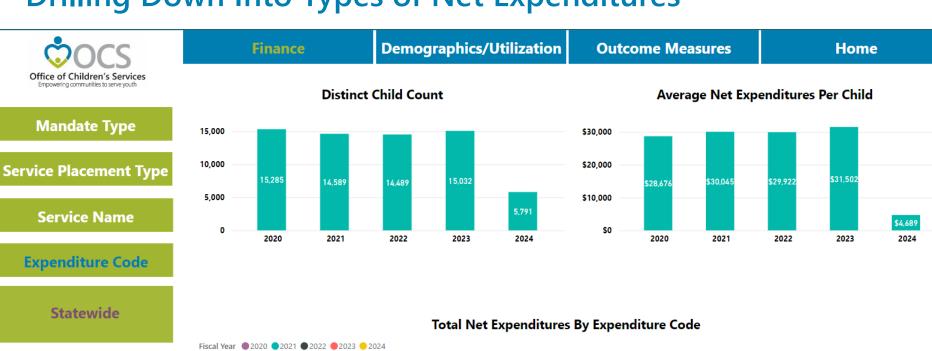
### **Total Net Expenditures**



#### YTD Total Net Expenditures Through 09/29

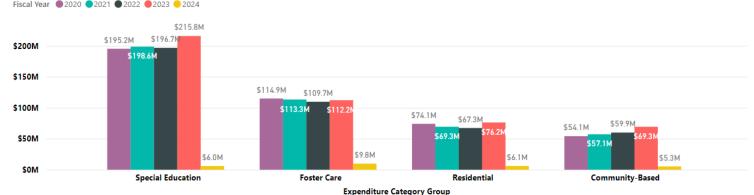






### Fiscal Year Net Expenditures

2020	\$438.3M
2021	\$438.3M
2022	\$433.5M
2023	\$473.5M
2024	\$27.2M



Data is updated through 9/29/23





**Mandate Type** 

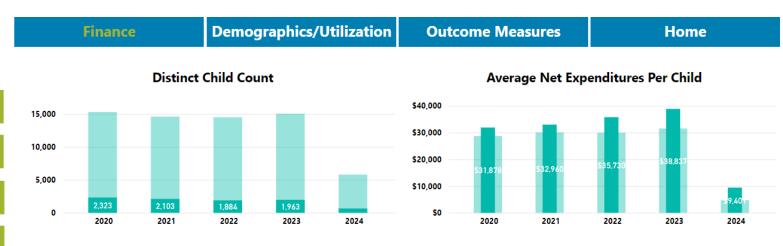
**Service Placement Type** 

**Service Name** 

**Expenditure Code** 

Statewide





#### **Total Net Expenditures By Expenditure Code**





# Total Net Expenditures from the At-A-Glance Chart

CSA CQI Documentation Template For:		YOUR LOCALITY				
Data Point Reviewed	CPMT Observations	Date Reviewed by CPMT	Planned Responses/Goals Responsibility (Assigned to)		Timeframe for Planned Action	Date Completed
Net Expenditures						

# **Template Fields**

- Data Point Reviewed
- CPMT Observations
- Date Reviewed by CPMT
- Planned Responses/Goals
- Assignments and Responsibility (Assigned to)
- Timeframe for Planned Action
- Date Completed



Feedback/responses made by CPMT in review of data point:

- What has changed over time?
- Are the changes in line with strategic goals for your locality?
- Are there ideas that help explain or understand the changes observed?



# **Total Net Expenditures from the At-A-Glance Chart**

CSA CQI Documentation Template For:		YOUR LOCALITY				
Data Point Reviewed	CPMT Observations	Date Reviewed by CPMT	Planned Responses/Goals	Responsibility (Assigned to)	Timeframe for Planned Action	Date Completed
Net Expenditures	•		$\Rightarrow$			

# **Template Fields**

- Data Point Reviewed
- CPMT Observations
- Date Reviewed by CPMT
- Planned Responses/Goals
- Assignments and Responsibility (Assigned to)
- Timeframe for Planned Action
- Date Completed



What is the action plan (maintain, improve, increase/decrease)?

What is the group's goal(s) around these data?



# **Total Net Expenditures from the At-A-Glance Chart**

CSA CQI Documentation Template For:		YOUR LOCALITY				
Data Point Reviewed	CPMT Observations	Date Reviewed by CPMT	Planned Responses/Goals Responsibility (Assigned to)		Timeframe for Planned Action	Date Completed
Net Expenditures	<b>*</b>				$ oldsymbol{\mathcal{M}} $	

# **Template Fields**

- Data Point Reviewed
- CPMT Observations
- Date Reviewed by CPMT
- Planned Responses/Goals
- Assignments and Responsibility (Assigned to)
- Timeframe for Planned Action
- Date Completed



Who is responsible for the action steps from the prior step?

