

# **OC Children's Screening Registry: A Solution for Cross Sector Communication**

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# During Today's Presentation We Will:



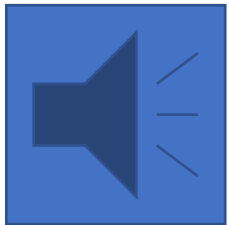
- Describe how the OC Children's Screening Registry (Registry) was developed
- Provide an overview of the Registry
- Discuss the current status of the Registry
- Present future opportunities

## Objectives:

- 1) Understand how this Registry effectively aggregates countywide results while improving screening & referral rates.
- 2) Learn how the core components, health care provider & family/community outreach and data collection and analysis are strengthened with this Registry.

# Establishing the OC Children's Screening Registry

In 2014 Help Me Grow Orange County received a Healthy Tomorrows Partnership for Children's Program Award to support a developmental screening network and to create a screening registry.



**Vision: “Collaborative partners ensure all Orange County young children receive developmental screenings with evidence-based tools and identified concerns are addressed.”**

The [OC Children's Screening Registry](#) is an online database that required a technology vendor. In 2014, HMG procured an agreement with an outside vendor to develop this platform with testing and feedback from the DSN throughout the process.



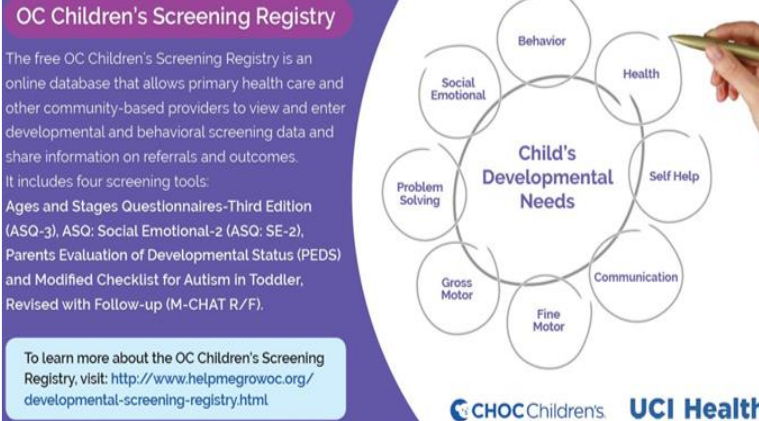
# Initial and Ongoing Funding



Help Me Grow has an online link in [English](#) or [Spanish](#) where parents, service providers and health care providers can provide a child's information and a description of the issues or concerns. Within 1-2 business days, we will contact the child's parent to learn more about their needs and to provide connection to programs and services. **Get started today with Help Me Grow Online!** Learn how with this [video](#).

[Get Connected](#) [Conectese Aquí](#)

or call us at:  
**1.866.GROW.025**



**OC Children's Screening Registry**

The free OC Children's Screening Registry is an online database that allows primary health care and other community-based providers to view and enter developmental and behavioral screening data and share information on referrals and outcomes. It includes four screening tools: Ages and Stages Questionnaires-Third Edition (ASQ-3), ASQ: Social Emotional-2 (ASQ: SE-2), Parents Evaluation of Developmental Status (PEDS) and Modified Checklist for Autism in Toddler, Revised with Follow-up (M-CHAT R/F).

To learn more about the OC Children's Screening Registry, visit: <http://www.helpmegrowoc.org/developmental-screening-registry.html>

