

BUILDING RESILIENT COMMUNITIES: WORKING AT THE INTERFACE BETWEEN PUBLIC HEALTH AND HOSPITAL SYSTEMS

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PEDIATRICS



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BUILDING RESILIENT COMMUNITIES: WORKING AT THE INTERFACE BETWEEN PUBLIC HEALTH AND HOSPITAL SYSTEMS

- Overview
- Case studies
 - Postpartum depression
 - Abusive head trauma



THE INTERFACE BETWEEN PUBLIC HEALTH AND HOSPITAL SYSTEMS

MEDICINE

Primary focus on individuals

Goal: Improve the health of individuals through disease diagnosis, care, and treatment of patients

PUBLIC HEALTH

Primary focus on population

Goal: Improve the health of populations through disease prevention and health promotion

THE INTERFACE BETWEEN PUBLIC HEALTH AND HOSPITAL SYSTEMS

Healthier and
more resilient
communities
and individuals

TEXAS CHILDREN'S

- **Hospitals:** 3 hospitals with 3.5 million patient encounters / year
- **Pediatric Association:** 53 pediatric practices, 260 pediatricians, largest pediatric primary care network in the nation
- **Health Plan:** 400,000 members, provides more than half of Medicaid coverage to children in Harris County
- **Pavilion for Women:** 6,000 births /year



Why treat people...



**then send them back
to the conditions that made them sick?**

2 | WHO Commission on Social Determinants of Health | August 28 2008



SECTION OF PUBLIC HEALTH PEDIATRICS

- Mission
 - To create a healthier future for Texas's children and families by leading in patient care, education and research that seeks to mitigate childhood adversities and to accentuate individual, family and community resilience.
- Clinical
 - Child Abuse Pediatrics Program
 - Children's Assessment Center
 - Foster Care Clinic
- Public Health
 - Center for the Study of Adversity, Resilience, and Education
 - ACE workgroups

ADVERSE CHILDHOOD EXPERIENCE WORKGROUPS

- Convenes local government, community nonprofits, health care, and academia
- Dedicated staff time
- Collaborative, data driven, action oriented
- Identified four ACEs as a starting point
 - Intimate Partner Violence
 - Postpartum Depression
 - Food Insecurity
 - Abusive Head Trauma / Parent Support

