
Enhancing the Medical Home for Children with Special Health Care Needs: A Quantitative Approach

The Quality Colloquium
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**Texas Children's
Health Plan**

The best decision a family can make.



**St. Christopher's
Hospital for Children**

Overview

- Definitions
 - Medical Home
 - Children and youth with special health care needs (CYSHCN)
 - The Center for Children w/ Special Health Care Needs
 - Medical Home Index
 - Definitions
 - Center specific data
 - Educating Practices in the Community – Integrated Care Program (EPIC-IC)
-

Joint Statement Medical Home Core Principles

- Personal physician
 - Physician directed medical practice
 - Whole person orientation
 - Care coordination across multiple systems
 - Quality and safety
 - Enhanced access
 - Appropriate payment for services
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Who are children and youth with special health care needs (CYSHCN)?

Children who have or are at increased risk for chronic physical, developmental, behavioral, or emotional conditions

and

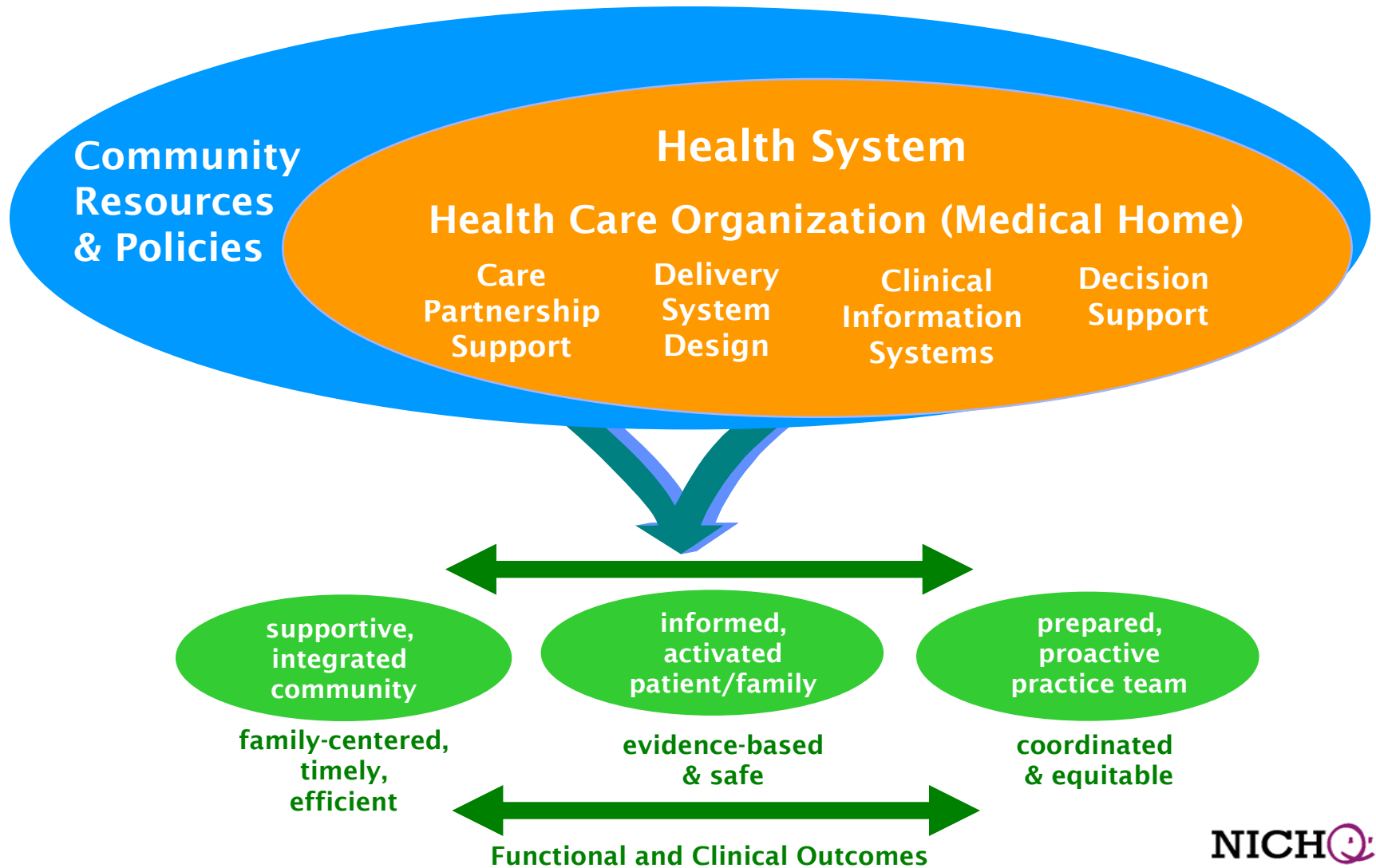
who also require health and related services of a type or amount beyond that required by children generally.

How many children and youth have special health care needs?

