

# Measuring Progress

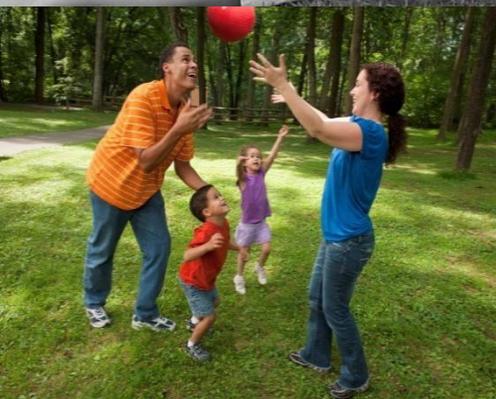
How to use Data in NSP

*WIC Coordinator Webcast, Fall 2014*

*Kobra Eghtedary, PhD*

*WIC Data, Research & System Management Director*

# Michigan WIC Top Ten List



Indicators	2003	2013	Progress Direction
First Trimester Entry into WIC	31.7	36.9	
Birth weight: <ul style="list-style-type: none"> <li>• LBW &lt;2500 g</li> <li>• Full Term LBW</li> <li>• HBW &gt;4000 g</li> <li>• % Preterm Infants</li> </ul>	7.3 -- 8.7 --	8.7 3.7 7.2 11.5	 
Breastfeeding: <ul style="list-style-type: none"> <li>• Initiation</li> <li>• 6 Months Duration</li> </ul>	49.8 14.7	63.1 17.7	 
Prenatal Weight Gain: <ul style="list-style-type: none"> <li>• &lt;Ideal</li> <li>• &gt;Ideal</li> </ul>	26.9 48.6	16.9 52.4	 
Body weight: <ul style="list-style-type: none"> <li>• 85th-&lt;95th%, ≥2yrs</li> <li>• ≥95th%, ≥2yrs</li> </ul>	16.1 12.9	16.8 14.1	 
Anemia, Low Hg, 3 <sup>rd</sup> Trimester	30.1	38.9	
Anemia, Low Hg, 6 months - 5 yrs.	13.1	17.5	
Prenatal Smoking, Last Trimester	23.1	16.8	
First Trimester Prenatal Care	74.3	79.9	
Prepregnancy: <ul style="list-style-type: none"> <li>• Overweight/Obese</li> <li>• Underweight</li> </ul>	51.0 5.2	56.0 4.3	 