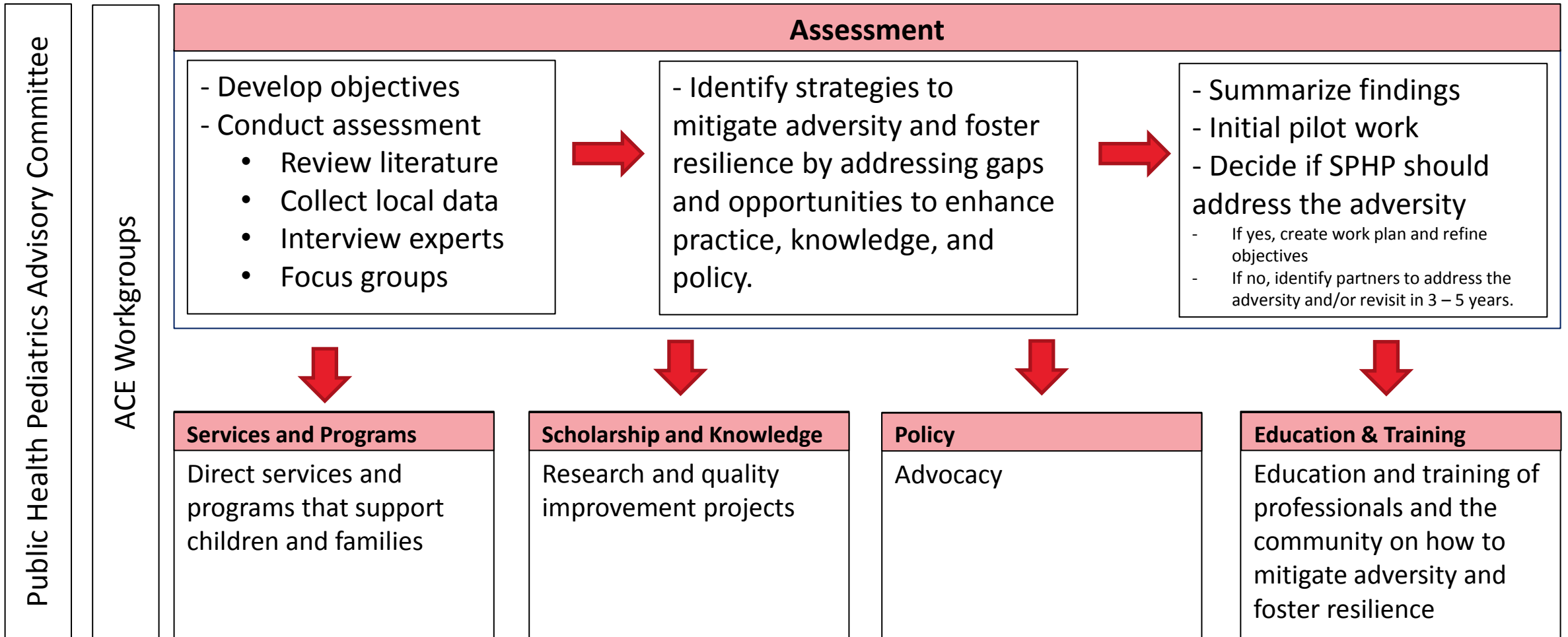


Texas Children's Public Health Pediatrics ACE Workgroup's Framework to Mitigate Childhood Adversity and Foster Resilience

Community facing

Collaborative

Capacity building



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CASE STUDY #1

POSTPARTUM DEPRESSION

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POSTPARTUM DEPRESSION SCREENING

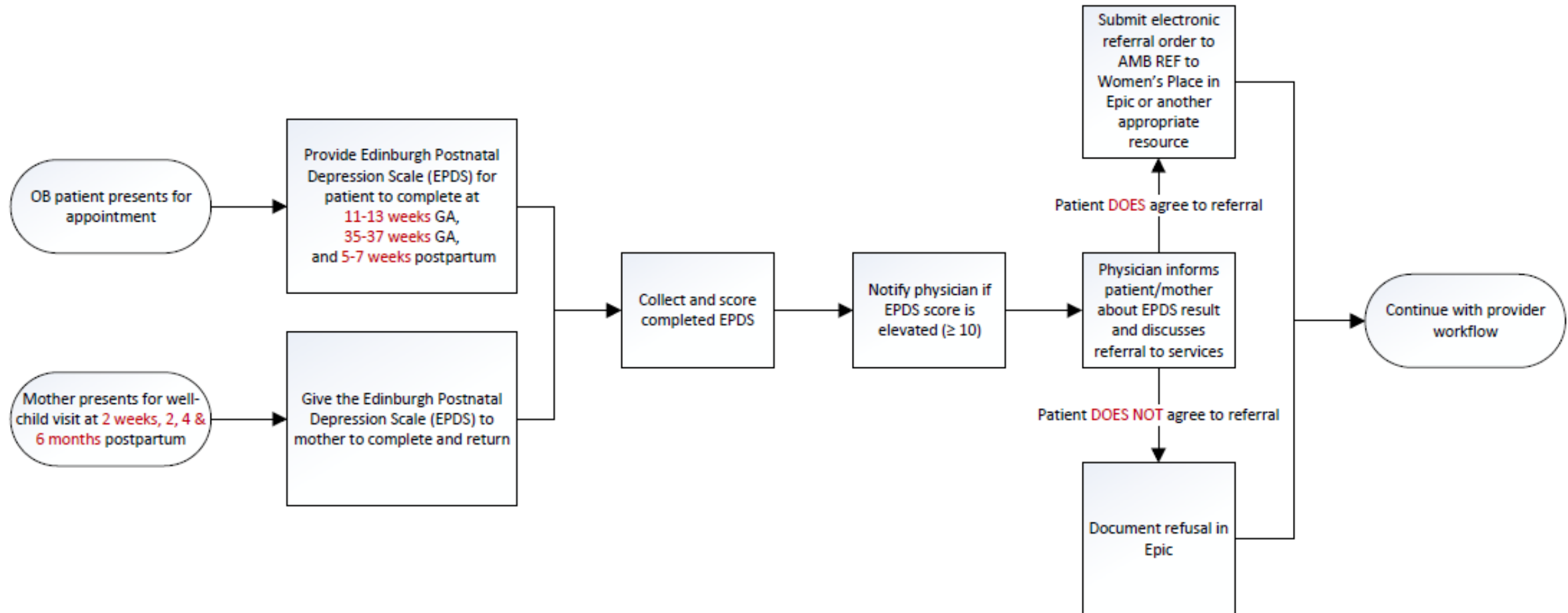
- How do we improve the early identification, referral, and treatment for women with postpartum depression?
- Strategies:
 - Train pediatricians to screen and refer mothers with postpartum depression to treatment
 - Assess available treatment options
 - Pilot a model to increase treatment and care options



POSTPARTUM DEPRESSION SCREENING

- Trained 36 pediatric practices, 3 obstetric practices to screen mothers for postpartum depression
- One hour training with physician and clinic staff
 - Signs and symptoms of perinatal mood and anxiety disorders
 - Administering and scoring the Edinburgh Postnatal Depression Scale (EPDS)
 - Integrating screening workflow into practice
 - Documentation and submitting electronic referrals via electronic medical record (EMR) system

