



CENTRES OF EXCELLENCE FOR CHILDREN'S WELL-BEING
CENTRES D'EXCELLENCE POUR LE BIEN-ÊTRE DES ENFANTS

Children and Adolescents with Special Needs
Les enfants et les adolescents ayant des besoins spéciaux

Child Health & Development

Dr. Patricia Canning

Centre of Excellence for Children and Adolescents
with Special Needs: Memorial University Site

**Ottawa, Ontario
October 16, 2007**



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Mandate

- **Collaborate with community partners to provide needed research**
- **Contribute to theoretical knowledge in the field of child development**
- **Enhance the capacity of community-based programs to conduct research & evaluation**
- **Provide information that can be applied to policy and practice**
- **Disseminate widely**



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Community-University Collaboration

Provincial Government

- **Health & Community Services**
- **Regional Health Authorities**
- **Human Resources, Labour & Employment**
- **Vital Statistics**
- **Newfoundland & Labrador Statistics Agency**
- **Department of Education**

University Departments

- **Faculty of Education**
- **School of Nursing**
- **Department of Psychology**
- **Faculty of Medicine**
 - **Genetics**
 - **Pediatrics**

NGOs

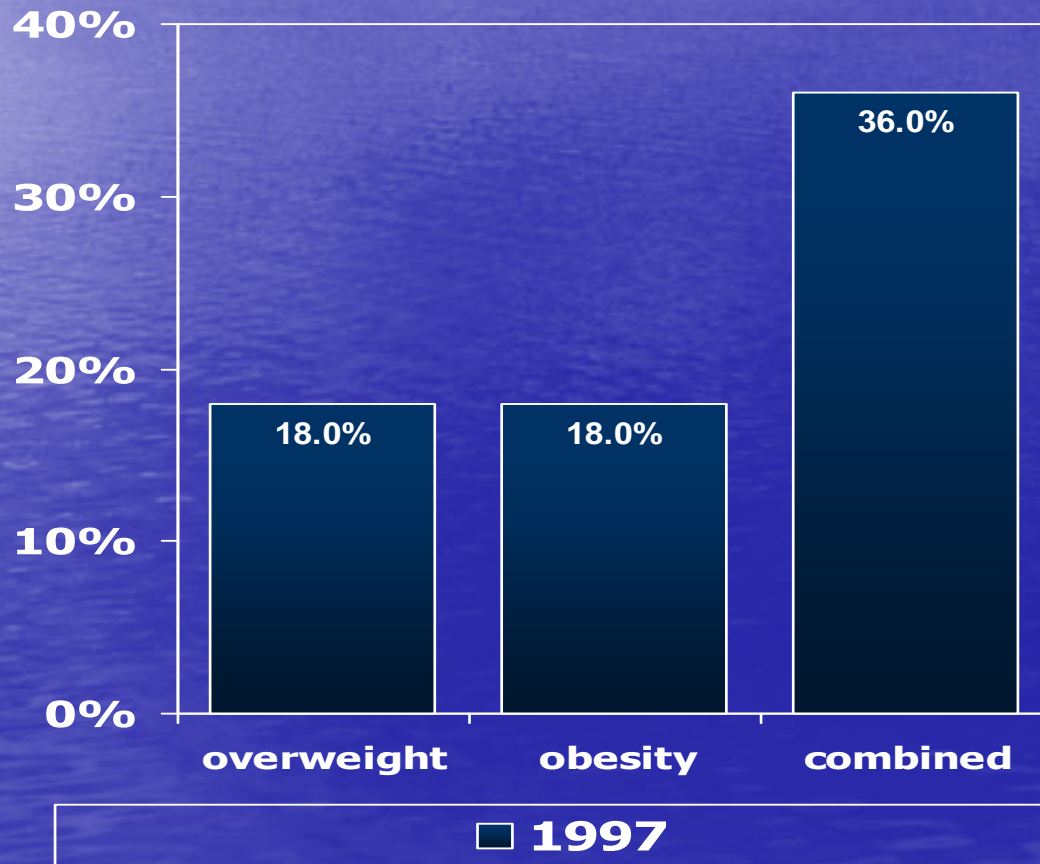
- **Kids Eat Smart Foundation**



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Rates of Overweight & Obesity in NL Preschoolers