# Michigan WIC Five-year-plan

## The Health Outcome Indicators

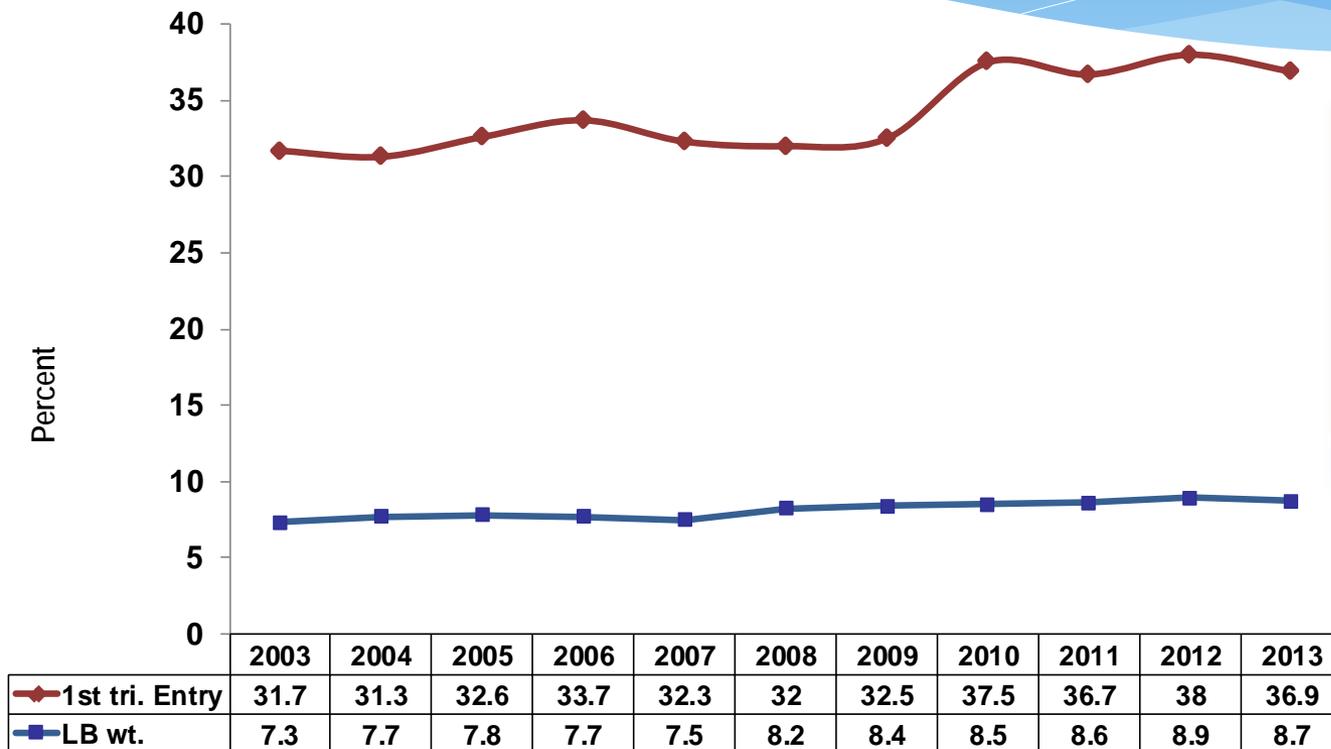
January 2014 To December 2018



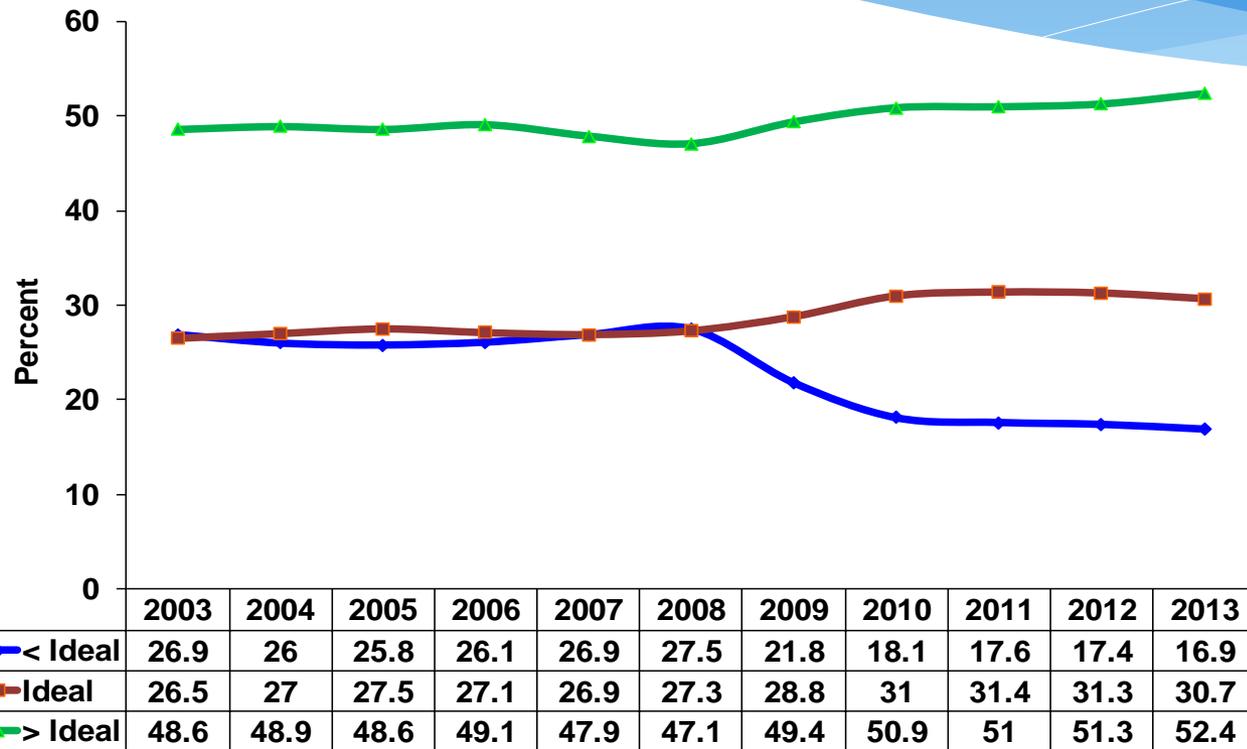
- Increase first trimester entry into the WIC program from 36.9% to 42.0%.
- Increase ideal prenatal weight gain from 30.7% to 33.5% among Michigan WIC mothers.
- Reduce the percent of low birth weight infants born to women enrolled in Michigan WIC from 8.7% to 8.0%.
- Increase breastfeeding initiation rate from 63.1% to 67.0% and the six-month duration rate from 17.7% to 20.5%.
- Decrease the prevalence of early childhood obesity, in children 2 to 5 years of age, from 14.1% to 13.5%.
- Decrease the prevalence of low hemoglobin level from 17.5% to 15.0% among children less than five years of age.