CHOC Children's UCI Health

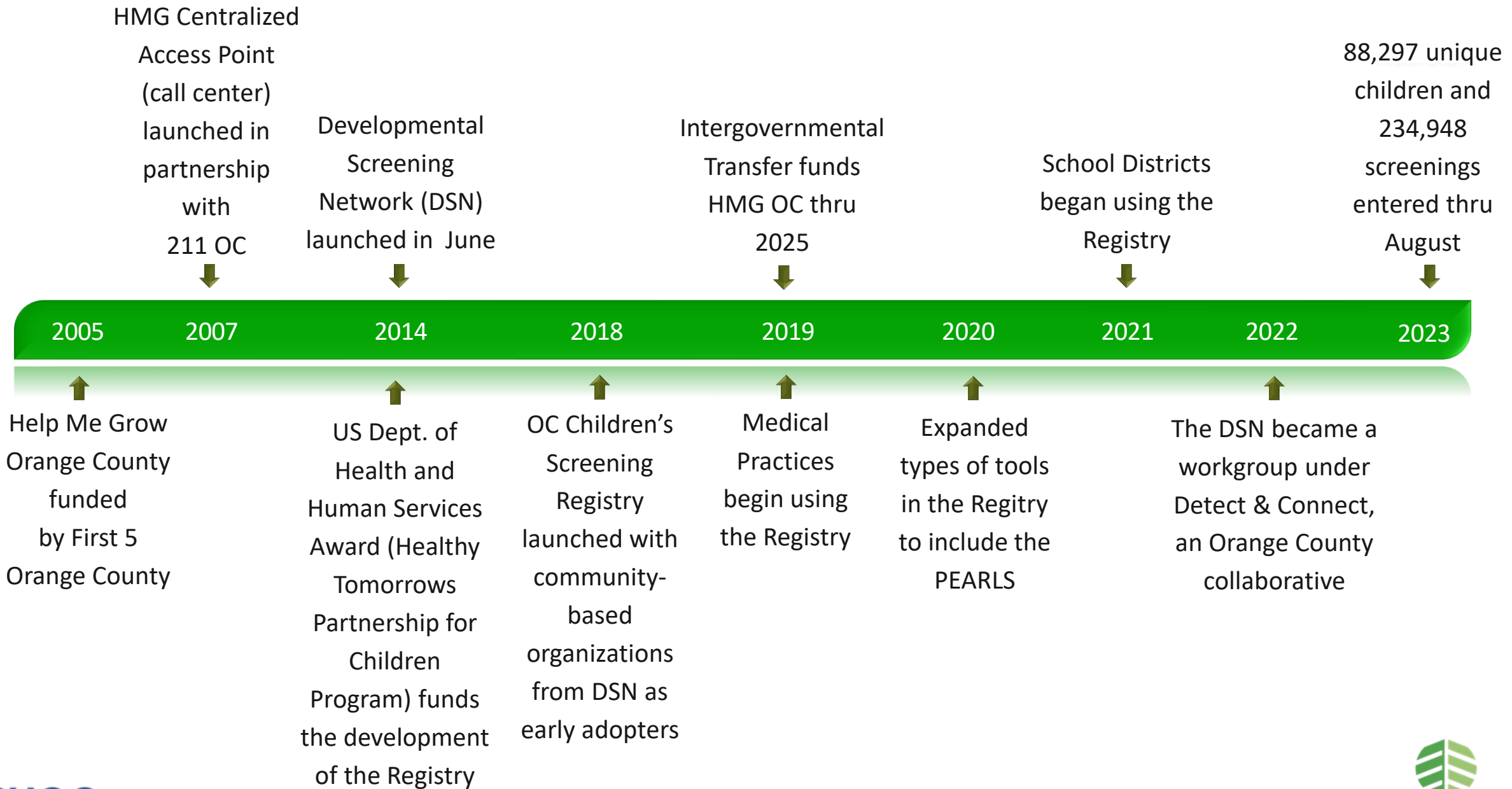
- In 2005, First 5 Orange County provided funding for core operations
- Project based grants from Lucile Packard, Nicholas Endowment, Orange County United Way, Orange County Dept. of Ed. and others
- In 2019, HMG received an Intragovernmental Transfer for funding thru 2025
- Fees received for training, consulting and royalties
- In 2014, HMG received a \$246,000 US Dept. of Health and Human Services award to develop a Registry
- Above award was contingent on matching funds from CHOC and University of CA, Irvine
- In 2018, the costs for ongoing Registry operations were absorbed by Help Me Grow
- Project based Registry expansion is funded by First 5 Orange County