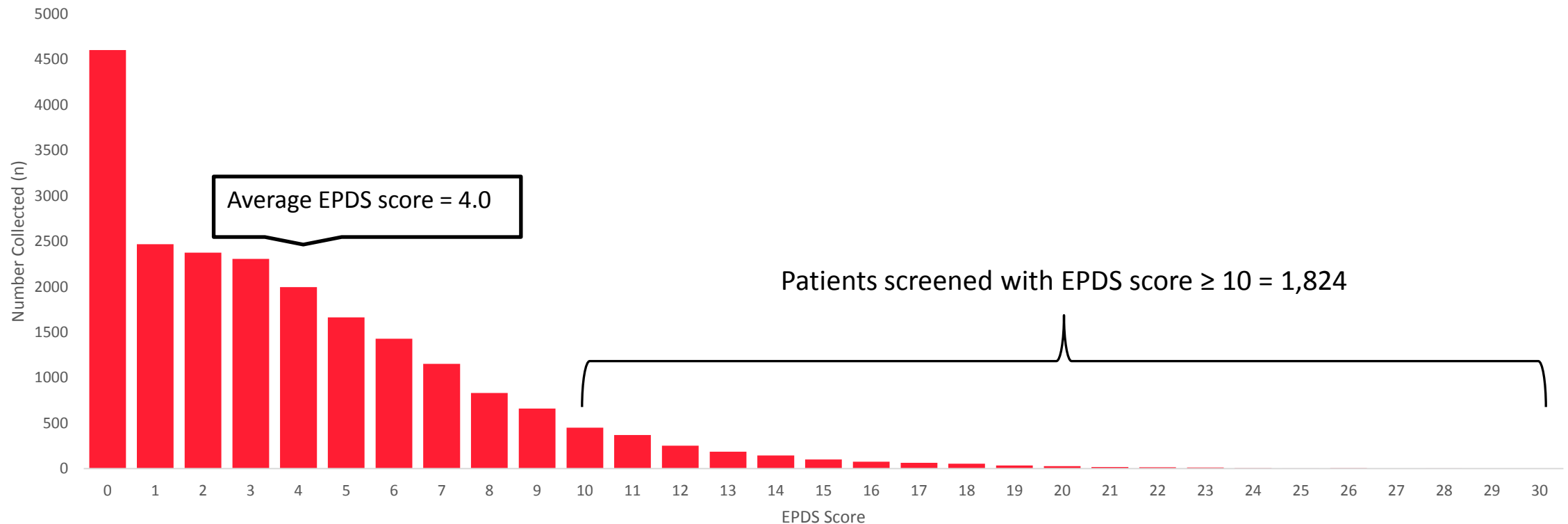
POSTPARTUM DEPRESSION SCREENING WORKFLOW



DISTRIBUTION OF EPDS SCORES, OBSTETRIC AND PEDIATRIC PRACTICES

MAY 2014 – JUNE 2017

N = 21,302



PEDIATRICS

REFERRAL AND TREATMENT OUTCOMES

<i>Clinic Type</i>	Referrals Received	Patients Treated*	
	(n)	(n)	(%)
Obstetric	1,371	1,094	80%
Pediatric	321	90	28%
Total	1,692	1,184	70%

* Treated is defined as patients completing an appointment with a mental health provider within 60 days of referral.

