

**PROMISING PRACTICES IN
THE INTEGRATION OF THE
NURSE FAMILY PARTNERSHIP
PROGRAM INTO A LOCAL
COUNTY EARLY CHILDHOOD
SERVICE SYSTEM**

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Kane County Health Department

Local Public Health Departmentsbreathe,
think, lead, and do the core functions!



....and, in beginning new initiatives, we are
challenged to vision new ways of integrating
them into core function activity. . .

Developing our new Kane Kares Nurse Family Partnership Program in Kane County challenged us. . . .

- To match the program to assessed community need
- To promote and deliver evidence-based practice
- To integrate the program into the Early Childhood System—assuring gaps and enhancing the system itself

Kane Kares



Nurse Family Partnership

- First-time, low-income mothers
- Pregnancy through child's 2nd birthday
- Nurses have three goals:
 1. Improve outcomes of pregnancy
 2. Improve child health and development
 3. Improve family economic self-sufficiency

Major Program Outcomes

- Improved prenatal health
- Reduction in child abuse & neglect
- Reduction in childhood injury
- Increase in father involvement
- Increased intervals between births
- Increased maternal employment
- Improved school readiness
- Reduction in crime

Cost-Benefit Analyses

- NFP, when implemented with fidelity to the model, produces significant benefits for children and their parents, and over time will return \$2.88-\$5.70 for every dollar invested
- Costs are recovered by child age four and cost savings continue to build throughout the lives of both mother and child
- Savings accrue to government from:
 - Decreased spending on child protection, health care, education, criminal justice, mental health and public assistance
 - Increased taxes paid by employed parents

(Washington State 2004, RAND 1998, 2005)

Kane County

(NFP Data, 2007)



- 539 clients served since program inception in 2001
- Median income of clients is \$17,500
- 89% are receiving Medicaid
- 92.6% are unmarried
- Median age is 17

- Ethnicity/race of clients:

13.6% non-Hispanic white, 71.1% Hispanic, 12.2% African-American, 2.7% multi-racial, .4% Asian

Kane County (NFP Data, 2007)



- 52.5% enrolled by 16 weeks of pregnancy (42% Nationally)
 - 77% initiate breastfeeding – exceeding the NFP goal of 75%
 - 56% decrease in domestic violence reports after enrollment
 - Statistically significant reductions in tobacco use
-
- Impressive results given the young maternal age and high risk environment of these clients

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Kane Kares



Illinois Plan for Local Assessment of Need (IPLAN)

- Community-driven process for assessing need and choosing priorities
- Child abuse and neglect selected for priority
- Local county board funding issue for juvenile offenders



Kane County Profile (IPLAN, 2006)

- 40 miles west of Chicago and 520 square miles
- Eastern urban corridor of county follows river, western rural area
- Contains 2nd and 8th largest cities in Illinois
- 493,735 estimated population, 2006
- 79% Caucasian, 6% African American, 27% Hispanic (largest percentage of Hispanics in an Illinois county)
- Median Income, \$53,000
- 8,000 births annually, (40-45% covered by Medicaid)