# Developmental Screening Network (DSN)



**Overall Project Goal:** Improve care coordination and connection to developmental services for young children and their families by improving the developmental service system in Orange County and facilitating improved cross-sector collaboration among providers

- Established a DSN inclusive of entities engaged in developmental, behavioral and autism screening activities
- Monthly meeting included in-depth review during Registry development including but not limited to page layouts, ease of entry, referral pathways, reporting, etc.
- Workgroups focused on specifics such as Compliance, Security and Privacy
- In 2016, DSN received a Capacity Building Award for a landscape analysis to determine current state of screening in Orange County and Theory of Change leading to a marketing campaign
- DSN participants tested Registry entries prior to launch
- DSN participants were the initial early adopters for implementation of the Registry



# OC Children's Screening Registry

This developmental screening registry is designed to help clinical and community based providers proactively identify children with at-risk developmental screening results and to reduce duplication of screening efforts. Linkage to referral resources are available for children identified with needs.

This registry is created and maintained through a collaboration of:

- American Academy of Pediatrics, CA Chapter 4
- CalOptima
- Child Abuse Prevention Center
- CHOC Children's
- Comfort Connection Family Resource Center
- Family Support Network
- Help Me Grow Orange County
- MOMS Orange County
- Orange County Department of Education
- Orange County Head Start, Inc.
- Orange County Health Care Agency – Maternal Child Health
- Orange County Social Services Agency
- Pretend City Children's Museum
- Regional Center of Orange County
- Children and Families Commission of Orange County/  
School Readiness Nurses
- The Center for Autism & Neurodevelopmental Disorders



To learn more about the Registry>>

[CLICK HERE](#)

Already signed up? Login here>>

Username

Password

[Login](#)

To request an account>>

[CLICK HERE](#)

Forgot Password or Username>>

[CLICK HERE](#)

To learn more about developmental resources in Orange County, go to Help Me Grow at [www.helpmegrowoc.org](http://www.helpmegrowoc.org)

# Overview of the Registry

- A free online database for primary health care and community-based providers to view and enter developmental and behavioral screening data
- The intent is to communicate screening results between organizations and health care providers
- Includes five screening tools:
  1. Ages & Stages Questionnaires – Third Edition (ASQ-3)
  2. ASQ: Social Emotional, Second Edition (ASQ: SE-2)
  3. Parents Evaluation of Developmental Status (PEDS)
  4. Modified Checklist for Autism in Toddlers – Revised (M-CHAT-R/F)
  5. Pediatric ACEs Screening and Related Life-events Screener (PEARLS)
    - Child (0-11) Parent/Caregiver Report
    - Teen (12 and up) Parent/Caregiver Report
    - Teen (12 and up) Self Report
- Administered by Help Me Grow Orange County/Children’s Hospital of Orange County





# Participant Types & Definitions

- The data collected and entered by each service provider can be viewed by that provider in its entirety
- The data collected by another service provider, but common to both parties, can be viewed depending on participant type

## Participant types:

### **Treating Provider**

Has a treatment relationship with the Child that would warrant a benefit to the child if screening results were shared. Needs to attest that he/she has a treatment relationship with the Child before viewing results.