- Approximately 13-18% (9-12.5 million) of children in the U.S.
- Approximately 15.4% of children in PA have special health care needs (430,640 total)



Care Model for Child Health in a Medical Home



The Center for Children with Special Health Care Needs



What is our mission?

To work together with families of children and youth with special health care needs to provide ongoing, comprehensive, family-centered medical care and to improve access to services, community resources and advocacy to assure that children obtain optimal support through life stages as well as promote their independence with dignity and respect.



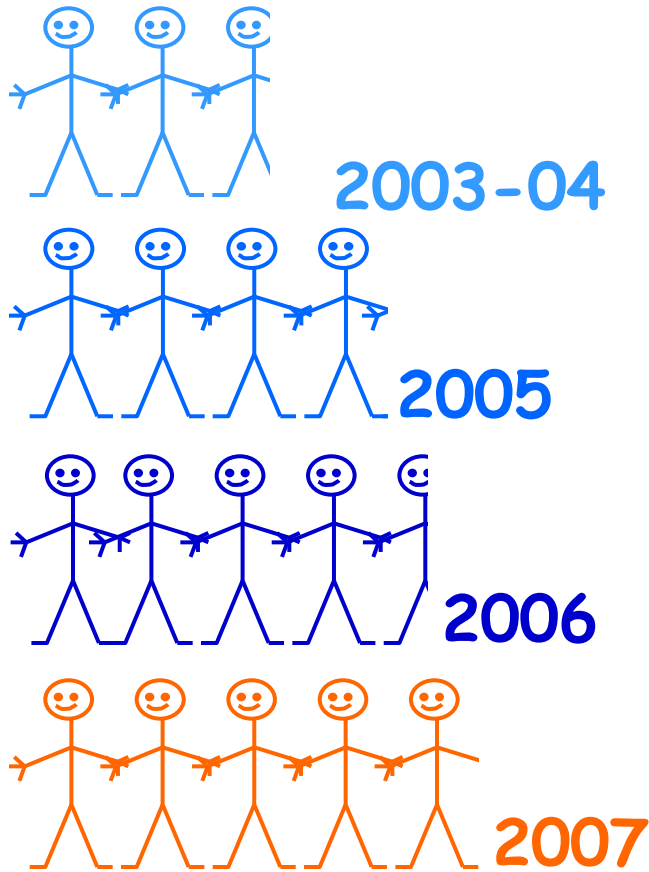
The Center for Children with Special Health Care Needs

- Located at St. Christopher's Hospital for Children
- Inception: 2003

- Staff
 - 3 pediatricians
 - 2 nurse care coordinators
 - Social Worker
 - Office Manager
 - Patient Service Rep



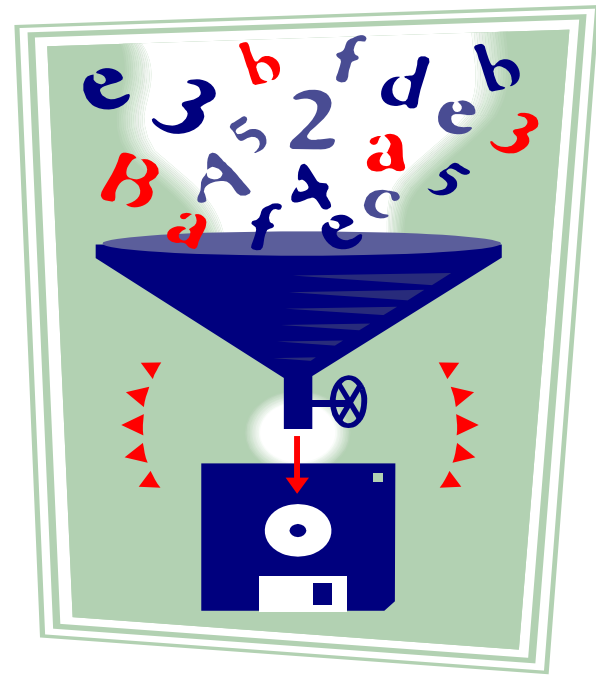
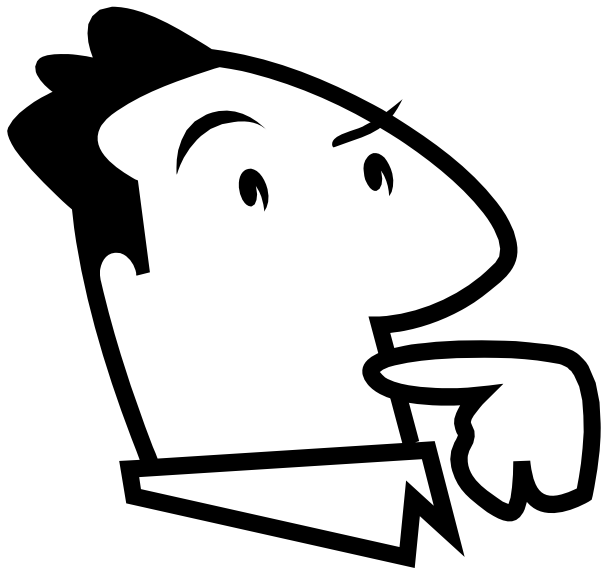
Patient Population at The Center



The number of CYSHCN identified at The Center has increased 50% since 2003.