The projections are based on the 2003-2013 trend data from Michigan PNSS and PedNSS. 2013 data is used as the baseline for a five-year-plan from Jan. 2014 to Dec. 2018.

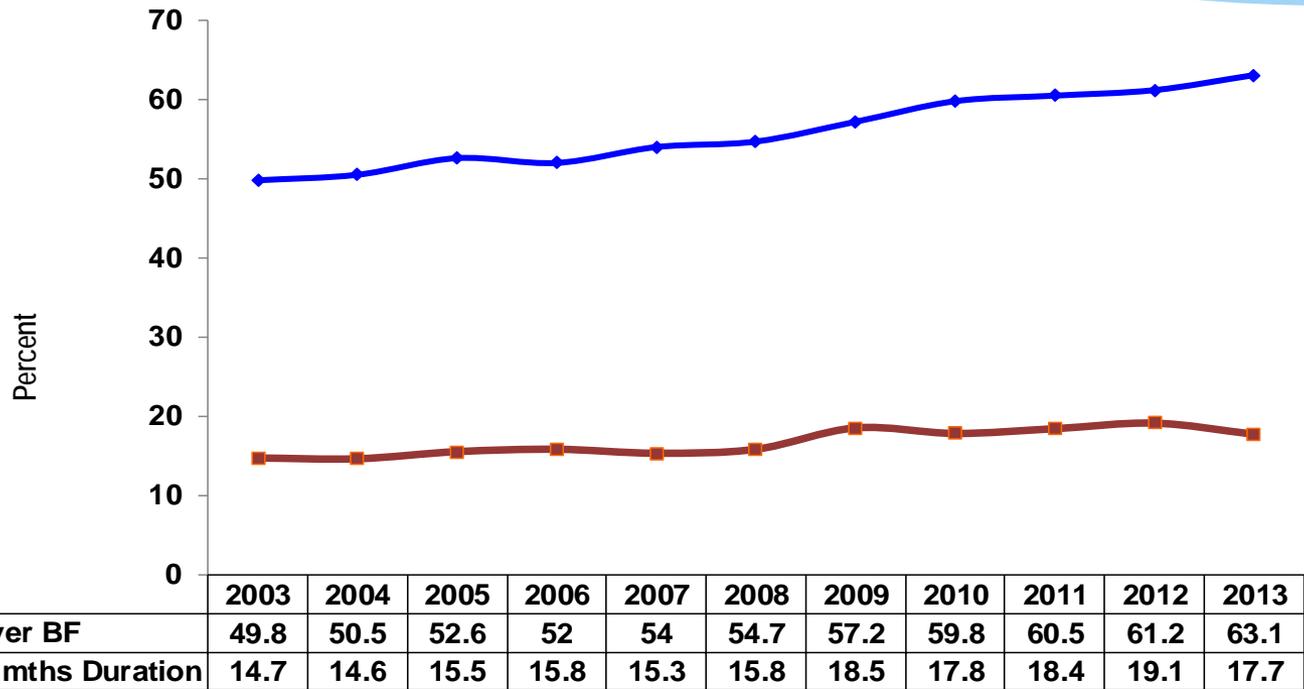
# Trends in Low Birth Weight and 1<sup>st</sup> Trimester Entry into Michigan WIC