When are these actions expected to be complete?



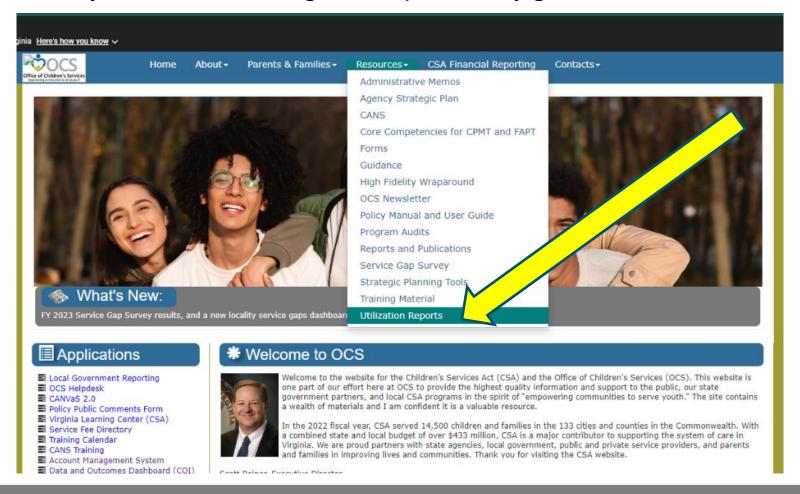
Considerations When Reviewing Net Expenditures on Dashboard:

- How do your expenditures look now, compared to the same time last year?
- How has the average net expenditure per child changed over the last four full fiscal years? Overall and for specific services?
- Has total spending increased or decreased over the last four full fiscal years? How does this align with your strategic goals?



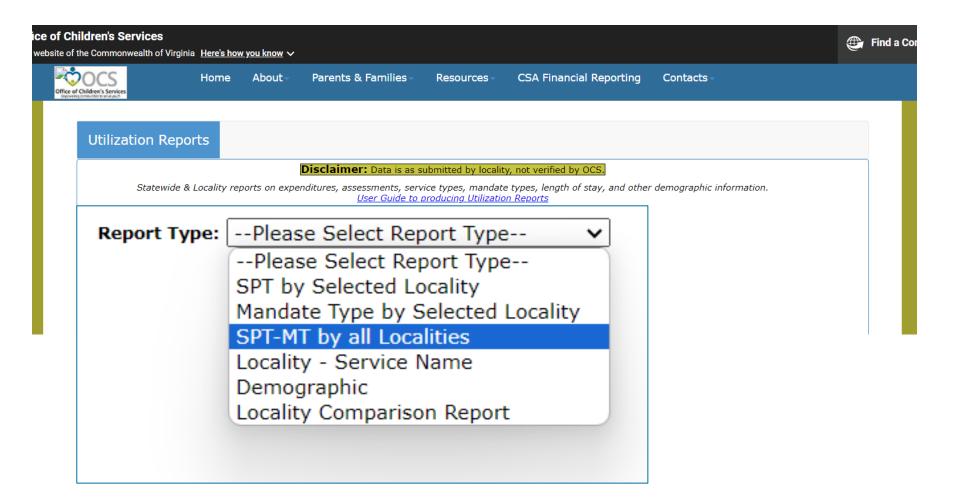
## Length of Stay: It's Available in the Utilization Reports

Length of Stay: What is the average time spent in any given service?



