

About Pervasive Developmental Disorders (PDD)

- PDD diagnosis refers to a group of disorders that are characterized by delays in social interaction, communication, and behaviors and interests
- PDD diagnosis includes Autism, Asperger's Disorder, Childhood Disintegrative Disorder, and Rett's Disorder
- Services may include in-home supports, early intervention, special education, community and employment supports

Study Methods

- Data came from MaineCare paid service claims data for state fiscal year 2007 and 2009
- Study group included children from birth to 20 years and adults age 21 and older with a PDD diagnosis

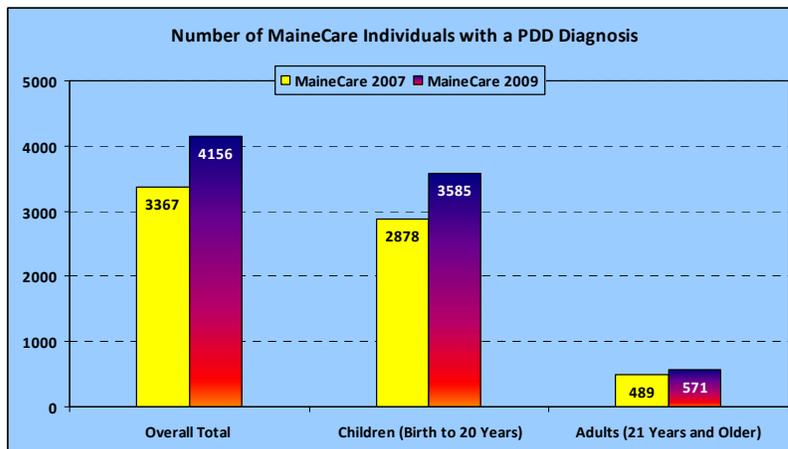
Fast Facts about PDD

- **31 months** is the average time for children to receive a diagnosis of PDD in Maine
(Spectrum Disorders Report, February 2009, http://www.maine.gov/dhhs/reports/autism_act_report.doc)
- **3.2 million dollars** is the estimated lifelong cost per person with a PDD diagnosis, but this cost can be dramatically reduced with early diagnosis and early intensive intervention services
(Ganz, M.L. (2007) The Lifetime Distribution of the Incremental Societal Costs of Autism)

Service Use by Children and Adults with Pervasive Developmental Disorders

This snapshot highlights the increasing number of children and adults who are diagnosed with Pervasive Developmental Disorders (PDD) and are enrolled in MaineCare. Change in the number of individuals diagnosed and the use of selected MaineCare services between 2007 and 2009 is compared.

Children and adults with PDD may require a variety of services and supports during their lifetime depending on the level of functional challenges associated with their disability. This data is used by the Department of Health and Human Services (DHHS) to assess the changing needs, to improve the quality and effectiveness of services, and to enhance the outcomes achieved for Maine people with PDD.



- Children and youth accounted for more than 85% of MaineCare service users diagnosed with PDD in both 2007 and 2009
- The number of children and adults diagnosed with a PDD increased by 23% between 2007 and 2009 with:
 - A 25% increase in children and youth diagnosed with PDD
 - A 17% increase in adults diagnosed with PDD

Did You Know?