The Center also treats siblings of CYSHCN.

Data and Tracking our Progress.....



Description of our Services

- Well-child and acute illness management
- Develop care plans
- Collaborate with schools
- Coordinate care across multiple systems (i.e. community resources)
- Special Programs

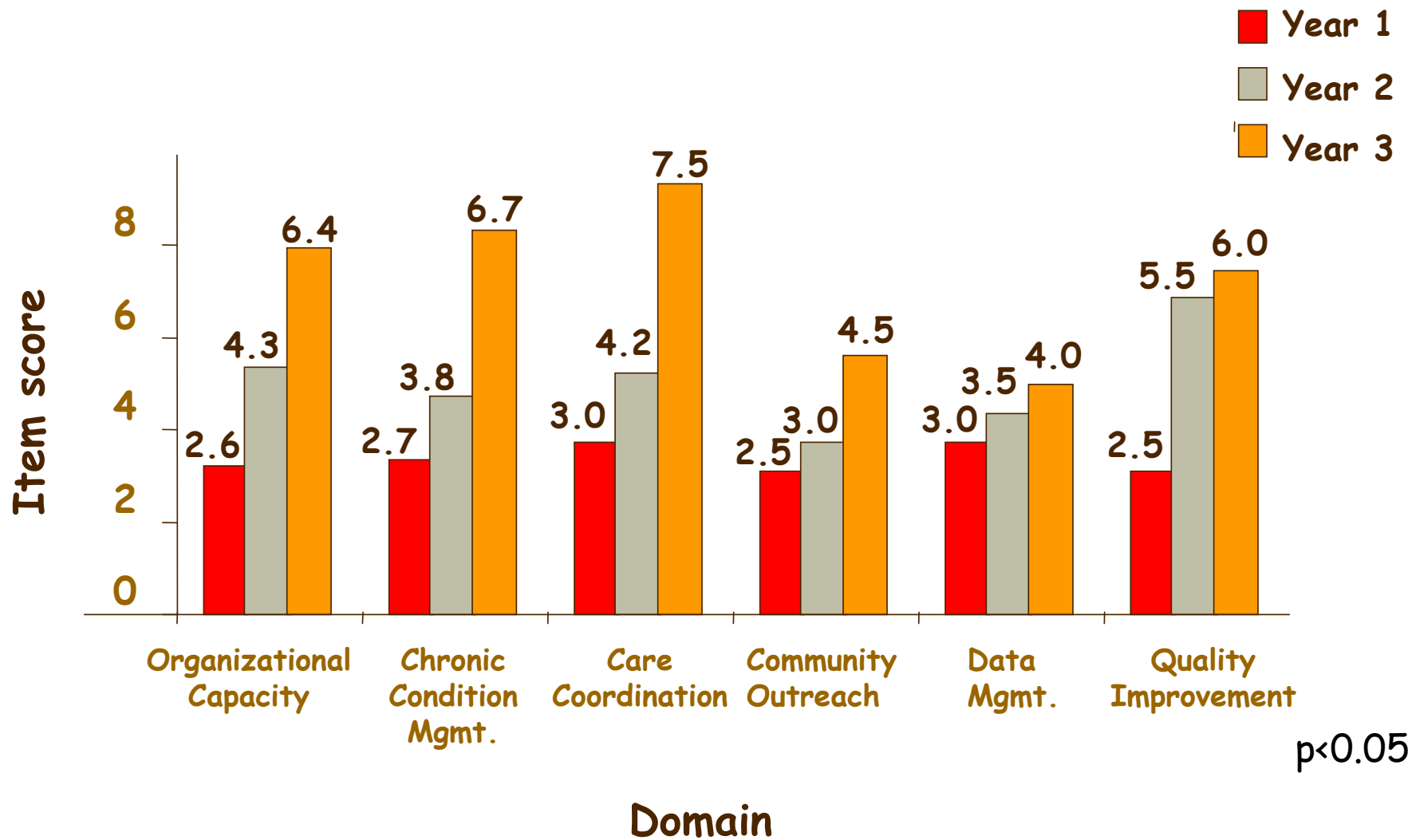


Medical Home Index (MHI)