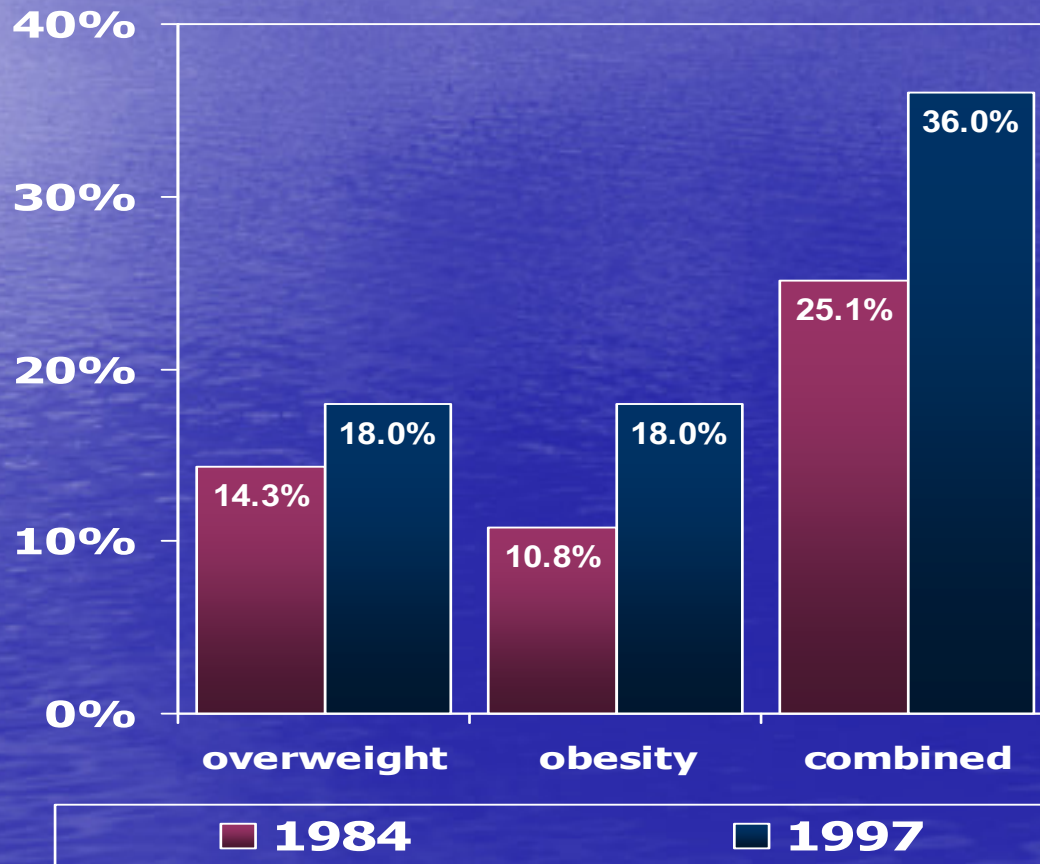




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Rising Rates of Overweight & Obesity in NL Preschoolers

