Collecting and Monitoring Quality Data

Kobra Eghtedary, PhD
Bagya Kodur , MS
MDCH/WIC

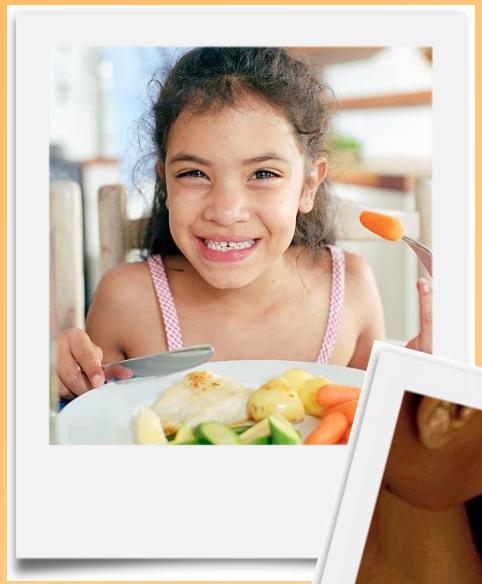
Summary of Presentation

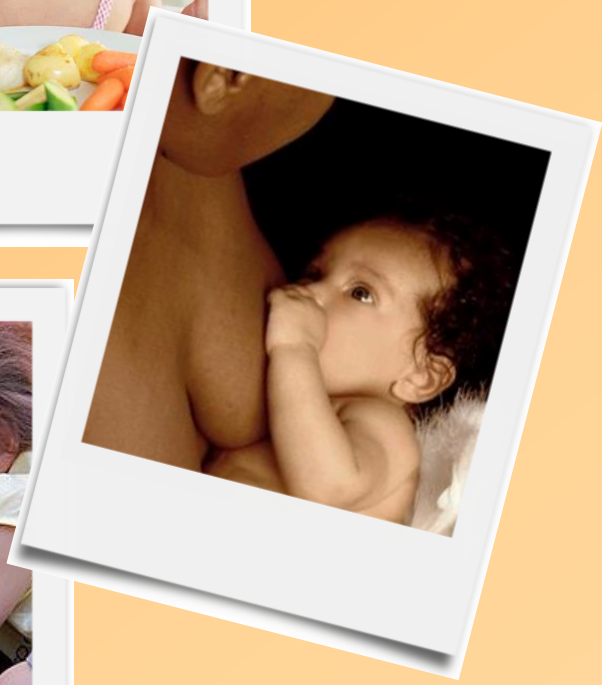
- Breastfeeding and Michigan WIC
- MI-WIC Breastfeeding Data Collection
- Data Quality
- Michigan WIC Data
- MI-WIC Reports
- MI-WIC and Data Quality Success

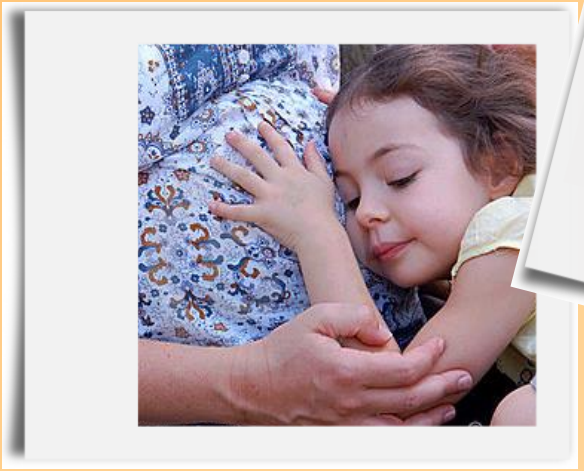
Mission

To Improve:

- Maternal Health
  - Pre and post-natal care
  - Behavioral health
  - Maternal weight
- Pregnancy Outcomes
  - Birthweight
  - Gestational age
- Infant Health
  - **Breastfeeding**
  - Iron status
- Young Children
  - Growth pattern
  - Iron status







Breastfeeding

The Best Beginning!

Benefits of Breastfeeding

Baby

- Protects baby from illness
- Helps brain development
- Lowers the risk of asthma
- Decreases chances of allergies
- Lessens the risk of developing juvenile diabetes
- Reduces the risk of:
  - SIDS
  - Type II Diabetes

Mother

- Bonding
- Reduces the risk of:
  - Breast Cancer
  - Ovarian Cancer
  - Diabetes

AHRQ 2007

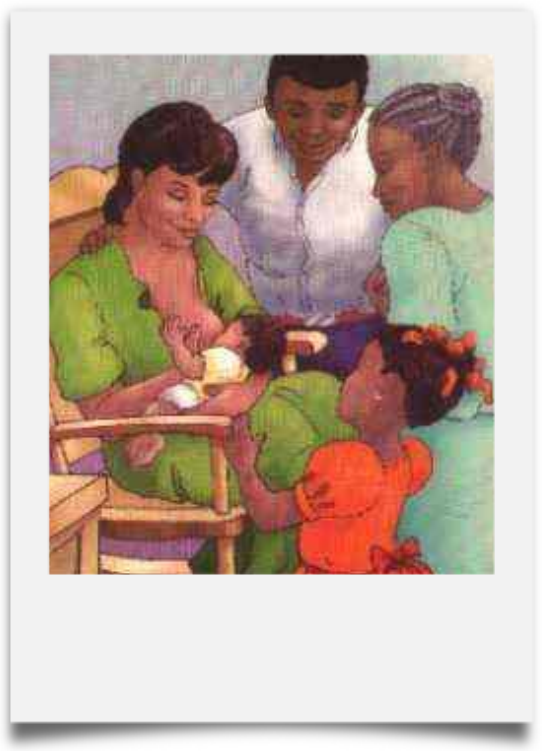
WIC Provides

- Supplemental Nutritious Food
- Nutrition Education
- Breastfeeding Counseling & Support

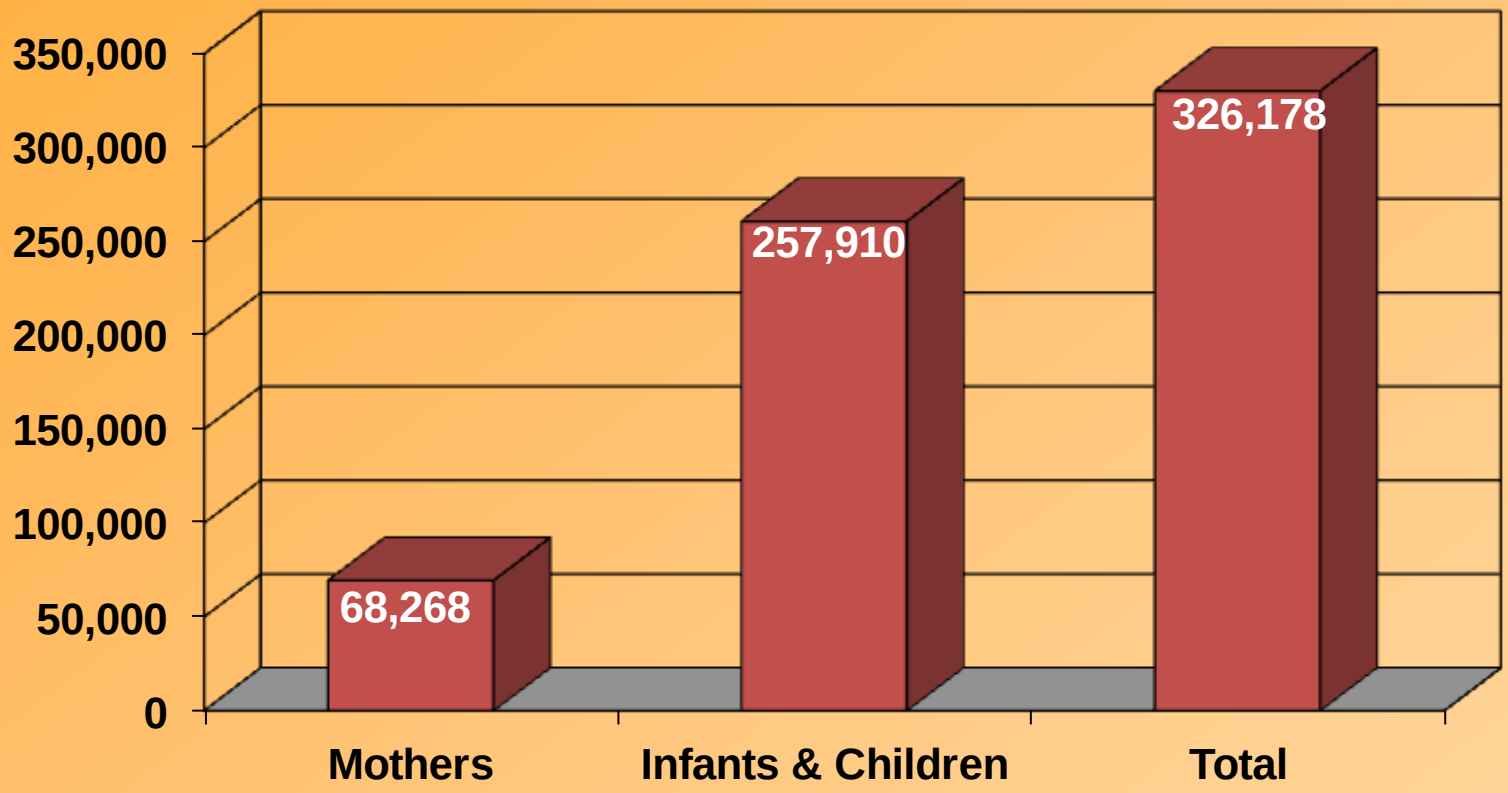
WIC Provides

Referrals to health care and social-service providers:

- Prenatal care
- Lactation Consultant
- Lactation Peer Counselors
- La Leche League
- Breast Pump Rental Locations



WIC Population, 2011



Over
8.6 million
infants and children
&
Over
1.1 million
mothers served nationally

(CDC 2011)

Nutrition Surveillance Systems

- CDC Pregnancy Nutrition Surveillance System (PNSS)
  - Pre & post natal care, Maternal Weight, Gestational Age, Behavior

- CDC Pediatric Nutrition Surveillance System (PedNSS)
  - **Breastfeeding**, Growth, Iron status

- From 2012 onwards Michigan will be generating reports similar to CDC PNSS and PedNSS

Breastfeeding Data Collection

- Now (required)
  - Is this child currently breastfed?
- Initiation (required)
  - Was this baby ever breastfed or fed breast milk?
- Duration
  - How old was this child when he/she completely stopped breastfeeding or being fed breast milk? *Reason?
- Exclusivity/Formula Use
  - How old was this child when he/she was first fed something other than breast milk? (months, weeks, days) *Type of Food

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Tuesday 3/8/2011

---testerri, andrea (IBP) * 300 845 553

Active Record

testerri, andrea

Cat: IBP (female)
ID: 300 845 553
DOB: 10/16/2010
Age: 4 mos, 3 wks
Cert: 12/09/10 - 10/15/11
Status: Certified

Scheduling Tasks
Guided Script
Client Care
Logoff

Medical Information | **BF Statistics**

Was this child ever breastfed or fed breast milk?*

(•) Yes ( ) No ( ) Unknown → Initiation

Is this child currently breastfed?*

(•) Yes ( ) No

How old was this child when he/she was first fed something other than breast milk? (i.e., formula, water, infant cereal, etc.) ☐ Exclusively Breastfed → Exclusivity

	Months	Weeks	Days		Type of Food
Age:	1	0	0	☐ Unknown	Formula

How old was this child when he/she completely stopped breastfeeding or being fed breast milk?

	Months	Weeks	Days		Reason Breastfeeding Ended
Age:				☐ Unknown	

→ Duration

Save Cancel Next

Version: 4.7.0.7

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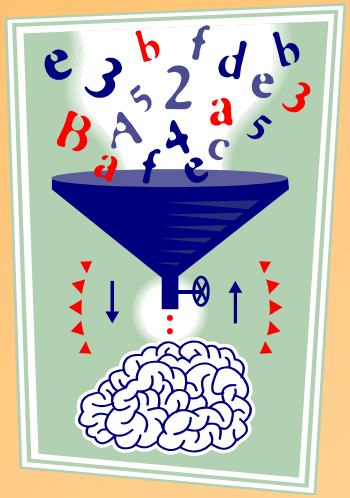
Definitions

- Data Quality:
  - Validity of the data and identify questionable data items (completeness, accuracy, consistency)



- Completeness:
  - No missing data
- Accuracy:
  - Correctly reflects what it is describing
- Consistency:
  - Agreement between data items

MI-WIC Data Quality Checks

- Below & Above Acceptable Range
- Biologically Implausible Values (BIVs)
- Unknown values
  - Missing data (blue, required items)
- Cross-Check Errors
  - Data inconsistencies

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Tuesday 3/8/2011

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Guided Script
Client Care
Logoff

Medical Information | BF Statistics

Cross-check Error (example)

Was this child ever breastfed or fed breast milk?*

Yes No Unknown

Is this child currently breastfed?*

Yes No

How old was this child whe ? Exclusively Breastfed
(i.e., formula, water, infant

	Months	Wee
Age:	1	0

Microsoft Internet Explorer

Client category and client breastfeeding status do not match.
Please make the appropriate changes.

OK

How old was this child when he/she completely stopped breastfeeding or being fed breast milk?

	Months	Weeks	Days		Reason Breastfeeding Ended
Age:				Unknown	

Save Cancel Next

Version: 4.7.0.7

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Data Use Depends on Data Quality

Benefits of High Data Quality

- Population specific information
  - Assess needs of clients
  - Highlight critical periods for intervention
  - Compare to other LA
    - Unique vs. shared data
- Community partnerships
- Increased client satisfaction
- Accuracy in Reporting

Challenges with Data Quality

- Missing values
- Low Data Quality

  May reflect:

  - Data processing problems
  - Measurement errors
  - Recording errors
- Inaccuracy in reports

MI-WIC System Checks

- Implausible values
- Inconsistencies
- Missing Values

The Quest for Quality!

The Solution

- Training on MI-WIC fields
- Training on Data Quality

Data Use Depends on Data Quality

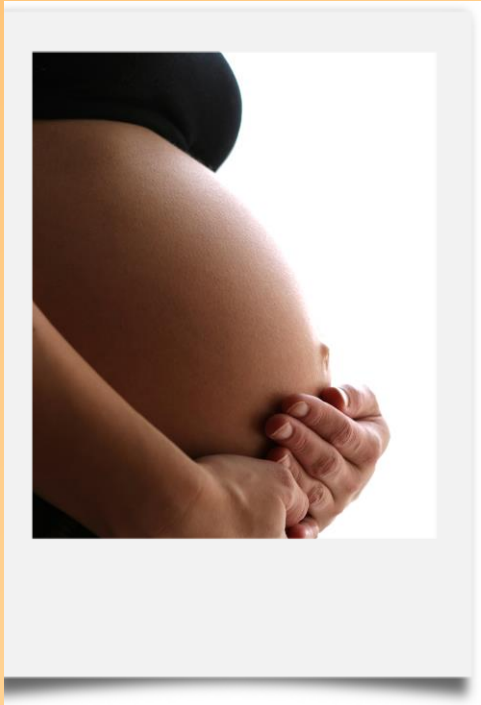
Starts with YOU!

Michigan WIC Top Ten List

Indicators	2000	2011	Progress Direction
First Trimester Entry into WIC	31.0	36.7	👍
Birthweight: • LBW <2500 g	7.1	8.6	👎
• HBW >4000 g	9.0	7.1	👍
• Full Term LBW	----	3.6	
• % Preterm Infants	----	11.7	
Breastfeeding: • Initiation	46.9	60.5	👍
• 6 Months Duration	12.4	18.4	👍
Prenatal Weight Gain: • <Ideal	30.8	17.6	👍
• >Ideal	44.2	51.0	👎
Body weight: • 85th -<95th %, ≥2yrs	15.5	16.6	👎
• ≥95th %, ≥2yrs	12.0	13.3	👎
Anemia, Low Hg, 3rd Trimester	30.2	35.7	👎
Anemia, Low Hg, 6 months-5 yrs	14.6	15.0	👎
Prenatal Smoking, Last Trimester	26.9	16.9	👍
First Trimester Prenatal Care	71.9	81.1	👍
Prepregnancy: • Overweight/Obese	48.2	54.4	👎
• Underweight	6.1	4.4	👍

2011 Participant Profile: Women

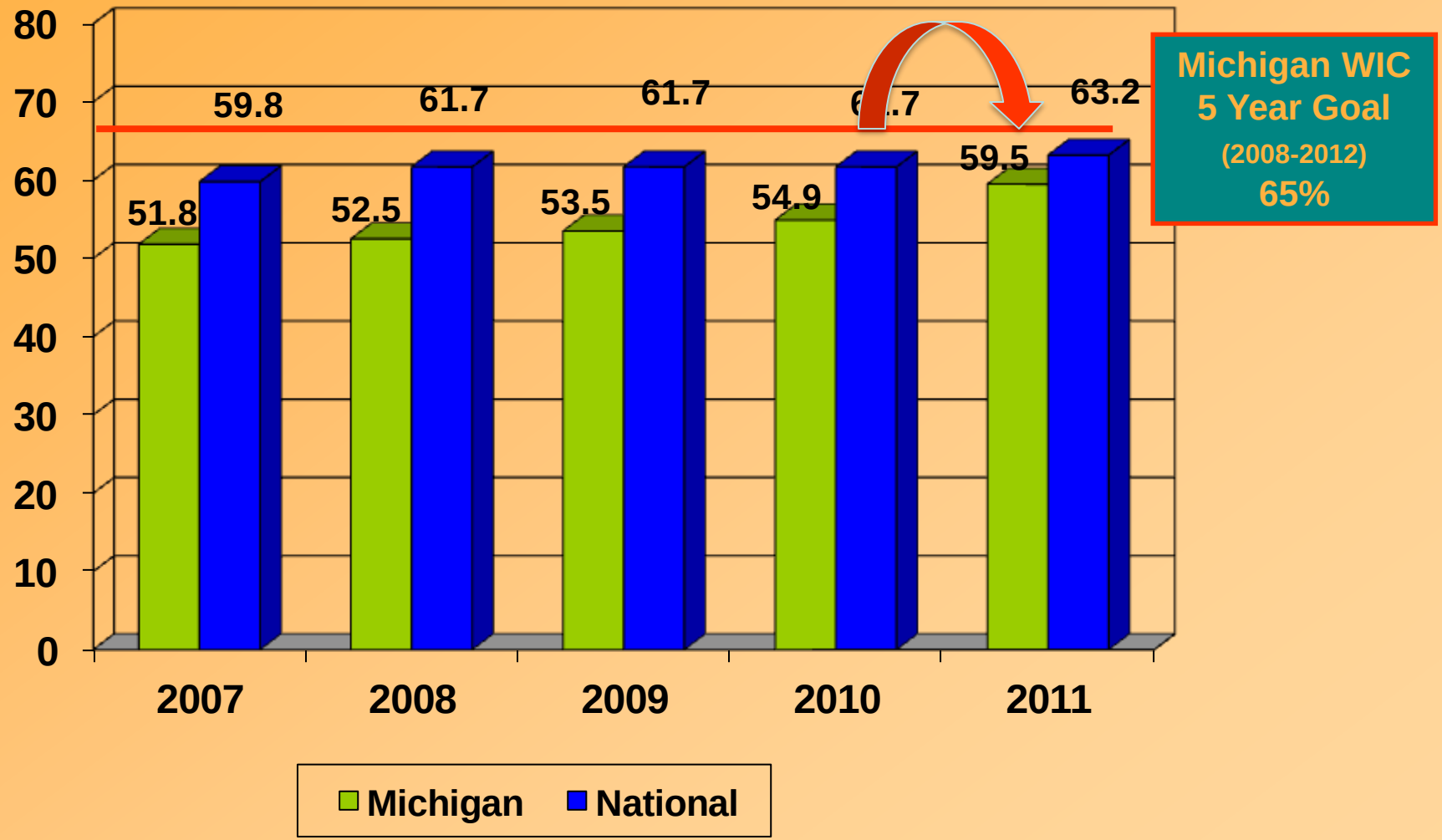
- 57.4% White
- 27.5% Black
- 10.1% Hispanic
- 73.5% between 18-29 years
- 74.5% at least high school educated
- 77.5% live at or below 150% poverty line
- 83.2% Medicaid



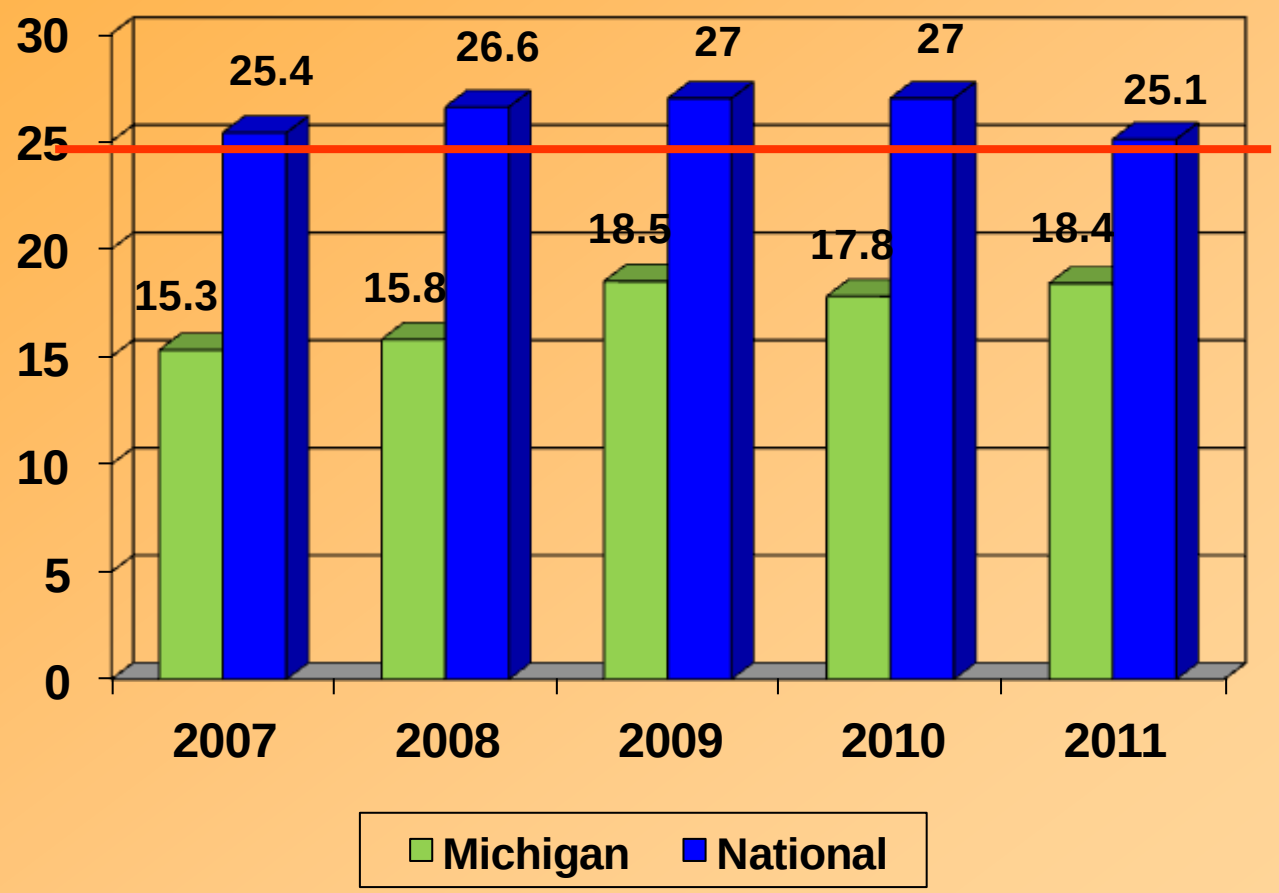
2011 Participant Profile: Infants & Children

- 51.1% White
- 25.7% Black
- 14% Hispanic
- 33.8% less than 12 months old
- 59.5% Initiated Breastfeeding
- 83.2% watched less than 2 hours/day of television

