

CHD UH 2014 INFANT VITALITY & *FIRST STEPS* PROGRAM SUMMARY

FINDINGS

Infant Mortality Rate, SUID Rate, Prematurity Birth and Fetal Death Rate

- CHD UH attained prematurity % Healthy People 2020 Goal (2010-14 = 9.8%)
- CHD UH attained fetal death rate Healthy People 2020 Goal (2010-14 = 4.8)
- CHD UH fetal death rate 2014 = 4.5
- CHD UH IMR 2014 = 4.5
- CHD UH IMR 2010-14 = 7.8
- City wide 2014 0.48 SUID rate a historic low for Cincinnati
- City wide 2014 8.2 IMR a historic low for Cincinnati

Prematurity Cost Savings from CHD UH actual less premature births from 2008

	2009	2010	2011	2012	2013	2014	2010-14
CHD Preterm births	74	43	52	46	37	48	-----
CHD Preterm birth rates	15.9	8.0	11.0	11.0	8.5	10.9	9.8
CHD Preterm births prevented	----	31	22	28	37	26	= 132

- 132 less premature births from 2008 saved \$4,266, 900 in first year medical costs
- 132 less premature births from 2009 saved \$23, 628,000 - \$41, 811,000 NICU costs

2014 *FIRST STEPS PROGRAM* 'S HOSPITAL & HOME VISITATION HIGHLIGHTS

- Hospital Discharge Protocol & Home Visitation Education Interventions N = 3095
- 94% received depression screening
- 100% received safe sleep education
- 65% were assured a medical home
- 98% received breast feeding education
- 87% were on WIC at hospital discharge

HOSPITAL DISCHARGE CONTACTS (N = 1276)

➤ *First Steps Participants*

- The Christ Hospital, University Of Cincinnati Medical Center (UH)
- American Mercy Home Care, Health Moms & Babies, Health Care Access Now, Light House Youth Services, Cincinnati Health Department Community Health Nursing

CORE HIGHLIGHTS OF 19 TARGET DOUBLE DIGIT ZIP CODES

- For the 19 double digit IMR target zip codes, 12 decreased, 4 increased, 3 no change
- 7 of the 12 decreasing zip codes had < 8.6 IMRs
- Target Zip codes 45229 & 45233 had zero deaths !!!

Reached Healthy People 2020 Target

Healthy People 2020 Goals

Infant Mortality Rate	6.0
Prematurity	11.4
Fetal Death Rate	5.6
Sudden Unexplained Infant Deaths	0.84