

## Mental Health Assessments for Young Children

An Examination of Assessment Trends Following 2022 Policy Changes

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## Apple Health's Mental Health Assessment for Young Children (MHAYC)

Beginning in 2022, for mental health assessments for children birth through age 5, Apple Health will:

- Allow reimbursement for:
- Multi-session assessments
- Provider travel to home and community settings
- Require providers to:
- ► Use the DC:0-5™

**☆** Statutory Authority

RCW 74.09.520 2021 c 126 § 2 WAC 182-531-1400

"Assessment" means the process of obtaining all pertinent bio-psychosocial information, as identified by the person, and family and collateral sources, for determining a diagnosis and to plan individualized services and supports.

(WAC 182-538D-0200; WAC 246-341-0200)



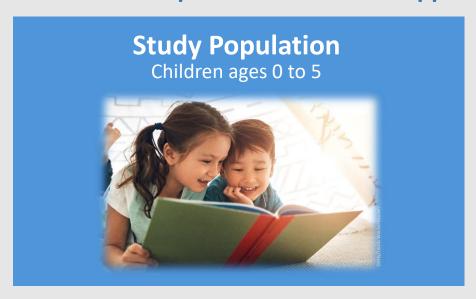
## **Key Findings**

- Very few young children received mental health assessments, even in the years following MHAYC policy changes.
- Multi-session assessments became more common for young children after MHAYC went into
  effect.
- The impact of the COVID-19 pandemic made it challenging to determine if MHAYC had any influence on where assessments for young children took place.
- Some changes were seen in diagnostic patterns for young children during the study period, including a decrease in diagnoses of Disruptive Behavior Disorders and an increase in diagnoses of Developmental Disorders.



## **Study Design**

Population enrolled in Apple Health, calendar year 2019 to 2023





## **Measures of Interest**

- Mental health assessment
- Multi-session mental health assessment
- Location of mental health assessment encounters
- Final diagnosis from the mental health assessment



## **Data Sources**

Apple Health medical claims data was used to examine trends in mental health assessment characteristics



- A medical claim or encounter is submitted to the Health Care Authority's ProviderOne data system and provides detailed information about the **visit** such as:
  - Date of service
  - Procedure (e.g. Psychiatric diagnostic evaluation; Mental health assessment by a non-physician)
  - Place of service (e.g. Office; School; Home; Telehealth)
  - Diagnosis (e.g. Post-traumatic stress disorder; Generalized anxiety disorder)
- HCA's ProviderOne data system includes medical claims for individuals with Apple Health coverage for their covered provider visits



## **Data Sources**

Each measure of interest is based on information from medical claims



- 1. Mental health assessment is identified using 3 procedure codes
  - 90791 Psychiatric diagnostic evaluation
  - 90792 Psychiatric diagnostic evaluation with medical services
  - H0031 Mental health assessment, by non-physician
- **2. Multi-session mental health assessment** occurs when a client received at least one additional assessment session with the same billing provider within 90 days of the initial assessment session.



- **3. Location of mental health assessment sessions** is identified through place of service codes, which are grouped into 3 broad categories
  - Healthcare settings
  - Home/community settings
  - Via telehealth



- **4. Final diagnosis from the mental health assessment** is identified from the primary diagnosis ICD-10 code (International Classification of Disease, 10<sup>th</sup> revision) of the last session of an assessment. For example:
  - F43.22 Adjustment disorder with anxiety
  - F84.0 Autistic disorder
  - F99 Mental disorder, not otherwise specified







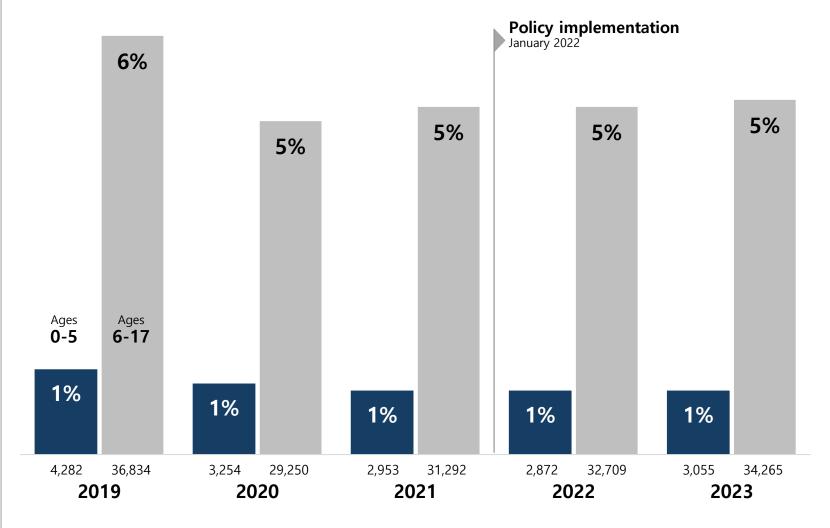
## How many children received mental health assessments?