Breastfeeding Initiation

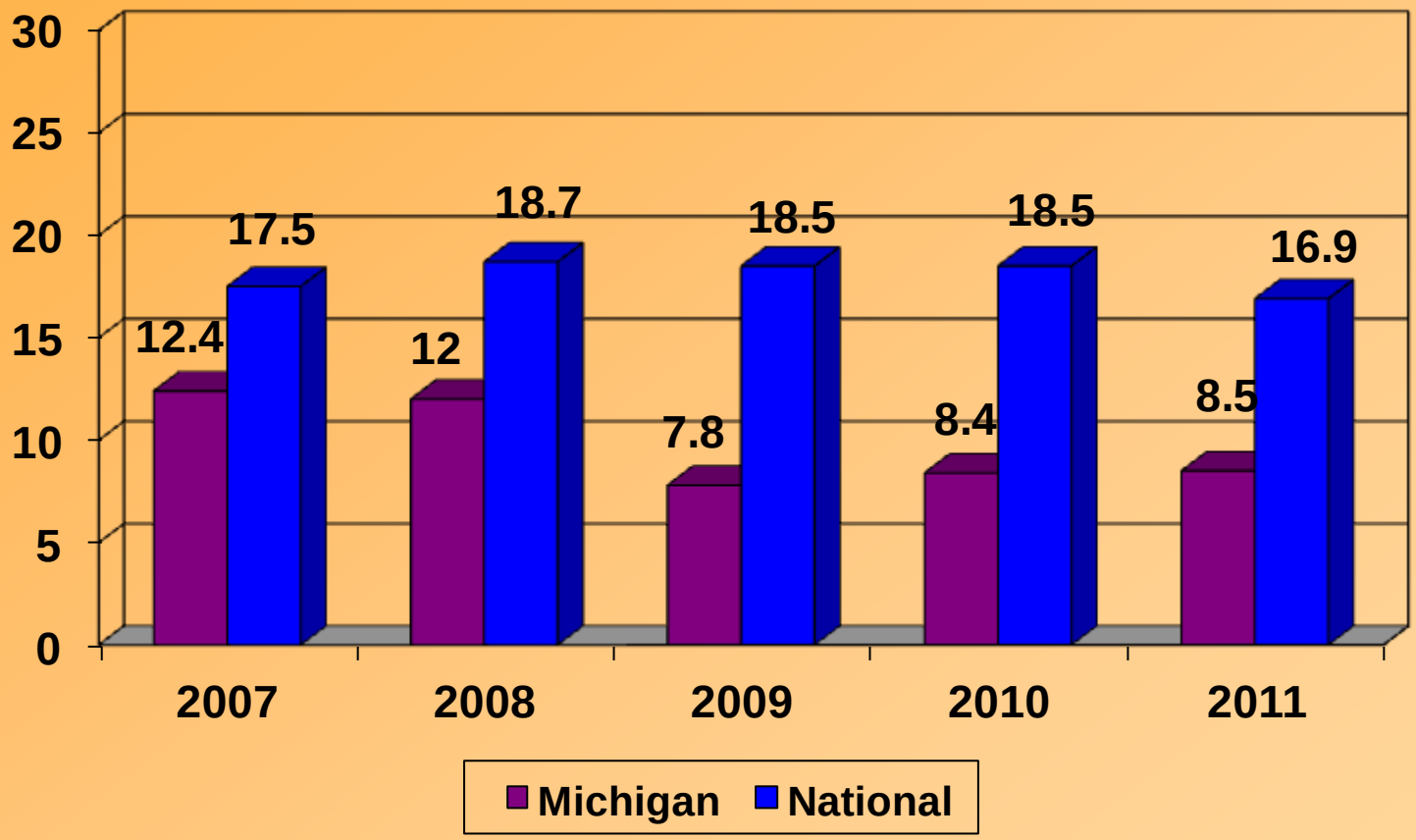


Breastfed to at least 6 months

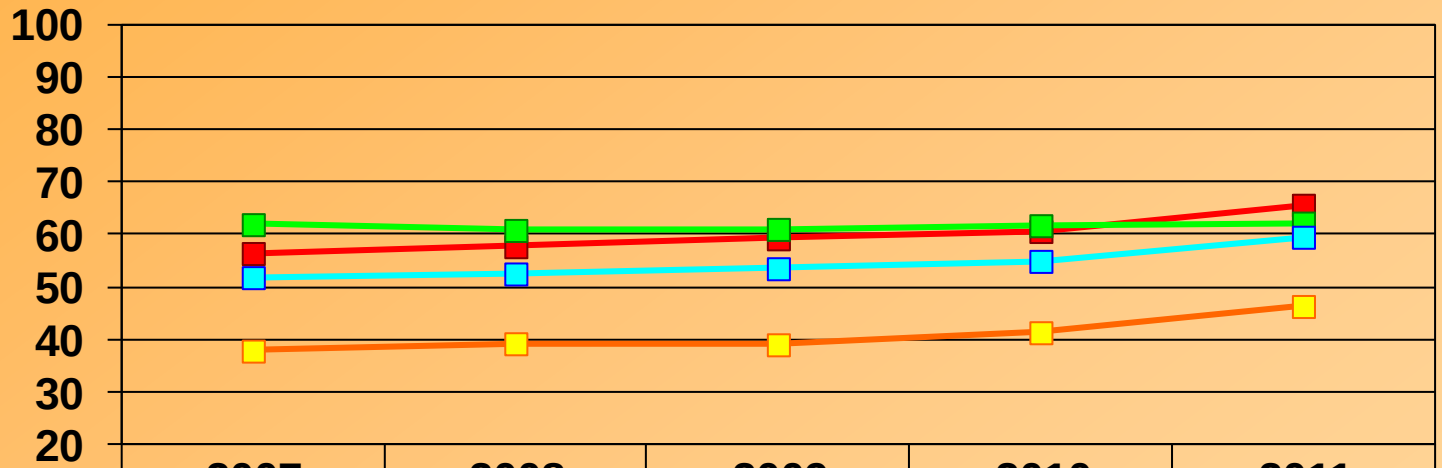


Michigan WIC
5 Year Goal
(2008-2012)
24%

Breastfed At Least 12 Months



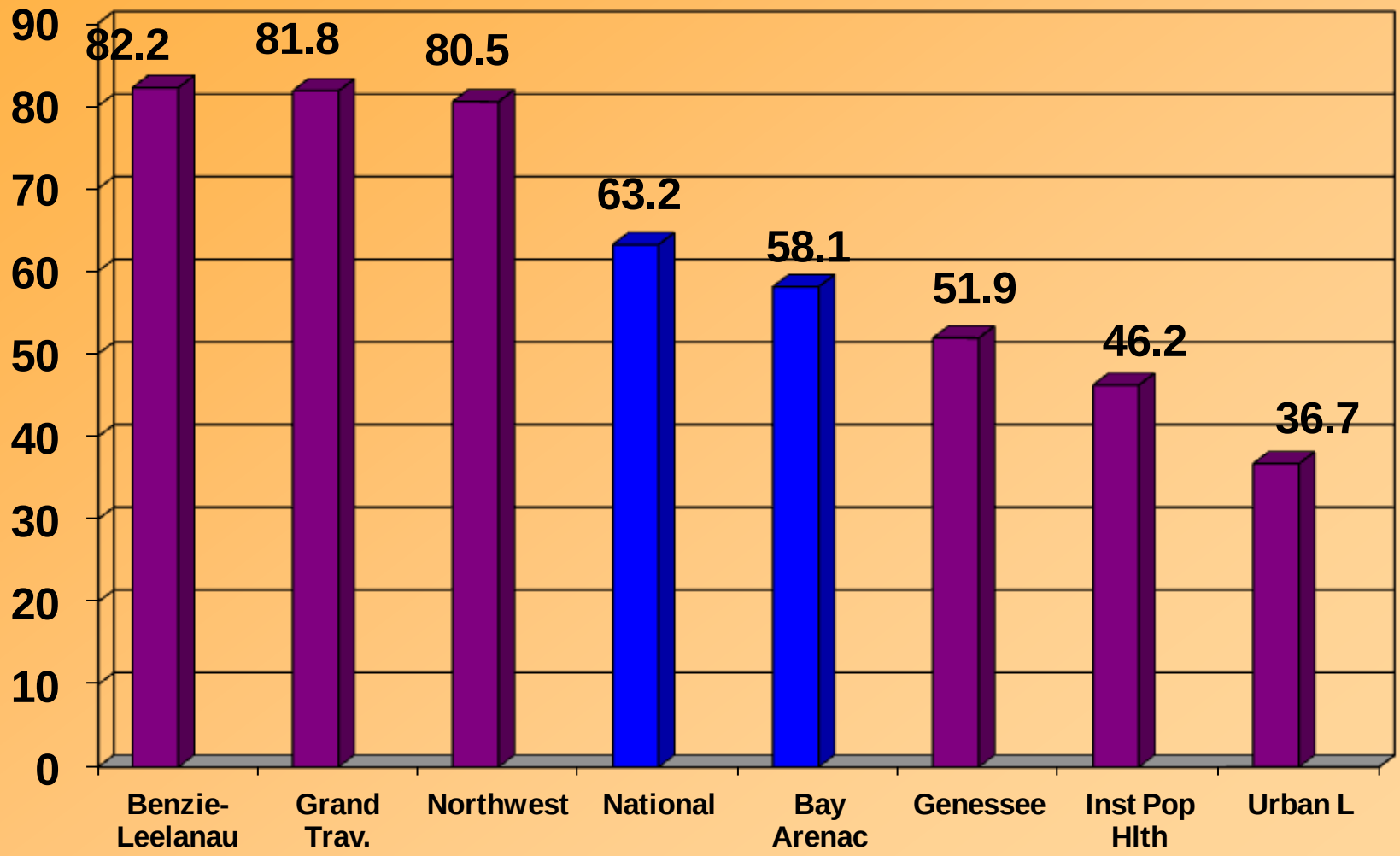
Breastfeeding Initiation Trends by Race



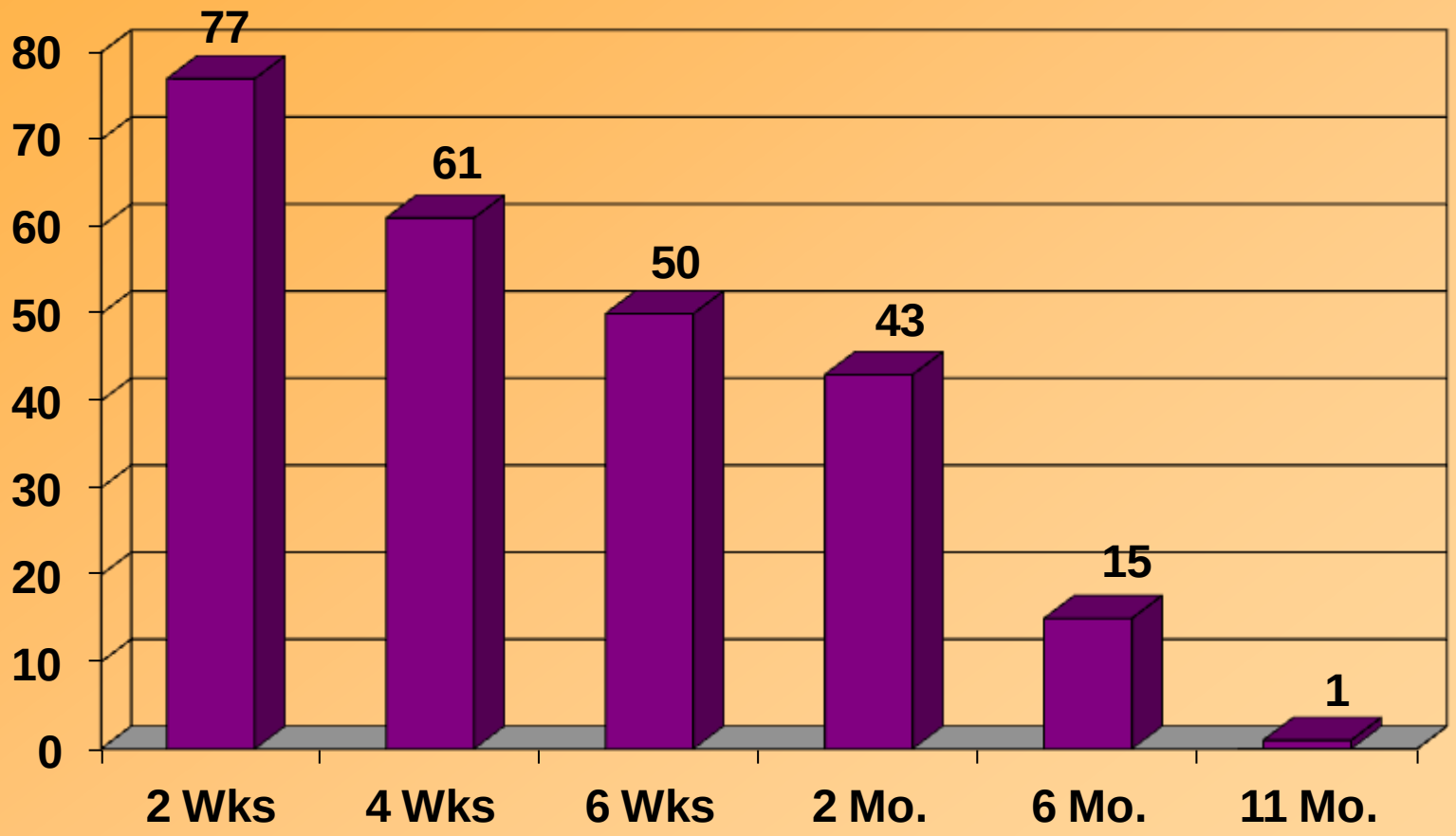
	2007	2008	2009	2010	2011
White	56.4	57.7	59.2	60.6	65.6
Black	37.8	39.2	39	41.3	46.3
Hispanic	61.9	60.8	61	61.7	62.2
All	51.8	52.5	53.5	54.9	59.5

Source CDC PedNSS

Breastfeeding Initiation, LA 2011



Breastfeeding Duration (Critical Periods of Interventions)



*Of those that initiated breastfeeding

Point-in-time Report 4/10/2013

MI-WIC Reports

Types of Breastfeeding Reports

- MI-WIC Breastfeeding Initiation and Duration Production Report
- MI-WIC Pre-Defined Report
- Breastfeeding Ad-hoc Report

Breastfeeding Initiation and Duration Production Report

Breastfeeding Production Report

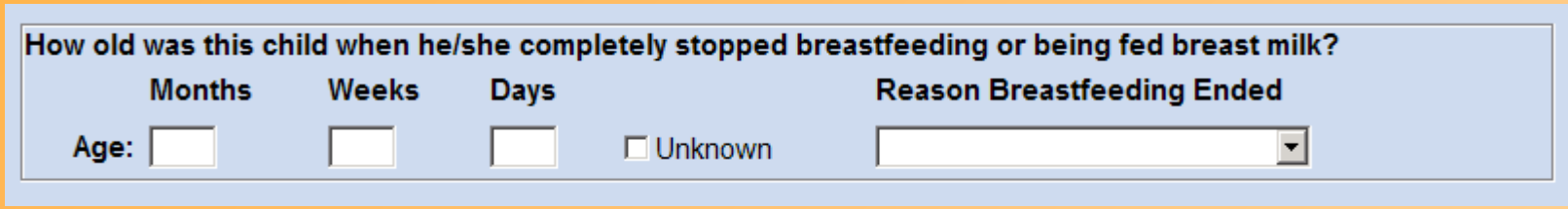
- Provides a point-in-time summary of breastfeeding statistics, active clients
- Count and Rate of BF Initiation for:
  - Infants only, Infants and Children combined, Infants of prenatal WIC Moms
- Count and Rate of BF Duration
  - Infants and Children
- Count and Rate of BF Exclusivity
  - Infants and Children
  - 3 and 6 month durations

Breastfeeding Production Report (continued)

- Information from infants and children records
- Reported durations include those currently breastfeeding and those that initiated breastfeeding but are no longer breastfeeding

How is Duration Calculated?

Clients who are no longer Breastfeeding


How old was this child when he/she completely stopped breastfeeding or being fed breast milk?

	Months	Weeks	Days		Reason Breastfeeding Ended
Age:				☐ Unknown	

Clients who are currently Breastfeeding

Report Run Date - Date of Birth = Duration

Search - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/28/2011

- Active Client
- Administration
- Breast Pumps
- Breastfeeding Initiation and Duration
- Caseload
- EBT
- Education and Referrals
- MIHP Billing Report
- Monitoring
- Nutr and Health Summary
- Participation
- Scheduler
- WIC Health.org Error Report

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Scope
Local Agency | State | Clinic

Search
Search By
Client
Authorized Person
ID
Last Name
OR

Certified Only
Find

	Last Name	First Name	I	Birth Date	AP Last Nar	rt Start	Cert End	Ter

Print List | Print Labels

Make Active | Transfer In State | Cancel

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Search - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/28/2011

- Active Client
- Administration
- Breast Pumps
- Breastfeeding Initiation and Duration

Active Record

Scope
Local Agency | State | Clinic

Report Parameters -- Web Page Dialog

Breastfeeding Initiation and Duration

State/Local Agy ☐
Local Agy/State ☑

010000 District Health Department No. 2
020000 Luce-Mackinac-Alger-Schoolcraft District Health Dept.
040000 District Health Department #4
050000 Health Department of Northwest Michigan
060000 Central Michigan District Health Department
070000 Western Upper Peninsula Health Dept.
080000 Barry-Eaton District Health Department
090000 Bay County Health Department
100000 Grand Traverse County Health Department
110000 Berrien County Health Department

Run Report | Cancel

Scheduling Tasks
Guided Script
Client Care
Logoff

Find
Cert End

Make Active | Transfer In State | Cancel

Version: 4.7.0.7

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Michigan WIC Program

Breastfeeding Initiation and Duration Report

Generated Date: 04/16/2013

Agency	Breastfeeding Initiation			Breastfeeding Duration													Breastfeeding Exclusivity	
	Infants and Children	Infants Only	Infants of Prenatal WIC	1 wk	2 wks	4 wks	6 wks	2 months	3 months	6 months	12 months	18 months	2 yrs	3 yrs	4 yrs		3 months	6 months
State	116,424	36,512	30,121	9,790	14,503	10,716	5,990	10,868	21,003	17,801	8,423	2,085	1,206	160	15		13,884	10,705
	61%	61%	82%	8.4%	12.5%	9.2%	5.1%	9.3%	18.0%	15.3%	7.2%	1.8%	1.0%	0.1%	0.0%		11.9%	9.2%
01	835	255	213	79	129	74	54	72	155	131	57	13	7	0	0		153	72
	64%	64%	84%	9.5%	15.4%	8.9%	6.5%	8.6%	18.6%	15.7%	6.8%	1.6%	0.8%	0.0%	0.0%		18.3%	8.6%
02	446	119	109	50	75	39	30	36	84	51	29	8	7	0	0		78	53
	64%	68%	92%	11.2%	16.8%	8.7%	6.7%	8.1%	18.8%	11.4%	6.5%	1.8%	1.6%	0.0%	0.0%		17.5%	11.9%
04	767	248	220	61	101	71	37	93	152	129	64	14	8	1	1		162	85
	57%	61%	89%	8.0%	13.2%	9.3%	4.8%	12.1%	19.8%	16.8%	8.3%	1.8%	1.0%	0.1%	0.1%		21.1%	11.1%
05	1,705	490	424	141	193	167	97	156	334	275	134	38	22	3	0		373	242
	76%	80%	87%	8.3%	11.3%	9.8%	5.7%	9.1%	19.6%	16.1%	7.9%	2.2%	1.3%	0.2%	0.0%		21.9%	14.2%
06	2,653	807	698	241	388	269	178	235	432	359	196	55	21	7	0		447	299
	68%	73%	86%	9.1%	14.6%	10.1%	6.7%	8.9%	16.3%	13.5%	7.4%	2.1%	0.8%	0.3%	0.0%		16.8%	11.3%
07	842	223	176	56	92	71	39	55	163	170	84	15	12	1	0		164	116
	73%	75%	79%	6.7%	10.9%	8.4%	4.6%	6.5%	19.4%	20.2%	10.0%	1.8%	1.4%	0.1%	0.0%		19.5%	13.8%
08	1,606	533	432	115	188	137	114	160	302	273	115	30	22	1	0		250	202
	70%	74%	81%	7.2%	11.7%	8.5%	7.1%	10.0%	18.8%	17.0%	7.2%	1.9%	1.4%	0.1%	0.0%		15.6%	12.6%
09	1,154	304	264	126	149	110	76	96	212	176	65	20	11	0	0		220	66
	54%	51%	87%	10.9%	12.9%	9.5%	6.6%	8.3%	18.4%	15.3%	5.6%	1.7%	1.0%	0.0%	0.0%		19.1%	5.7%

Pre-Defined Reports

Pre-Defined Reports

- User customized, point-in-time look at currently active clients
- Pre-defined reports look at a user defined subset of client population
- User Options:
  - the type of report
  - organizational level of analysis (role-approved)
  - output characteristics

    BF Initiation, Duration and Exclusivity
  - filtering variables

Pre-defined Reports (continued)

- Information from infants and children records
- Reported durations include those currently breastfeeding and those that initiated breastfeeding but are no longer breastfeeding

What is the rate of breastfeeding initiation for currently active, Hispanic infants and children on Medicaid for the state?

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Friday 2/25/2011

(IBP) * 300 204 574

Active Record

test, courtney (infant)

Cat: IBP (female)
ID: 300 204 574
DOB: 6/15/2008
Age: 2 yrs, 8 mos
Cert: 08/12/08 - 06/14/09
Status: Terminated

Scheduling Tasks
Guided Script
Client Care
Logoff

Medical Information | BF Statistics

Was this child ever breastfed or fed br

Yes No Unknown

Is this child currently breastfed?*

Yes No

How old was this child when he/she was breast milk? Exclusively Breastfed
(i.e., formula, water, infant cereal, etc.)

	Months	Weeks	Days	Food
Age:				

How old was this child when he/she completely stopped breastfeeding or being fed breast milk?

	Months	Weeks	Days		Reason Breastfeeding Ended
Age:				Unknown	

Save | Cancel | Next

Add Complaint
Appeals and Fair Hearings
Authorized Vendors
Communications
Compliance Investigations
Formula Calculator
Images
NE Plan/ VOC
Notes and Alerts
Pre-defined Reports
RD Approval Queue
Resolve CSFP Dual Enrollment
Resolve Dual Enrollment
Sanctions
Scan
Signature
Special Population Issuance
Survey
Time Study Entry
Transfers Out of State

Version: 4.7.0.7

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BF Initiation Rate of Hispanic I & C on Medicaid, Statewide

Date Generated: 04/16/2013

Breastfeeding Initiation	*Frequency*	Percentage %
Ever Breastfed - Yes	12,080	65.13
Ever Breastfed - No	3,003	16.19
Ever Breastfed - Unknown	3,453	18.62
	11	.06
Total	**18,547**	

BF Initiation Rate of Hispanic I & C on Medicaid, Statewide

Date Generated: 04/16/2013

Report Criteria

Filter	Value
Client Adjunct Eligibility (Medicaid):	Yes
Ethnicity (Hispanic/Latino):	Yes

Questions on Pre-Defined Reports?