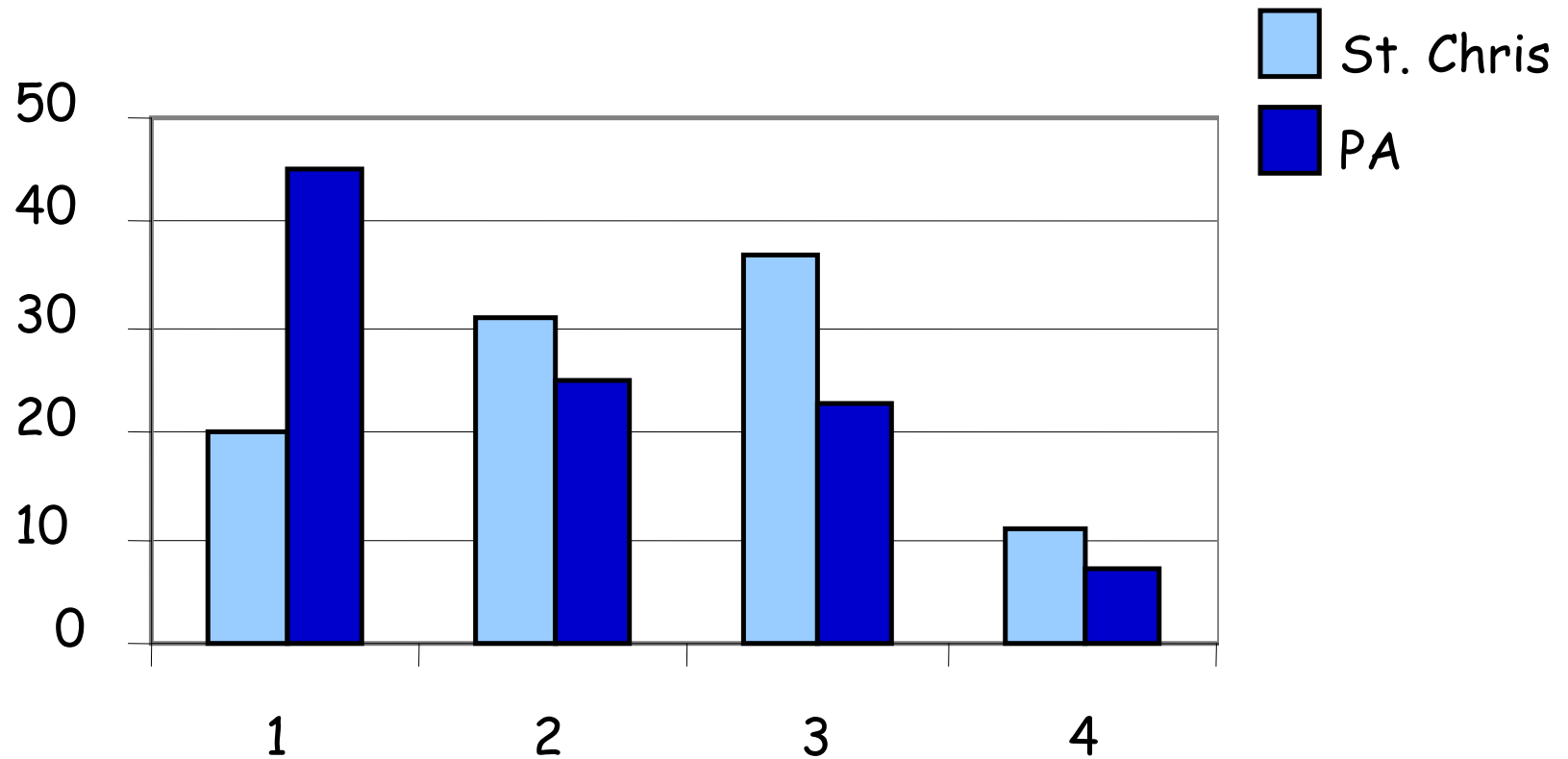
- Nationally validated measurement tool
 - Measures 25 indicators across six domains
 - Organizational capacity
 - Chronic condition management
 - Care coordination
 - Community outreach
 - Data management
 - Quality management
 - Each domain scored 1-8
 - Overall MHI score transformed 1-100

