Strategically Prioritizing Service Requests for Mobile Vision and Dental Services

Greta Todd, MA
Anyah Land, MPH
Catherine Rains, MPH
St. Louis Children’s Hospital
APHA Annual Conference 2012
San Francisco, CA
Presenter Disclosures

• Greta Todd, MA

• The following personal financial relationships with commercial interests relevant to this presentation existed during the past 12 months:
  – I have no relationships to disclose
Learning Objectives

• List and explain unique indicators useful in prioritizing service requests for vision and dental services

• Discuss how the scoring metric decreased barriers to accessing screening and dental services
Healthy Kids Express

- Vision & Hearing
- Height, Weight & Blood Pressure
- Blood Lead & Anemia
- Immunizations
- Scoliosis
- Dental
- Asthma
Healthy Kids Express Screening and Dental

- Over 25,000 children served/year
- Serving children in 4 counties in Missouri and Illinois
- Service requests have quadrupled in the last 5 years.
Methods

• Systematic method to prioritize service requests

• Review of literature identified key indicators of need
  – Socio-economic status\textsuperscript{1,2,3}
  – Access to services\textsuperscript{2,3,4}
Measurement

• Socio-economic Status
  – Free and Reduced School Lunch
  – Children in Poverty

• Access to Healthcare
  – Insurance status of children
  – Distance from federally qualified health clinic
  – School or site nurse to child ratio
Prioritization Process

• Online application
  – Zip Code of children at organization
  – Screening services requested
  – Nurses per child at site

• Potential sites are scored based on
  – Indicators of community need
  – Accountability for site staff to comply with HKE policies
Results

• 96 sites were prioritized for HKE services
• Greater utilization of other community resources
  – Logan Chiropractic School (scoliosis)
  – Special School District (hearing)
  – Community Health Centers (vision, hearing)
Location of HKE Services and Community Health Centers

About Tableau maps: www.tableausoftware.com/mapdata
Location of HKE Services
References


Contact Information

Greta Todd, Director of Advocacy and Outreach
St. Louis Children’s Hospital
gretat@bjc.org
314-286-0956
1 Children’s Place
St. Louis, MO 63110