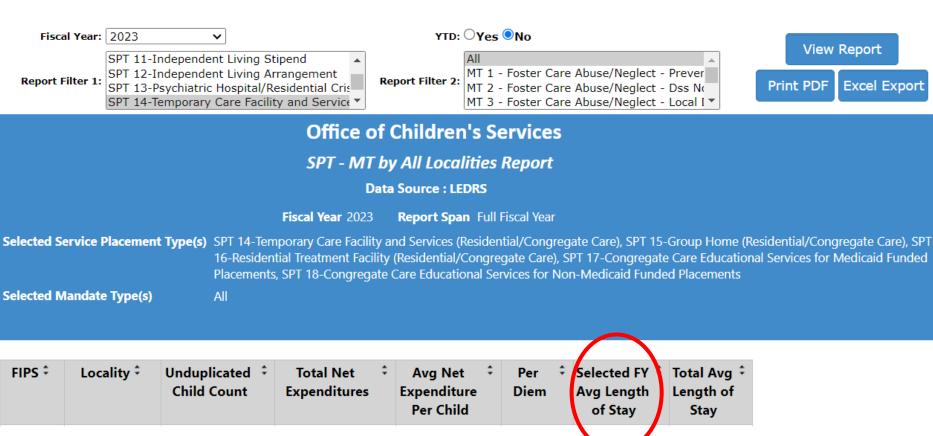


## Length of Stay from Utilization Reports





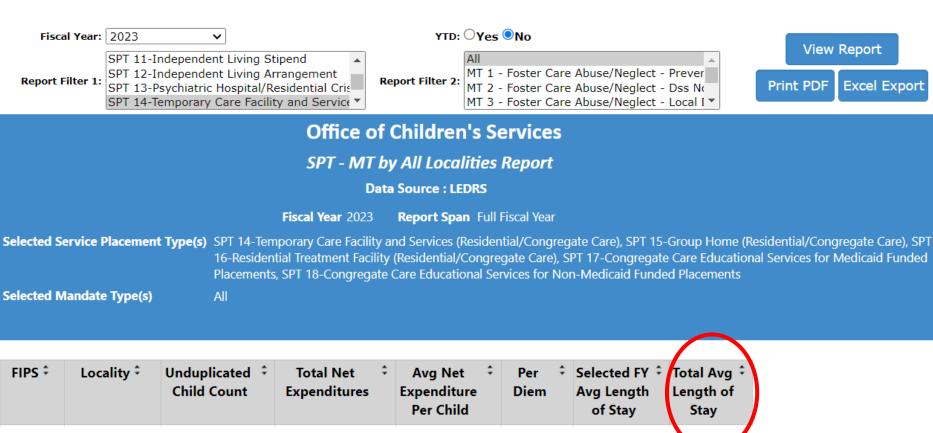
## **Length of Stay from Utilization Reports**



Selected FY Average Length of Stay = Average length of stay in selected placement types, for the selected fiscal year



## **Length of Stay from Utilization Reports**



Total Average Length of Stay =

Average length of stay in selected placement types, among youth receiving services in selected fiscal year, for entire length of stay from FY2016 forward



### **Total Net Expenditures from the At-A-Glance Chart**

CSA CQI Documentation Template For:			YOUR LOCALITY			
Data Point Reviewed  Length of Stay	CPMT Observations	Date Reviewed by CPMT	Planned Responses/Goals	Timeframe for Planned Action	Date Completed	
	· *			(Assigned to)		

#### **Template Fields**

- Data Point Reviewed
- CPMT Observations
- Date Reviewed by CPMT
- Planned Responses/Goals
- Assignments and Responsibility (Assigned to)
- Timeframe for Planned Action
- Date Completed



Feedback/responses made by CPMT in review of data point:

- Have averages changed over time?
- Are the changes in line with strategic goals for your locality?
- Are there ideas that help explain or understand the changes observed?



## **Total Net Expenditures from the At-A-Glance Chart**

CSA CQI Documentation Template For:			YOUR LOCA			
Data Point Reviewed	CPMT Observations	Date Reviewed by CPMT	Planned Responses/Goals Responsibility (Assigned to)		Timeframe for Planned Action	Date Completed
Length of Stay	<b>v</b>	CHIT	***************************************	(Assigned to)		

#### **Template Fields**

- Data Point Reviewed
- CPMT Observations
- Date Reviewed by CPMT
- Planned Responses/Goals
- Assignments and Responsibility (Assigned to)
- Timeframe for Planned Action
- Date Completed



What is the action plan (maintain, improve, increase/decrease)?

What is within the CPMT's control to adjust, to respond to the findings?

What is the group's goal(s) around these data?



## **Total Net Expenditures from the At-A-Glance Chart**

CSA CQI Documentation Template For:			YOUR LOCA	LOCALITY		
Data Point Reviewed	CPMT Observations	Date Reviewed by CPMT	Planned Responses/Goals	Responsibility (Assigned to)	Timeframe for Planned Action	Date Completed
Length of Stay	<b>v</b>				M	

#### **Template Fields**

- Data Point Reviewed
- CPMT Observations
- Date Reviewed by CPMT
- Planned Responses/Goals
- Assignments and Responsibility (Assigned to)
- Timeframe for Planned Action
- Date Completed



Who is responsible for the action steps from the prior step?

When are these actions expected to be complete?



## **Length of Stay Information from Utilization Reports**

Considerations When Reviewing Average Length of Stay:

- How has the distinct child count changed over the last four full fiscal years? Overall and for specific services?
- How has the average net expenditure per child changed over the last four full fiscal years? Overall and for specific services?
- Has total spending increased or decreased over the last four full fiscal years? How does this align with your strategic goals?