Kane County Young Child Demographic Profile

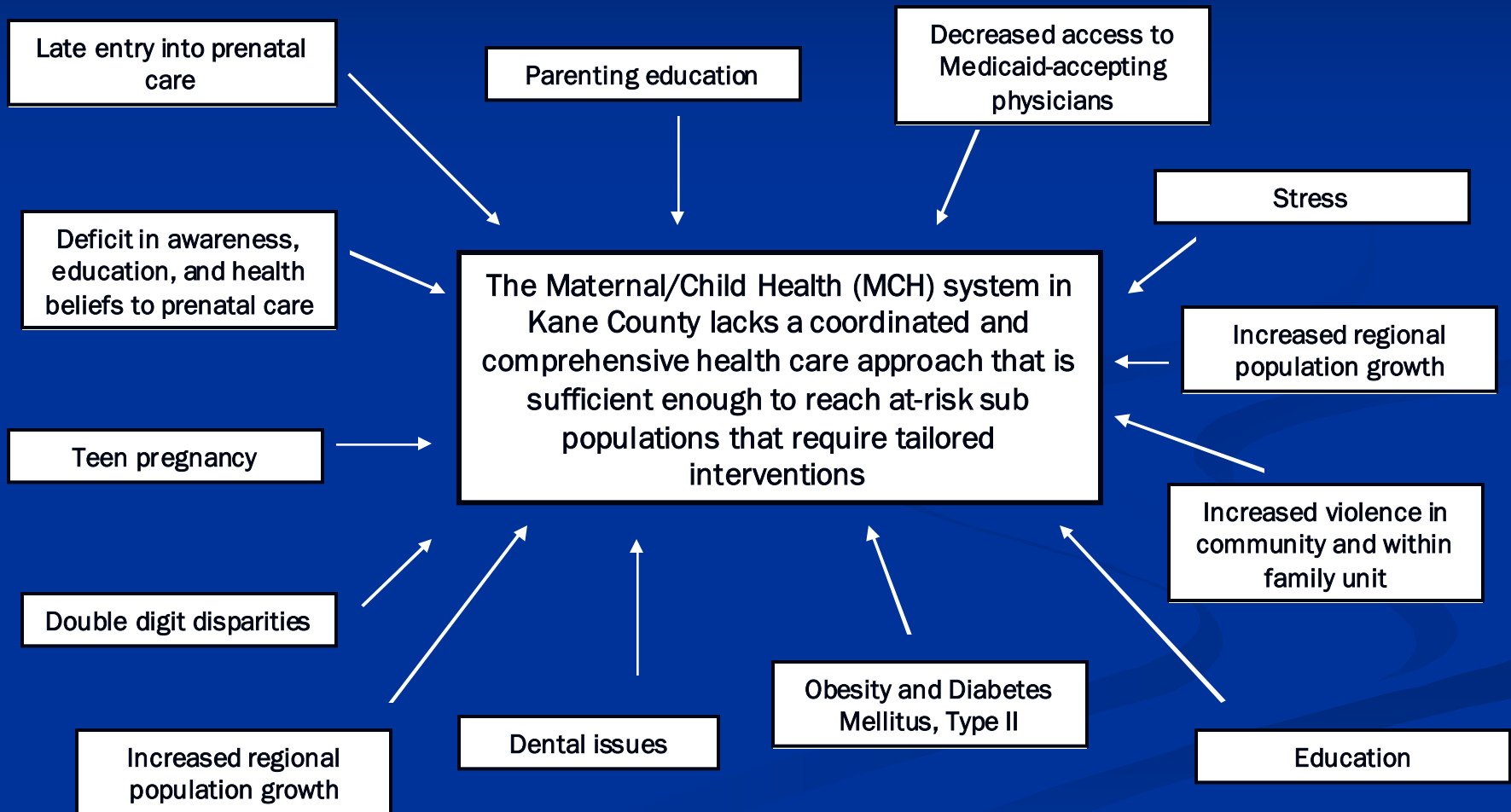
Total Population	493,735 (US Census, 2006 estimate)
Children < age 1	7,239 (IECAM/UIC)
Children age 1	7,240 (IECAM/UIC)
Children age 2	6,641 (IECAM/UIC)
Children age 3	7,136 (IECAM/UIC)
Children age 5 and under	42,607 (IECAM/UIC)
Below 185% poverty level, 1999	10,102 (IECAM/UIC)
Below 100% poverty level, 1999	3,991 (IECAM/UIC)