Obstetric: October 2014 – June 2017

Pediatric: May 2014 – June 2017

POSTPARTUM DEPRESSION– POLICY IMPLICATIONS

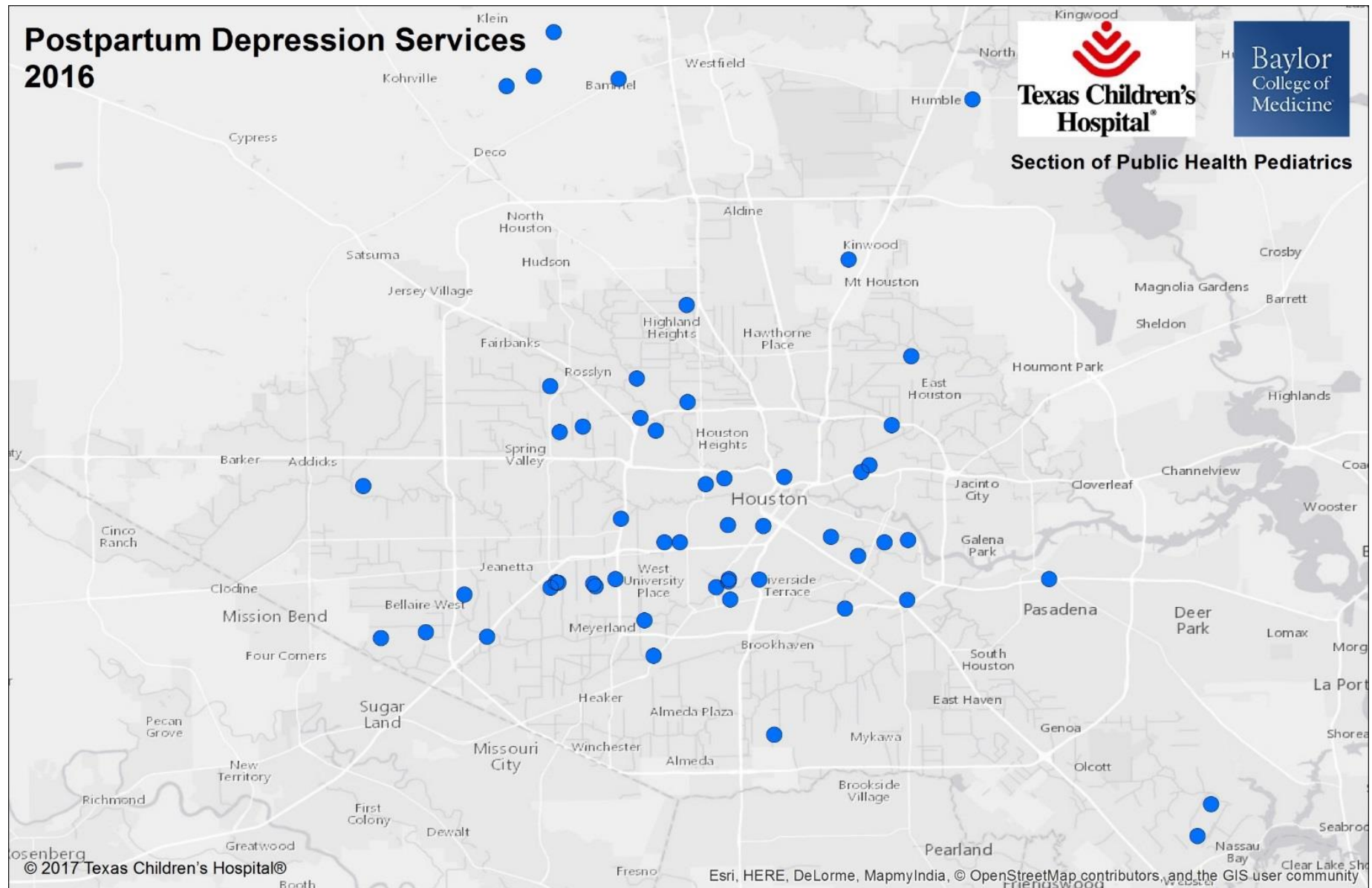
- January 2017: Texas Children's Health Plan began reimbursing pediatricians for screening for PPD
- May 2017: Texas legislature passed HB2466, requires Medicaid to reimburse pediatricians for PPD screening

NEXT STEPS

- As screening rates increase, we anticipate the demand for services to increase
- Are there enough services in Harris County to meet the needs of the 12,000 – 15,000 women with postpartum depression each year?