### **Non-Treating Provider**

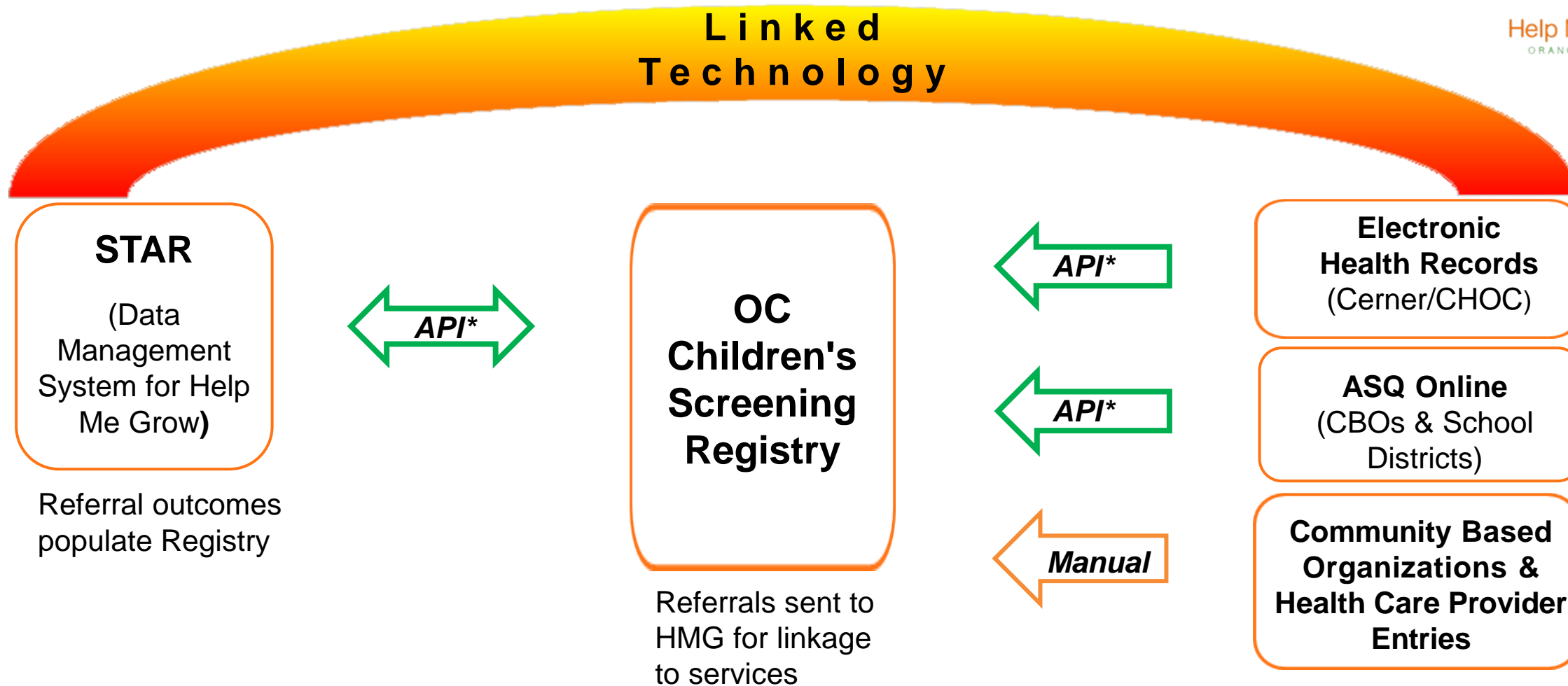
Has obtained a written, valid HIPAA Authorization from the child's parent to allow access to view screenings results entered from another provider and Service Provider has a relationship with the Child that warrants a benefit to the child if screening results are shared.

### **Data Entry Only**

May use the data they collect and enter into the Registry for internal purposes only and will not view records from other service providers.