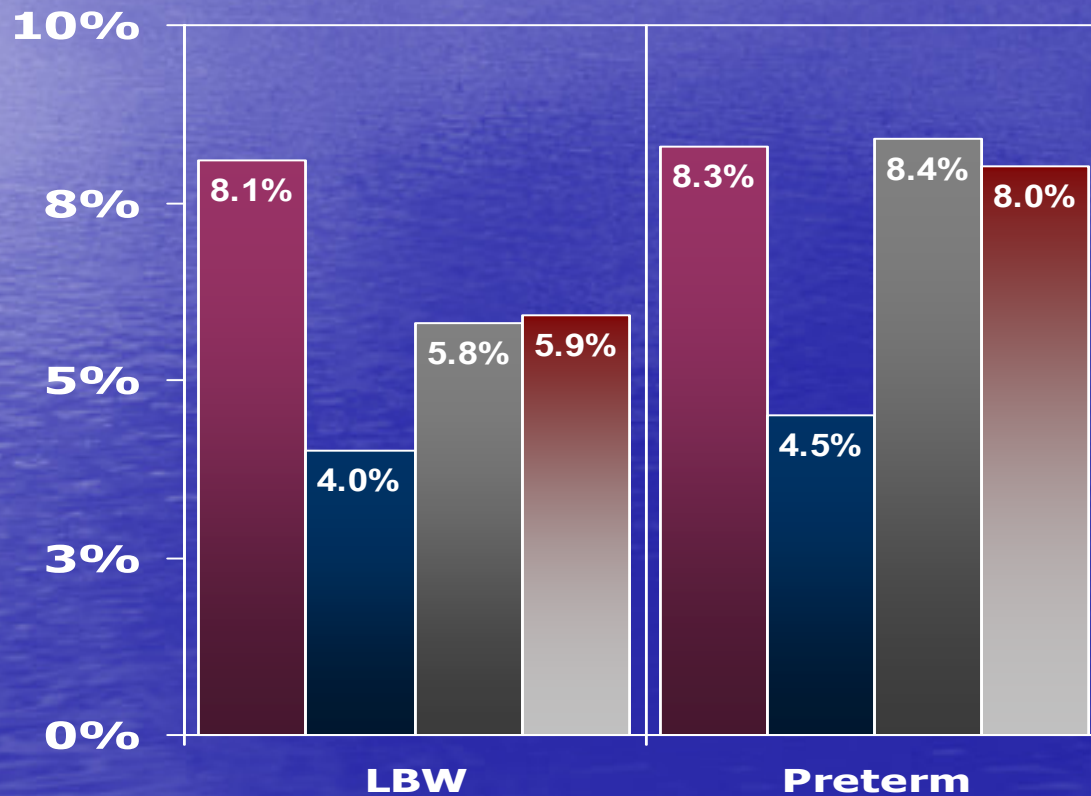




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Mother Baby Nutrition Supplement