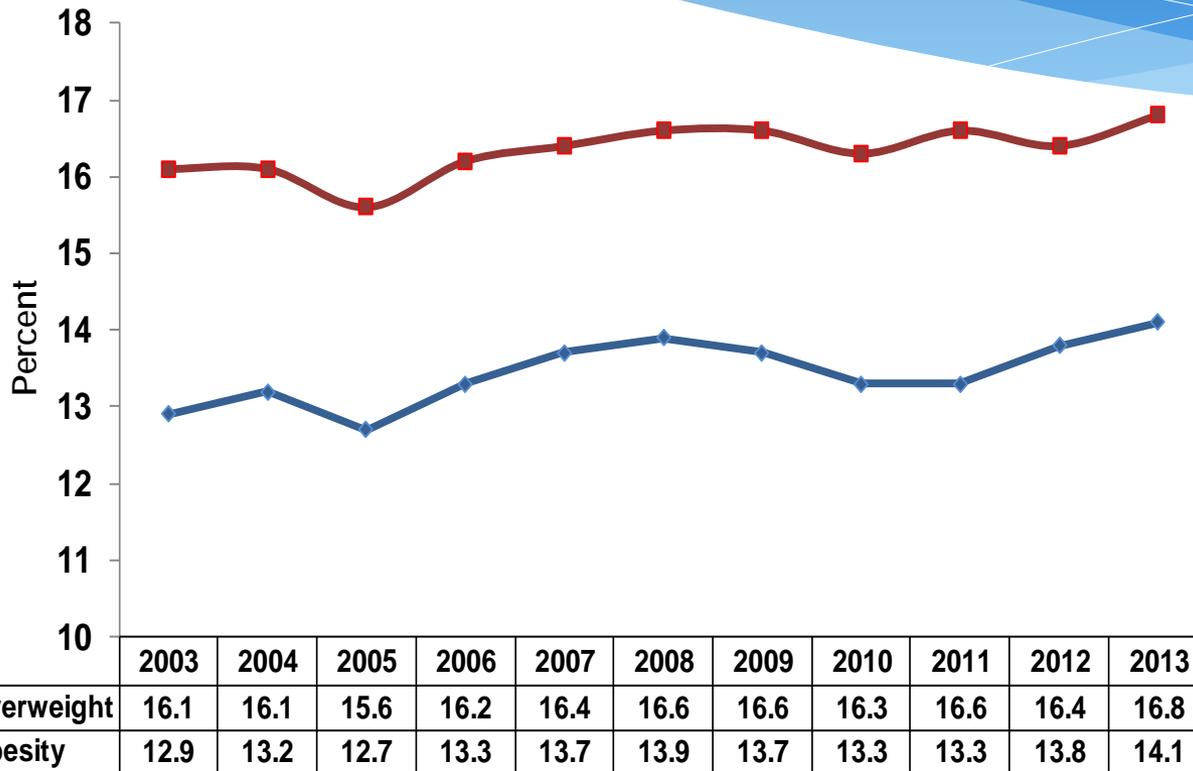
# Trends in Prenatal Weight Gain among Michigan WIC Mothers