# Reporting Capacity

<p>Welcome: Jaquely</p> <p><b>Child Search/Add</b></p> <p><b>Recently Viewed</b></p> <hr/> <p><b>Select Organization</b></p> <hr/> <p><b>Reports</b></p> <p><b>My Account</b></p> <p><b>Log Out</b></p> <p>Last Login: 07/8/2020 09:05 AM</p>	<p><b>Report Home Page</b></p> <p><a href="#">Aggregate of all Screening Tools</a></p> <p><a href="#">Aggregate of Developmental Screening Tools</a></p> <p><a href="#">Aggregate of Trauma Screening Tools (PEARLS)</a></p> <p><a href="#">ASQ-3 Aggregate by lowest result in any one domain</a></p> <p><a href="#">ASQ-3 Results by Domain</a></p> <p><a href="#">ASQ: Social Emotional-2 Results</a></p> <p><a href="#">M-CHAT R/F</a></p> <p><a href="#">PEDS Results by Path</a></p> <p><a href="#">PEARLS - Child (0-11) Parent/Caregiver Results</a></p> <p><a href="#">PEARLS - Teen (12 and up) Parent/Caregiver Results</a></p> <p><a href="#">PEARLS - Teen (12 and up) Self Results</a></p> <p><a href="#">Outcomes on Referrals to Help Me Grow</a></p> <p><a href="#">Referrals to HMG by Tools</a></p> <p><a href="#">Referrals to Other Organization/Programs by Tools</a></p> <p><a href="#">Screening Results by Child</a></p> <p><a href="#">Summary of Repeat Screenings</a></p>
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*\* Application Programming Interface (API) allows data to be transferred between data platforms*

# Benefits: Better Communication and Better Outcomes

- Fast, easy, free access to a child's screening history
- Online data platform for aggregate and child level reporting
- Share HIPAA compliant screening results with other providers
- Avoid duplicate screenings
- Seamlessly connect families to Help Me Grow to obtain services for children identified with developmental problems
- View referrals and outcomes



# What is required to use the Registry in Orange County?

- Organizations must first complete an “Application Packet” and receive the executed documentation prior to their staff gaining access.
  - The application packet includes: a participation agreement, the application, a terms of use (TOU), and a Business Associates Agreement.
- Each user must sign an individual TOU and request an account with a unique username and password.
- The designated participant liaison will work with the Screening Registry Coordinator to set up their organization and program(s) in the Registry for access.

# OC Children's Screening Registry Report



## Recently completed a five-year analysis of Registry data, 2018 – 2022

- De-identified data extraction shared with evaluator

### Data Sections:

- Total number of contacts in the Registry
- Demographics such as age, gender, language, city of residence, etc.
- Entries by screening tool and year
- Results by screening tool
- Referrals provided and outcomes

### Recommendations:

- *Consider inclusion of additional tools related to early childhood, such as the Survey of Well-being of Young Children (SWYC)*
- *Finalize Registry use by Orange County Head Start, Inc. which can add 3,000 screenings per year*
- *Increase the number of school districts using the Registry with the goal of having all school districts with early childhood programs contributing results*
- *Consider analyzing the deidentified data to learn more about trauma screening (PEARLS) and how it compares to a child's development measured by the developmental screening results (ASQ-3/PEDS)*

# Getting Community Buy-In

## Community Based Organizations

- Initial users were DSN participants

## Child Health Care Providers

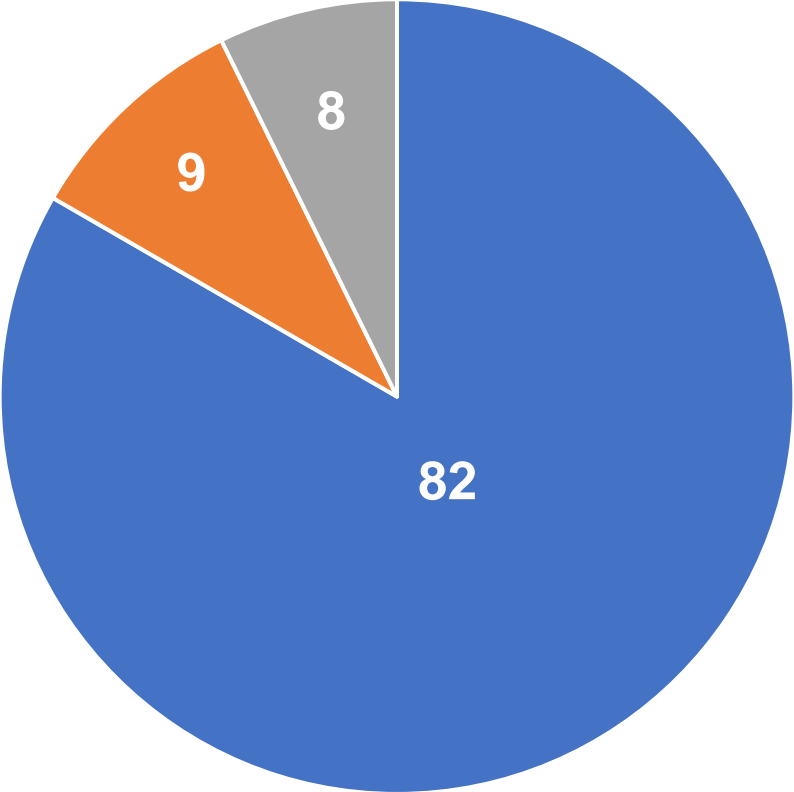
- HMG health care provider outreach
- In January 2023, CHOC Health Alliance (CalOptima Network) added Population Health domain bonus metrics. Registry metrics are:
  - HMG Community Liaison Presentation and 60+ developmental/autism screening entries in the Registry
  - Adverse Childhood Experiences (ACEs) Training/Attestation and 60+ ACEs screening entries in the Registry