Kane Data: Illinois Early Childhood Asset Map

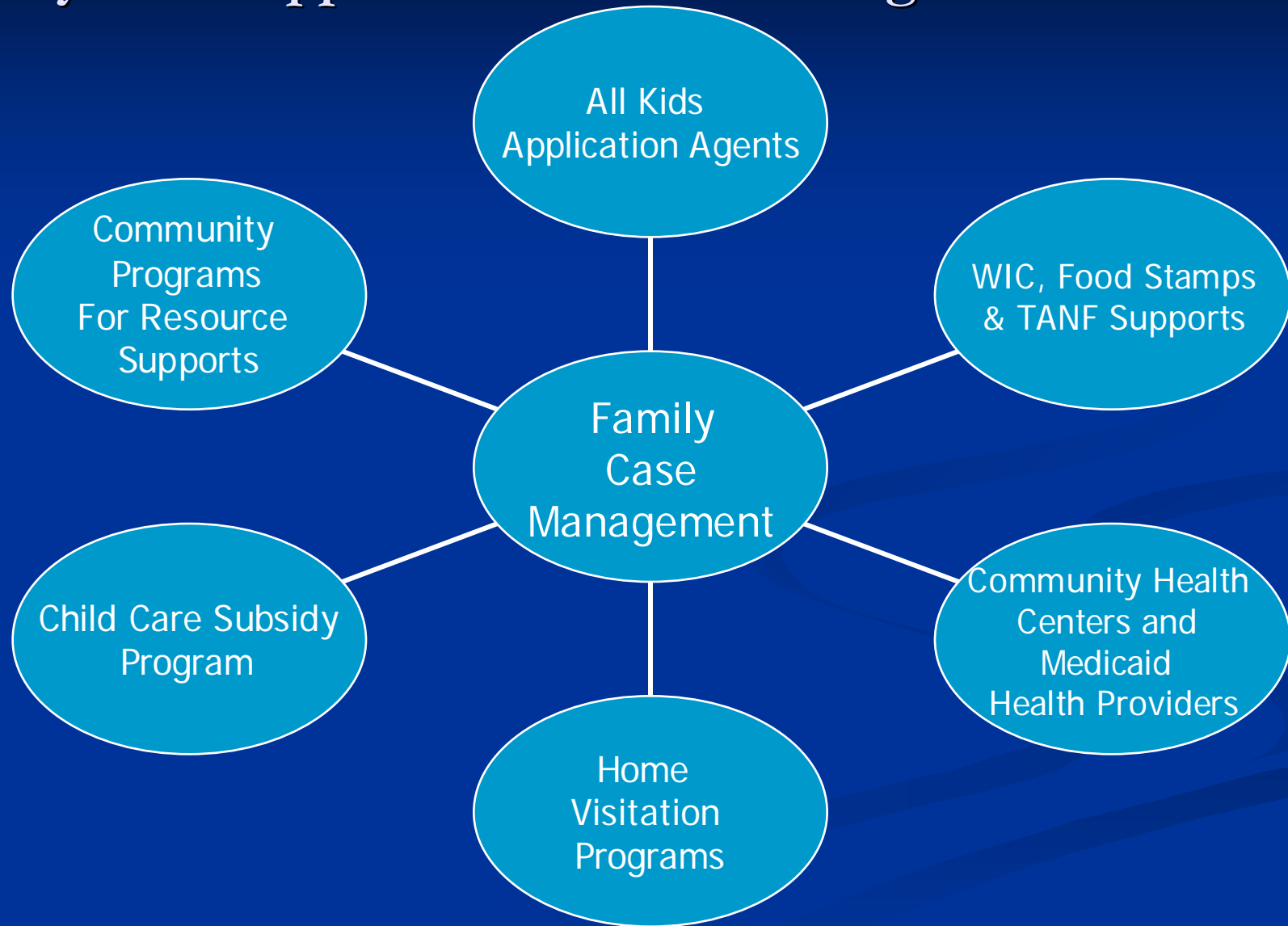
PreKindergarten Slots	2,168	(IECAM/UIC)
Head Start Slots	629	(IECAM/UIC)
Early Head Start Slots	90	(IECAM/UIC)
Licensed Child Care Slots	6,453	(IECAM/UIC)
License-exempt Slots	3,851	(IECAM/UIC)
Licensed Home Slots	1,000	(IECAM/UIC)
Parents Too Soon/Healthy Families Slots	219	(IECAM/UIC)
Early Intervention	693	(IECAM/UIC)
Kane Kares NFP	161	(KCHD)

	Kane Blacks	Kane Total	Illinois	Source
Infant Mortality	12.7	6.9	8.3	Peristats, 2003
5 Year Infant Mortality Trend	20.1	6.9	8.1	Illinois Dept.of Public Health (IDPH)Center for Health Statistics, (CHS) 1997-2001
5 Year Post-Neonatal Infant Mortality	4.4%	1.8%	2.6%	IDPH CHS, 1998-2002
Small for Gestational Age	18.7%	8.4%	9.7%	IDPH CHS, 2005
Low Birth Weight	15.5%	7.4%	8.6%	IDPH CHS,, 2005
Very Low Birth Weight	3.3%	1.2%	1.6%	IDPH CHS, 2005
Preterm Births	17.0%	10.1%	10.7%	IDPH CHS, 2005
3rd T entry prenatal care	7.5%	2.8%	1.8%	IDPH CHS, 2005
No prenatal care	2.4%	0.2%	0.8%	IDPH CHS, 2005
1st T Entry into Prenatal Care	70.4%	82.4%	86%	IDPH CHS, 2005
Adequate Prenatal Care	60.5%	75.6%	75.4%	IDPH CHS, 2005
Birth to Teens	17.7%	8.9%	9.7%	IDPH CHS, 2005
HIV Cases	49 (31%)	157 (100%)	--	IDPH CHS, 2000-2004
AIDS Cases	36 (21%)	165 (100%)	--	IDPH CHS, 2000-2004