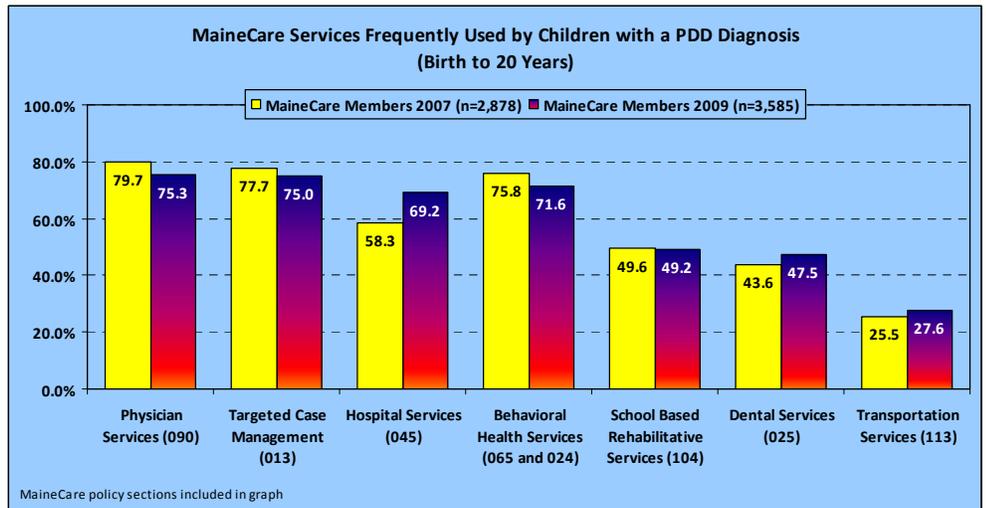
In 2008, DHHS, Department of Education and Department of Labor launched the PDD Systems Change Initiative, which is coordinated and staffed by the Maine Developmental Disabilities Council

In 2009, the PDD Initiative worked with DHHS to implement universal screening for all children at their 18-month well child visit because identifying an early intervention treatment can significantly improve long-term prognosis for children with PDD

A Closer Look at MaineCare Services Frequently Used by Children and Adults Diagnosed with a PDD

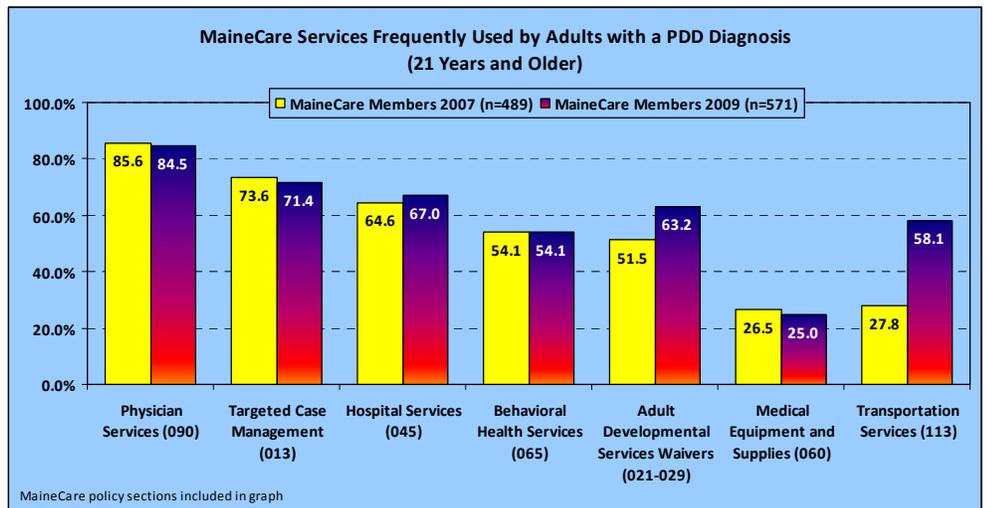
Children and Youth

- The most frequently used services in 2007 and 2009 were:
 - Physician Services
 - Targeted Case Management
 - Behavioral Health Services
- More than one-half used inpatient and/or outpatient hospital services in 2007 and 2009
- Less than one-half of children and youth used:
 - School Based Rehabilitative Services
 - Dental Services



Adults

- The most frequently used services in 2007 and 2009 were:
 - Physician Services
 - Targeted Case Management
 - Hospital Services (*includes inpatient/outpatient services*)
- More than one-half of adults used:
 - Behavioral Health Services
 - Adult Developmental Services Waivers
- Transportation services increased by more than one-third between 2007 and 2009



Questions to Consider...

1. What are the factors contributing to the growing number of individuals being diagnosed with a PDD?
2. How can services be improved to meet the increasing demand and changing needs of children and adults who have a PDD diagnosis?

Contact Office of Continuous Quality Improvement Services

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Visit OQIS Website

<http://www.maine.gov/dhhs/OI/index.shtml>



Department of Health and Human Services

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