Very few young children received mental health assessments, even in the years following MHAYC policy changes.

### FIGURE 1

## Count and Percent of Children who Received a Mental Health Assessment by Year Children enrolled in Apple Health

CY 2019 to 2023





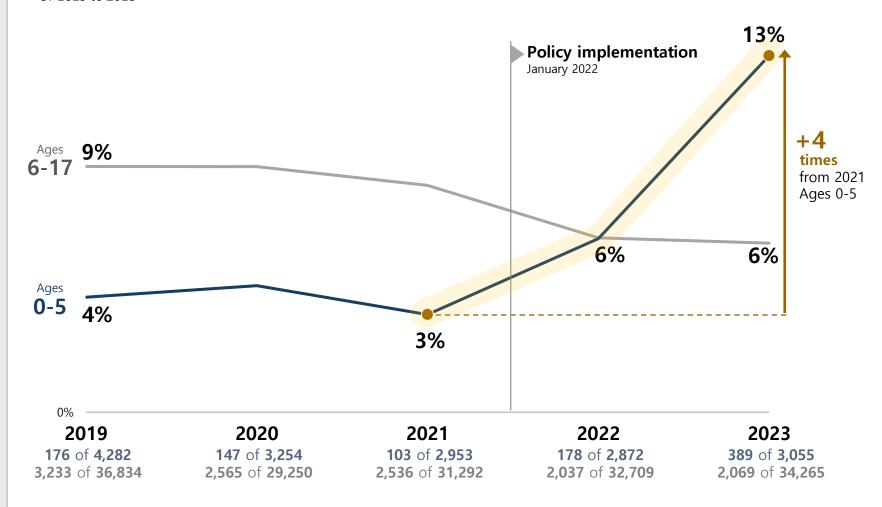
## How common were multi-session assessments?

Multi-session assessments became more common for young children after MHAYC went into effect.

FIGURE 2

## **Multi-Session Mental Health Assessments by Year**

Children enrolled in Apple Health with a mental health assessment CY 2019 to 2023





## Where did mental health assessments take place?

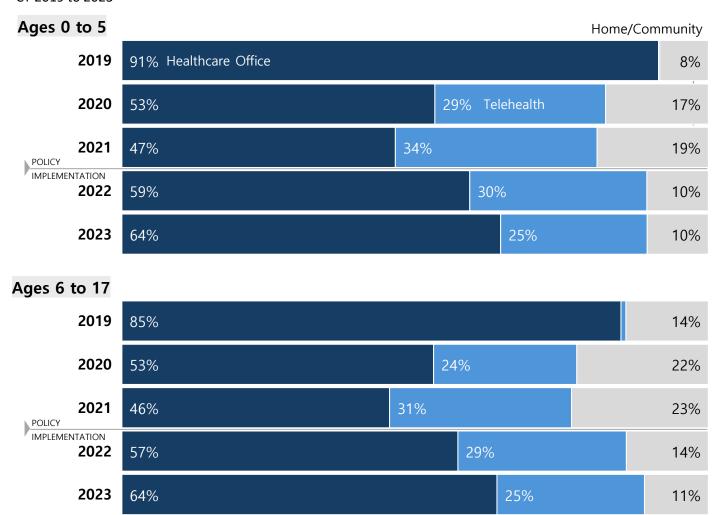
The impact of the COVID-19 pandemic made it challenging to determine if MHAYC had any influence on where assessments for young children took place.

NOTES: Small numbers of claims for mental health assessment (one-half of a percent or less) are missing the place of service code. Totals may not sum to 100 due to missing codes and due to rounding.

### FIGURE 3

## Place of Service for Mental Health Assessment Sessions

Encounters for mental health assessment sessions among children enrolled in Apple Health CY 2019 to 2023





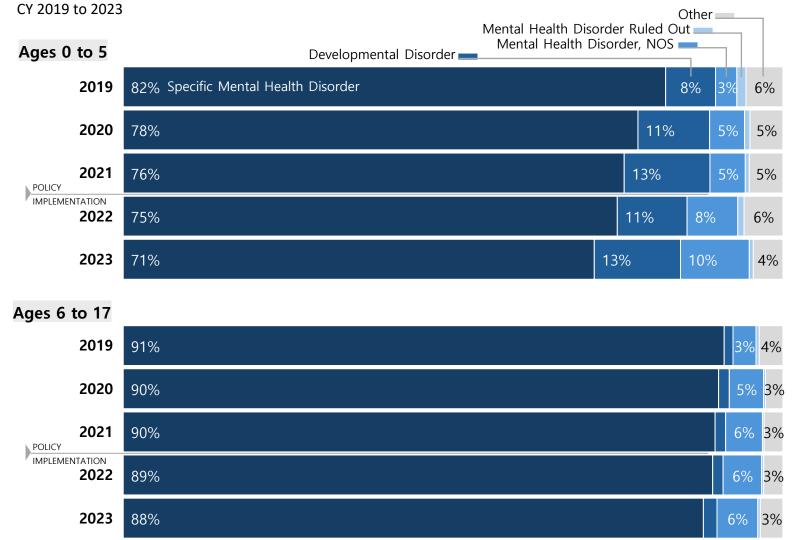
# What diagnoses were made on mental health assessments?