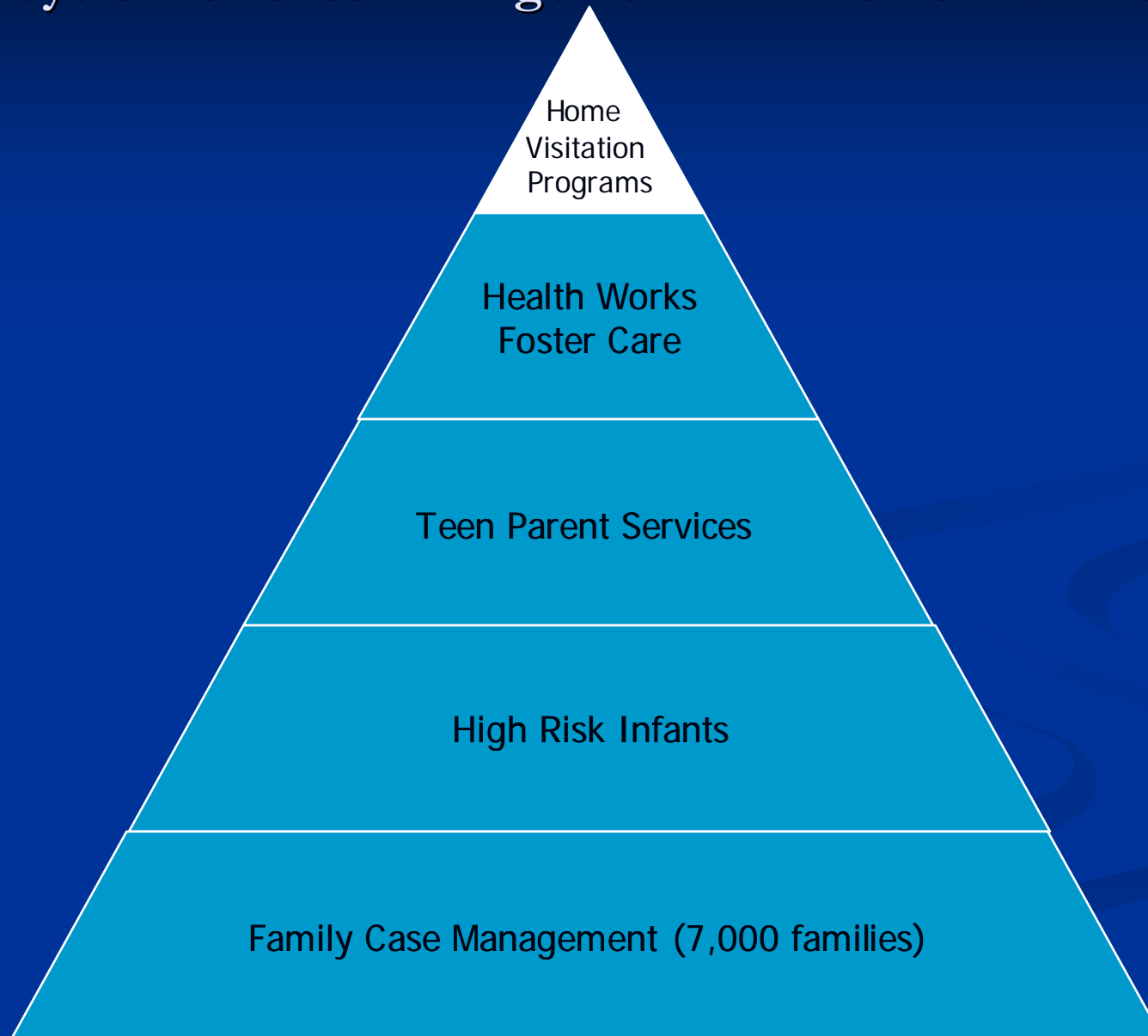
MCH IPLAN Problem Map



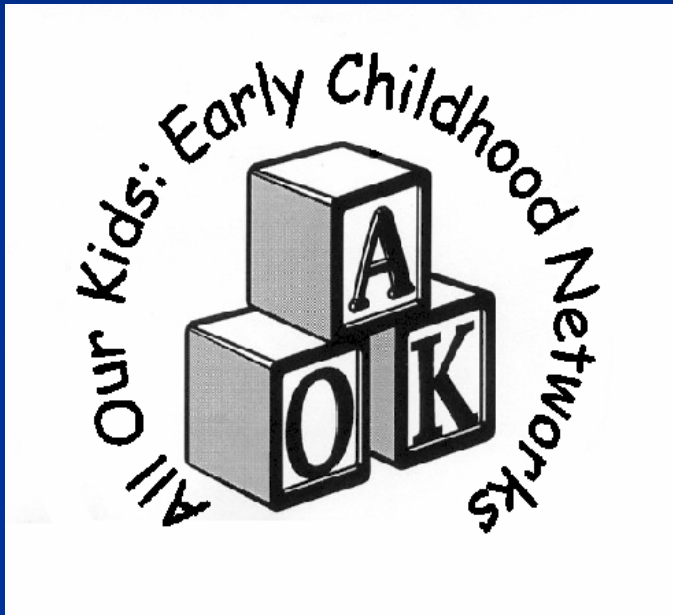
System Supports for Medicaid-Eligible Families