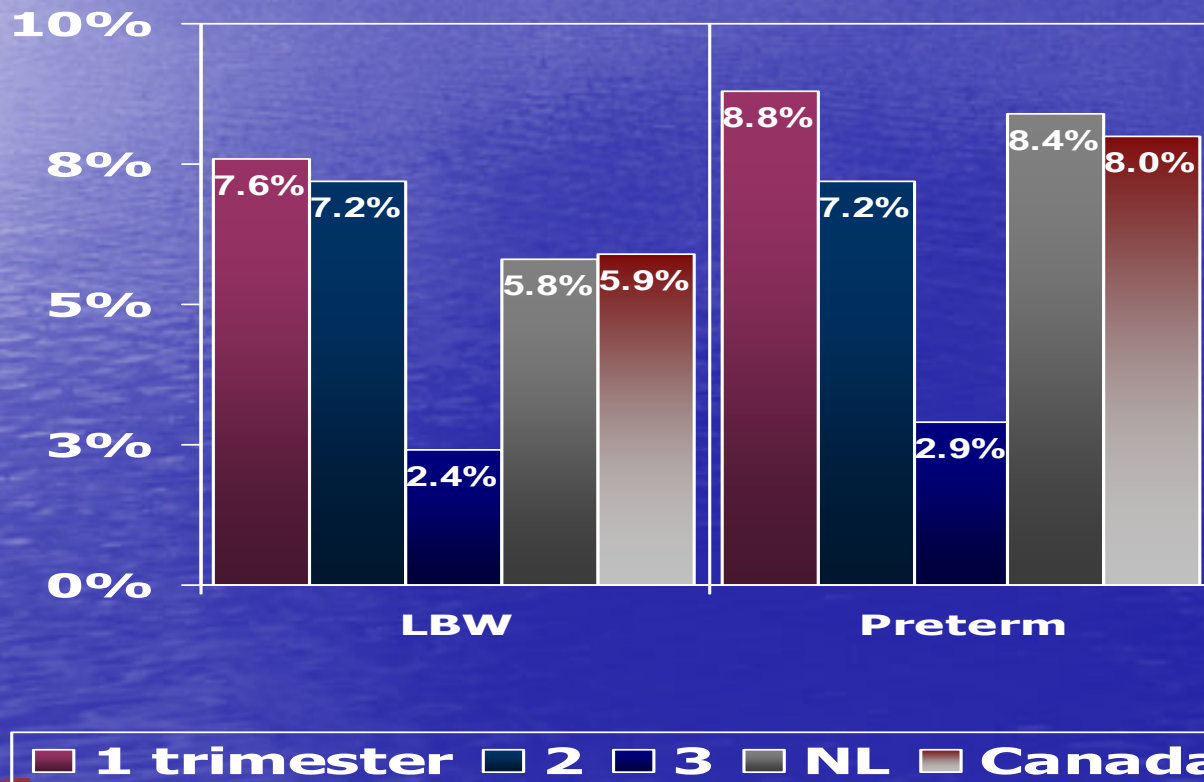


■ < 5mos ■ ≥ 5 mos ■ NL ■ Canada



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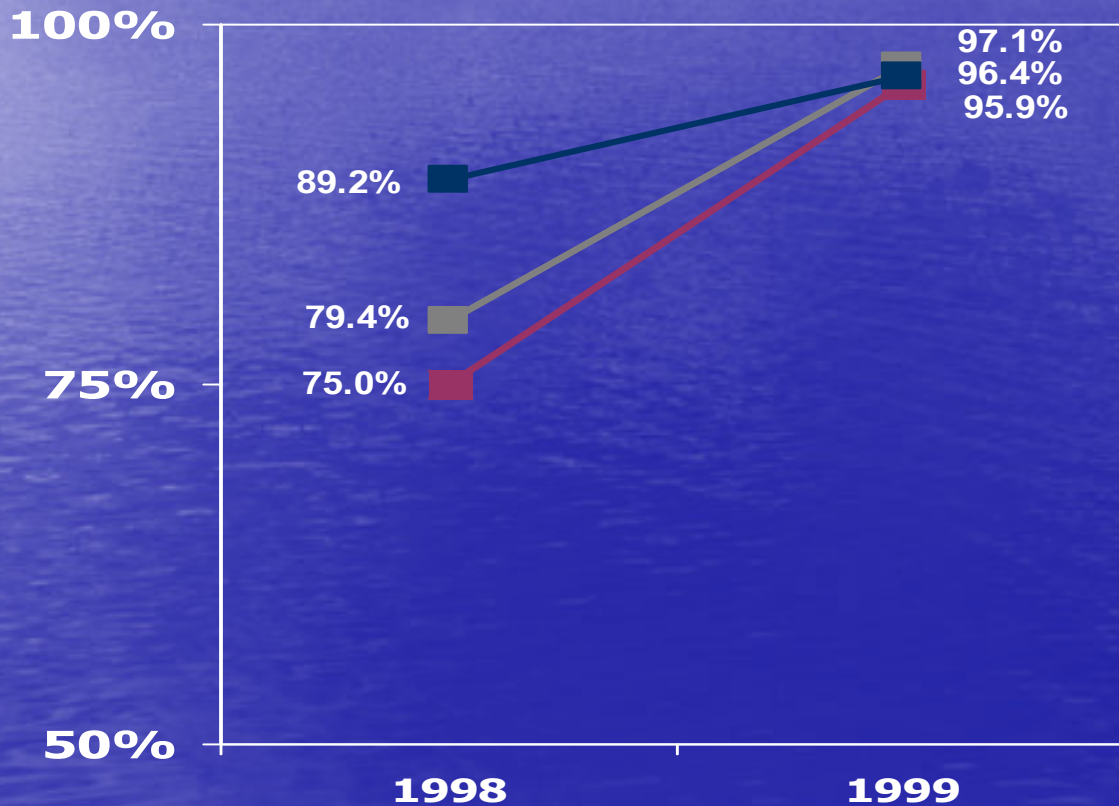