MPHI Events (https://events.mphi.org)

- Upcoming Events
- WIC Trainings
- Archived Webcasts

Session with Richard Schneider at the Michigan WIC Conference

Tuesday, April 19, 2011

(Session 204)

Breastfeeding Ad-hoc Report

Breastfeeding Ad-hoc Report

- Point-in-time look at current breastfeeding duration statistics by state and local agency
- Currently active clients
- Count and rate for each breastfed duration interval
  - -Infants and children
- Includes those currently breastfed and those that initiated breastfeeding but are no longer breastfeeding

Breastfeeding Ad-hoc Report (continued)

- Shows drop-off of clients at each breastfed time interval
- Highlights critical points of intervention for clients
- Best used for breastfeeding planning
- Will be available twice a year
- Available upon request for monitoring special projects

BREASTFEEDING DURATION REPORT--Point in Time

Generated 3/17/11

BF DURATION SUMMARY 03/17/11	LA #	No. of INFANTS INITIATED BF	TWO WEEKS		FOUR WEEKS		SIX WEEKS		TWO MONTHS		SIX MONTHS		ELEVEN MONTHS	
		#	#	Duration	#	Duration	#	Duration	#	Duration	#	Duration	#	Duration
STATE	**0**	**34,198**	**26,801**	**78.37%**	**22,232**	**65.01%**	**19,454**	**56.89%**	**17,407**	**50.90%**	**7,175**	**20.98%**	**993**	**2.90%**
DISTRICT HD #2	1	230	181	78.70%	146	63.48%	129	56.09%	114	49.57%	48	20.87%	3	1.30%
LMAS DHD	2	135	113	83.70%	98	72.59%	83	61.48%	75	55.56%	42	31.11%	7	5.19%
DISTRICT HD #4	4	229	195	85.15%	163	71.18%	140	61.14%	127	55.46%	55	24.02%	11	4.80%
NORTHWEST	5	487	391	80.29%	357	73.31%	319	65.50%	299	61.40%	132	27.10%	19	3.90%
CENTRAL MICHIGAN	6	713	573	80.36%	496	69.57%	440	61.71%	391	54.84%	167	23.42%	25	3.51%
WESTERN UP	7	273	224	82.05%	193	70.70%	173	63.37%	159	58.24%	70	25.64%	6	2.20%
BARRY EATON	8	471	370	78.56%	313	66.45%	285	60.51%	259	54.99%	109	23.14%	19	4.03%
BAY COUNTY	9	407	324	79.61%	272	66.83%	245	60.20%	224	55.04%	61	14.99%	4	0.98%
GRAND TRAVERSE	10	425	375	88.24%	349	82.12%	324	76.24%	283	66.59%	130	30.59%	17	4.00%
BERRIEN CO. HD	11	502	395	78.69%	319	63.55%	282	56.18%	243	48.41%	100	19.92%	15	2.99%
BHS COMMUNITY HA	12	730	620	84.93%	532	72.88%	483	66.16%	434	59.45%	167	22.88%	16	2.19%
CALHOUN CO. HD	13	596	421	70.64%	341	57.21%	289	48.49%	252	42.28%	90	15.10%	12	2.01%
BENZIE-LEELANAU	14	94	81	86.17%	66	70.21%	55	58.51%	49	52.13%	22	23.40%	4	4.26%
INTERCARE	15	2,157	1,753	81.27%	1,572	72.88%	1,410	65.37%	1,241	57.53%	521	24.15%	68	3.15%
CHIPPEWA	17	175	149	85.14%	136	77.71%	125	71.43%	109	62.29%	48	27.43%	7	4.00%
MID MICHIGAN DHD	19	638	512	80.25%	397	62.23%	348	54.55%	303	47.49%	119	18.65%	13	2.04%
DELTA-MENOMINEE	21	195	151	77.44%	128	65.64%	110	56.41%	96	49.23%	34	17.44%	5	2.56%
DICKINSON/IRON	22	131	118	90.08%	107	81.68%	96	73.28%	85	64.89%	38	29.01%	9	6.87%
GENESEE COUNTY	25	1,331	993	74.61%	762	57.25%	636	47.78%	562	42.22%	237	17.81%	41	3.08%
HEALTH DELIV-RES/3011	30	251	141	56.18%	119	47.41%	99	39.44%	89	35.46%	27	10.76%	3	1.20%
HURON COUNTY	32	112	89	79.46%	73	65.18%	65	58.04%	60	53.57%	22	19.64%	1	0.89%
INGHAM COUNTY	33	1,126	900	79.93%	695	61.72%	598	53.11%	542	48.13%	226	20.07%	29	2.58%
KEWEENAW BAY	35	37	25	67.57%	20	54.05%	18	48.65%	17	45.95%	9	24.32%	2	5.41%
IONIA COUNTY	37	243	181	74.49%	149	61.32%	129	53.09%	113	46.50%	40	16.46%	5	2.06%
JACKSON COUNTY	38	712	533	74.86%	432	60.67%	364	51.12%	311	43.68%	113	15.87%	15	2.11%
KALAMAZOO CO.	39	447	360	80.54%	317	70.92%	281	62.86%	258	57.72%	121	27.07%	14	3.13%
FAMILY HEALTH CENTER	40	506	401	79.25%	356	70.36%	310	61.26%	272	53.75%	99	19.57%	16	3.16%
KENT COUNTY	41	2,745	2,198	80.07%	1,842	67.10%	1,662	60.55%	1,505	54.83%	608	22.15%	92	3.35%
DISTRICT HD 10	43	1,335	1,079	80.82%	873	65.39%	742	55.58%	655	49.06%	260	19.48%	37	2.77%
LAPEER COUNTY	44	305	243	79.67%	194	63.61%	164	53.77%	141	46.23%	51	16.72%	4	1.31%
TUSCOLA COUNTY	45	193	151	78.24%	123	63.73%	104	53.89%	78	40.41%	32	16.58%	6	3.11%
COMMUNITY ACTION	46	367	281	76.57%	237	64.58%	204	55.59%	182	49.59%	86	23.43%	12	3.27%
LIVINGSTON COUNTY	47	345	284	82.32%	224	64.93%	192	55.65%	175	50.72%	117	33.91%	18	5.22%
MACOMB CO	50	1,347	1,040	77.21%	778	57.76%	655	48.63%	576	42.76%	230	17.07%	27	2.00%
DOWN RIVER	51	549	432	78.69%	348	63.39%	289	52.64%	252	45.90%	84	15.30%	14	2.55%
MARQUETTE COUNTY	52	201	182	90.55%	164	81.59%	139	69.15%	127	63.18%	52	25.87%	7	3.48%
MID MI COM ACTION	56	305	250	81.97%	220	72.13%	193	63.28%	172	56.39%	80	26.23%	11	3.61%
MONROE COUNTY	58	486	370	76.13%	298	61.32%	251	51.65%	219	45.06%	84	17.28%	10	2.06%

BF DURATION SUMMARY 03/17/11	LA #	No. of INFANTS INITIATED BF	TWO WEEKS		FOUR WEEKS		SIX WEEKS		TWO MONTHS		SIX MONTHS		ELEVEN MONTHS	
		#	#	Duration	#	Duration	#	Duration	#	Duration	#	Duration	#	Duration
STATE	0	34,198	26,801	78.37%	22,232	65.01%	19,454	56.89%	17,407	50.90%	7,175	20.98%	993	2.90%

MI-WIC
and
Data Quality
Success

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Friday 2/25/2011

---test, courtney (infant) (IBP) * 300 204 574

Active Record

test, courtney (infant)

Cat: IBP (female)
ID: 300 204 574
DOB: 6/15/2008
Age: 2 yrs, 8 mos
Cert: 08/12/08 - 06/14/09
Status: Terminated

Scheduling Tasks
Guided Script
Client Care
Logoff

Client Information | **Additional Information**

Authorized Person: Test, Courtney

Family ID: 2600312

Client ID	Last Name*	First Name*	MI
300 204 574	Test	Courtney (Infant)	

Birth Date*: 06/15/2008

Age: 2 years, 8 months

Gender*: ○ Male ◉ Female

Medicaid Number:

☑ Adjunct Eligibility ☑ Income Eligibility

Mother's ID: 300 204 573

☐ Foster Care

Proof of Identity*: Birth Certificate

Proof of Pregnancy*: Not Applicable

Education Level*: Not Applicable

Marital Status*: Not Applicable

Reason for Ineligibility:

Physician

Name:

Phone: ( ) -

Save | Cancel | →

Verify mother and child's category

Version: 4.7.0.7

TURNERH | 000000 State Agency | miwics

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Friday 2/25/2011

---test, courtney (infant) (IBP) * 300 204 574

Active Record

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DOB: 6/15/2008
Age: 2 yrs, 8 mos
Cert: 08/12/08 - 06/14/09
Status: Terminated

Scheduling Tasks
Guided Script
Client Care
Logoff

Medical Information | BF Statistics

Was this child ever breastfed or fed breast milk?*

(•) Yes ( ) No ( ) Unknown

Update Me

Is this child currently breastfed?*

(•) Yes ( ) No

Every time a client is seen

How old was this child when he/she was first fed something other than breast milk? (i.e., formula, water, infant cereal, etc.) ☐ Exclusively Breastfed

	Months	Weeks	Days		Type of Food
Age:				☐ Unknown	

How old was this child when he/she completely stopped breastfeeding or being fed breast milk?

	Months	Weeks	Days		Reason Breastfeeding Ended
Age:				☐ Unknown	

Accuracy

Save Cancel Next

Version: 4.7.0.7

TURNERH 000000 State Agency miwics

Summary

- Enter correct birth date
- When known, add mother's client ID to child's record
- Verify mother and child's client category
- Update BF information every time you see a child (accurately)
- Utilize BF Reports to monitor your program
  - BF Initiation and Duration Production Report
  - Pre-defined Report
    - Frequency Tables
    - BF Initiation, Exclusivity, Duration
  - BF Ad-hoc report when necessary (planning)

The Possibilities

- Michigan WIC Five-Year-Plan (2012)
  - Initiation to **65%**
  - 6 Months to **24%**

Healthy People 2020 Goals

- Increase BF:
  - Initiation to **81.9%**
  - 6 Months to **60.9%**
  - 12 Months to **34.1%**

April 2013

Breastfeeding Initiation: 61%

Breastfed to 6 months: 16%

Data Quality Depends on YOU!

Thank You

Bagya Kodur
kodurb@michigan.gov

Kobra Eghtedary
EghtedaryK@michigan.gov

Pre-Defined Reports and You!

Richard Schneider
State of Michigan – WIC

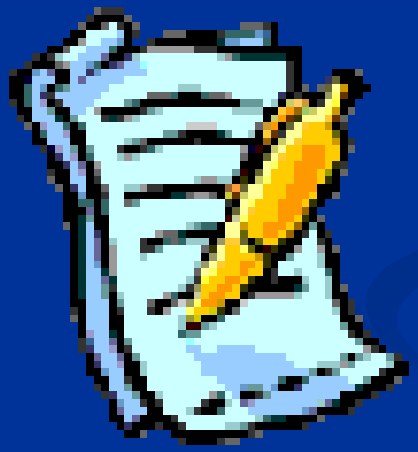
Overview

- Introductions
- Survey Results
- When do I use the Pre-Defined Reports?
- Pre-Defined Reports Refresher
- Report Walkthroughs
- Next steps

Who is this guy?

- Richard (Rick) Schneider
- WIC employee 3 years
- Economic Development 4 years
- Project management, report specialist, and ad hoc reporting

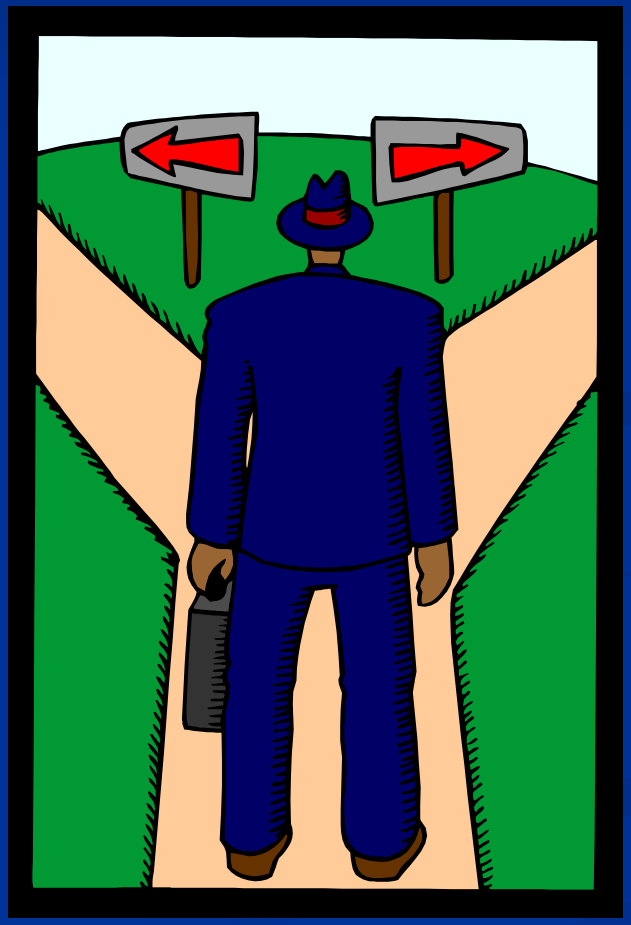
Survey



Survey Information

- Sent to all WIC Coordinators
- 24 Local Agencies Responded (49%)
  - Majority run monthly or less than monthly (82%)
  - Training video was helpful (78%)
  - 47% felt there was a need for hands on training
- Qualitative results

When should I use Pre-Defined Reports?



Guiding principles

- Provide LA staff customizable reporting options
- Meet a wide range of data reporting needs and options
- Make it user friendly for a wide segment of WIC staff
- Ensure data security and quality

What was developed

- Point in time reporting
  - Dates complicate data draws exponentially
  - Very difficult to code for contingencies
- Only currently active clients
  - Certification periods are complicated in MI-WIC
    - Certification End Date vs. Termination Date

When Pre-Defined Reports work well

- Answering "right now" questions
  - Point-in-time reports
  - Currently active clients
- Producing reports that match the report options
  - Mailing labels, Listings, or Frequency reports

When Pre-Defined Reports are not the best option

- Trying to modify or replace a production report
- Trying to answer historical questions
- Trying to extrapolate the data

Can I use Pre-Defined Reports to validate other reports like Caseload Management?

- Many production reports have complex requirements used to create the report
  - Closeout Priority Status by Category Report
  - Caseload Management Report
- Validated by 3SSW and State Office

- System bugs

MI-WIC Report Refresher

- Reporting Options
- Pre-Defined Report components
  - Type of reports
  - Organizational Level
  - Output Characteristics (as required)
  - Filtering Criteria

Reporting Options

- Three-Legged stool
  - Production Reports
  - Ad Hoc Reports
  - Pre-Defined Reports

- *Upcoming WIC Coordinator Conference in Sept. 2011*

MI-WIC Production Reports

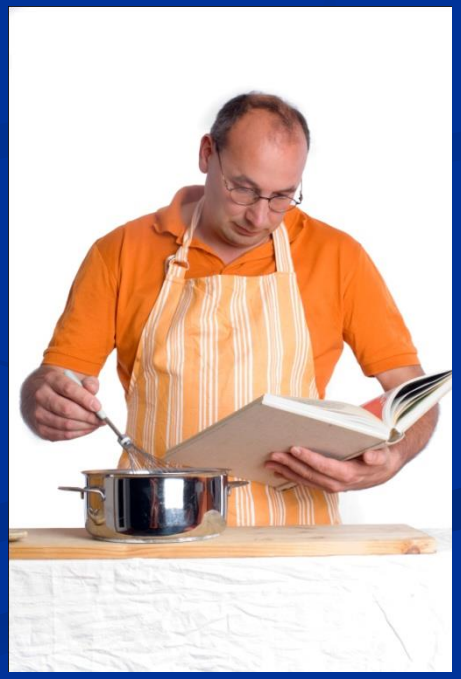
- MIWIC reports frequently used by local agencies
- System defined reports
  - Provides data based on date and organization level parameters
- Examples Include:
  - Client Care Plan
  - Closeout Priority Status by Category
  - Show Rate Report

MI-WIC Ad Hoc Reports

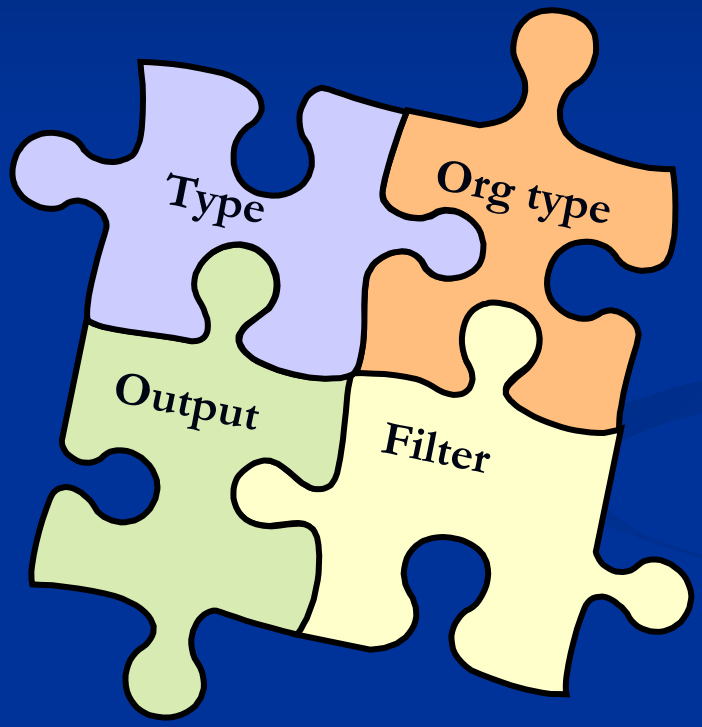
- Used for a very specific purpose
- Provide data to questions that can't be answered through other types of reports
  - Historical data
  - Terminated clients
  - Client characteristics not available in Pre-Defined reports
- Any data that is in MI-WIC can be put into an Ad Hoc
- Extensive analysis and validation

MI-WIC Pre-Defined Reports

- User defined and generated
- An Al a Carte of report characteristics
  - Type of report
  - Scope of report (org. units)
  - Report characteristics (filters)
- Increased and controlled flexibility



Pre-Defined Report Components



Types of Report

- Three types of reports
  - Labels
  - Listing
  - Frequency

Label Reports

- Was one of the most common Ad Hoc requests
- Allows the user to produce standard set of mailing labels for their Local Agency/Clinic.
- One standard mailing label size (Avery 5160)
- Mailing labels addressed to Authorized Person
- Mailing labels are deduplicated at family level

https://sso.state.mi.us/dch-miwicuat/reports/rwservlet?miwics&report=c:\reports\Clinic\RPT_Prin - Microsoft Internet Explorer

1 / 1 102% Sign Find

7600464

Jane Test1
123 Main
Haslett, MI 48840

7600483

James Test10
777 Jarmin
Haslett, MI 48840

7600466

Rose Test2
111 Stirling
Haslett, MI 48840

7600481

Lucy Test9
2113 Burdic
Haslett, MI 48840

https://sso.state.mi.us/dch-miwicuat/reports/rwservlet?miwics&report=c:\reports\Clinic\RPT_Prin - Microsoft Internet Explorer

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7600

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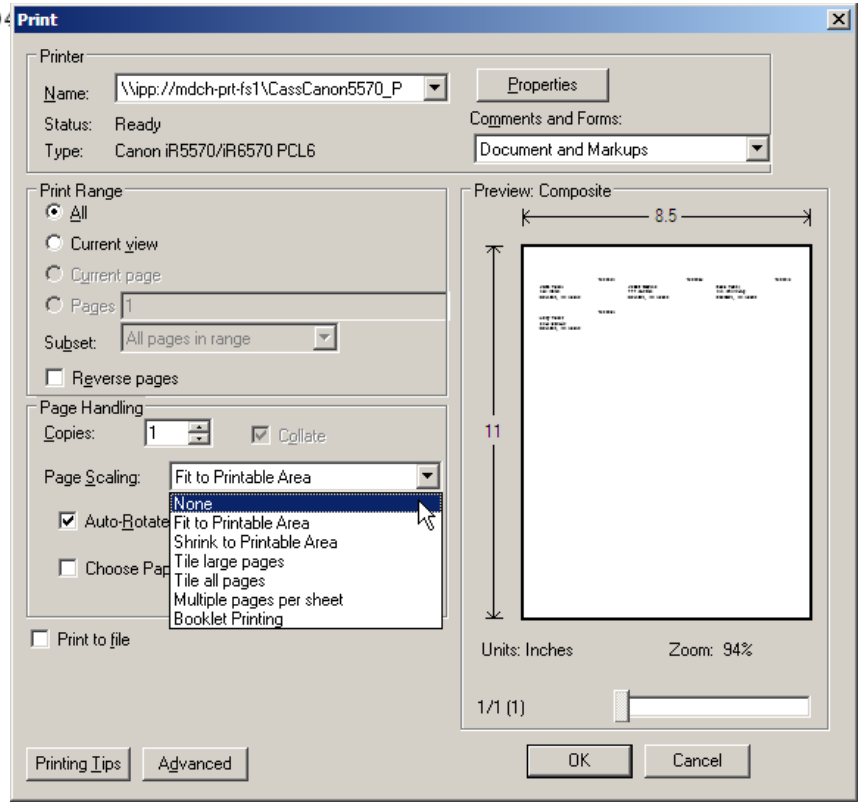

Listing Reports

- Provides a listing of all clients who meet the filter criteria
- Users can have a total of 12 columns in their listing report (includes standard columns)
- Five standard columns always included
  - Clinic, Client ID, Name, Client Category
- Sorted ascending based on Local agency/clinic number and Client ID

https://sso.state.mi.us/dch-miwicprod/reports/rwservlet?miwicp&report=c:\reports\Clinic\RPT_Pre - Microsoft Internet Explorer

Children's Race with 113 and 114 Risk Code

Date Generated: 04/14/2011

LA/Clinic	Client ID	First Name	Last Name	Current Client Category	Race	Risk Factor
200101	300605212	STEVE	ALBERT	C3	White	11301
200101	300605217	BOB A	EBT EVANS	C4	White	11301
200101	300605333	JEFF	JORDAN	C3	Multi-Racial	11301
200101	300605342	MARY	MAY	C3	Multi-Racial	11301
200101	300605479	FRANK	JORDAN	C2	Multi-Racial	11301
200101	300605484	RYANNE	HEART	C3	White	11301
200101	300605498	MAY	MAY	C3	Multi-Racial	11301
200101	300605545	JEFF	JAMES	C4	Multi-Racial	11301
200101	300605609	HEARTY	HEART	C4	Multi-Racial	11301
200101	300605623	JORDY	JORDAN	C3	Multi-Racial	11301
200101	300605655	BILL A	EBT EVANS	C2	Multi-Racial	11301
200101	300605683	QUINN	BECK	C3	Multi-Racial	11301
200101	300605749	JAY	JORDAN	C3	Multi-Racial	11301
200101	300605901	RANDY	DOUGLAS	C3	Multi-Racial	11301
200101	300605947	MELBA	BURST	C3	White	11401
200101	300605979	GINGER	PEPSI	C4	White	11401
200101	300845554	Edward	Testerri	C4	Multi-Racial	11401
200101	300845564	c3	rel4.7	C3	Black or African American	11301
200101	300845565	C2	Rel4.7	C2	Asian	11301

Note: Report only shows currently active enrollees.

Frequency Reports

- Answers the "How many…" question
- Provides a count and percentage of clients who meet the user defined output characteristic
- Allows user to select some production report characteristics
- Percentage provided for clients on the report only

https://sso.state.mi.us/dch-miwicprod/reports/rwservlet?miwicp&report=c:\reports\Clinic\RPT_Pre - Microsoft Internet Explorer

Trimester of enrollment for BE and BP moms

Date Generated: 04/14/2011

Trimester at WIC Enrollment	*Frequency*	Percentage %
Post-Partum	10	71.43
1st Trimester	4	28.57
Total	**14**	

Organizational Level

Organizational Level

- User selects what level they want the report to run for
- User can only select one LA/Clinic at a time
- Users can run for clinics which they are assigned rights to
  - Can run at Local Agency level regardless of assigned clinic rights

Output Characteristics

Output Characteristics

- Used for Frequency reports *only*
  - Used to group results
    - If I had 20 woman clients and select client category:
      - NPP 9
      - BP 4
      - BE 3
      - PG 4
- Select based on "How many…"

Output Characteristics cont.