System of Case Management and Home Visitation



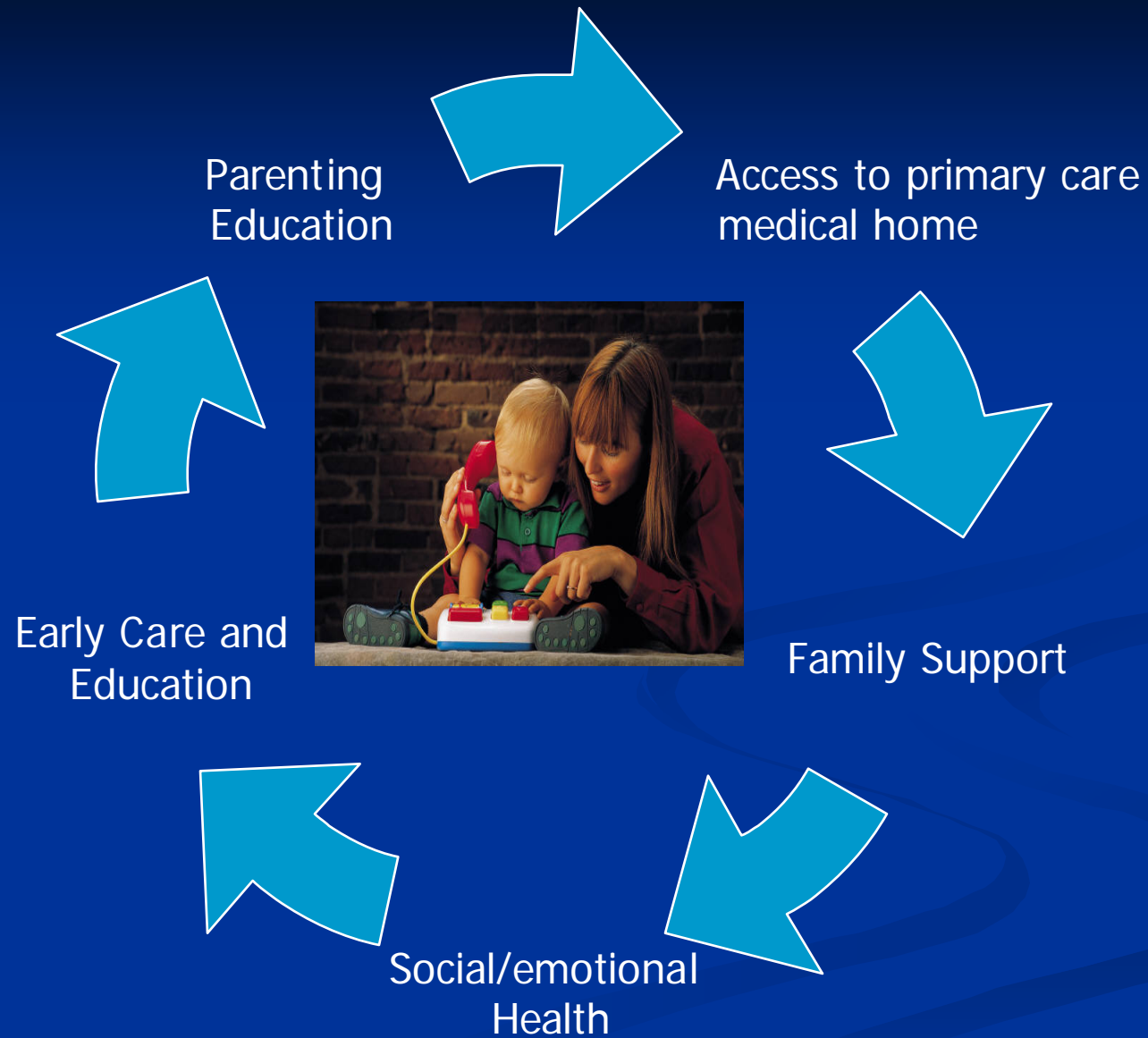
All Our Kids Birth to Five Early Childhood Network (AOK)