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Healthy Beginnings - Full Immunization Status at PSHC

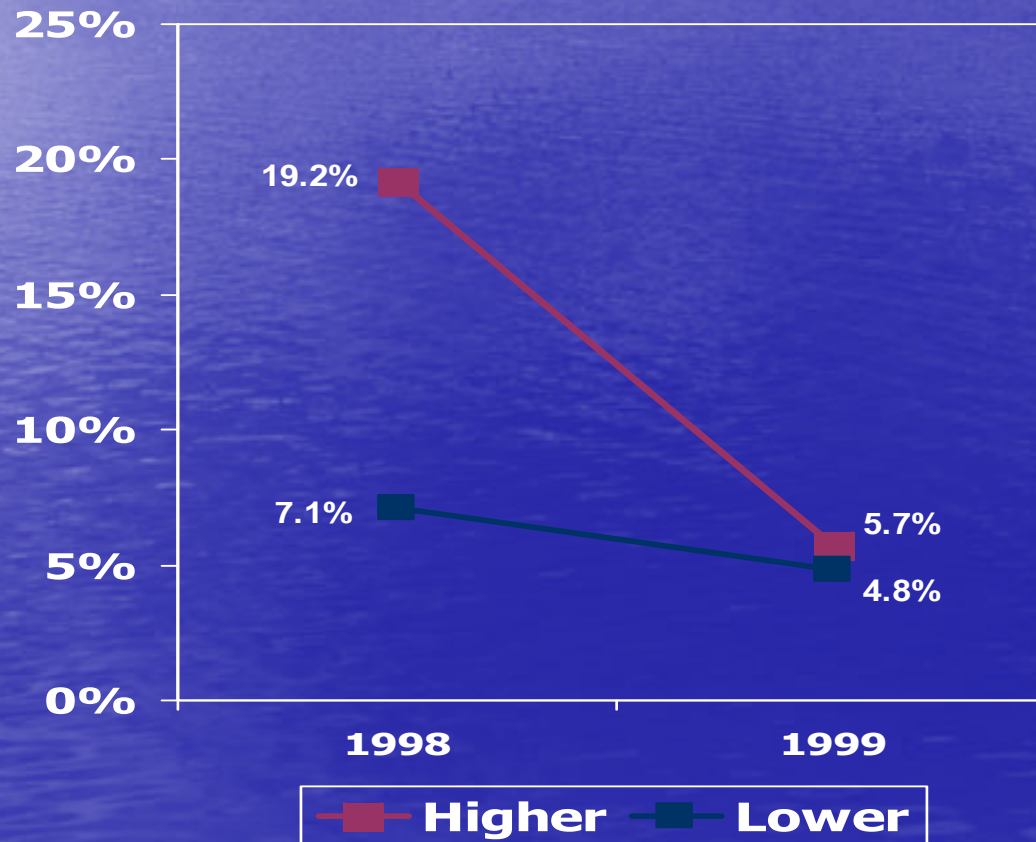




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Healthy Beginnings- "Suspect" Denver II Results at PSHC





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Impact of Research on Policy, Programs and Practice

