



Aims of the Project



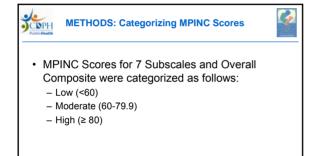
Research

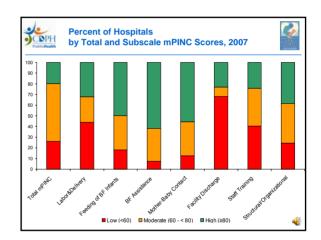
• To explore the association between maternity care practices related to breastfeeding and <u>exclusive</u> in-hospital breastfeeding initiation in California hospitals.

Quality Improvement

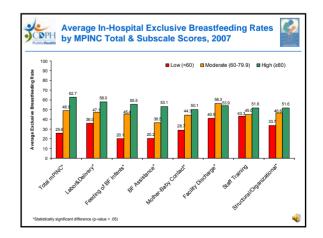
 Provide RPPC Coordinators and other stakeholders with local mPINC Data for quality improvement activities

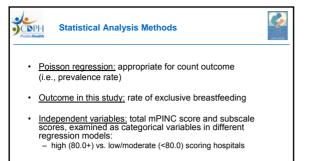
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mPINC Survey Dimension	Entire Survey Population ¹ (n=201)	Study Population (n=175)
Labor & Delivery	63	61
Breastfeeding Assistance	82	82
Mother-Newborn Contact	78	77
Newborn Feeding Practices	77	76
Facility Discharge Care	49	47
Staff Training	61	61
Structural/Organizational	70	70
Total Composite Score	69	68





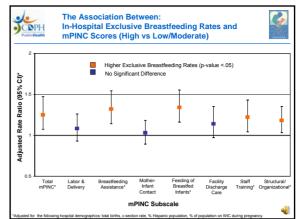
Hospital Characteristics According to Total MPINC Score and In-Hospital Breastfeeding Rate								
	Hospital Characteristics, Average (SD)							
	% Hispanic	% C-Sections	% Births on WIC	Total No. of Births				
Total mPINC Score								
Low (<60)	61.7 (23)*	33.0 (7)	64.3 (27)*	1971 (1395)				
Moderate (60-79.9)	48.6 (23)*	30.9 (6)	47.8 (25)*	2258 (1628)				
High (≥ 80)	41.6 (21)*	30.9 (6)	41.6 (26)*	1961 (1333)				
Exclusive Breastfeeding								
< 25% (Q1)	73.5 (18)*	33.8 (8)*	77 (18)*	2371 (1688)				
25-65.5% (Q2 & 3)	48.5 (21)*	31.8 (5)*	46.0 (25)*	2111 (1399)				
≥ 65.5% (Q4)	32.5 (16)*	28.5 (6)*	34.8 (19)*	1911 (1553)				





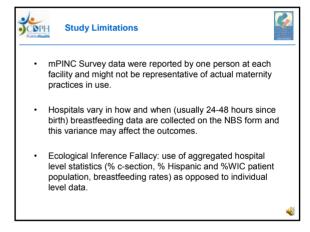
<u>Confounders:</u> % c-section, % Hispanic, % WIC

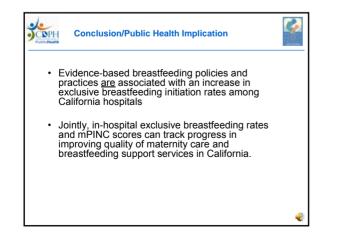
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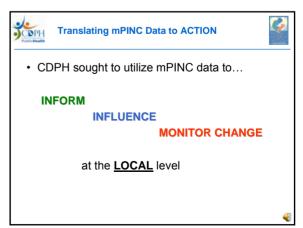


CDPH Public Health	Results
	scoring hospitals had in-hospital exclusive breastfeeding that were:
•	1.25 times or 25% higher than Low/Moderate scoring hospitals (Total mPINC Composite Score)
•	1.32 times or 32% higher than Low/Moderate scoring hospitals (Breastfeeding Assistance Subscale Score)
•	1.34 times or 34% higher than Low/Moderate scoring hospitals (Feeding of Breastfed Infants Subscale)
•	1.22 times or 22% higher than Low/Moderate scoring hospitals (Staff Training Subscale)

 1.18 times or 18% higher than Low/Moderate scoring hospitals (Structural/Organizational Aspects of Care Subscale)

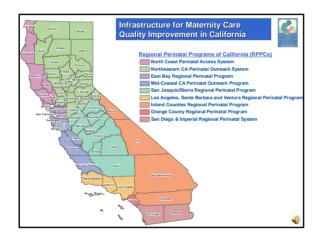


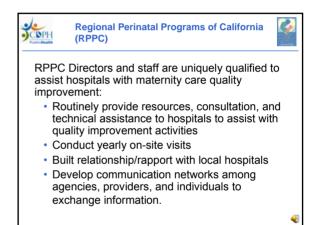


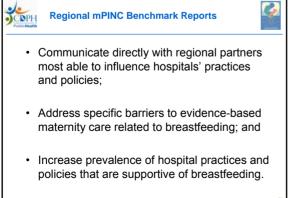




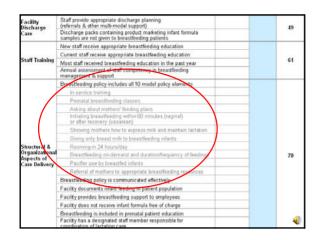


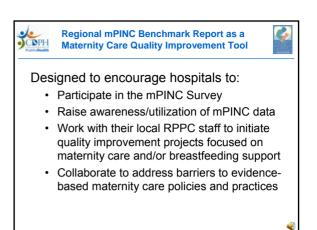






	Results of the 2007 CDC <u>mPINC</u> Surve RPPC Region Name (RPPC Region t				
California C	omposite Quality Practice Score: X				
RPPC Regio	n 1 Composite Quality Practice Score: X				
mPINC Dimension of Care	Ideal Response to mPINC Survey Question	Percent of Facilities with Ideal Response (N = X)	Region Subscale Score	State Subscale Score*	
Labor and Delivery Care	Initial skin-to-skin contact is w/in 1 hr (vaginal births)				
	Initial skin-to-skin contact is w/in 2 hr (cesarean births)				
	Initial breastfeeding opportunity is w/in 1 hr (vaginal births)			63	
	Initial breastfeeding opportunity is w/in 2 hr (cesarean births)				
	Routine procedures are performed skin-to-skin				
Feeding of Breastled Infants	Initial feeding is breast milk (vaginal births)				
	Initial feeding is breast milk (cesarean births)			n	
	Supplemental feedings to breastfeeding infants are rare				
	Water and glucose water are not used				
Breastfeeding Assistance	Infant feeding decision is documented				
	Staff provide breastfeeding advice & instructions			82	
	Patients are taught breastfeeding cues				
	Patients are taught not to limit suckling time				
	Staff directly observe & assess breastfeeding				
	Standard feeding assessment tool is used				
	Pacifiers are rarely provided to breastfeeding infants				
Contact Between Mother and Infant	Mother-infant pairs are not separated for postpartum transition			"	
	Most mother-infant pairs room-in at night				
	Most mother-infant pairs are not separated during the hospital stay				





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Next Steps



- Disseminate regional reports and give guidance to RPPC Coordinators
- Raise awareness/utilization of mPINC data at upcoming State Hospital Breastfeeding Summit (January 2011)
- Post reports and guidance to Breastfeeding Statistics website <u>http://www.cdph.ca.gov/data/statistics/Pages/</u> <u>BreastfeedingStatistics.aspx</u>