- Major vs. minor characteristics
  - Can't select an aspect from both of these at this time
  - Report results can be restricted by selecting filter criteria

Restricting Output Characteristic results

- Frequency report groups can be tailored by using the filtering variables.
  - Trimester at WIC enrollment filtered by "1st trimester" will display results for 1st trimester only

Filter Variables

- Determine who will appear in your report
  - Customization options

- Two basic levels
  - Filter Families
  - Filter Items

Filter Families

- The grouping of common filter variables
- If you select two filter variables from two different families, the client will have to meet both conditions to be reported
  - County of residence and client category

Pre-defined Reports - Microsoft Internet Explorer

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- [ ] 1st Trimester
- [ ] 3rd Trimester
- [ ] 2nd Trimester
- [ ] Post-Partum

WIC Client Category
- [ ] BE Woman BF Exclusively
- [ ] IBE Infant BF Exclusively
- [ ] BP Woman BF Partially
- [ ] IBP Infant BF Partially
- [ ] C1 Child Age 1
- [ ] IFF Infant Formula Fed
- [ ] C2 Child Age 2
- [ ] PG Woman Pregnant
- [ ] C3 Child Age 3
- [ ] NPP Non-Lactating Post-Partum
- [ ] C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

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Filter Variables

- The specific filter that determines who will be included in the report
- If I select “C1”, I will only get “C1” clients in my report
- If I selected both “C1” and “PG”, I will get “C1” OR “PG” clients in my report

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- ☐ 1st Trimester
- ☐ 3rd Trimester
- ☐ 2nd Trimester
- ☐ Post-Partum

WIC Client Category
- ☐ BE Woman BF Exclusively
- ☐ IBE Infant BF Exclusively
- ☐ BP Woman BF Partially
- ☐ IBP Infant BF Partially
- ☐ C1 Child Age 1
- ☐ IFF Infant Formula Fed
- ☐ C2 Child Age 2
- ☐ PG Woman Pregnant
- ☐ C3 Child Age 3
- ☐ NPP Non-Lactating Post-Partum
- ☐ C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.7.0.7

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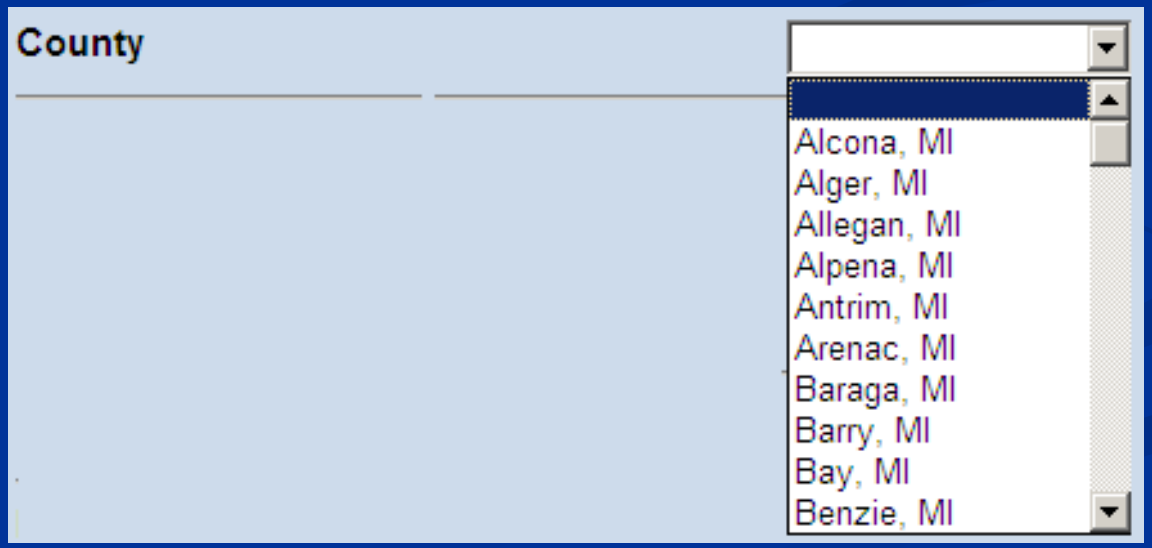
Crafty Filter Variables

- County of Residence
- Race
- Risk Code
- Trimester at enrollment
- Adjunct Eligibility

County of Residence

- Based on their street address
  - Not mailing address
- Allows the user to make one selection at a time



Race

- Allows the user to make one or more selections based on client race
- Multi-Racial vs. multiple race selections

Race

- ☐ American Indian or Alaskan Native
- ☐ Asian
- ☐ Black or African American
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ White
- ☐ Multi-Racial

Risk Code

- Allows the user to make up to 10 choices
- Risk codes must be separated by a comma and wont include a decimal (i.e. 201.01 should be written as 20101)
  - If a comma isn't used, that value will be skipped
- Invalid risk codes will be skipped

Risk Factor
(Enter up to 10, 5-digit risk codes with no decimal to include in the query; separated by a comma)

Trimester at Enrollment into WIC

- Selects clients based on their trimester during their current enrollment into WIC
  - Based on calculation from LMP and EDD to determine weeks of pregnancy at enrollment
- Includes all WIC categories, not just PGs
- Clients will appear in only one selection

Mother's Trimester of Enrollment into WIC

☐ 1st Trimester ☐ 3rd Trimester
☐ 2nd Trimester ☐ Post-Partum

Adjunct Eligibility

- Identifies clients based on their verified adjunct eligibility status
- Each adjunct eligibility type is independent
  - Medicaid
  - Food Stamps
  - FIP
- Includes option for general adjunct eligibility

Client Adjunct Eligibility (Medicaid)	○ Yes ○ No
Client Adjunct Eligibility (Food Stamps)	○ Yes ○ No
Client Adjunct Eligibility (FIP)	○ Yes ○ No
Client is Adjunctly Eligible	○ Yes ○ No

Walkthroughs

Mailing Labels

- Mailing labels for all moms who enrolled in WIC as a post-partum only.

Search - Microsoft Internet Explorer

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- Add Complaint
- Appeals and Fair Hearings
- Authorized Vendors
- Communications
- Compliance Investigations
- Formula Calculator
- Images
- NE Plan/ VOC
- Notes and Alerts
- Pre-defined Reports
- RD Approval Queue
- Resolve CSFP Dual Enrollment
- Resolve Dual Enrollment
- Sanctions
- Scan
- Signature
- Special Population Issuance
- Survey
- Time Study Entry
- Transfers Out of State

Pre-defined Reports

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Scope
Local Agency | State | Clinic

Name

Search

Search By
Client
Authorized Person

ID
Last Nam
OR

Advanced Search
Soundex | Certified Only
Birth Date
Find

Last Name	First Name	I	Birth Da	BVT Date	Cert Start	Cert End	Ter

Print List | Print Labels

Make Active | Transfer In State | Cancel

Version: 4.7.0.7

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MI-WIC
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Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Thursday 4/14/2011

Active Record

Scheduling Tasks
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Logoff

Please select the type of report you would like to run.

- (•) Address Labels
- ( ) Client Listings
- ( ) Frequency Table

Please select the Organization Level for your report.

- ( ) State
- (•) Local Agency 200000 Compliance LA
- ( ) Clinic

Cancel →

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Active Record

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Client Care
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Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County

Race
- American Indian or Alaskan Native
- Asian
- Black or African American
- Native Hawaiian or Other Pacific Islander
- White
- Multi-Racial

Ethnicity (Arabic) Yes No

Ethnicity (Hispanic/Latino) Yes No

1 2 3

Start Over Summary Cancel →

Version: 4.7.0.7

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Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Thursday 4/14/2011

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Client's Attained Education

- ☐ None or Kindergarten only
- ☐ 1st grade
- ☐ 2nd grade
- ☐ 3rd grade
- ☐ 4th grade
- ☐ 5th grade
- ☐ 6th grade
- ☐ 7th grade
- ☐ 8th grade
- ☐ 9th grade
- ☐ 10th grade
- ☐ 11th grade
- ☐ 12th grade or GED equivalent
- ☐ 1 year of college
- ☐ 2 years of college
- ☐ 3 years of college
- ☐ 4 or 5 years of college
- ☐ 1 year of graduate school
- ☐ 2 or more years of graduate school
- ☐ Not Applicable
- ☐ Unknown

High Risk

○ Only high risk clients ○ No high risk clients

Risk Factor
(Enter up to 10, 5-digit risk codes with no decimal to include in the query; separated by a comma)

Age of Client

○ Years ○ Months Between _____ And _____

1 2 3

Start Over Summary Cancel →

Version: 4.7.0.7

SCHNEIDERR1 200000 Compliance LA miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Thursday 4/14/2011

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- ☐ 1st Trimester
- ☐ 3rd Trimester
- ☐ 2nd Trimester
- ☐ Post-Partum

WIC Client Category
- ☐ BE Woman BF Exclusively
- ☐ IBE Infant BF Exclusively
- ☐ BP Woman BF Partially
- ☐ IBP Infant BF Partially
- ☐ C1 Child Age 1
- ☐ IFF Infant Formula Fed
- ☐ C2 Child Age 2
- ☐ PG Woman Pregnant
- ☐ C3 Child Age 3
- ☐ NPP Non-Lactating Post-Partum
- ☐ C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over Summary Cancel →

Version: 4.7.0.7

SCHNEIDERR1 200000 Compliance LA miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Thursday 4/14/2011

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- [ ] 1st Trimester
- [ ] 3rd Trimester
- [ ] 2nd Trimester
- [x] Post-Partum

WIC Client Category
- [ ] BE Woman BF Exclusively
- [ ] IBE Infant BF Exclusively
- [ ] BP Woman BF Partially
- [ ] IBP Infant BF Partially
- [ ] C1 Child Age 1
- [ ] IFF Infant Formula Fed
- [ ] C2 Child Age 2
- [ ] PG Woman Pregnant
- [ ] C3 Child Age 3
- [ ] NPP Non-Lactating Post-Partum
- [ ] C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over Summary Cancel →

Version: 4.7.0.7

SCHNEIDERR1 200000 Compliance LA miwicp

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Thursday 4/14/2011

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Address Labels

Organization Level: Local Agency (200000 Compliance LA)

Output Characteristics:

Filters:

Name	Values
Mother's Trimester of Enrollment into WIC:	Post-Partum

Title for Report*: Labels for Post Partum Enrollees

Display Report Criteria? ☐ Yes

1 2 3

Start Over Cancel Submit

https://sso.state.mi.us/dch-miwicprod/reports/rwservlet?miwicp&report=c:\reports\Clinic\RPT_Pri - Microsoft Internet Explorer

1 / 1 102% Sign Find

7616405

Marcy Jones
300 Michigan Ave
Lansing, MI 48913

9291687

Bp Release 4.6
23123 haslett rd
Haslett, MI 48840

9272782

Linda Preston
5290 Peck Lake Road
Saranac, MI 48881

9118926

Food Test1
123 MAIN STREET
Hubbard Lake, MI 49747

9273701

Food Package Testing
1
Barton City, MI 48705

9253156

Laurie2 Release 4.5
222 Mian
Haslett, MI 48840

9319244

Bp Rel4.7
123 main st
Haslett, MI 48840

9319239

Terri Testerri
324 Smith Ave
Milan, MI 48160

9276366

Bpibp Testing
1
Barton City, MI 48705

9319241

Laurie Release 4.7
111 Main
Haslett, MI 48840

9253151

Family Rel4.5
123 main st,
Haslett, MI 48840

Listing Report

- Children assigned Risk Code 113 or 114 along with their Race

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Thursday 4/14/2011

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- (•) Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- (•) Local Agency 200000 Compliance LA
- Clinic

Cancel →

Version: 4.7.0.7

SCHNEIDERR1 200000 Compliance LA miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Thursday 4/14/2011

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County

Race
- American Indian or Alaskan Native
- Asian
- Black or African American
- Native Hawaiian or Other Pacific Islander
- White
- Multi-Racial

Ethnicity (Arabic) Yes No

Ethnicity (Hispanic/Latino) Yes No

1 2 3

Start Over Summary Cancel →

Version: 4.7.0.7

SCHNEIDERR1 200000 Compliance LA miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Thursday 4/14/2011

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County

Race

- [x] American Indian or Alaskan Native
- [x] Asian
- [x] Black or African American
- [x] Native Hawaiian or Other Pacific Islander
- [x] White
- [x] Multi-Racial

Ethnicity (Arabic) ○ Yes ○ No

Ethnicity (Hispanic/Latino) ○ Yes ○ No

1 2 3

Start Over Summary Cancel →

Version: 4.7.0.7

SCHNEIDERR1 200000 Compliance LA miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Thursday 4/14/2011

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Client's Attained Education

- ☐ None or Kindergarten only
- ☐ 1st grade
- ☐ 2nd grade
- ☐ 3rd grade
- ☐ 4th grade
- ☐ 5th grade
- ☐ 6th grade
- ☐ 7th grade
- ☐ 8th grade
- ☐ 9th grade
- ☐ 10th grade
- ☐ 11th grade
- ☐ 12th grade or GED equivalent
- ☐ 1 year of college
- ☐ 2 years of college
- ☐ 3 years of college
- ☐ 4 or 5 years of college
- ☐ 1 year of graduate school
- ☐ 2 or more years of graduate school
- ☐ Not Applicable
- ☐ Unknown

High Risk

○ Only high risk clients ○ No high risk clients

Risk Factor
(Enter up to 10, 5-digit risk codes with no decimal to include in the query; separated by a comma)

Age of Client

○ Years ○ Months Between _____ And _____

1 2 3

Start Over Summary Cancel →

Version: 4.7.0.7

SCHNEIDERR1 200000 Compliance LA miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Thursday 4/14/2011

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Client's Attained Education

- ☐ None or Kindergarten only
- ☐ 1st grade
- ☐ 2nd grade
- ☐ 3rd grade
- ☐ 4th grade
- ☐ 5th grade
- ☐ 6th grade
- ☐ 7th grade
- ☐ 8th grade
- ☐ 9th grade
- ☐ 10th grade
- ☐ 11th grade
- ☐ 12th grade or GED equivalent
- ☐ 1 year of college
- ☐ 2 years of college
- ☐ 3 years of college
- ☐ 4 or 5 years of college
- ☐ 1 year of graduate school
- ☐ 2 or more years of graduate school
- ☐ Not Applicable
- ☐ Unknown

High Risk

○ Only high risk clients ○ No high risk clients

Risk Factor
(Enter up to 10, 5-digit risk codes with no decimal to include in the query; separated by a comma)

11301, 11401

Age of Client

○ Years ○ Months Between _____ And _____

1 2 3

Start Over Summary Cancel →

Version: 4.7.0.7

SCHNEIDERR1 200000 Compliance LA miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Thursday 4/14/2011

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- ☐ 1st Trimester
- ☐ 3rd Trimester
- ☐ 2nd Trimester
- ☐ Post-Partum

WIC Client Category
- ☐ BE Woman BF Exclusively
- ☐ IBE Infant BF Exclusively
- ☐ BP Woman BF Partially
- ☐ IBP Infant BF Partially
- ☐ C1 Child Age 1
- ☐ IFF Infant Formula Fed
- ☐ C2 Child Age 2
- ☐ PG Woman Pregnant
- ☐ C3 Child Age 3
- ☐ NPP Non-Lactating Post-Partum
- ☐ C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over Summary Cancel →

Version: 4.7.0.7

SCHNEIDERR1 200000 Compliance LA miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Thursday 4/14/2011

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- [ ] 1st Trimester
- [ ] 3rd Trimester
- [ ] 2nd Trimester
- [ ] Post-Partum

WIC Client Category
- [ ] BE Woman BF Exclusively
- [ ] IBE Infant BF Exclusively
- [ ] BP Woman BF Partially
- [ ] IBP Infant BF Partially
- [x] C1 Child Age 1
- [ ] IFF Infant Formula Fed
- [x] C2 Child Age 2
- [ ] PG Woman Pregnant
- [x] C3 Child Age 3
- [ ] NPP Non-Lactating Post-Partum
- [x] C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.7.0.7

SCHNEIDERR1 | 200000 Compliance LA | miwicp

MI-WIC
Management Information
Michigan WIC

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Client Listings

Organization Level: Local Agency (200000 Compliance LA)

Output Characteristics:

Filters:

Name	Values
Race:	American Indian or Alaskan Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, White, Multi-Racial
Risk Factor:	11301, 11401
WIC Client Category:	C1 Child Age 1, C2 Child Age 2, C3 Child Age 3, C4 Child Age 4

Title for Report*: Children's Race with 113 and 114 Risk Code

Display Report Criteria? ☑ Yes

1 2 3

Start Over Cancel Submit

https://sso.state.mi.us/dch-miwicprod/reports/rwservlet?miwicp&report=c:\reports\Clinic\RPT_Pre - Microsoft Internet Explorer

Children's Race with 113 and 114 Risk Code

Date Generated: 04/14/2011

LA/Clinic	Client ID	First Name	Last Name	Current Client Category	Race	Risk Factor
200101	300605212	STEVE	ALBERT	C3	White	11301
200101	300605217	BOB A	EBT EVANS	C4	White	11301
200101	300605333	JEFF	JORDAN	C3	Multi-Racial	11301
200101	300605342	MARY	MAY	C3	Multi-Racial	11301
200101	300605479	FRANK	JORDAN	C2	Multi-Racial	11301
200101	300605484	RYANNE	HEART	C3	White	11301
200101	300605498	MAY	MAY	C3	Multi-Racial	11301
200101	300605545	JEFF	JAMES	C4	Multi-Racial	11301
200101	300605609	HEARTY	HEART	C4	Multi-Racial	11301
200101	300605623	JORDY	JORDAN	C3	Multi-Racial	11301
200101	300605655	BILL A	EBT EVANS	C2	Multi-Racial	11301
200101	300605683	QUINN	BECK	C3	Multi-Racial	11301
200101	300605749	JAY	JORDAN	C3	Multi-Racial	11301
200101	300605901	RANDY	DOUGLAS	C3	Multi-Racial	11301
200101	300605947	MELBA	BURST	C3	White	11401
200101	300605979	GINGER	PEPSI	C4	White	11401
200101	300845554	Edward	Testerri	C4	Multi-Racial	11401
200101	300845564	c3	rel4.7	C3	Black or African American	11301
200101	300845565	C2	Rel4.7	C2	Asian	11301

Note: Report only shows currently active enrollees.

Frequency Report

- What is the trimester of enrollment for our BE and BP moms?

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Thursday 4/14/2011

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- ○ Address Labels
- ○ Client Listings
- ◉ Frequency Table

Please select the Organization Level for your report.

- ○ State
- ◉ Local Agency 200000 Compliance LA
- ○ Clinic

Cancel →

Version: 4.7.0.7

SCHNEIDERR1 200000 Compliance LA miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Thursday 4/14/2011

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the output characteristics for the report.

Major Characteristics

- ○ Breastfeeding Initiation
- ○ Breastfeeding Duration
- ○ Breastfeeding Exclusivity
- ○ Risk Code
- ○ Assigned Formula
- ○ Food Package

Minor Characteristics

- ☐ WIC Client Category
- ☐ Race
- ☐ Ethnicity (Arabic)
- ☐ Ethnicity (Hispanic)
- ☐ Zip Code of Residence
- ☐ Age of Client in Months
- ☐ Age of Client in Years
- ☐ County of Residence
- ☐ Client's Attained Education
- ☑ Trimester at WIC Enrollment
- ☐ Annual Family Income
- ☐ High Risk Flag

Start Over Cancel →

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Thursday 4/14/2011

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County

Race
- ☐ American Indian or Alaskan Native
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ Asian
- ☐ White
- ☐ Black or African American
- ☐ Multi-Racial

Ethnicity (Arabic) ○ Yes ○ No

Ethnicity (Hispanic/Latino) ○ Yes ○ No

1 2 3

Start Over Summary Cancel →

Version: 4.7.0.7

SCHNEIDERR1 200000 Compliance LA miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Thursday 4/14/2011

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- [ ] 1st Trimester
- [ ] 3rd Trimester
- [ ] 2nd Trimester
- [ ] Post-Partum

WIC Client Category
- [x] BE Woman BF Exclusively
- [ ] IBE Infant BF Exclusively
- [x] BP Woman BF Partially
- [ ] IBP Infant BF Partially
- [ ] C1 Child Age 1
- [ ] IFF Infant Formula Fed
- [ ] C2 Child Age 2
- [ ] PG Woman Pregnant
- [ ] C3 Child Age 3
- [ ] NPP Non-Lactating Post-Partum
- [ ] C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over Summary Cancel →

Version: 4.7.0.7

SCHNEIDERR1 200000 Compliance LA miwicp

MI-WIC
Management Information
Michigan WIC

Active Record

Summary

Report Type: Frequency Table

Organization Level: Local Agency (200000 Compliance LA)

Output Characteristics: Trimester at WIC Enrollment

Filters:

Name	Values
WIC Client Category:	BE Woman BF Exclusively, BP Woman BF Partially

Title for Report*: Trimester of enrollment for BE and BP moms

Display Report Criteria? ☑ Yes

https://sso.state.mi.us/dch-miwicprod/reports/rwservlet?miwicp&report=c:\reports\Clinic\RPT_Pre - Microsoft Internet Explorer

Trimester of enrollment for BE and BP moms

Date Generated: 04/14/2011

Trimester at WIC Enrollment	*Frequency*	Percentage %
Post-Partum	10	71.43
1st Trimester	4	28.57
Total	**14**	

Quiz Time !

Who's in my report?

Medicaid = No

Food Stamps = Yes

- Clients who have a verified adjunct eligibility for Foods Stamps is yes and a verified adjunct eligibility for Medicaid is no

Who's in my report? (cont.)

- County of Residence = Wayne
- Clinic = Pontiac-Oakland County Health

- Clients who have a street address in Wayne County and attend the Pontiac-Oakland County Health clinic

Who's in my report? (cont.)

- Selected WIC Client Category from output characteristics
- Selected C1 and C2 from filter criteria

- The report will only include clients who are a C1 or a C2
  - Only lines which will show in the report

Who's in my report? (cont.)

- Client category = IFF
- Client education = 12th grade/GED

- Logically, no data would be returned

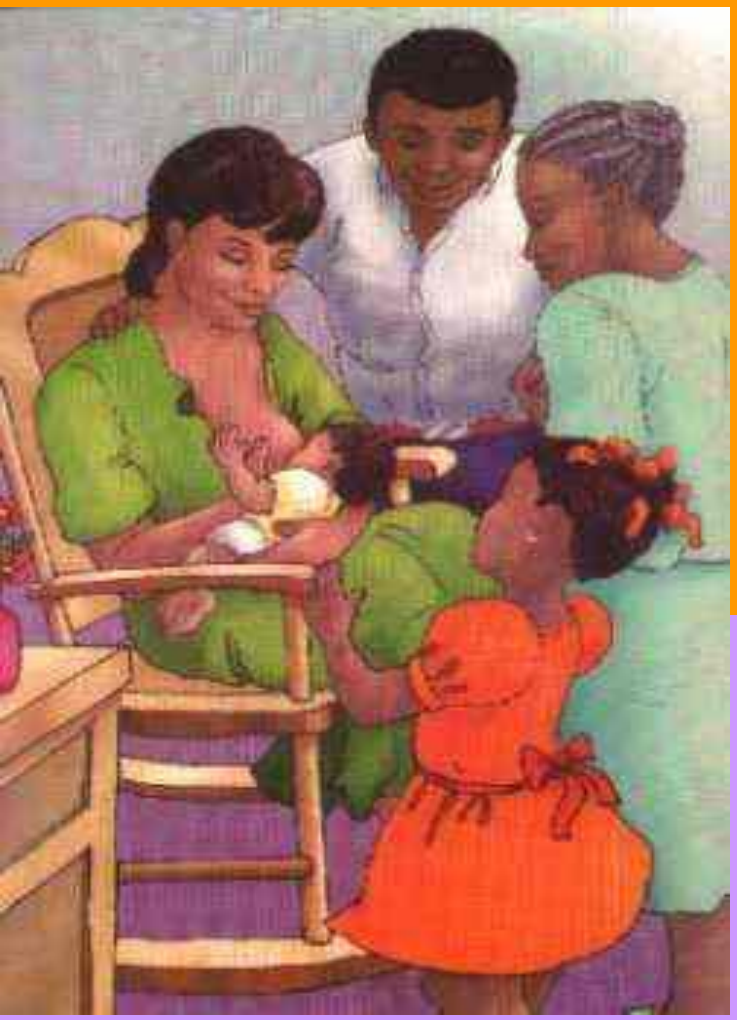
Proposed Next Steps

- Option to expand roles to non-WIC Coordinators
- Develop the Cross-tab report
- New Filters
  - Language
  - Migrant Status

Questions?