Center for Medical Home Improvement, www.medicalhomeimprovement.org

Medical Home Index Scores

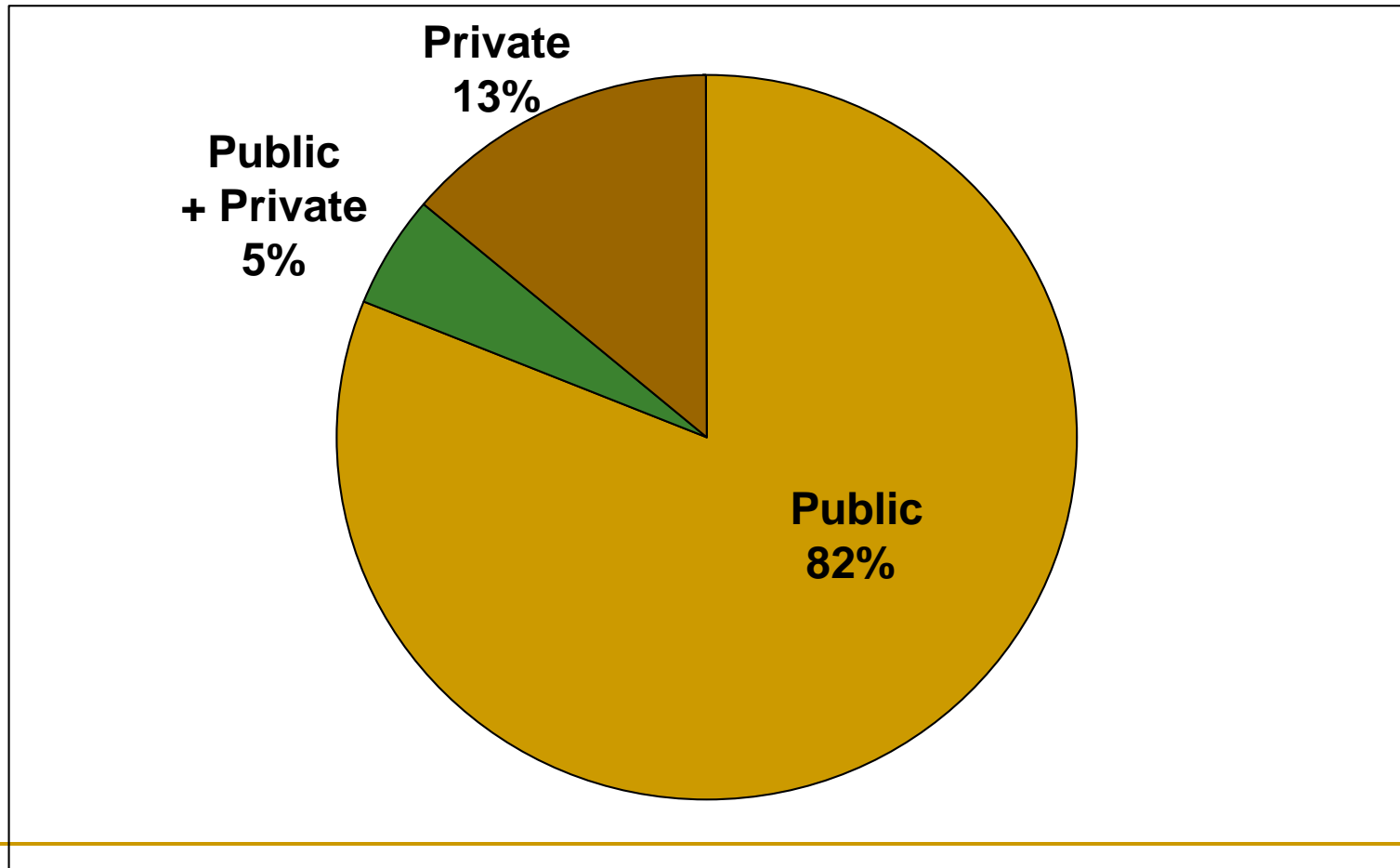


Complexity Scores of CYSHCN

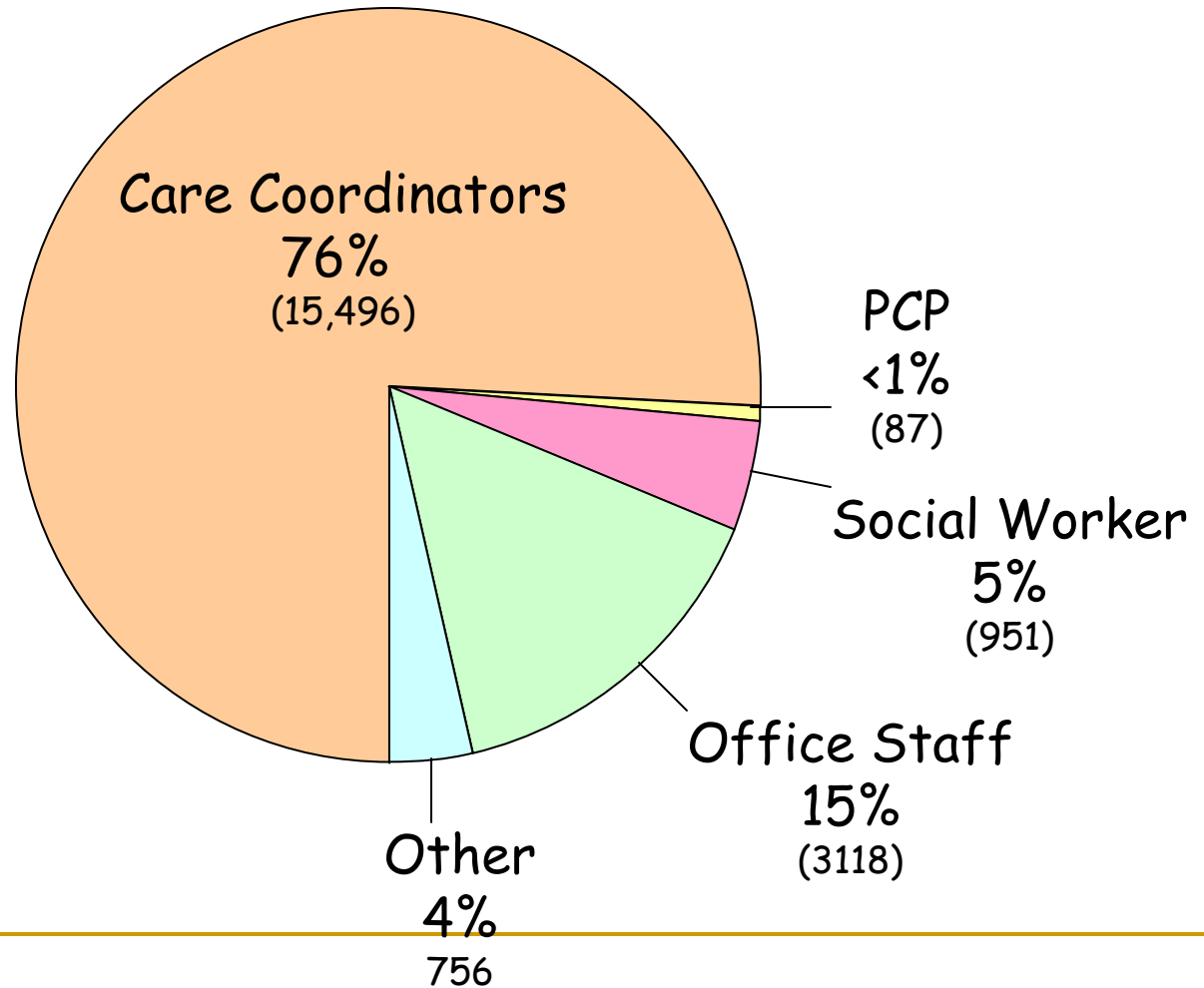


Types of Insurance-

The Center for CSHCN



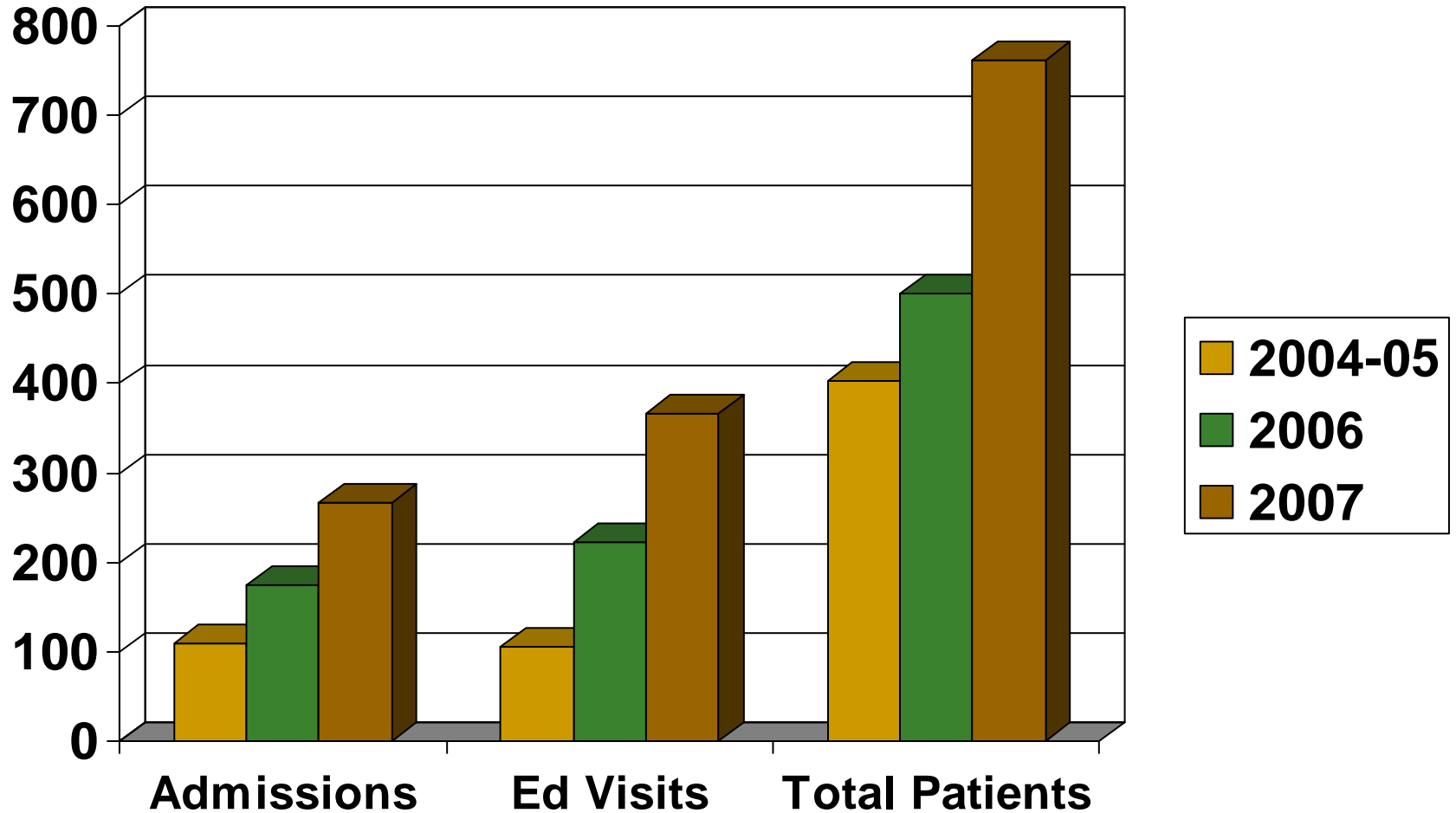
Time Spent on Care Coordination