## **Data Scavenger Hunt**

Example data points: two from the list and one add-in

- "How Many?": Total net expenditures
- "How Well?": Length of stay (add-in, from Utilization Reports)
- "How Well?": Outcome: Community Based Services

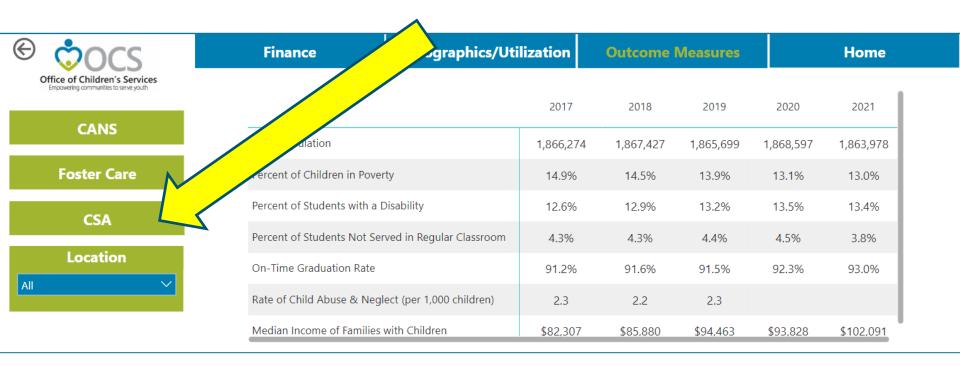


# Outcome Community Based Services: It's in the Outcome Menu

⊕ †ocs	Finance	Finance Demographics/Uti		Outcome Measures			Home		
Office of Children's Services Empowering communities to serve youth			2017	2018	2019	2020	2021		
CANS	Child Population		1,866,274	1,867,427	1,865,699	1,868,597	1,863,978		
Foster Care	Percent of Children in I	Percent of Children in Poverty		14.5%	13.9%	13.1%	13.0%		
CSA	Percent of Students with a Disability  Percent of Students Not Served in Regular Classroom		12.6%	12.9%	13.2%	13.5%	13.4%		
			4.3%	4.3%	4.4%	4.5%	3.8%		
Location On-Time Graduation Rate		ate	91.2%	91.6%	91.5%	92.3%	93.0%		
All	Rate of Child Abuse &	Rate of Child Abuse & Neglect (per 1,000 children)		2.2	2.3				
	Median Income of Fam	ilies with Children	\$82,307	\$85,880	\$94,463	\$93,828	\$102,091		

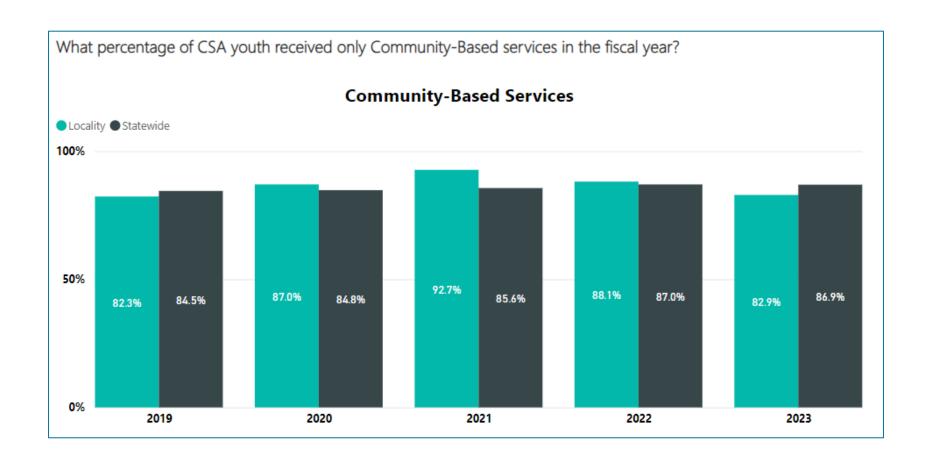


## Outcome Community Based Services: It's in the Outcome Menu





### Community-Based Service (no Residential) Trends





## Community Based Services from Outcomes Menu on Dashboard

Considerations When Reviewing Community Based Services information:

- How has your locality's percentage changed over the last five years?
- How does your locality's performance compare to the statewide percentage?
- Is your locality's percentage higher or lower than the performance of similar localities?



## In Closing...

- Review your locality's CSA data, as required by Virginia Code
- Use the Continuous Quality Improvement (CQI) framework to guide improvements to your program and outcomes
- The CSA website offers regularly updated program data in the Data and Outcomes (CQI) Dashboard and Utilization Reports
- The CQI template provides a place to document your CQI activities
- Consider these questions when filling out the template:

How much did we do?

How well did we do it?

Is anyone getting any better?



## Thank you for your time!

**Questions?** 

Carrie Thompson
OCS Research Associate Senior
<a href="mailto:carrie.thompson@csa.virginia.gov">carrie.thompson@csa.virginia.gov</a>
(804) 663 - 5546