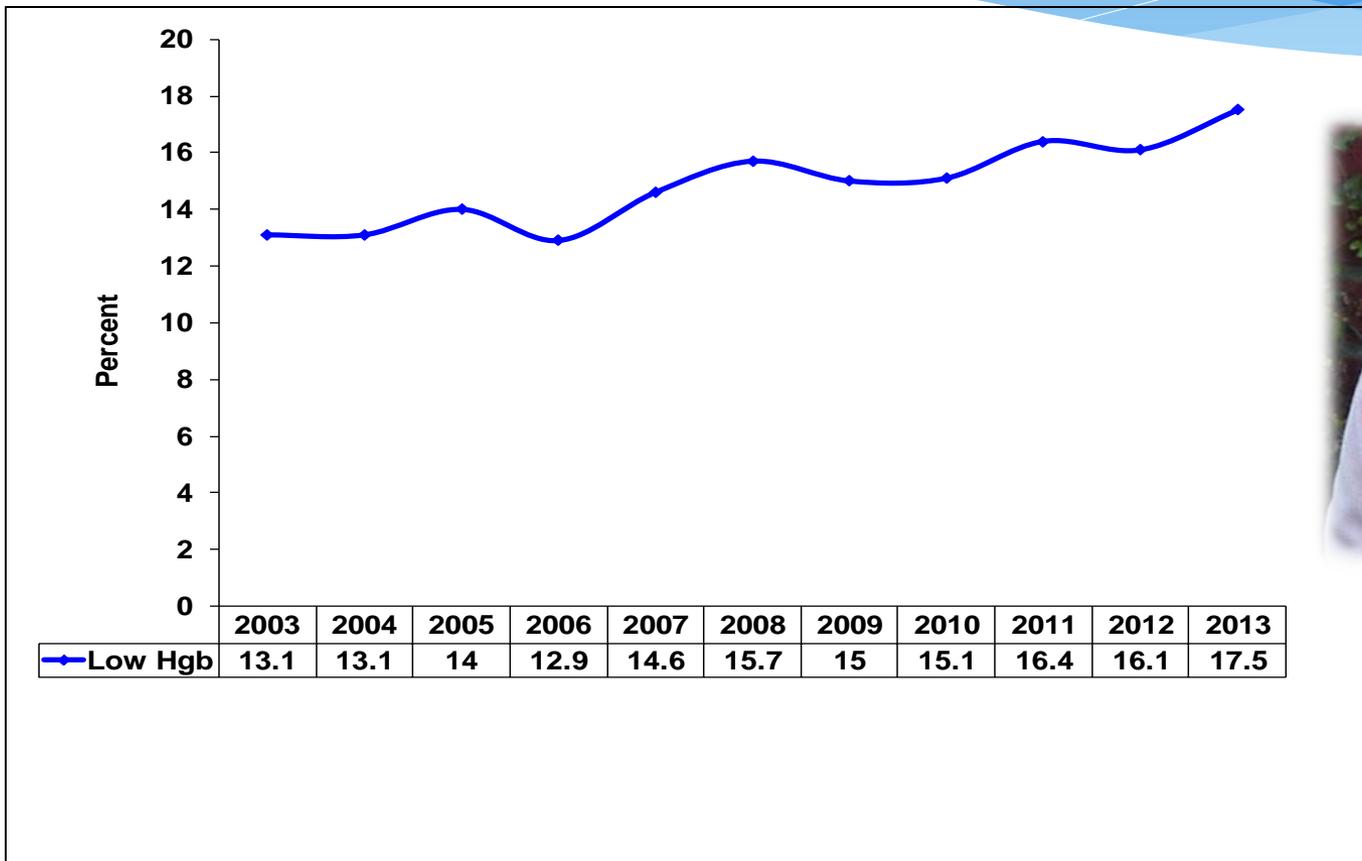
# Trends in Breastfeeding Initiation and 6 months Duration in Michigan WIC