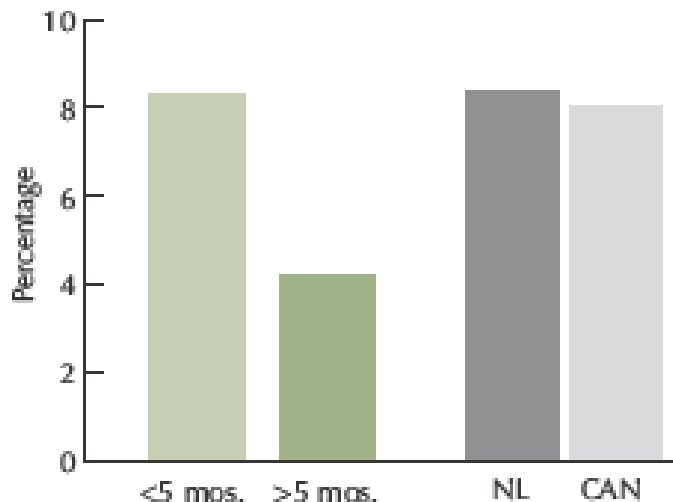
New Research Questions



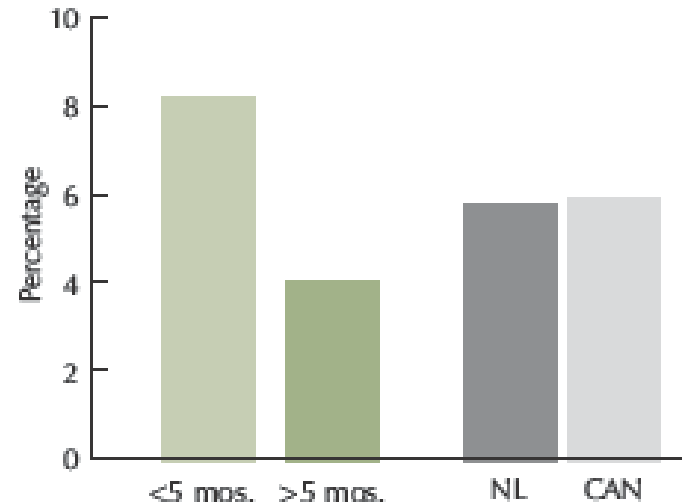
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Comparison of birth outcomes among MBNS benefit groups (greater or less than 5 months), the Province and Canada.