- Mobilizes partnerships with over 200 county agencies that serve the 0-5 population to implement a county strategic plan, based on assessment, that improves the system of care for our youngest residents

AOK Network Partners

- Family Case Management
- Teen Parent Services
- WIC
- Home Visitation
- Child Care Resource and Referral
- Child Care Providers
- High Risk Infant Program
- Literacy Programs
- Family Education and Strengthening Services
- Prenatal and Pediatric Health Providers/Medical Homes
- Mental Health Providers
- Head Start
- Early Intervention Coordination and Providers
- Prevention Initiatives
- Social Services
- Family Support Services
- Domestic Violence Services



Maternal Child Health Bureau Early Childhood System Content Areas

Kane Kares Nurse Family Partnership (KK NFP) Assures Medical Home/Access to Primary Care

KK NFP Nurses support and facilitate family linkage and relationship-building with:

- Prenatal care provider
- Primary Care Provider
- Specialty Care Provider as needed
- Oral care provider
- Mental Health provider as needed
- Pediatric provider
- EI care manager if needed
- Developmental screening, evaluation, and early intervention referral and coordination

KK NFP Nurse gives VOICE to client barriers, needs, gaps at the planning and policy tables for system level development

KK NFP Assures Services for Social /Emotional Health

- Screening for maternal depression prenatal, postpartum, post-neonatal
- Social-emotional screening for infant
- Domestic violence screening
- Referral, Linkage, Support for diagnosed mental illness and for diagnostic evaluation
- Referral, Linkage, Support for abnormal screenings
- Supporting mother and family members in ongoing issues related to social-emotional health
- **KK NFP nurses participated in ABCD Project and Domestic Violence SPRANS Grant for system level development and partnership with primary care providers**

KK NFP Assures Early Care and Education

- Helps assess options for child care and preschool
- Assists with child care subsidy application and child care choice that is high quality
- Offers referral and linkage to Early Head Start, Parents as Teachers, and other parent support programs/systems
- Completes NCAST, parenting screening, parent teaching with focus on ongoing anticipatory (and real time) education on developmental ages and stages, speech, language, and reading
- Assists parents to understand resources for child to transition to 3-5 service system (as needed)

KK NFP Assures Family Support

- Early parenting support even before birth—by 16 weeks on average
- Assesses and partners with the entire family system, including the father and his family
- Helps mom to assess her entire support system to explore ways to maximize personal and social support
- Helps mom to build relationship with primary care providers
- Breastfeeding Support before and after birth
- Resource Referrals and Linkages for social network and social capital development
- Life course development with coaching on self-sufficiency issues
- Environmental assessment and intervention for family

KK NFP Assures Parenting Education

- Helps mom to identify her “heart’s desire” for herself and her baby
- With the mom, explores her experience of parenting and helps her develop her own vision and values for her parenting role, goals, strategies
- Objective screening and assessment of mother-baby bonding and ongoing effective intervention and support
- Life course development, including educational goals for parents
- Child abuse and child safety screening, assessment, education and monitoring