Center Activities Over Time

	2004	2005	2006	2007
Referrals to specialists	2255	3213	3178	2907
Studies	1000	1509	1516	1407
Care Plans	243	120	244	261
Medical Summaries	157	175	245	285
Community resource referrals	739	570	370	715
Mental Health referrals	169	80	64	76

Health Care Utilization



Programs at The Center at SCHC

- Participate in EPIC IC
 - Care Coordination
 - Home Evaluations
 - Joint Pulmonary Program
 - FASD Initiative
 - Transition Program
 - Down Syndrome Program
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How did the Center for CYSHCN evolve?



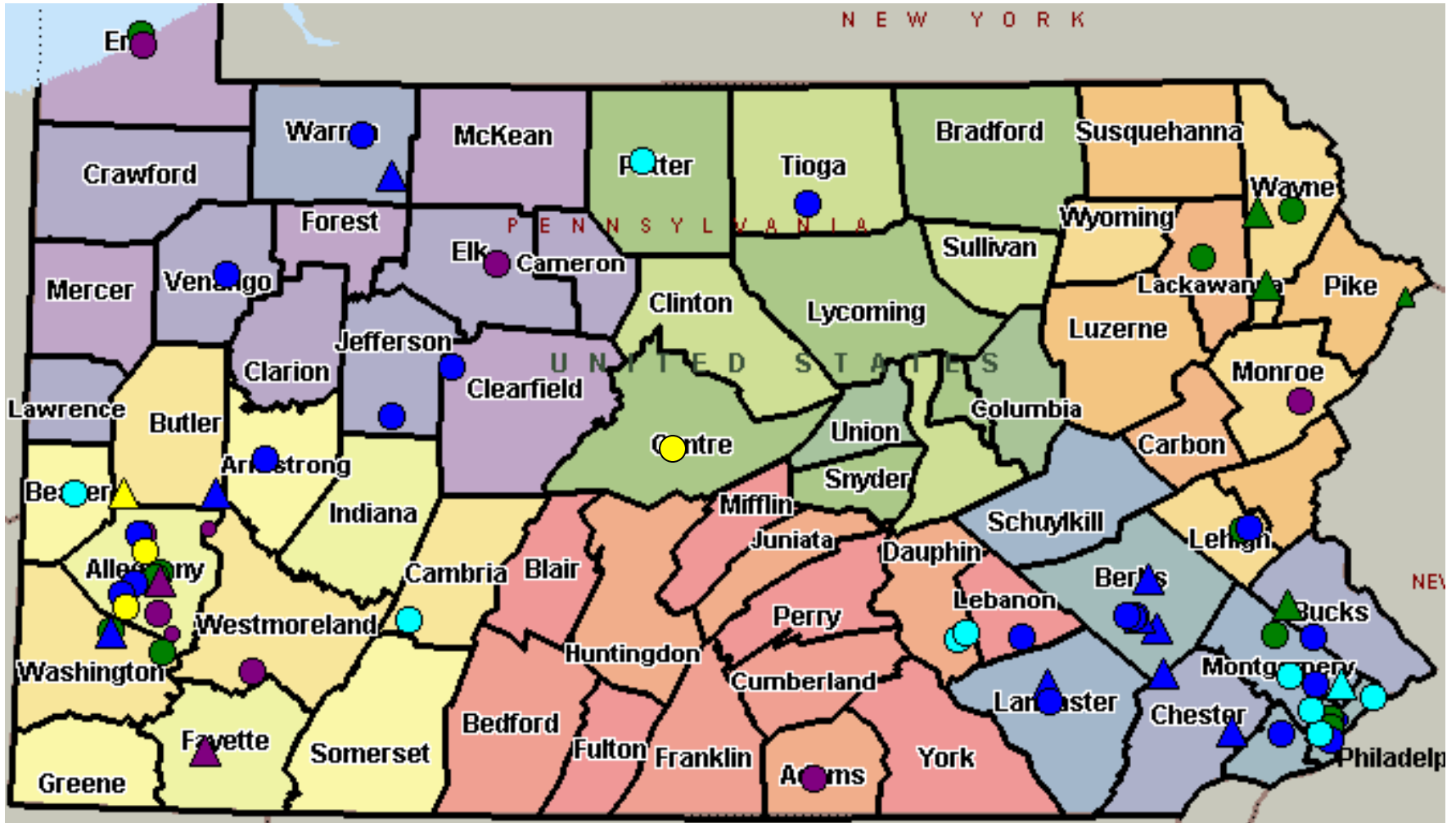
What is the EPIC IC program?