Still have questions or thought of something new?

- Rick Schneider
- 517-241-3595
- schneiderr1@michigan.gov



Breastfeeding .....

The Village Norm

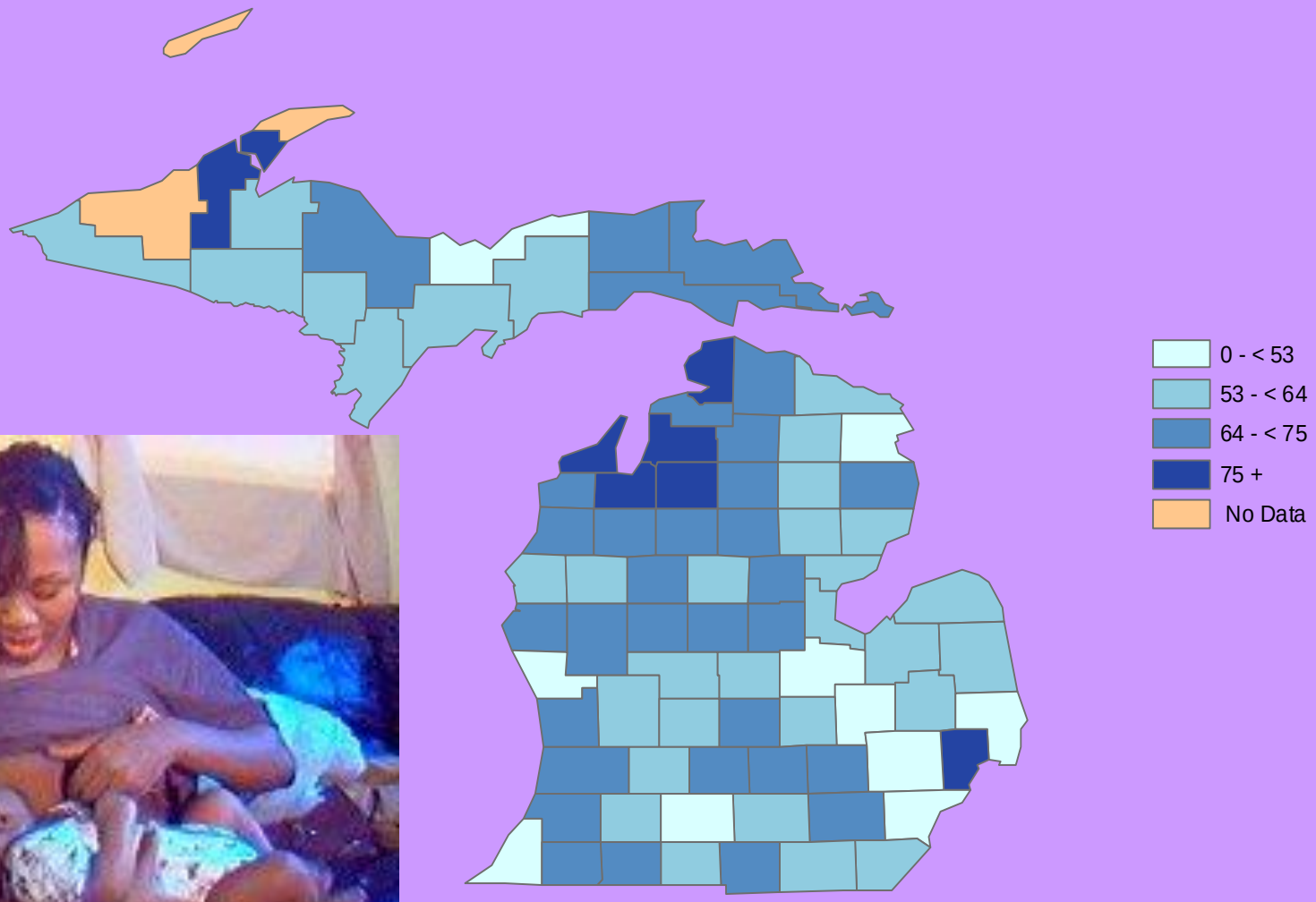
Kobra Eghtedary
Melissa Goodchild
Kate White
Helen Williams

WIC Coordinator, Fall 2011

MI-WIC Reports

- Production Reports
- AdHoc Reports
- Predefined Reports
- PNSS & PedNSS Reports

Percentage of infants ever breastfed*, by county

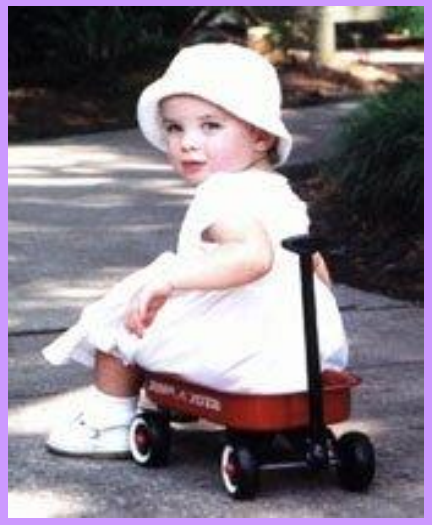


** Reported by mother at postpartum visit..*

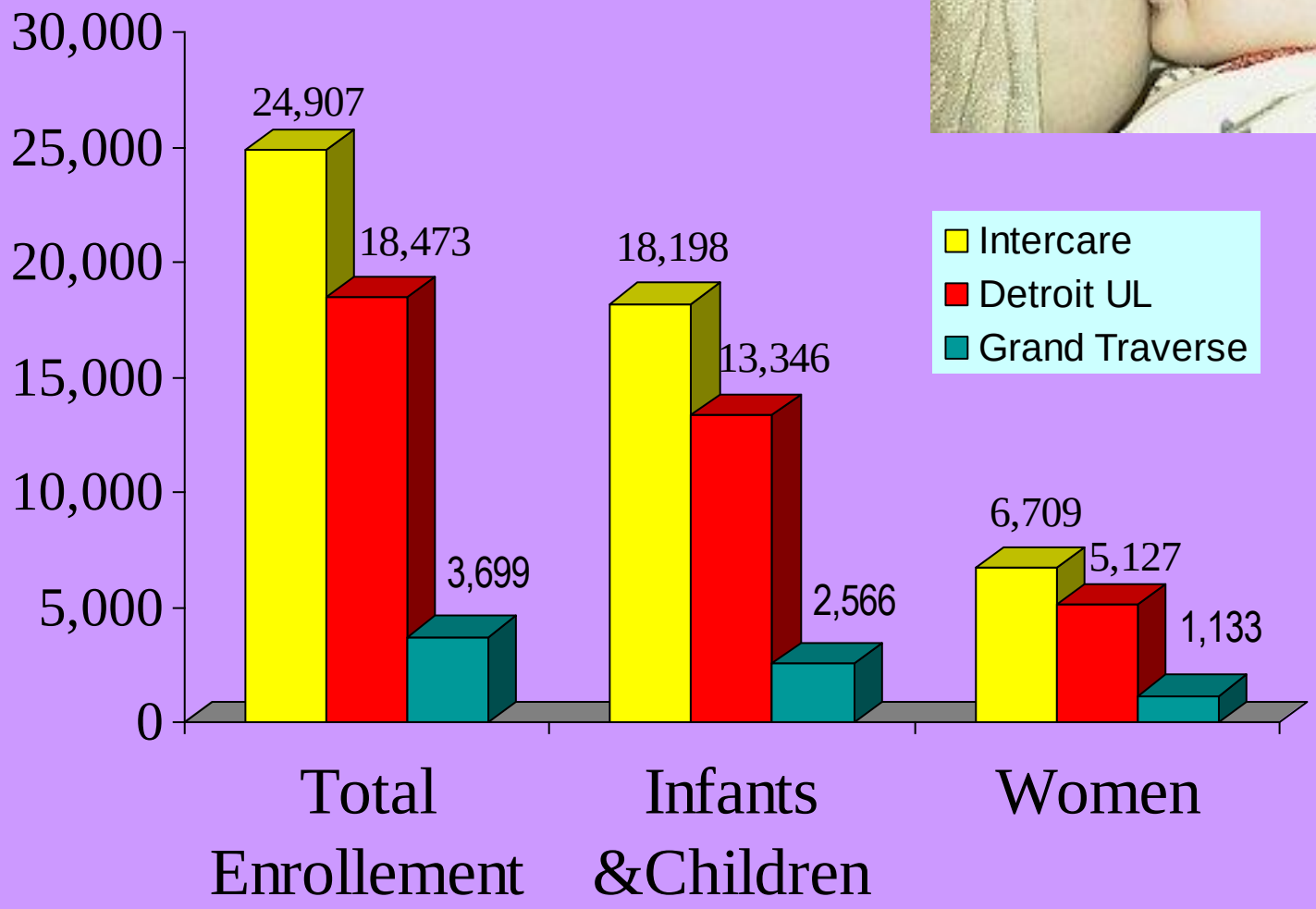
2008-2010 MI PNSS Table 8B

The Gatekeepers

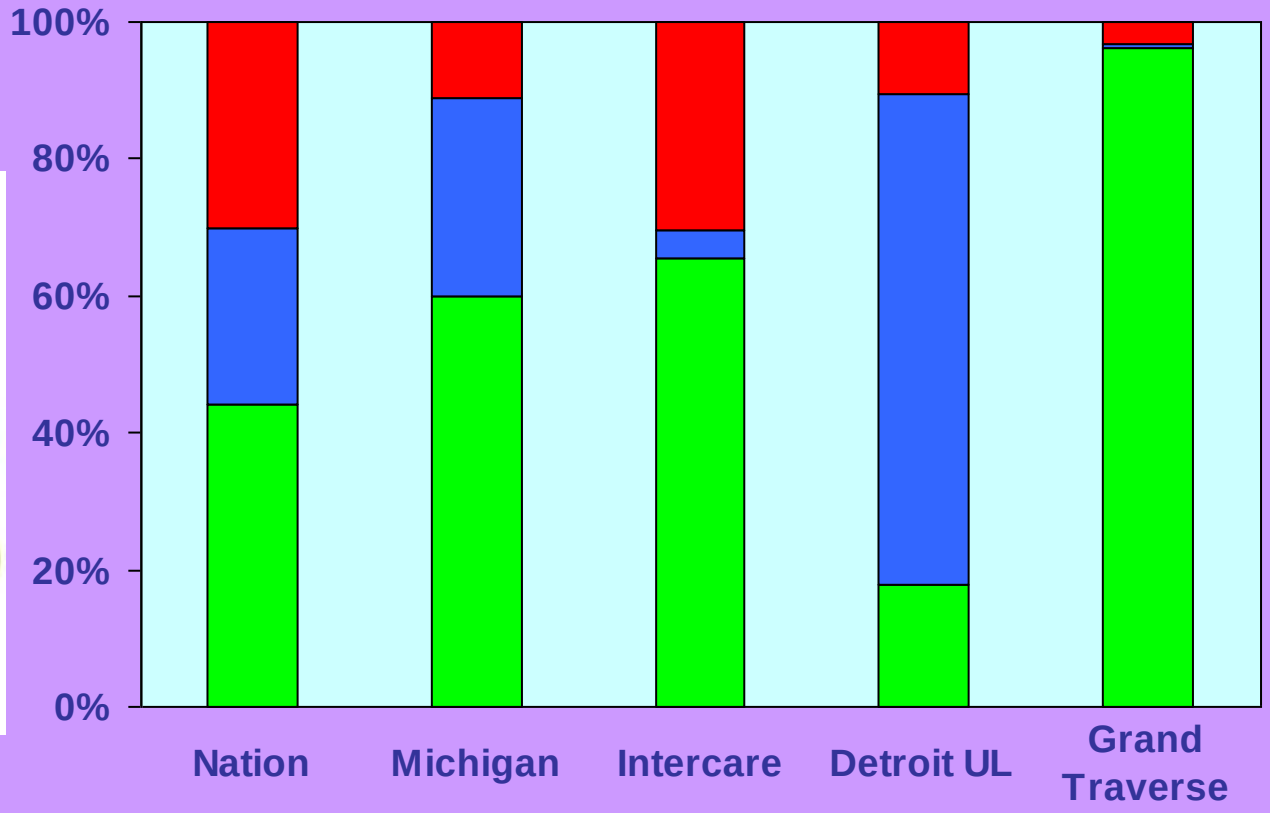
- Intercare Community Health Network
- Detroit Urban League
- Grand Traverse County Health Dept.



WIC Enrollment, 2010



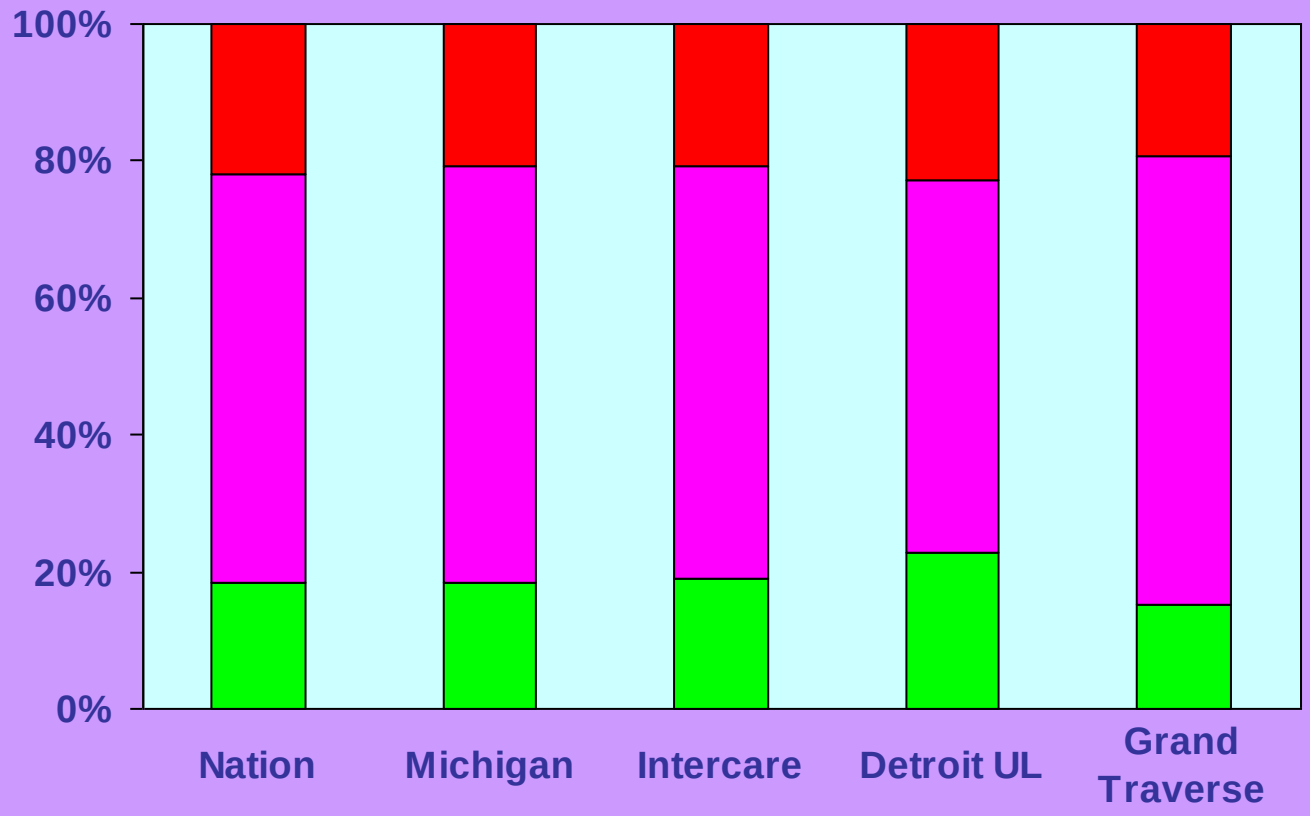
Profile of WIC Women, by Race/Ethnicity



	Nation	Michigan	Intercare	Detroit UL	Grand Traverse
Hispanic	28.3	10.4	28.4	10.2	3
Black	24.1	27.5	3.9	68.5	0.5
White	41.6	56.7	61.1	17	90.4

PNSS 2010

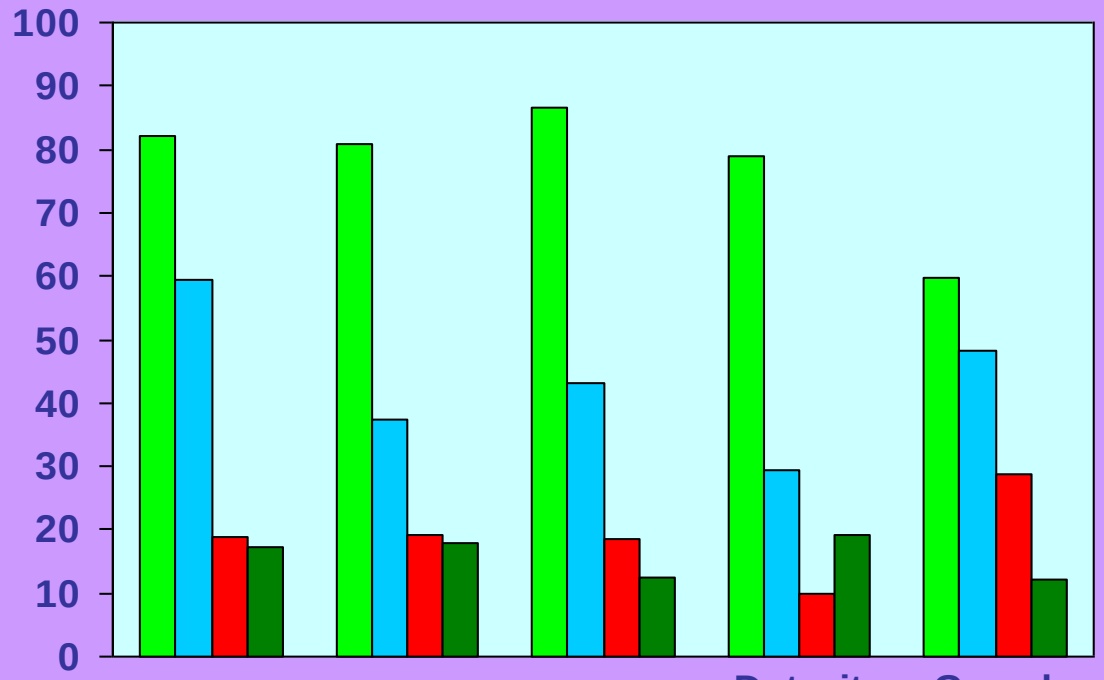
Profile of WIC Women, by Age



PNSS 2010

	Nation	Michigan	Intercare	Detroit UL	Grand Traverse
>30	21.9	20.6	20.7	22.9	19.4
20-29	59.4	60.5	60.1	54.2	65.8
<19	18.4	18.4	18.9	22.9	15.2

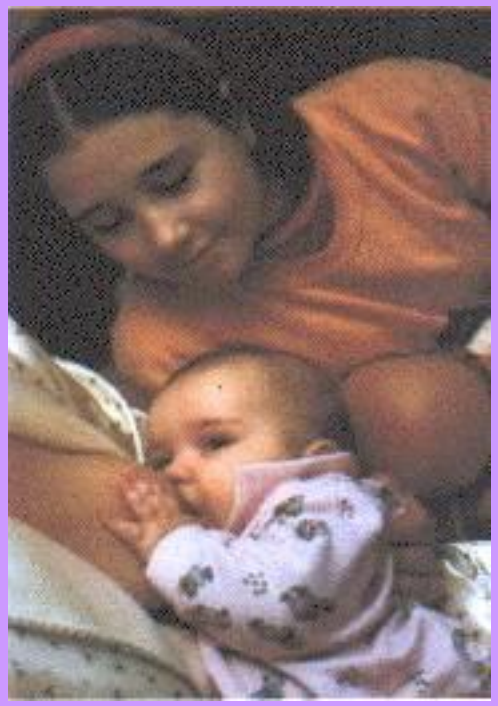
Health Behavior of WIC Women

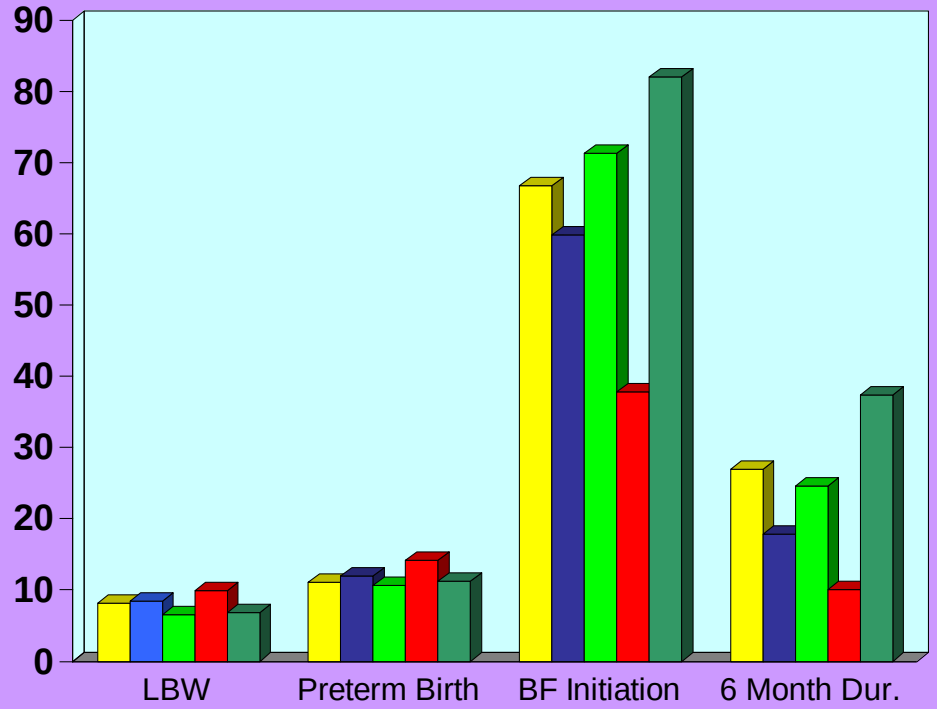


	Nation	Michigan	Intercare	Detroit UL	Grand Traverse
1st Tri. Care	82.2	80.9	86.5	78.8	59.9
1st Tri. WIC	59.4	37.5	43	29.5	48.2
Pre. P. Vit. Intake	18.7	19.1	18.6	9.9	28.8
Prenatal HH Smok	17.1	17.9	12.4	19.2	12.3