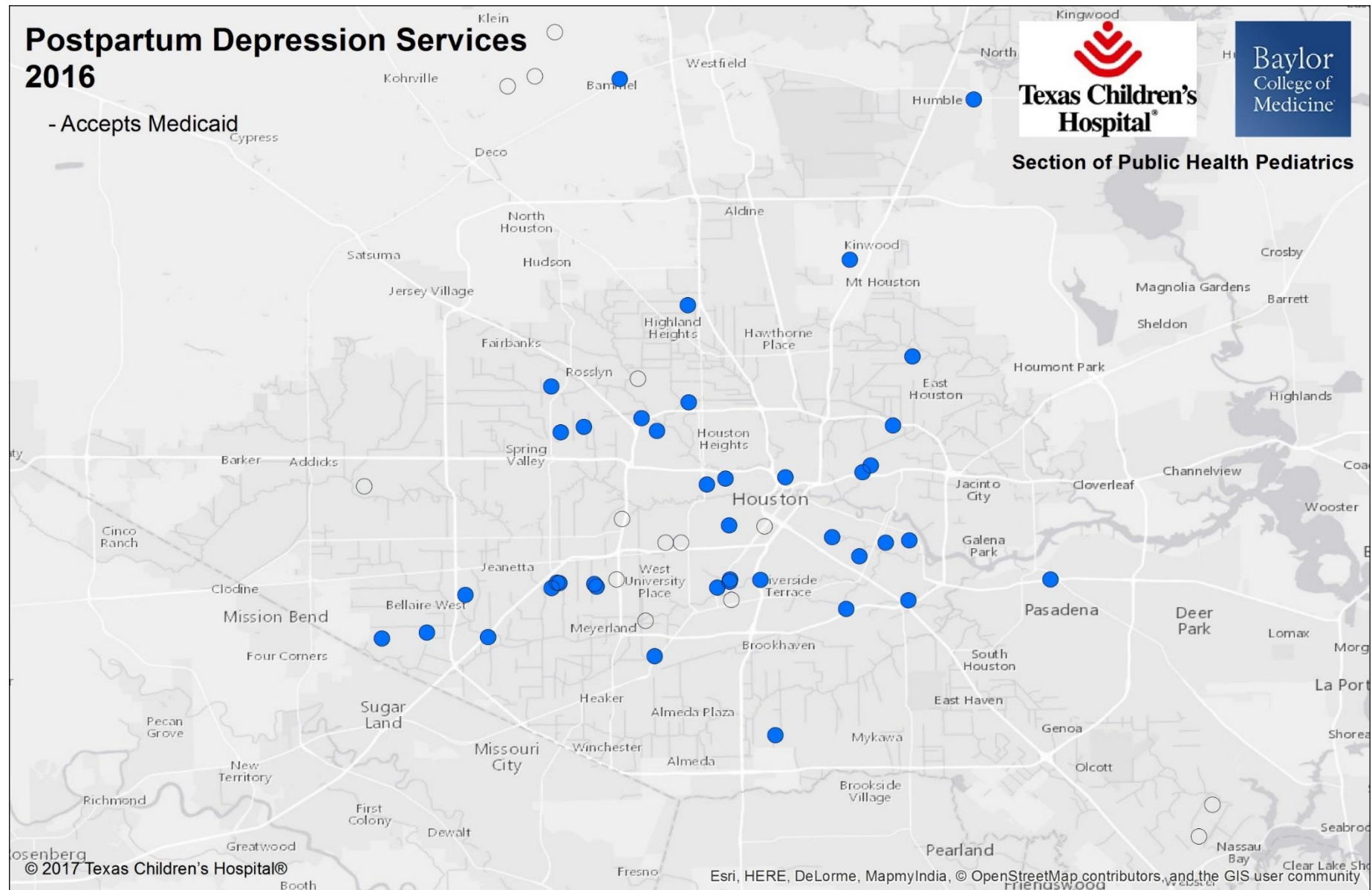


Postpartum Depression Services 2016



Postpartum Depression Services 2016

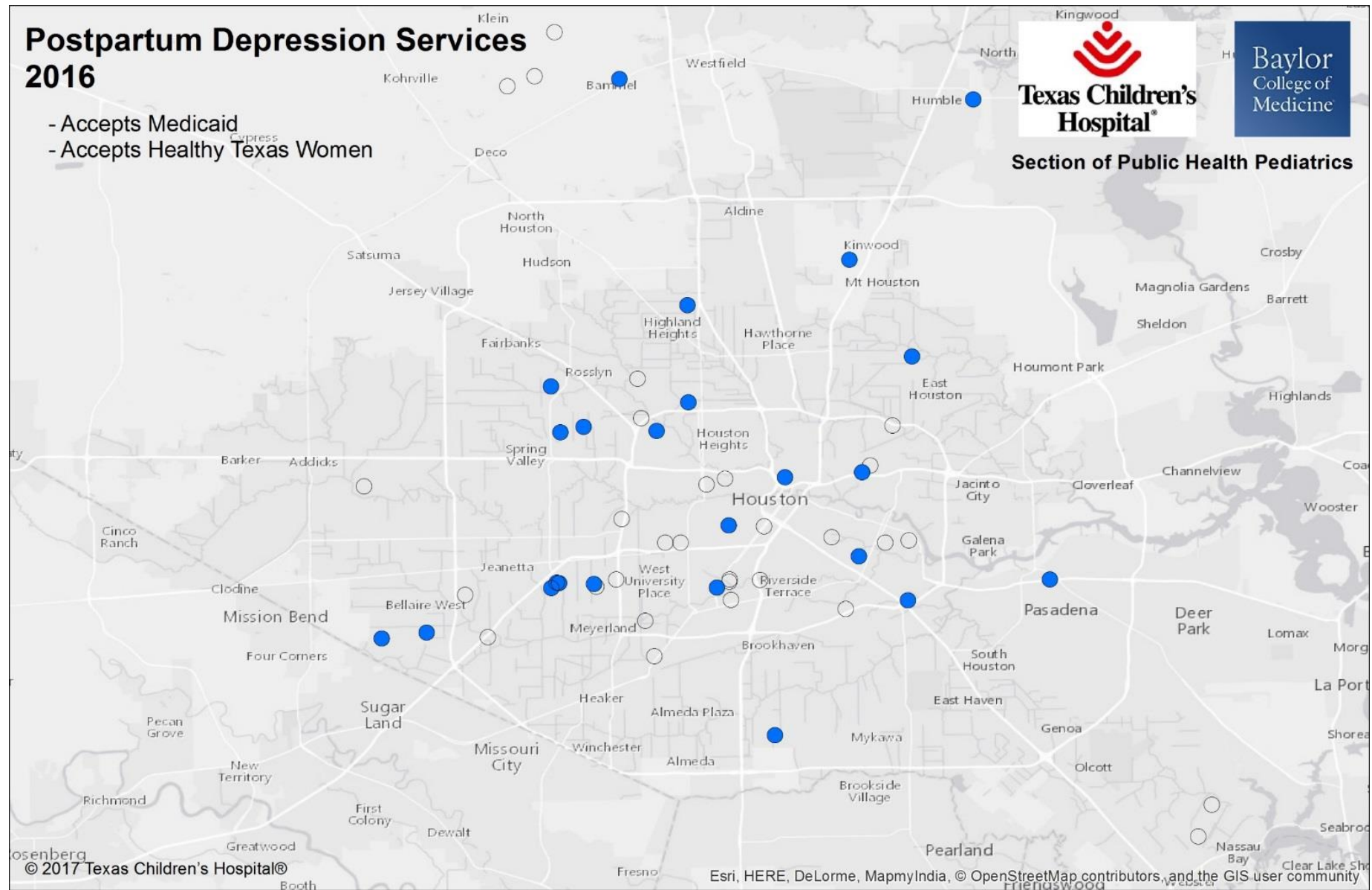
- Accepts Medicaid