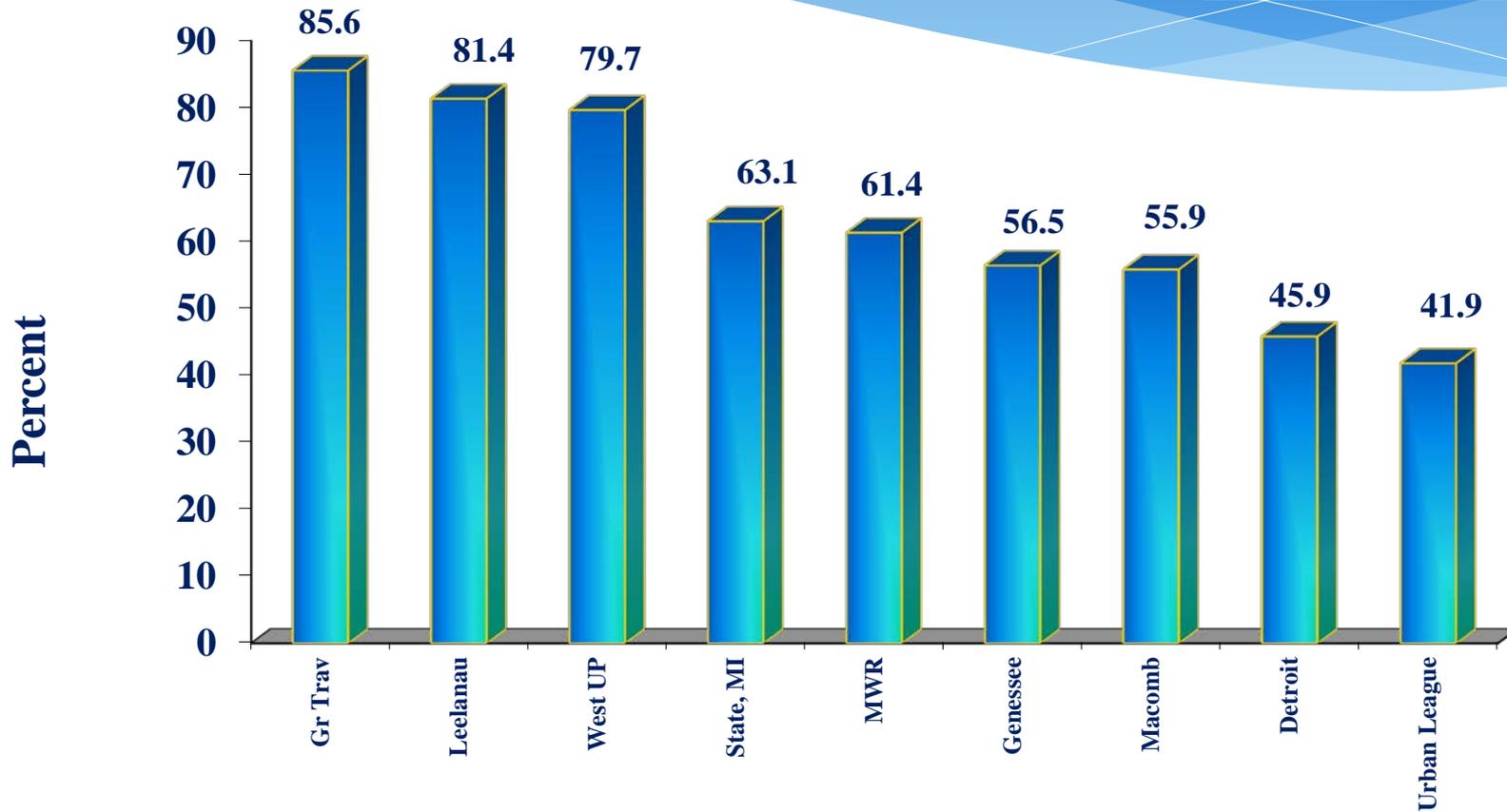
# Trends in Overweight (85<sup>th</sup>–<95<sup>th</sup>) & Obesity (= >95<sup>th</sup>) among Michigan WIC Children Two to Five Years Old



# Trends in Low Hemoglobin among Michigan WIC Children < 5 years



# Breastfeeding Initiation by Local WIC Agencies



# Action Plans

- \* Who
- \* What
- \* When
- \* Where
- \* Why



# Measuring Progress

- \* **Program Activities**
  - \* **Target Population**
  - \* **Local Agency**
  - \* **State Agency**
  
- \* **Objectives**
  - \* **Short-term**
  - \* **Ongoing**
  - \* **Long-term**
  
- \* **Outcome Indicator**



# Michigan WIC Five-year-plan

## The Health Outcome Indicators

January 2014 To December 2018



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# Thank You Team.....!

- \* We gratefully acknowledge and thank all local agency coordinators and local clinic staff for your efforts to collect high quality data and use MI-PNSS & PedNSS.
- \* Special acknowledgement and appreciation to DSM Team Members:
  - \* Bagya Kodur, WIC Report Specialist
  - \* Ramesh Balyam, 3SSW Report Developer