PNSS 2010

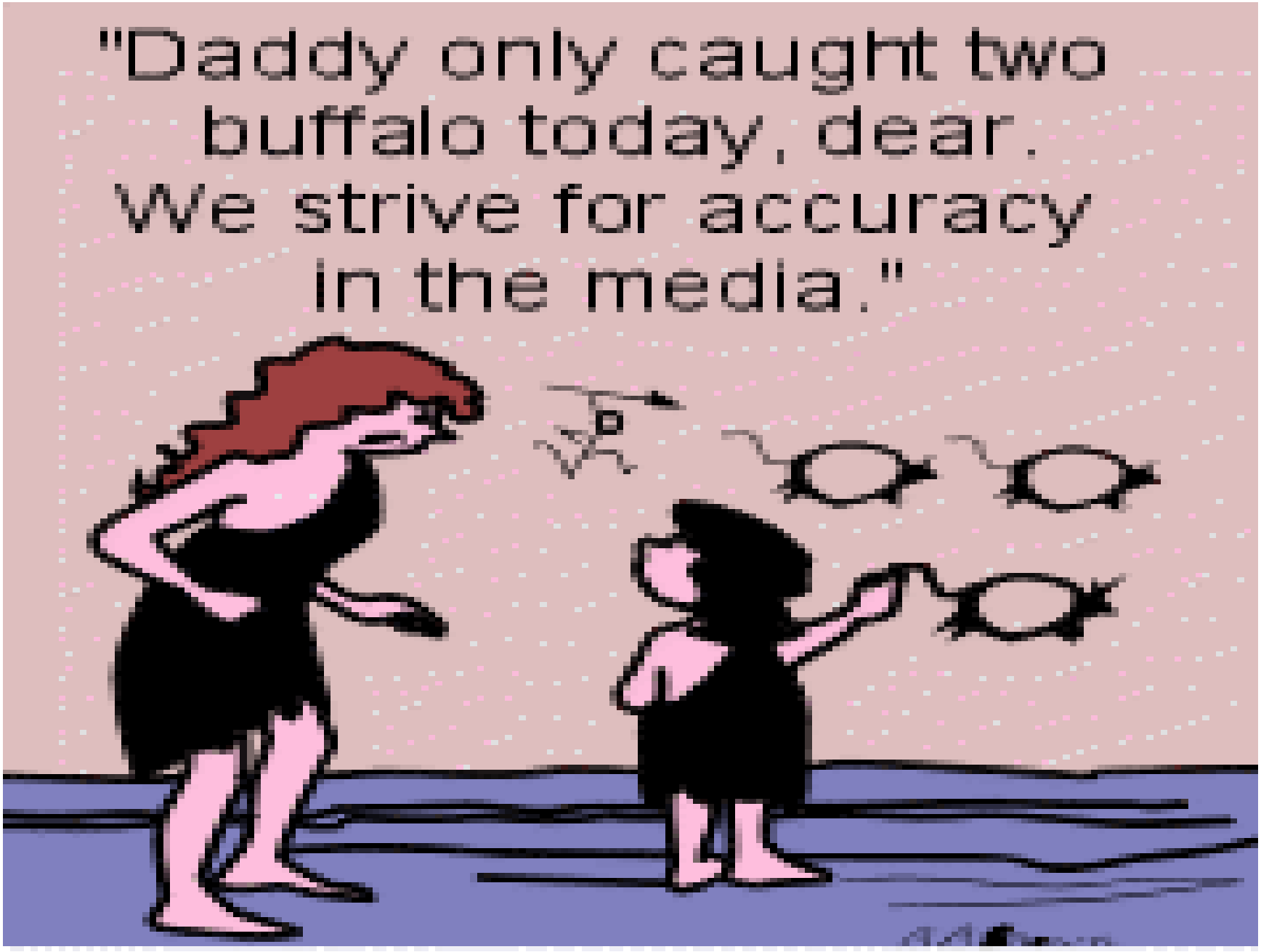
Health Outcome of WIC Women

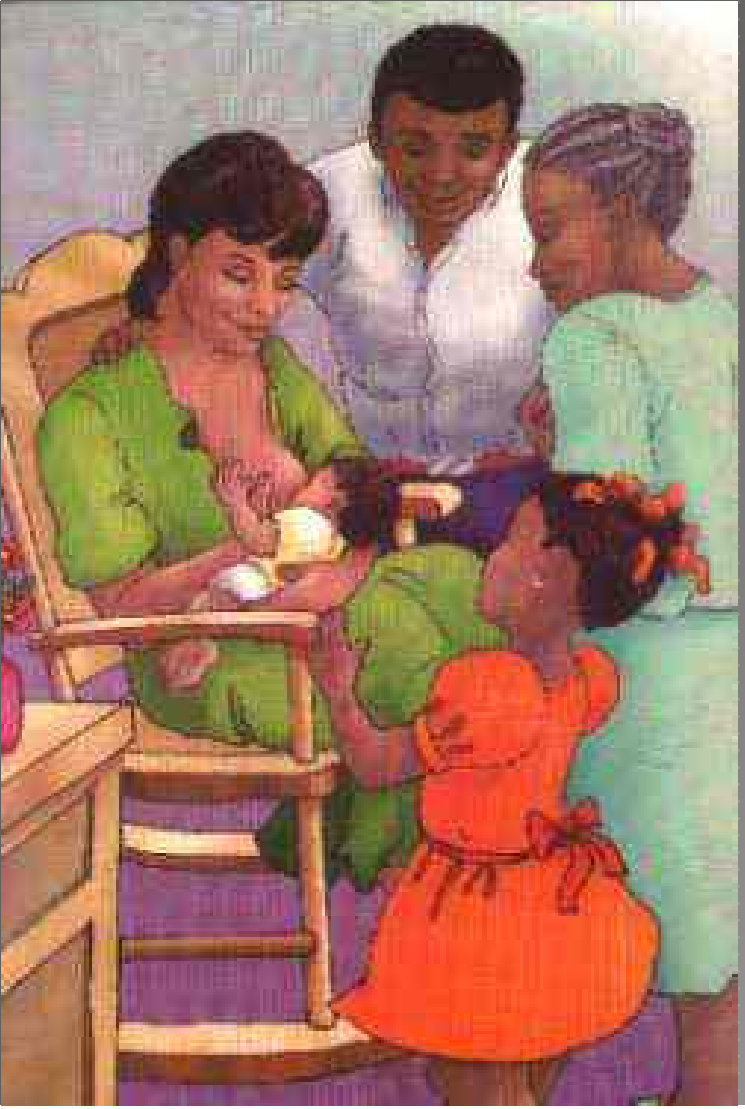




	LBW	Preterm Birth	BF Initiation	6 Month Dur.
Nation	8.2	11.1	66.7	27
Michigan	8.5	12	59.8	17.8
Intercare	6.6	10.7	71.3	24.6
Detroit UL	9.9	14.1	37.8	10.1
Grand Traverse	6.8	11.3	82	37.3

PNSS & PedNSS 2010


"Daddy only caught two buffalo today, dear. We strive for accuracy in the media."



Disparity & WIC Health Outcome

WIC Coordinator Conference, Fall 2014

Kobra Eghtedary, PhD
WIC Data, Research & System Management Director

Michigan WIC Five-year-plan

The Health Outcome Indicators

January 2014 To December 2018

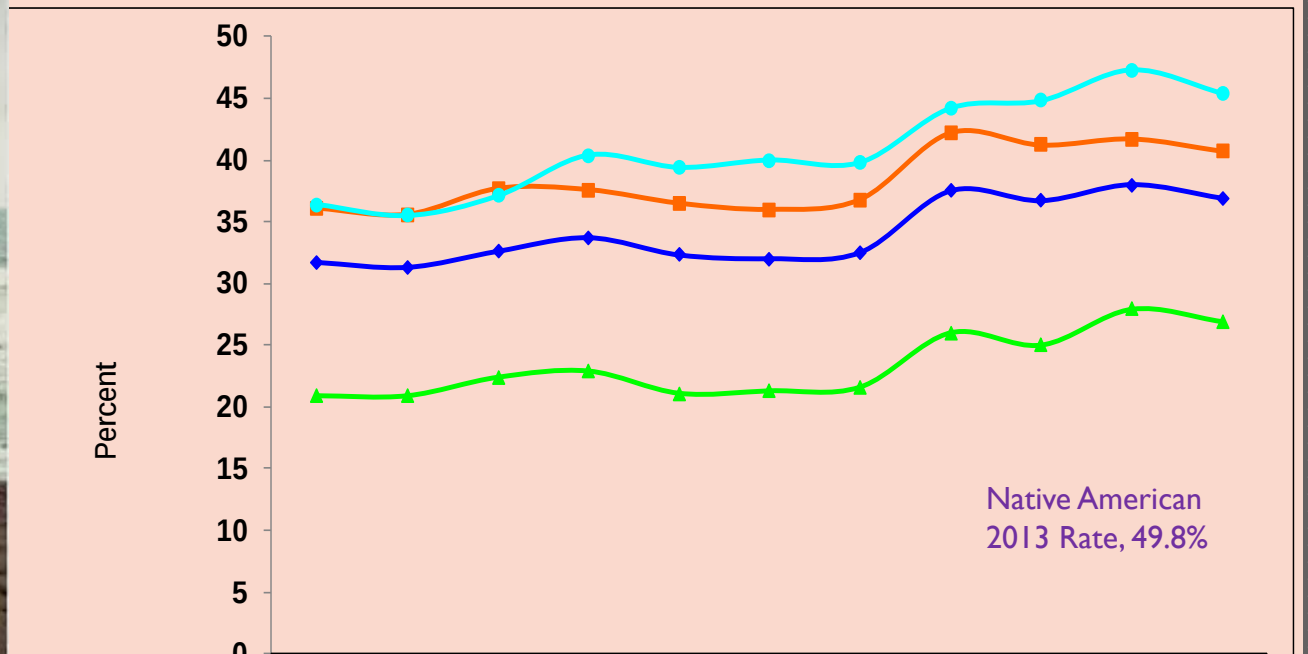
- Increase first trimester entry into the WIC program from 36.9% to 42.0%.
- Increase ideal prenatal weight gain from 30.7% to 33.5% among Michigan WIC mothers.
- Reduce the percent of low birth weight infants born to women enrolled in Michigan WIC from 8.7% to 8.0%.
- Increase breastfeeding initiation 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.

Deduplicated Enrollment by Race, FY 2014

12.5% of total deduplicated enrollees are Hispanic:
I/C 39,483
W 11,834
Total 51,317

Race	Category		Total	% Enrolled
	I/C	W		
White	178,799	77,777	256,576	62.1
Black or African American	81,766	33,267	115,033	27.9
Multi-Racial	26,971	4,613	31,584	7.6
Asian	5,080	2,444	7,524	1.8
American Indian/Alaskan Native	1,307	634	1,941	0.5
Native Hawaiian/Other Pacific Islander	169	106	275	0.1
Total	**294,092**	**118,841**	**412,933**	**100.0**

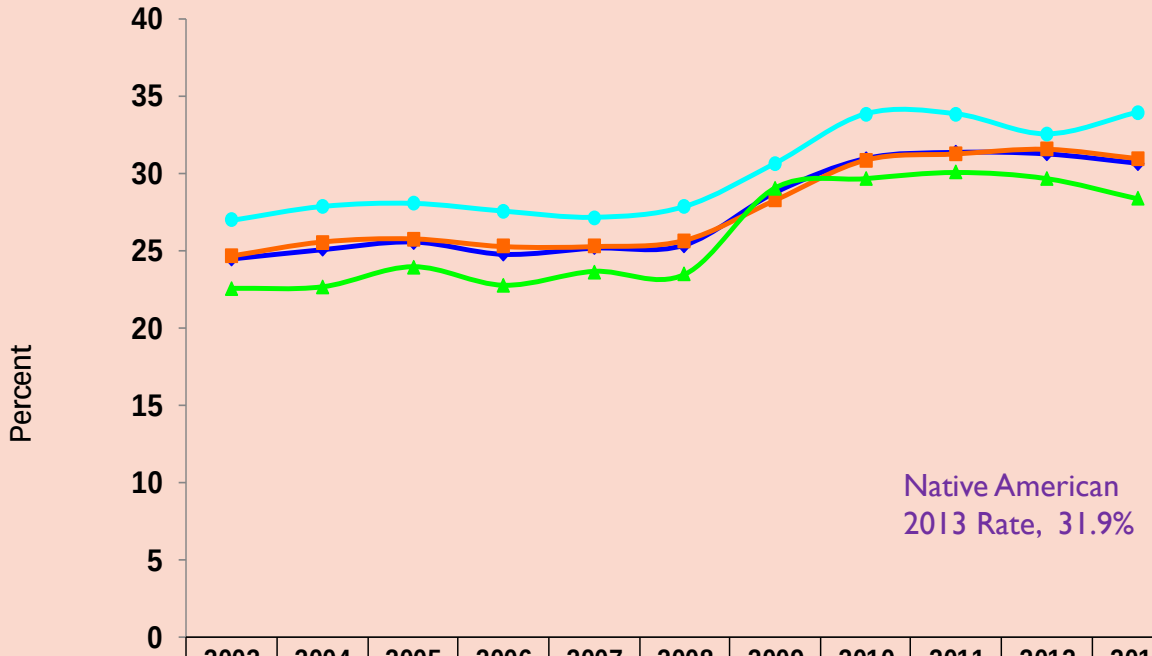
Trends in 1st Trimester Entry into WIC Program by Race/Ethnicity



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total	31.7	31.3	32.6	33.7	32.3	32	32.5	37.5	36.7	38	36.9
White	36.1	35.6	37.7	37.6	36.5	36	36.8	42.2	41.2	41.7	40.7
Black	20.9	20.9	22.4	22.9	21.1	21.3	21.6	26	25	27.9	26.9
Hispanic	36.4	35.5	37.1	40.4	39.4	40	39.8	44.2	44.8	47.3	45.4

PNSS 2013

Trends in Ideal Prenatal Weight Gain by Race/Ethnicity

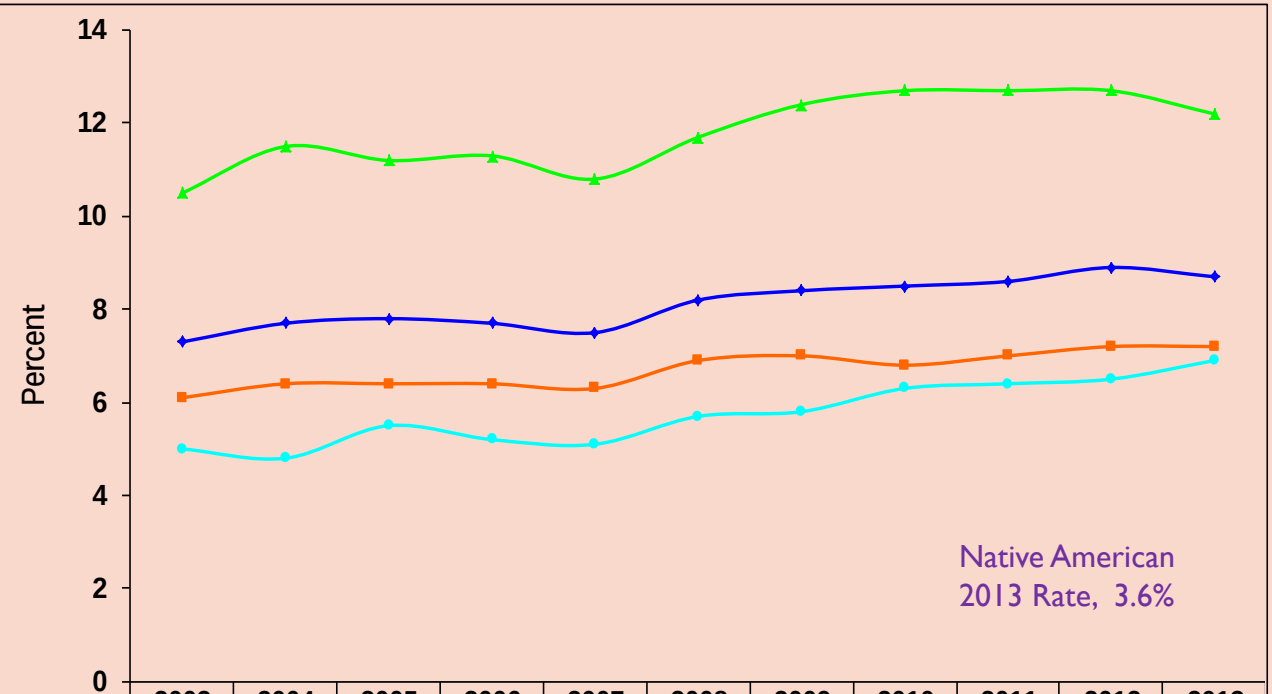


	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total	24.5	25.1	25.6	24.8	25.2	25.4	28.8	31	31.4	31.3	30.7
White	24.7	25.6	25.8	25.3	25.3	25.7	28.3	30.9	31.3	31.6	31
Black	22.6	22.7	24	22.8	23.7	23.5	29.1	29.7	30.1	29.7	28.4
Hispanic	27	27.9	28.1	27.6	27.2	27.9	30.7	33.9	33.9	32.6	34

PNSS 2013

Trends in Low Birth Weight by Race/Ethnicity

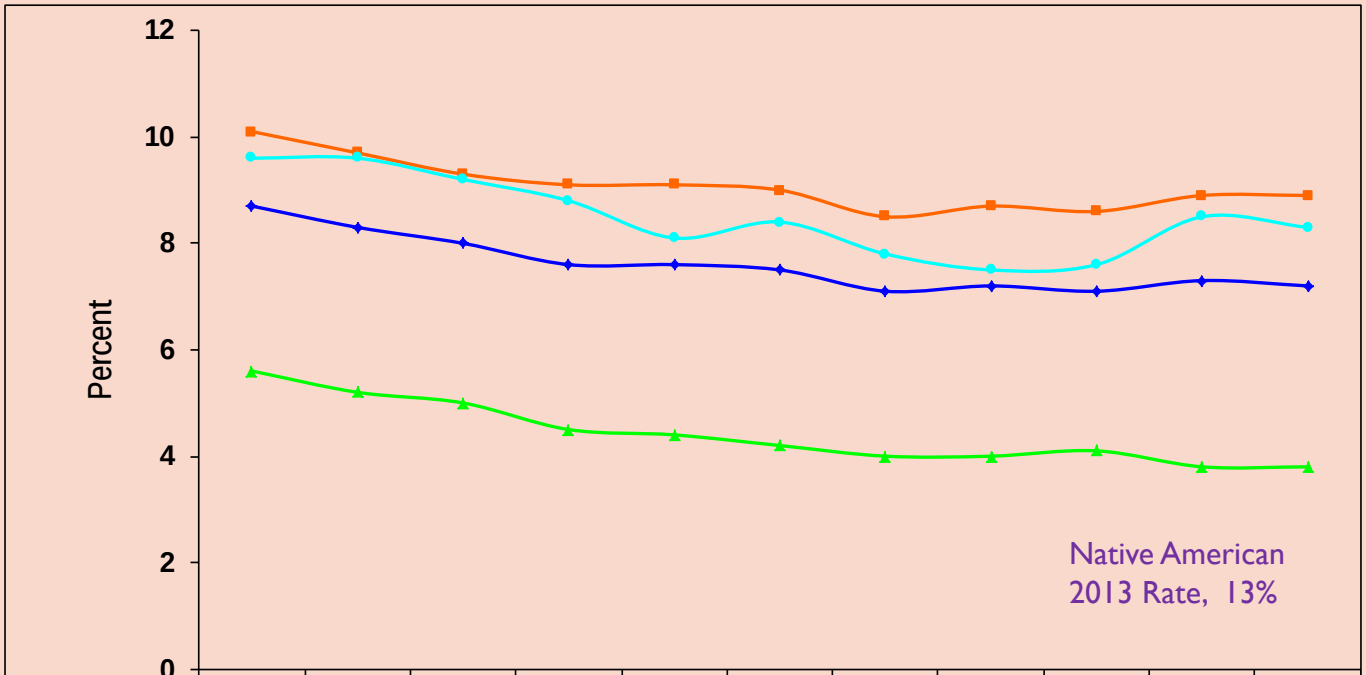
In 2012, approximately 15% of babies born worldwide (more than 20 million) had low birthweight (<2500 g). Subsequent complications included impaired immune function, higher risk for infant and childhood morbidity and mortality, and higher risk for diabetes and cardiovascular disease in adulthood.



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total	7.3	7.7	7.8	7.7	7.5	8.2	8.4	8.5	8.6	8.9	8.7
White	6.1	6.4	6.4	6.4	6.3	6.9	7	6.8	7	7.2	7.2
Black	10.5	11.5	11.2	11.3	10.8	11.7	12.4	12.7	12.7	12.7	12.2
Hispanic	5	4.8	5.5	5.2	5.1	5.7	5.8	6.3	6.4	6.5	6.9

PNSS 2013

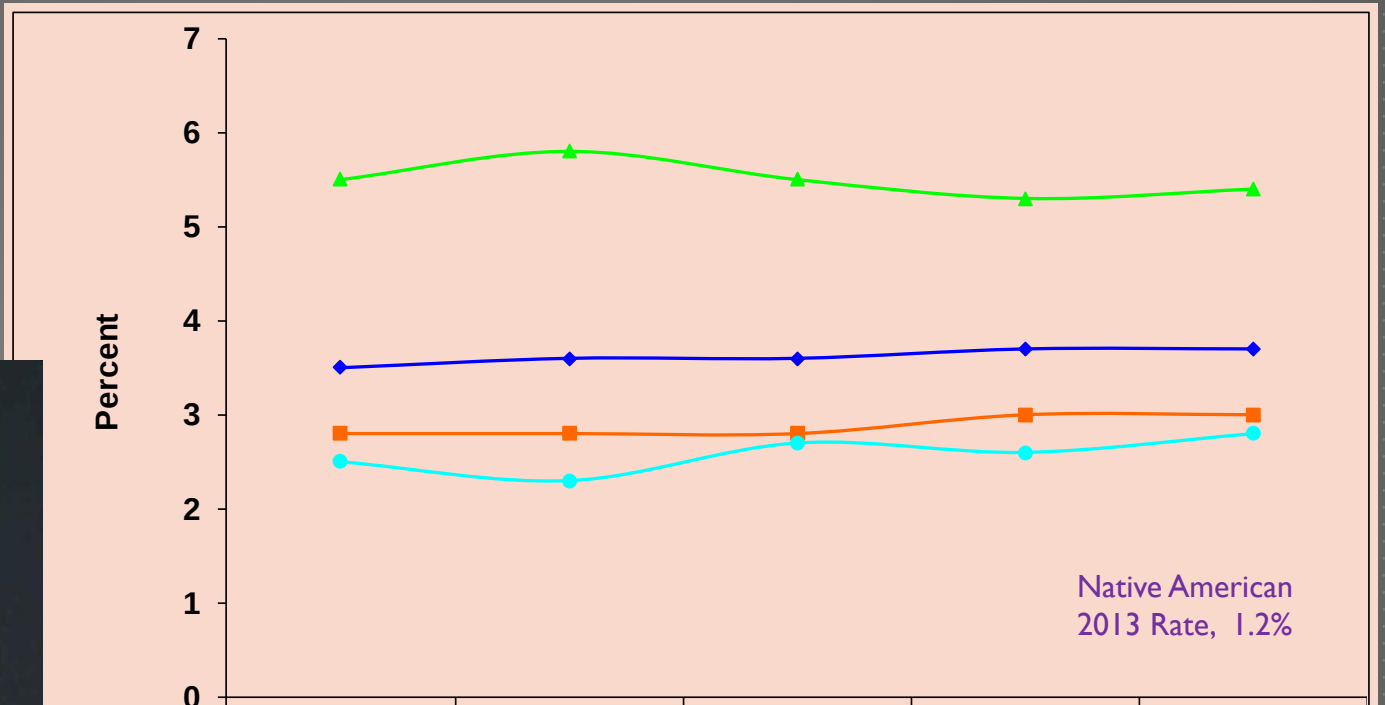
Trends in High Birth Weight by Race/Ethnicity



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total	8.7	8.3	8	7.6	7.6	7.5	7.1	7.2	7.1	7.3	7.2
White	10.1	9.7	9.3	9.1	9.1	9	8.5	8.7	8.6	8.9	8.9
Black	5.6	5.2	5	4.5	4.4	4.2	4	4	4.1	3.8	3.8
Hispanic	9.6	9.6	9.2	8.8	8.1	8.4	7.8	7.5	7.6	8.5	8.3