- Quality improvement initiative
 - Works with pediatric practices to implement Medical Home principles within the practice
 - Data Collection and Management
 - Site visits/Technical Assistance/Conferences
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Summary of EPIC IC Participation

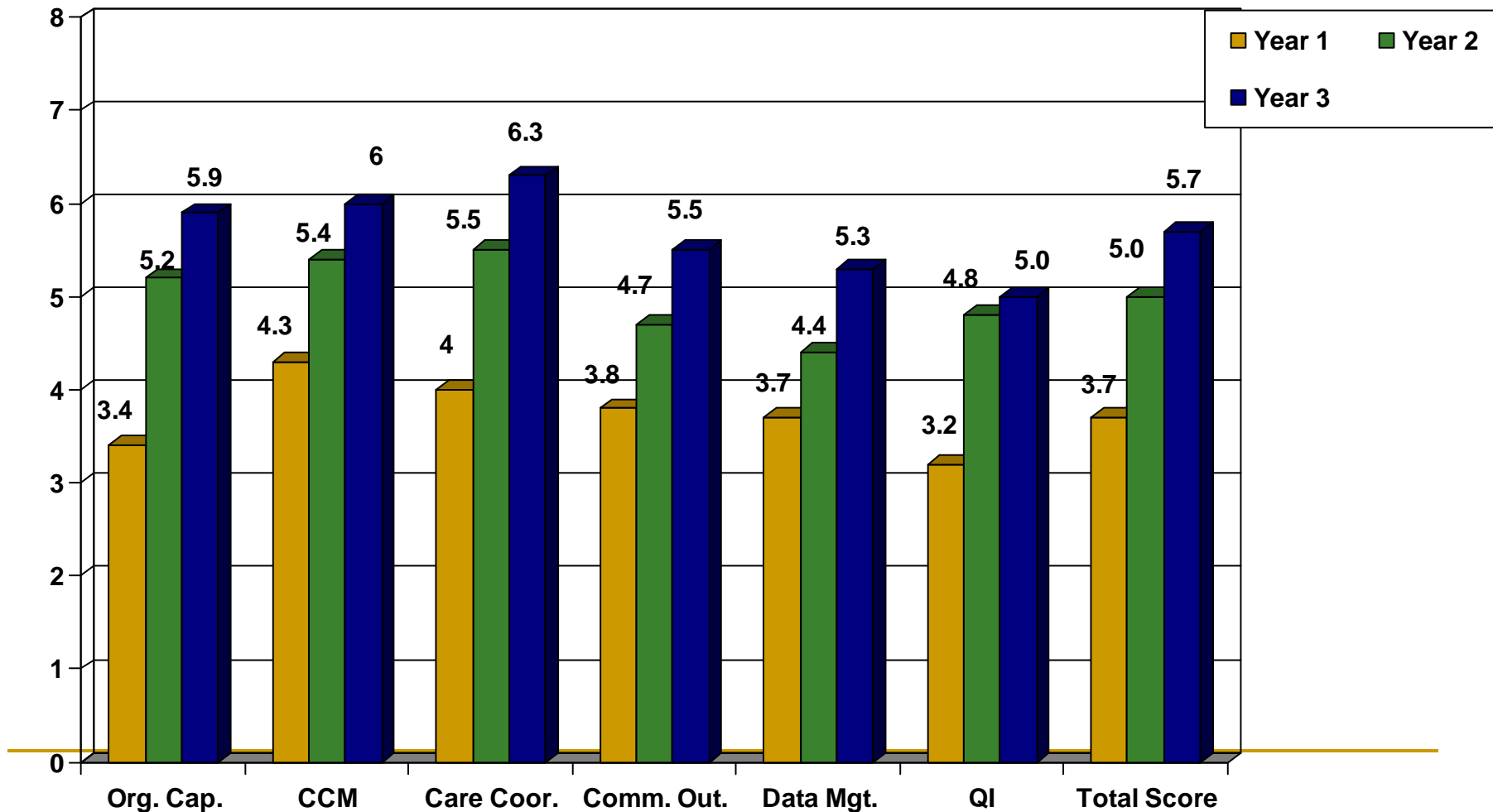
- 62 practices trained in medical home principles
 - Over 33 practices received funding for care coordination
 - Practices represent:
 - 6 regions & 30 counties in PA
 - urban, suburban, and rural communities
 - Hospital systems
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EPIC IC Medical Home Sites



- Medical Home Adopter (currently active in EPIC IC)
- Medical Home Trainee (Received Training)
- Medical Home Adopter (Achieved implementation)
- In recruitment
- Medical Home Adopter (First year of implementation)
- △ Satellite office

Average Practice MHI Scores By Domain



All p values <0.05

Where are we going?

Policy, research, practice

- Funding
 - AAP and Chapter involvement
 - Cost effectiveness
 - Co-management models
 - Adult Medical Home (IPIP)
 - NCQA Advanced Medical Home
 - ABP Certification
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