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Postpartum Depression Services 2016

- Accepts Medicaid
- Accepts Healthy Texas Women



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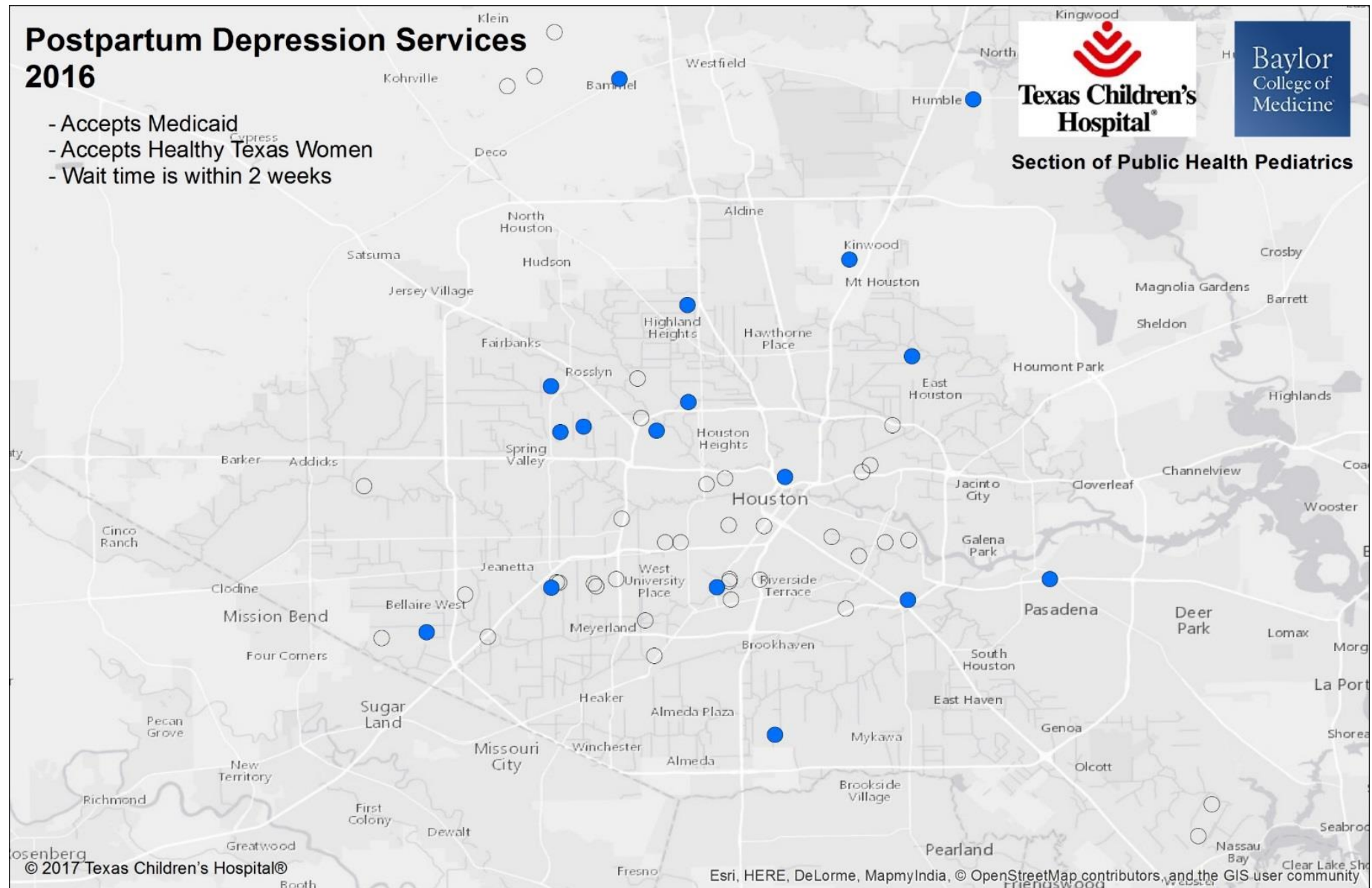