## School Districts in partnership with First 5 OC

- In February 2021, began meeting with First 5 consultants
- First 5 funded the development of and API for the Registry and ASQ Online
- Three-year contact to pay start up costs for the school districts



# OC Children's Screening Registry Users through August 2023

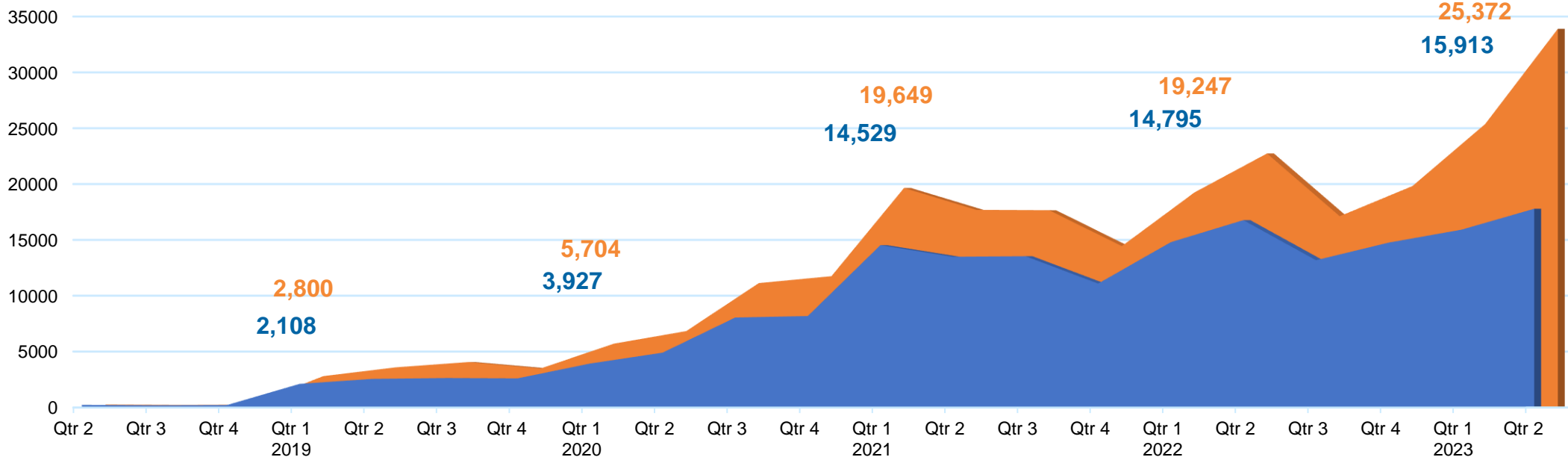


■ Medical Practices    ■ Community Based Orgs.    ■ School Districts





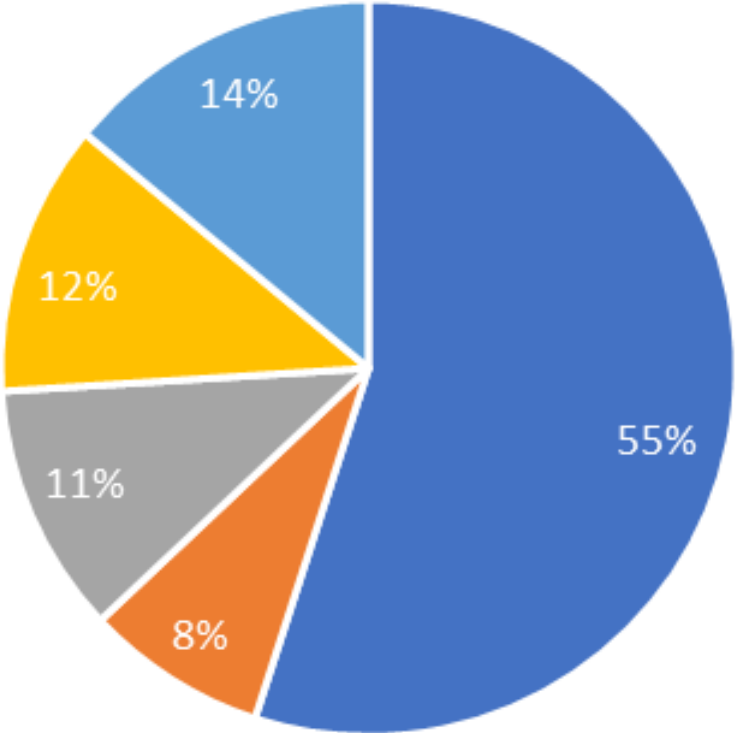
# Total Unique Children and Total Screenings January 2018 – August 2023



■ Total Unique Children  
Total = 88,297

■ Total Screenings  
Total = 234,948

# Connecting to Services: Referrals to Help Me Grow



**Total Referrals = 3,555**  
2018 thru Qtr. 2, 2023

■ ASQ-3 ■ ASQ:SE-2 ■ MCHAT-R/F ■ PEDS ■ PEARLS



# Future Opportunities with the Registry

**Help Me Grow and Children's Hospital of Orange County (CHOC) have developed licensing agreements to allow others to utilize a separate version of this Registry in their jurisdiction.**

Three necessary agreements for use of the Registry:

- CHOC and Registry vendor have a software license agreement to allow the vendor to provide access and customizations for other entities (Licensee)
- End User License Agreement between CHOC and Licensee\*
- Registry vendor will contract separately with the Licensee to provide hosting and customizations

\* Must be in place prior to agreement between vendor and Licensee

*“As a community pediatrician, the OC Children’s Screening Registry has been very useful as a database for my patients’ developmental screenings. I can easily access it to find if a particular patient has already had a screening done, and the results of that screening.”*

*“The Registry has also been instrumental in gathering data from pediatricians across Orange County for the AAP-OC ACEs Aware Peer to Peer Learning Project. Our ability to collect data has been greatly enhanced by use of the Registry, in turn allowing us to help providers throughout our county increase their ACEs screenings.”*

**Reshmi Basu, MD, FAAP**

**Pediatric & Adult Medicine, Inc.**

**CHOC Children's Primary Care Network**

**Secretary, AAP-Orange County Chapter**

**For more information on the  
Registry, please visit:**

<http://helpmegrowoc.org/develop-mental-screening-registry.html>

**Or email:**

[ocscreeningregistry@choc.org](mailto:ocscreeningregistry@choc.org)



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1. Exit the session to the home page
2. Click “Community” on top header
3. Select Discussion Rooms from the drop down menu
4. Select the discussion happening right now with our session title

\*Each discussion room will include up to six people



**HELP ME GROW  
NATIONAL FORUM  
WEEK 2023**