Most mental health assessments led to mental health disorder diagnoses, though for young children, there were increases in diagnoses of developmental disorders and mental disorder, not otherwise specified (F99).

FIGURE 4

## **Final Diagnosis on Mental Health Assessments**

Children enrolled in Apple Health with a mental health assessment





# What were the most common Mental Health Disorder diagnoses?

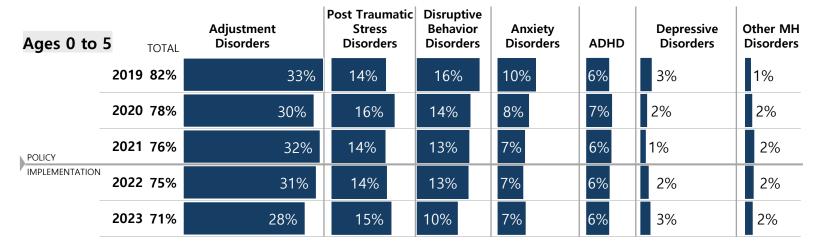
Adjustment disorders were the most commonly diagnosed mental health disorders for young children. Post-traumatic stress disorders and disruptive behavior disorders were also common, but disruptive behavior disorders declined over time.

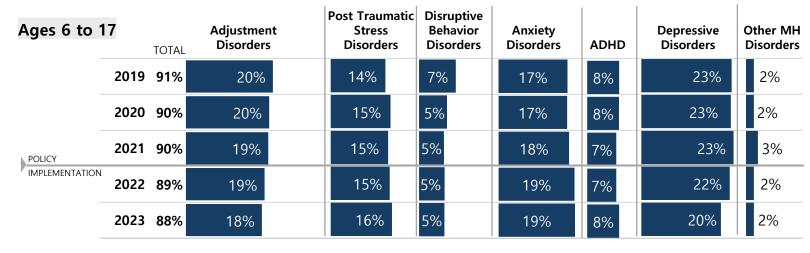
### FIGURE 5

## **Prevalence of Specific Mental Health Disorder Subgroups on Mental Health Assessments**

Children enrolled in Apple Health with a mental health assessment

CY 2019 to 2023





**NOTES:** Percentages in this chart represent the proportion of all mental health assessments with the diagnosis of interest in the year. SOURCE: ProviderOne data linked in the Integrated Client Databases (ICDB)



# What were the most common Developmental Disorder diagnoses?

Autism Spectrum Disorders were the most commonly diagnosed developmental disorders for young children.

**NOTES:** Percentages in the chart above/right represent the proportion of all mental health assessments with the diagnosis of interest in the year.

## FIGURE 6

## **Prevalence of Developmental Disorder Subgroups on Mental Health Assessments**

Other Disorders

Children enrolled in Apple Health with a mental health assessment CY 2019 to 2023

Ages 0 to 5	Autism Spectrum <sub>TOTAL</sub> Disorders	of Psychological Development (F88, F89)	Other Developmental Disorders
POLICY IMPLEMENTATION	<b>2019 8%</b> 5%	2%	1%
	2020 11% 6%	3%	1%
	<b>2021 13%</b> 7%	5%	1%
	<b>2022 11%</b> 6%	3%	1%
	<b>2023 13%</b> 8%	3%	2%

Ages 6 to 17		ism Spectrum Disorders	Other Disorders of Psychological Development (F88, F89)	Other Developmental Disorders
POLICY IMPLEMENTATION	<b>2019 1</b> % 1	%	<1%	<1%
	<b>2020 2</b> % 1	%	<1%	<1%
	<b>2021 2</b> % 1	%	<1%	<1%
	<b>2022 2</b> % 1	%	<1%	<1%
	<b>2023 2</b> % 1	%	<1%	<1%
		I		



## Future directions for study

- Characteristics of children and families who received mental health assessments (e.g. gender, race/ethnicity, and geography).
- Overall prevalence of mental health and developmental disorders among young children
- Other factors in administrative data that could indicate a need for mental health services
- The relationship between assessment and **treatment** services





## Broader policy implications











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