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Postpartum Depression Services 2016

- Accepts Medicaid
- Accepts Healthy Texas Women
- Wait time is within 2 weeks



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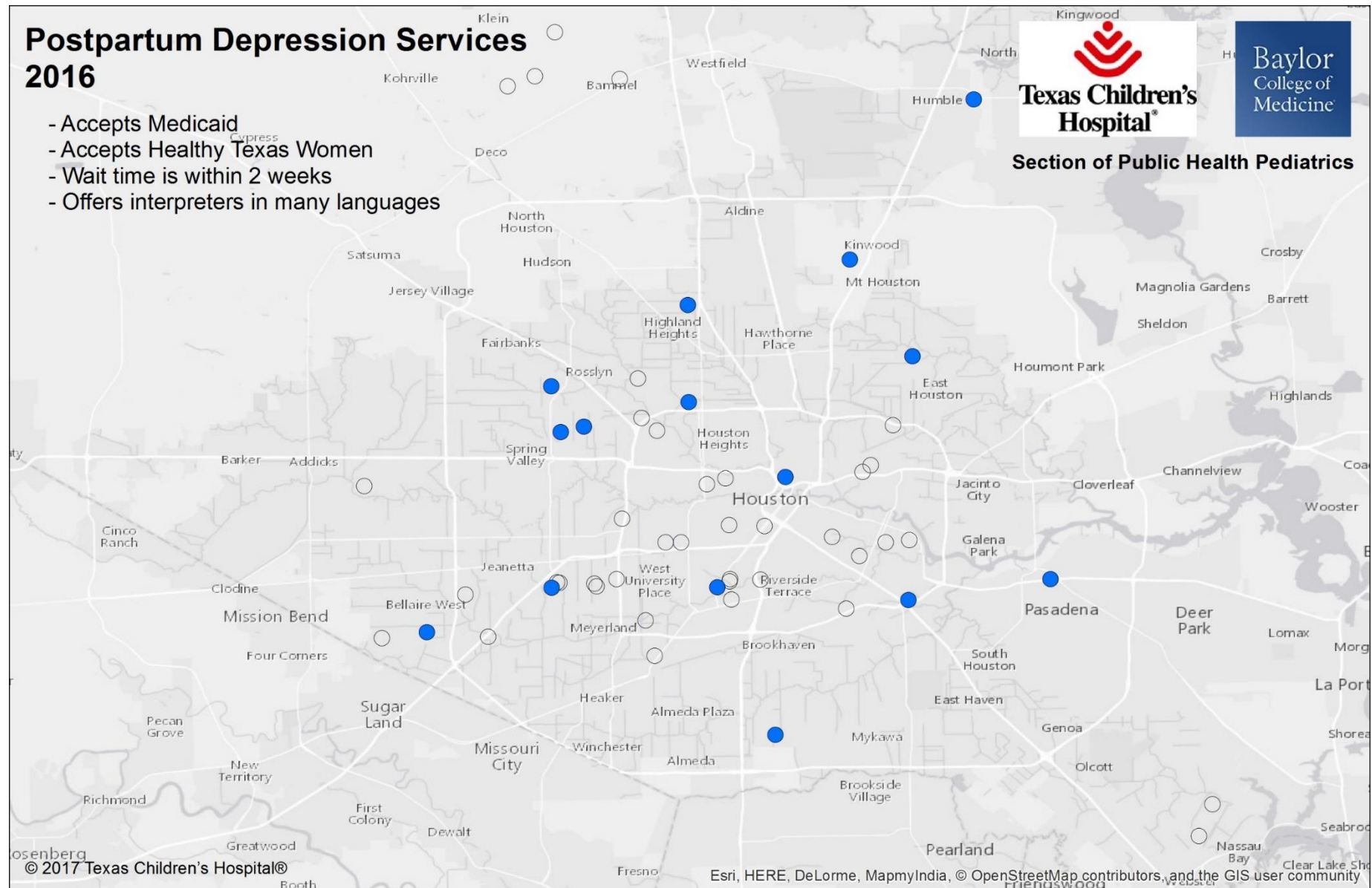


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Postpartum Depression Services 2016

- Accepts Medicaid
- Accepts Healthy Texas Women
- Wait time is within 2 weeks
- Offers interpreters in many languages



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WHERE WE ARE NOW?