Preterm birth rate



LBW rate

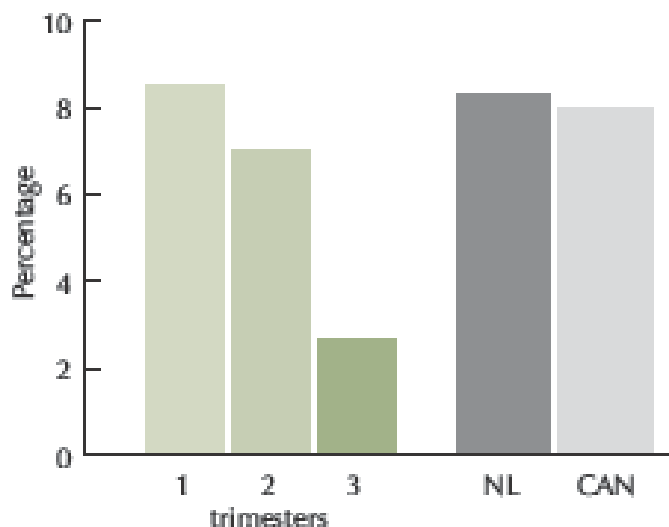


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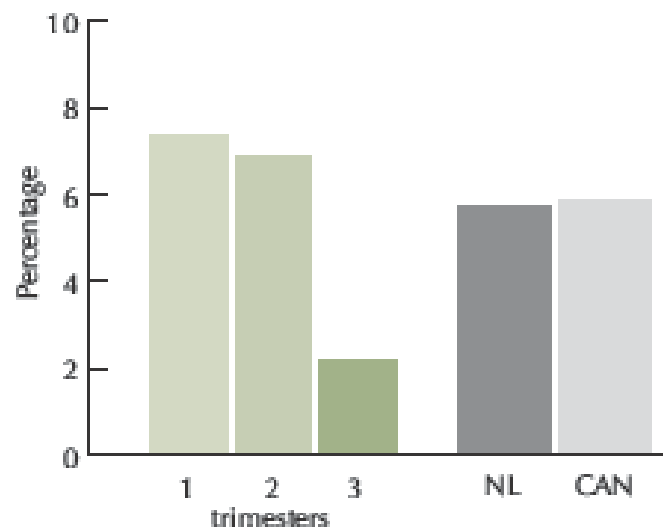
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Comparison of birth outcomes among MBNS benefit groups (by trimester), the Province and Canada



Preterm birth rate



LBW rate

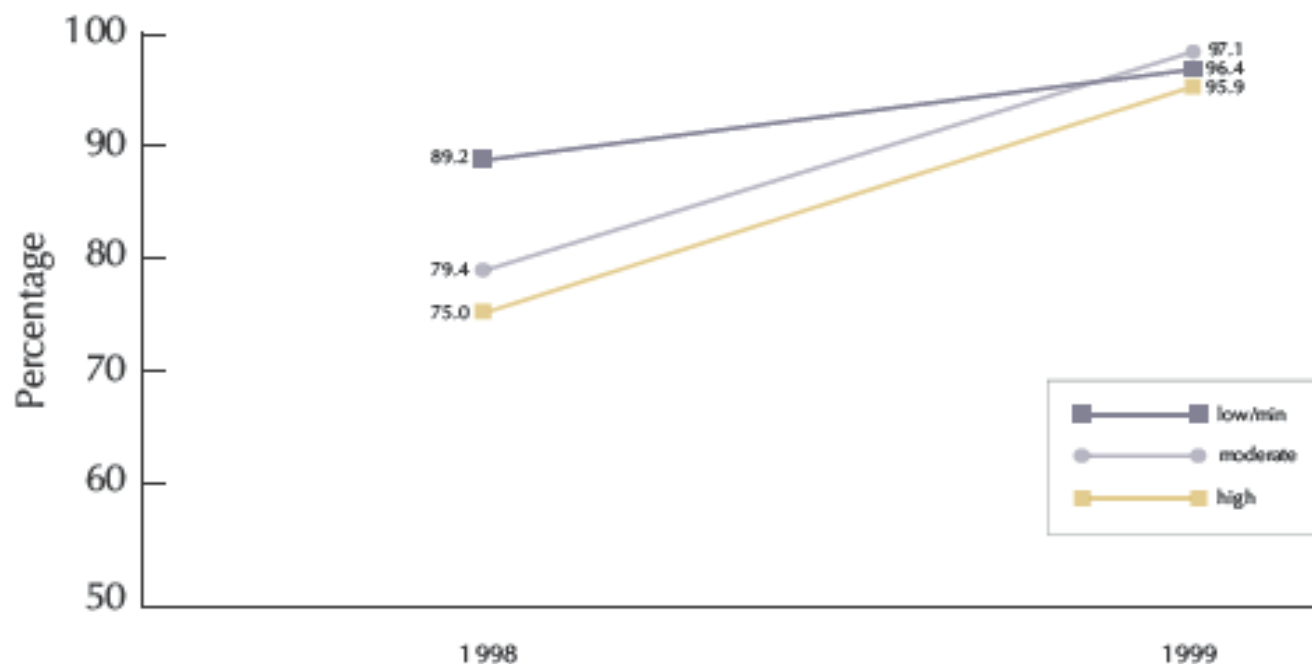


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Healthy Beginnings - Full Immunization Status at PSHC

Complete immunization rate by group and priority level





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Healthy Beginnings- "Suspect" Denver II Results at PSHC

Percentage of higher risk children with suspect Denver II at PSHC, in Family Interaction group only, as compared to lower risk children, before and after Healthy Beginnings implementation