PNSS 2013

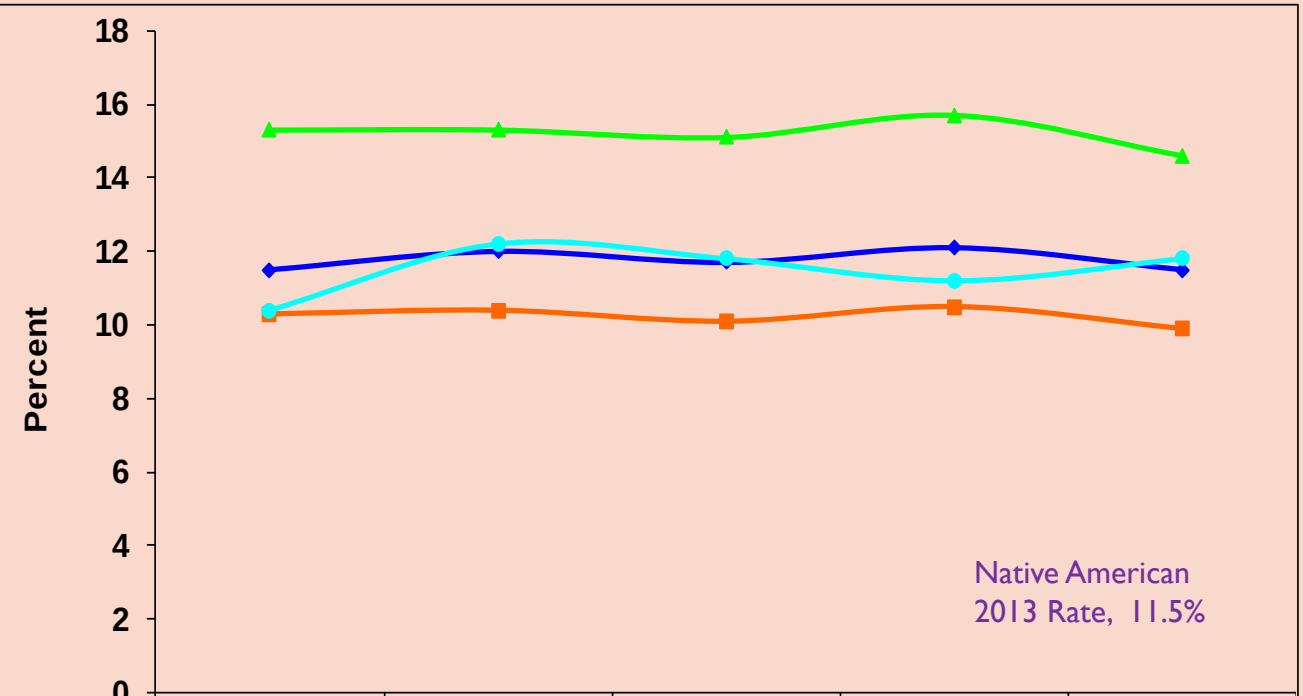
Trends in Full Term Low Birth Weight by Race / Ethnicity



	2009	2010	2011	2012	2013
Total	3.5	3.6	3.6	3.7	3.7
White	2.8	2.8	2.8	3	3
Black	5.5	5.8	5.5	5.3	5.4
Hispanic	2.5	2.3	2.7	2.6	2.8

PNSS 2013

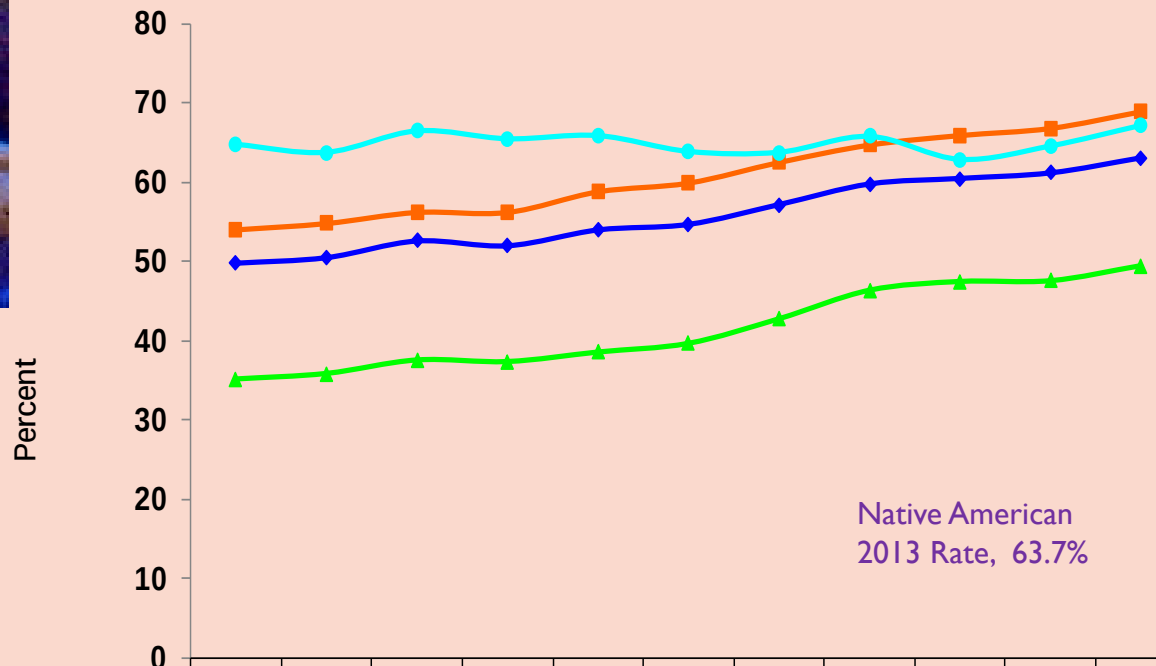
Trends in Premature Birth by Race/Ethnicity



	2009	2010	2011	2012	2013
Total	11.5	12	11.7	12.1	11.5
White	10.3	10.4	10.1	10.5	9.9
Black	15.3	15.3	15.1	15.7	14.6
Hispanic	10.4	12.2	11.8	11.2	11.8

PNSS 2013

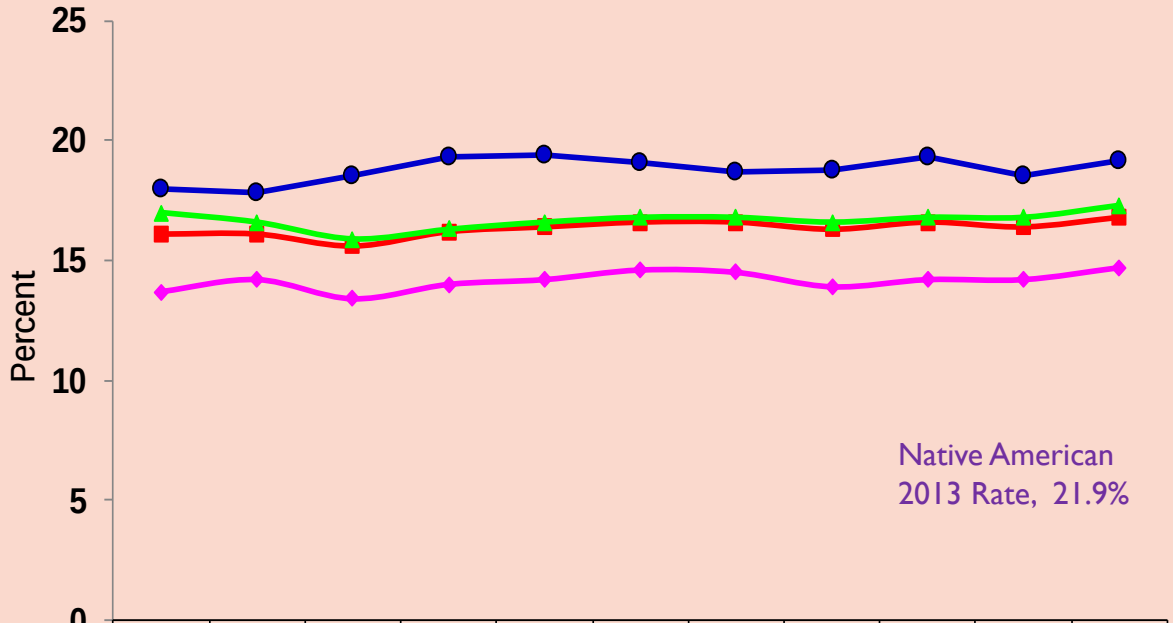
Trends in Breastfeeding Initiation by Race/Ethnicity



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total	49.8	50.5	52.6	52	54	54.7	57.2	59.8	60.5	61.2	63.1
White	54	54.8	56.2	56.2	58.8	59.9	62.5	64.7	65.9	66.8	68.9
Black	35.2	35.9	37.6	37.4	38.6	39.7	42.8	46.4	47.5	47.6	49.5
Hispanic	64.8	63.8	66.5	65.5	65.9	63.9	63.8	65.8	62.9	64.6	67.2

PNSS 2013

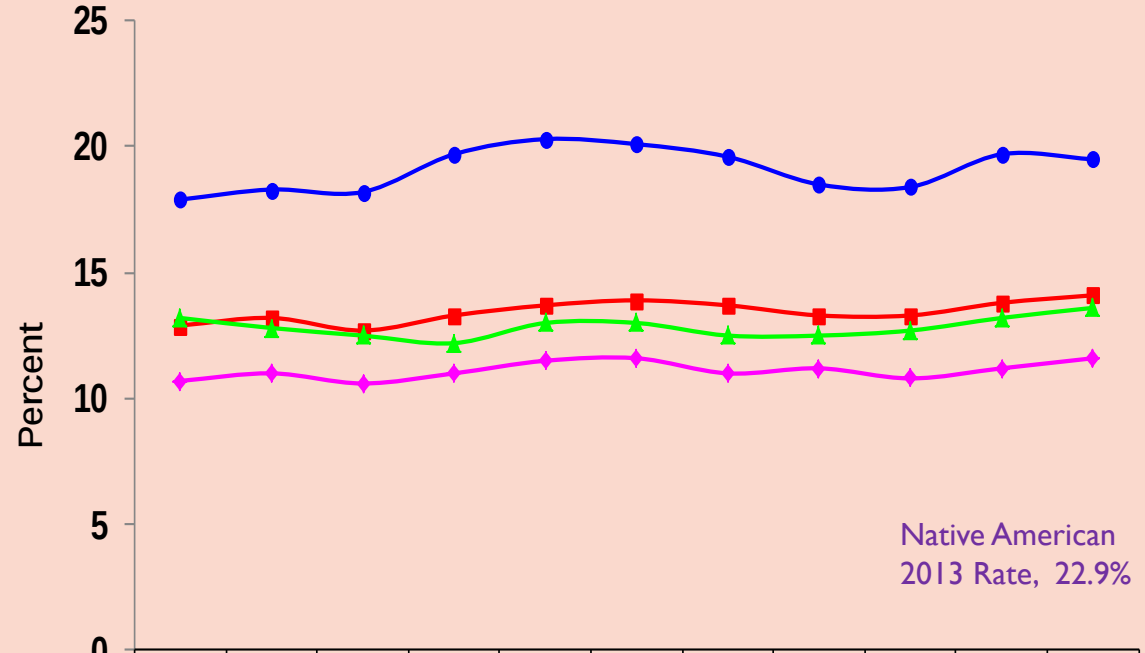
Trends in Overweight (85th-<95th %) by Race/Ethnicity among Michigan WIC Children 2 to 5 Years Old



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total	16.1	16.1	15.6	16.2	16.4	16.6	16.6	16.3	16.6	16.4	16.8
White	17	16.6	15.9	16.3	16.6	16.8	16.8	16.6	16.8	16.8	17.3
Black	13.7	14.2	13.4	14	14.2	14.6	14.5	13.9	14.2	14.2	14.7
Hispanic	18	17.8	18.5	19.3	19.4	19.1	18.7	18.8	19.3	18.5	19.2

PedNSS 2013

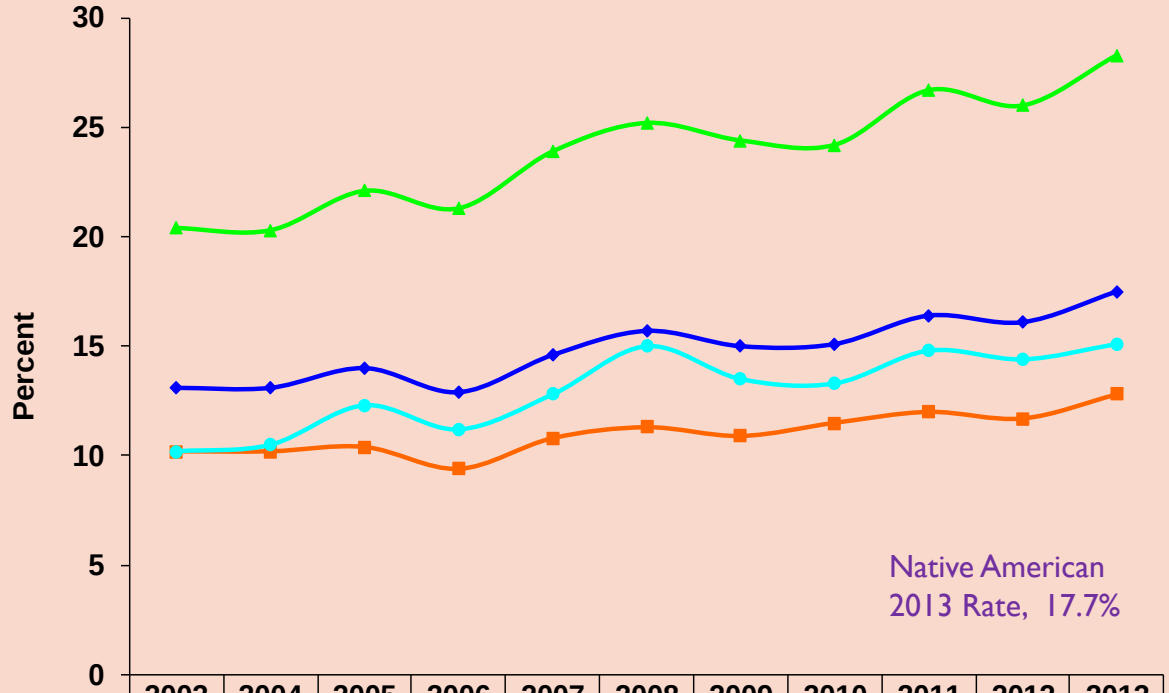
Trends in Obesity (=>95th %) by Race/Ethnicity among Michigan WIC Children 2 to 5 Years Old



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total	12.9	13.2	12.7	13.3	13.7	13.9	13.7	13.3	13.3	13.8	14.1
White	13.2	12.8	12.5	12.2	13	13	12.5	12.5	12.7	13.2	13.6
Black	10.7	11	10.6	11	11.5	11.6	11	11.2	10.8	11.2	11.6
Hispanic	17.9	18.3	18.2	19.7	20.3	20.1	19.6	18.5	18.4	19.7	19.5

PedNSS 2013

Trends in Low Hemoglobin by Race/Ethnicity among Children < 5 years



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total	13.1	13.1	14	12.9	14.6	15.7	15	15.1	16.4	16.1	17.5
White	10.2	10.2	10.4	9.4	10.8	11.3	10.9	11.5	12	11.7	12.8
Black	20.4	20.3	22.1	21.3	23.9	25.2	24.4	24.2	26.7	26	28.3
Hispanic	10.2	10.5	12.3	11.2	12.8	15	13.5	13.3	14.8	14.4	15.1

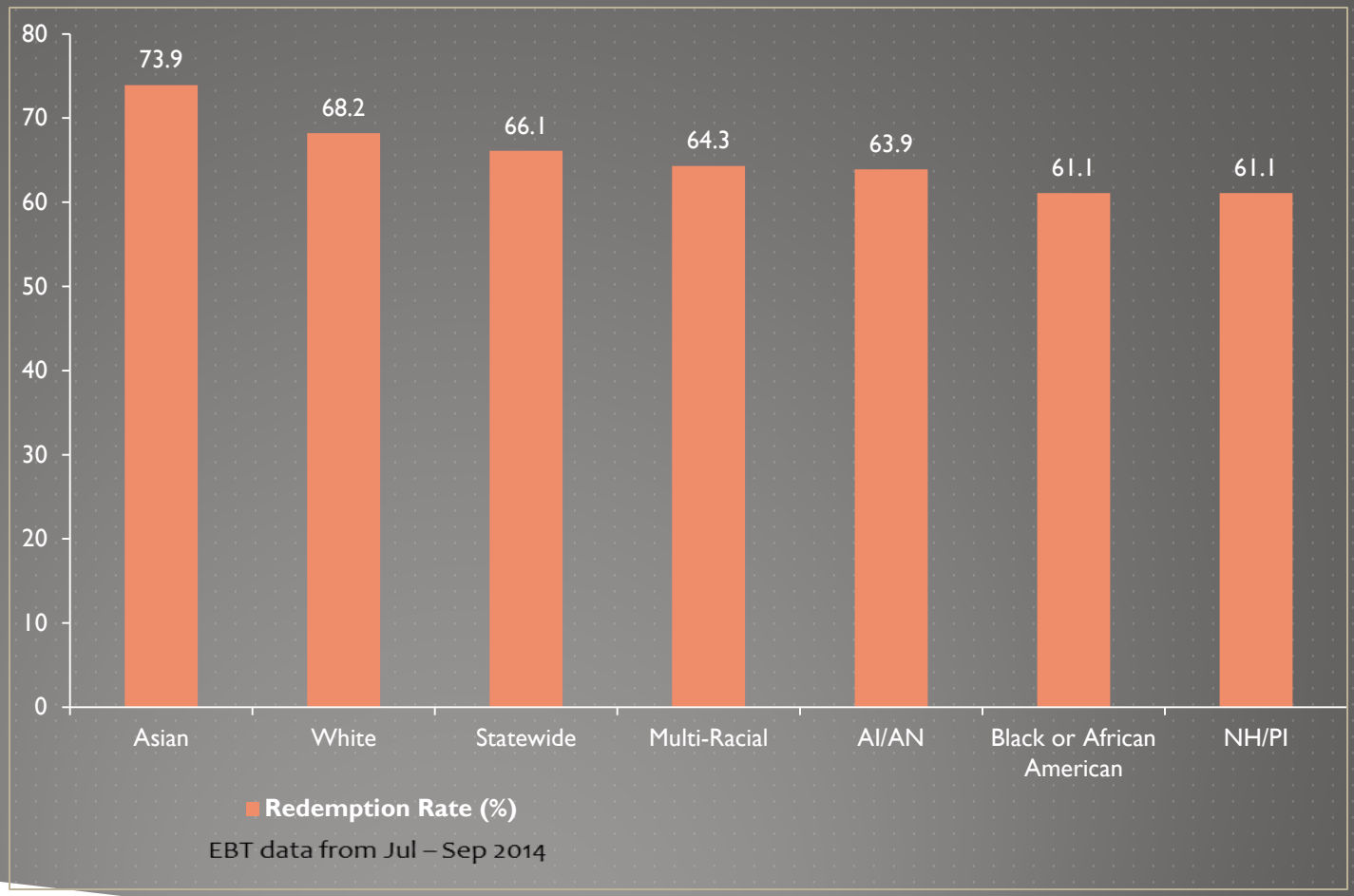
PedNSS 2013

Native American Health Indicators

Health Indicator	State	White	Black	Hispanic	American Indian/ Alaskan Native	
	%	%	%	%	%	N
First Trimester Entry Into WIC	36.9	40.7	26.9	45.4	49.8	243
Ideal Prenatal Weight Gain	30.7	31	28.4	34	31.9	169
> Ideal Prenatal Weight Gain	52.4	53.9	53.2	44.9	51.5	169
Low Birth Weight	8.7	7.2	12.2	6.9	3.6	193
High Birth Weight	7.2	8.9	3.8	8.3	13	193
Full Term Low Birth Weight	3.7	3	5.4	2.8	1.2	170
Premature Birth	11.5	9.9	14.6	11.8	11.5	200
Breastfeeding Initiation	63.1	68.9	49.5	67.2	63.7	193
Breastfed at least 6 months	17.1	21.1	11	17.6	23.6	123
Overweight (85th - <95th %) ≥2yrs	16.8	17.3	14.7	19.2	21.9	292
Obesity (≥95th%) ≥2yrs	14.1	13.6	11.6	19.5	22.9	292
Low Hemoglobin(< 5 Yrs)	17.5	12.8	28.3	15.1	17.7	419

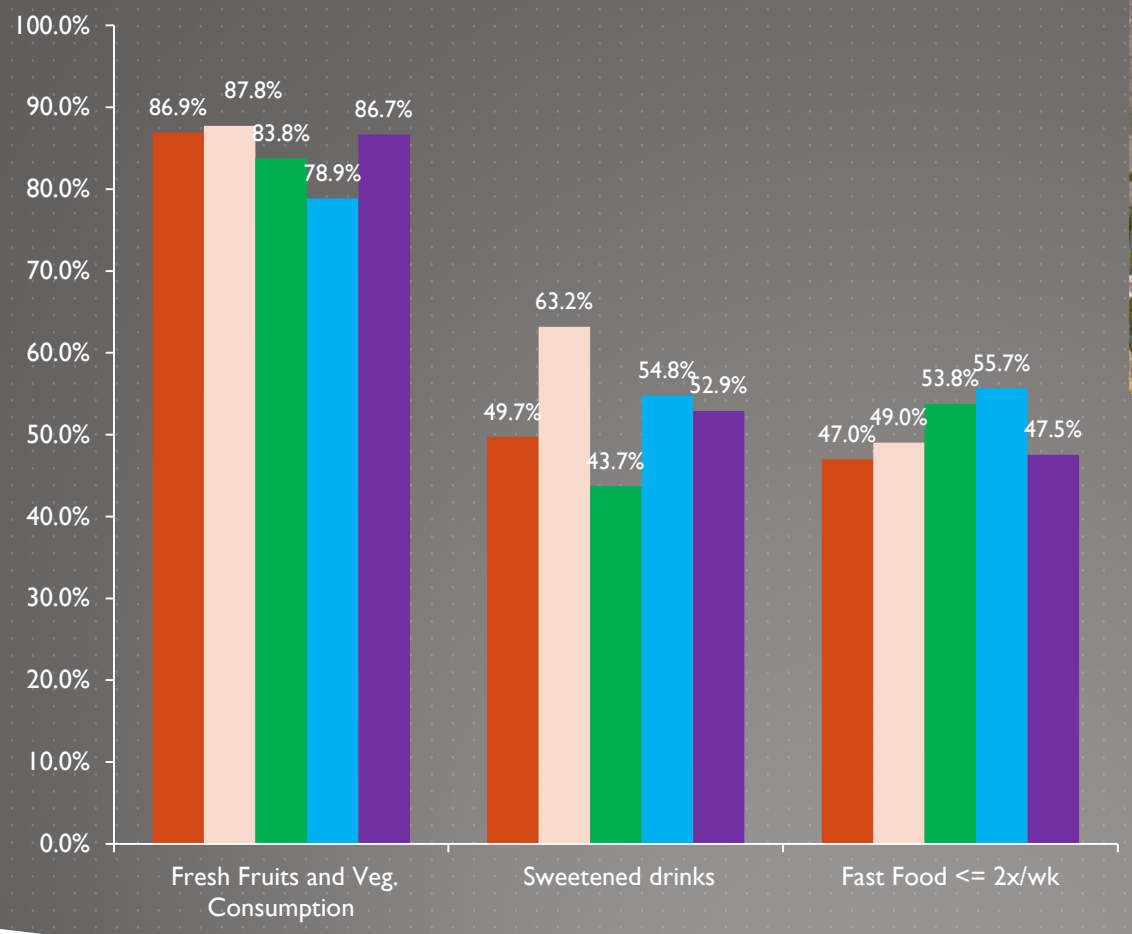
PNSS & PedNSS 2013

Michigan WIC Redemption Rate by Race



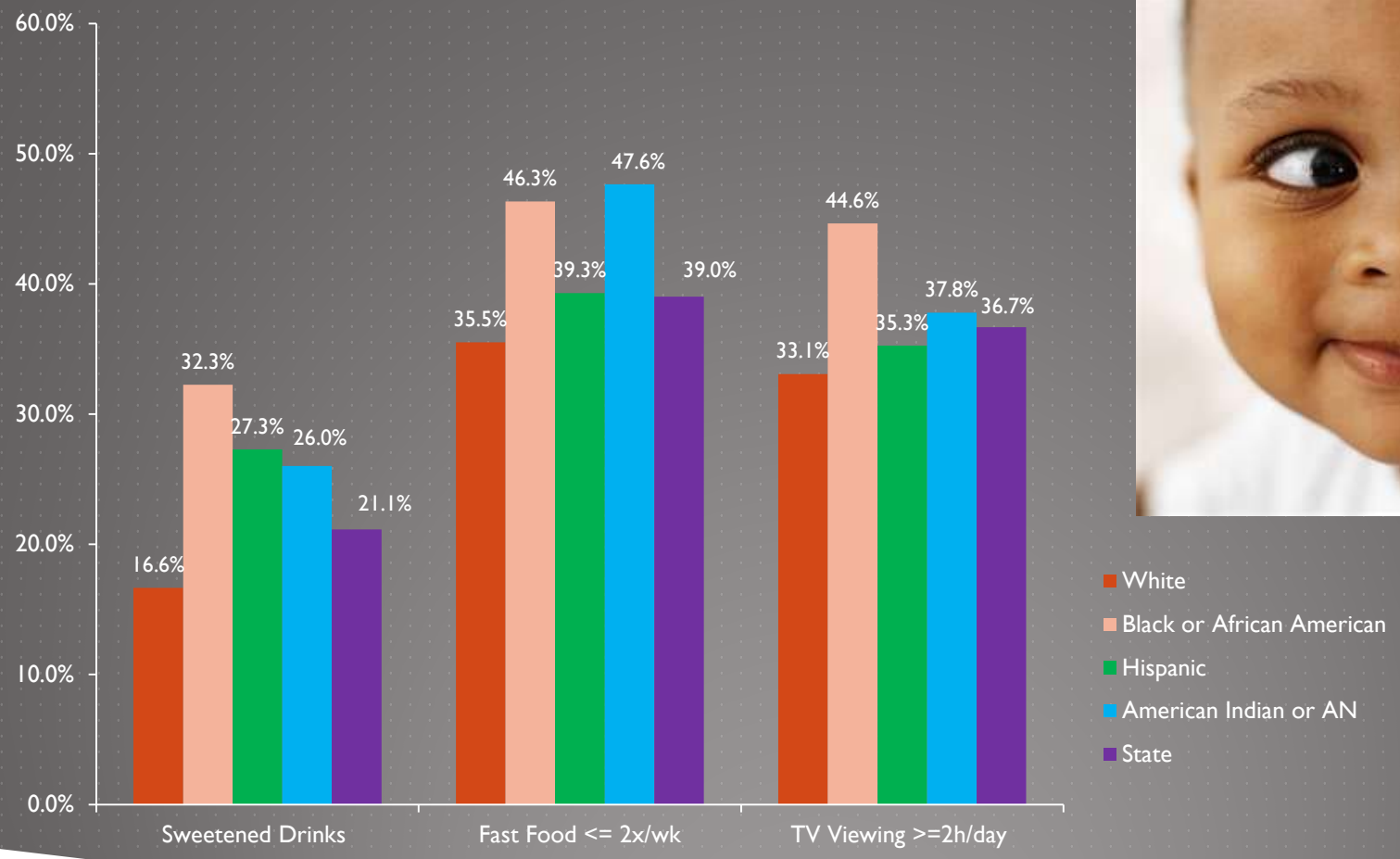
75.5% of WIC families are at or below 130% Poverty level.