KK NFP Addresses System Gaps in Kane County

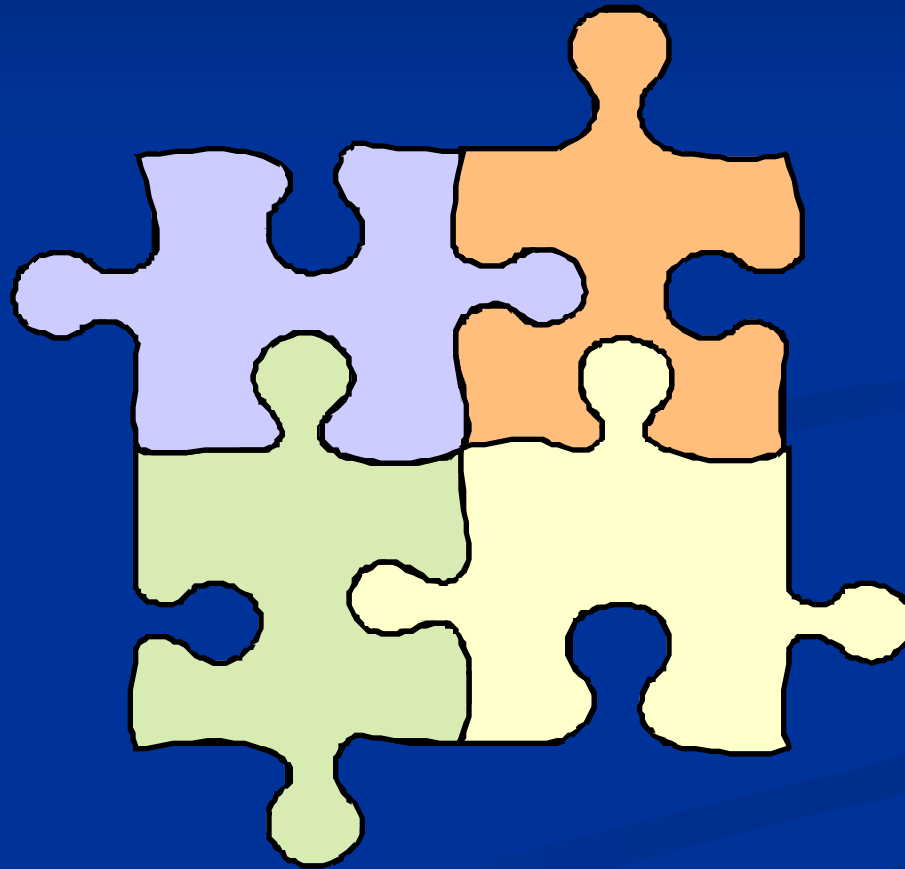
We have limited services that address the social and behavioral determinants of perinatal health

- Not just parenting education, but also parenting support and role development
- Not just intervention such as smoking cessation or stress reduction classes , but also addressing environmental and psychosocial stressors
- Not just screening for domestic violence, but also individualized support, safety plan development, and coordination of services

KK NFP Intensive Intervention

- By 16 weeks gestation
- Sixty four visits by second birthday
- Multiple domains—personal health, maternal role, environmental health, life course development
- Holistic family-based approach
- Mutual goal setting and evaluation
- Offer basic Family case management, Teen Parent Services, High Risk infant Follow up, maternal and child screening, referral, linkage, and coordination

KK NFP Addresses System Level Issues in Kane County



Evidence-based Home Visitation for High Risk Families



Referral Distribution and Tracking to Kane County Home Visitation Programs for about 150 Medicaid- eligible, first time Mothers in Family Case Management per month



Established a Home Visitation Collaborative Among all Kane County Programs

- Single Referral form with all program criteria
- Single Marketing Brochure for all home visitation referral sources
- Common referral communication and tracking procedure
- Shared professional development opportunities

IPLAN Action Group

- Home Visitation
Collaborative assumed responsibility for one component of the MCH Disparities action plan in Kane County:
developing unified messages to teen parents about STI's



Key representation on AOK Network Strategic Plan



- KK NFP contributes to the assessment, policy development, and service assurance activities of the AOK Network, its community needs assessment, strategic plan development and implementation

Lessons Learned

Community needs assessment and outcome data must drive the integration of programs into the Early Childhood System

Lessons Learned

Introduction of a new program asset can create tension in the existing system and this must be addressed directly

Lessons Learned

Demonstration of how this asset will support and help the entire system reduces the tension and facilitates integration and collaboration

Lessons Learned

Voluntary participation in an interagency collaboration requires incentives and real benefits for participants

Lessons Learned

Consistent development of action items and projects that match agency member needs is vital

Lessons Learned

Recognition of efforts and results and mutual support is the “energizer” bunny for partnerships

Early Care and Education

Access to medical home



Social/emotional Health

Family Support and Education

Kane Kares NFP Program

Integrated fully into the Early Childhood System in Kane County—helping one family at a time, yet continually exploring ways to advance the core functions of public health. . .