- Piloting a study to see if home visitation programs and support groups are as effective as a referral to a psychiatrist for mothers with mild to moderate signs of postpartum depression
- Partnering with state leaders on the implementation of HB2466

CASE STUDY #2

ABUSIVE HEAD TRAUMA AND PARENT SUPPORT

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ABUSIVE HEAD TRAUMA AND PARENT SUPPORT

- How do we decrease rates of abusive head trauma and provide more support to parents of young babies?
- Strategies:
 - Provide evidence-based parent education to parents through hospitals and community organizations
 - Normalize participation in parenting programs



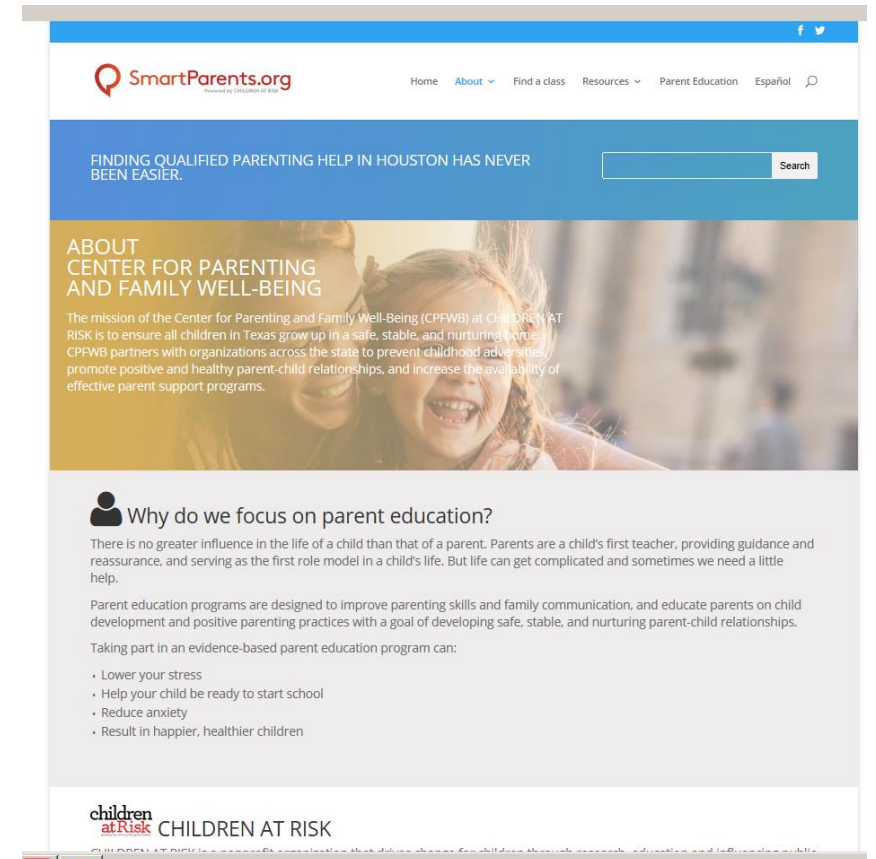
ABUSIVE HEAD TRAUMA AND PARENT SUPPORT

- Formed a coalition chaired by the Surgeon-in-Chiefs at Texas Children's Hospital and Children's Memorial Hermann
- 10 local hospitals are delivering Period of Purple Crying® to 20,000 families this year
- Period of Purple Crying® is an educational program to normalize infant crying, teach parents how to soothe their infants, and prevent abusive head trauma



ABUSIVE HEAD TRAUMA AND PARENT SUPPORT

- Trained 86 providers from 19 organizations to deliver Triple P, a parent education program at churches, schools, afterschool programs, daycares, clinics, and social service agencies.
- Developed a website and marketing campaign to decrease stigma and improve access



ABUSIVE HEAD TRAUMA AND PARENT SUPPORT

- Safe Babies
 - A four arm research trial that is looking at maternal supports and the impact on maternal stress and bonding
- upWORDS
 - Parenting program for new parents that teaches parents how to talk and engage with their young children.



INTERFACE OF PUBLIC HEALTH AND HOSPITALS TO BUILD RESILIENT COMMUNITIES

- Collaborative efforts
- Outcome oriented
- Need a champion within the healthcare system
- Address the strengths and limitations of the healthcare system and public health in developing strategies



QUESTIONS?

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