Behavior Indicators, Women

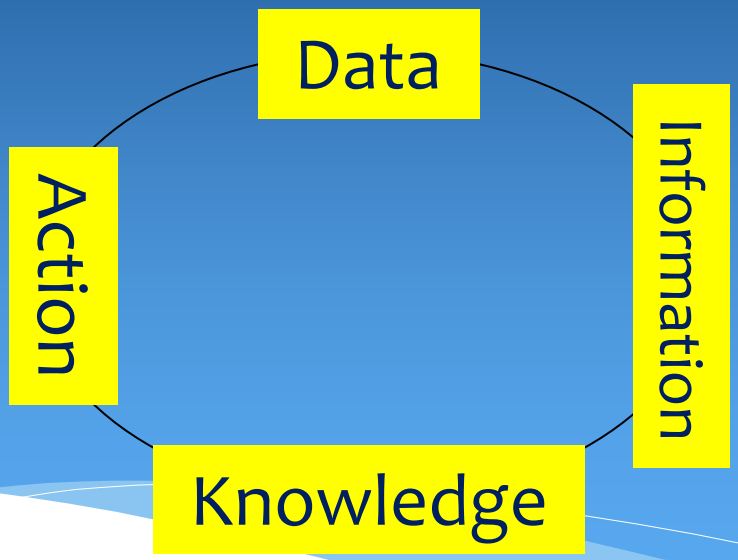


Race	FFV Redemption Rate (%)
White	78.7
Black	73.3
Native American	75.1
State	77.2

Behavior Indicators, Children



Measuring Progress



WIC Coordinator Conference, Fall 2014

Kobra Eghtedary, PhD
WIC Data, Research & System Management Director
Anne M. Bianchi MS, RD
Director, WIC Program
District Health Department #10
Suzette Daly, RN, BSN
Family and Community Health Supervisor
Health Department of Northwest Michigan
Bagya Kodur, MS
Michigan WIC Report Specialist

Michigan WIC Top Ten List

Indicators	2003	2013	Progress Direction
First Trimester Entry into WIC	31.7	36.9	
Birth weight: • LBW <2500 g • Full Term LBW • HBW >4000 g • % Preterm Infants	7.3 -- 8.7 --	8.7 3.7 7.2 11.5	
Breastfeeding: • Initiation • 6 Months Duration	49.8 14.7	63.1 17.7	
Prenatal Weight Gain: • <Ideal • >Ideal	26.9 48.6	16.9 52.4	
Body weight: • 85th-<95th%, ≥2yrs • ≥95th%, ≥2yrs	16.1 12.9	16.8 14.1	
Anemia, Low Hg, 3rd 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: • Overweight/Obese • Underweight	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.

Update: Sept. 2014, KE

Michigan WIC Five-Year-Plan

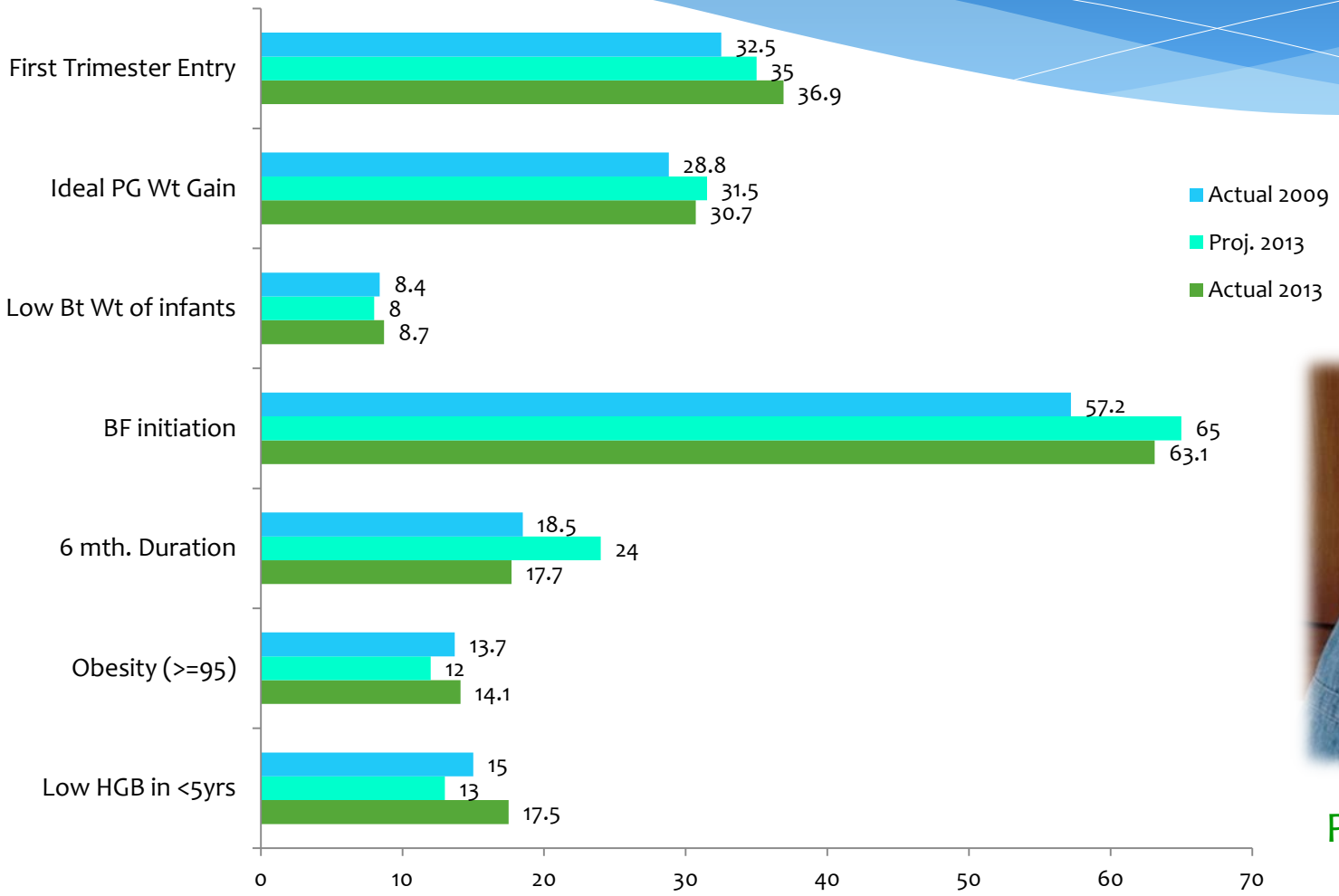
The Health Outcome Indicators

January 2009 to December 2013

- Increase first trimester entry into the WIC program from 32.5% to 35.0%.
- Increase ideal prenatal weight gain from 28.8% to 31.5% among Michigan WIC mothers.
- Reduce the percent of low birth weight infants born to women enrolled in Michigan WIC from 8.4% to 8.0%.
- Increase breastfeeding initiation rate from 57.2% to 65.0% and the six-month duration rate from 18.5% to 24.0%.
- Decrease the prevalence of early childhood obesity, in children 2 to 5 years of age, from 13.7% to 12.0%.
- Decrease the prevalence of low hemoglobin level from 15.0% to 13.0% among children less than five years of age.

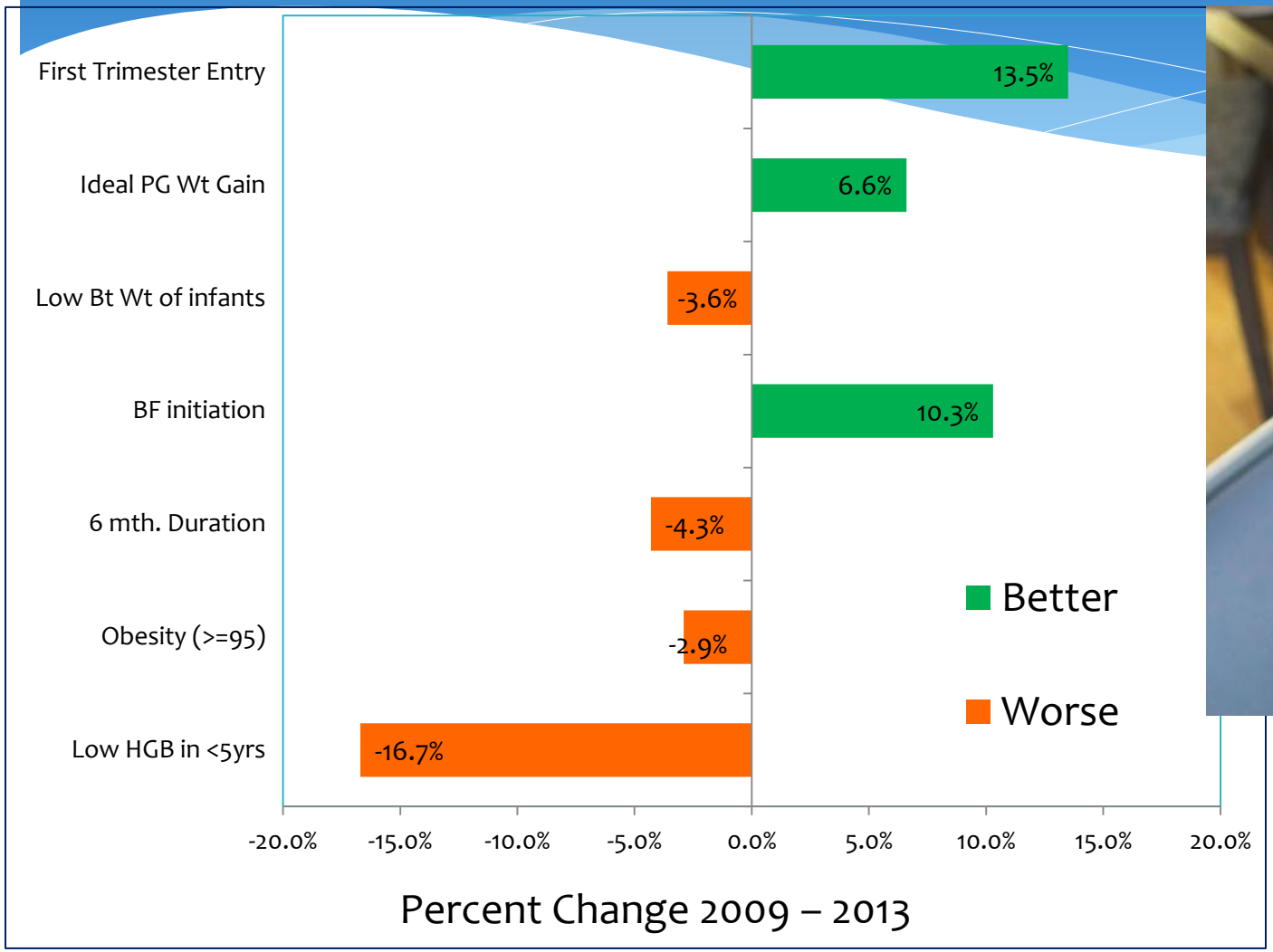
The projections are based on the 1994-2009 trend data from Michigan PNSS and PedNSS. 2009 data is used as the baseline for a five-year-plan from Jan. 2009 to Dec. 2013.

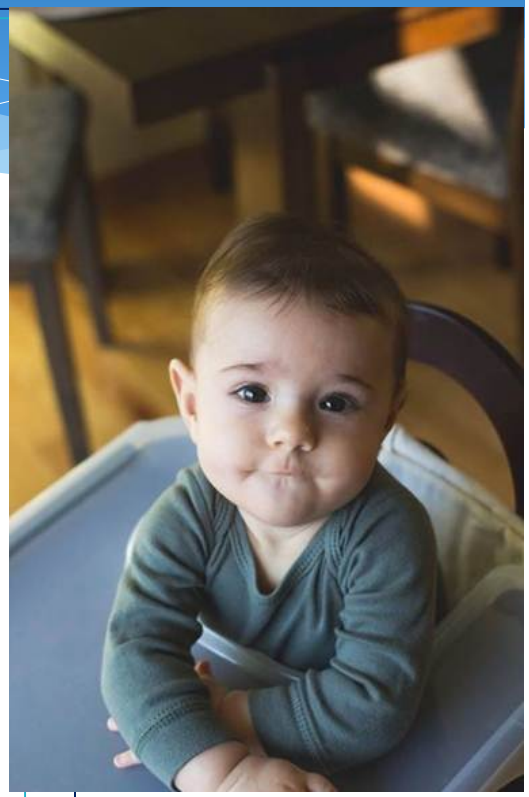
Health Progress Review
2009 -2013 Five Year Plan



PNSS & PedNSS

Health Progress Review
2009 -2013 Five Year Plan





PNSS & PedNSS

De-duplicated Enrollment by Race, FY 2014

Race	Category		Total	% Enrolled
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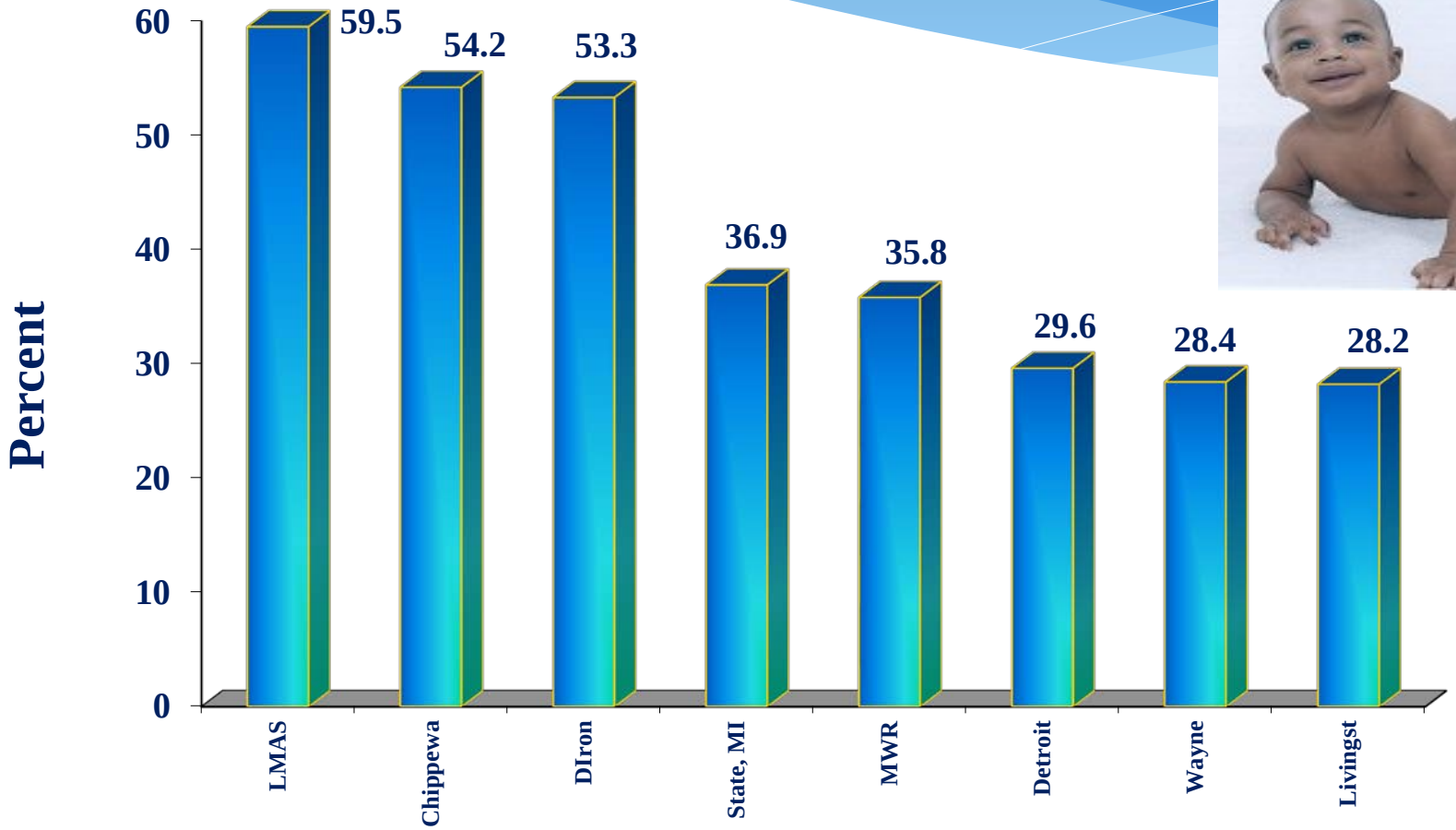
Native Hawaiian/Other Pacific Islander	169	106	275	0.1
Statewide	**294,092**	**118,841**	**412,933**	**100.0**

12.5% of total deduplicated enrollees are Hispanic:
I/C 39,483
W 11,834
Total 51,317

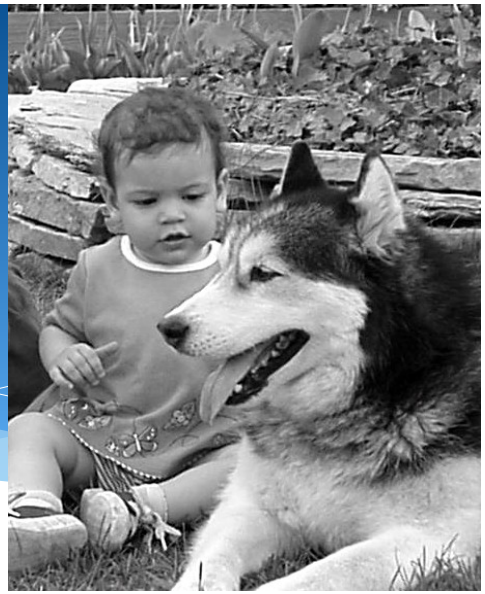
91.4 % of PG women enrolled in 2013 returned to WIC postpartum

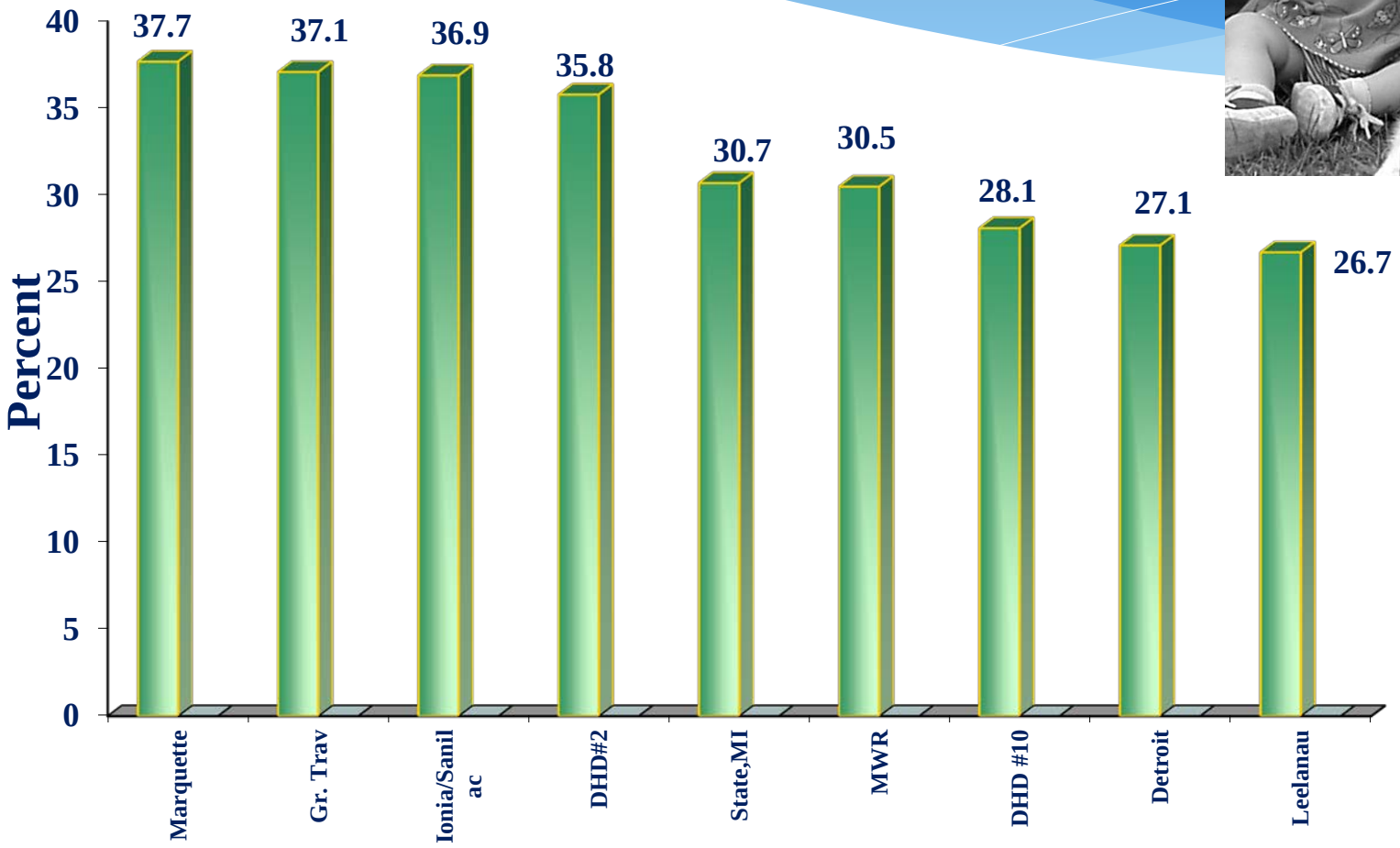
First Trimester Entry into WIC by Local WIC Agencies



PNSS 2013

Ideal Pregnancy Weight gain by Local WIC Agencies



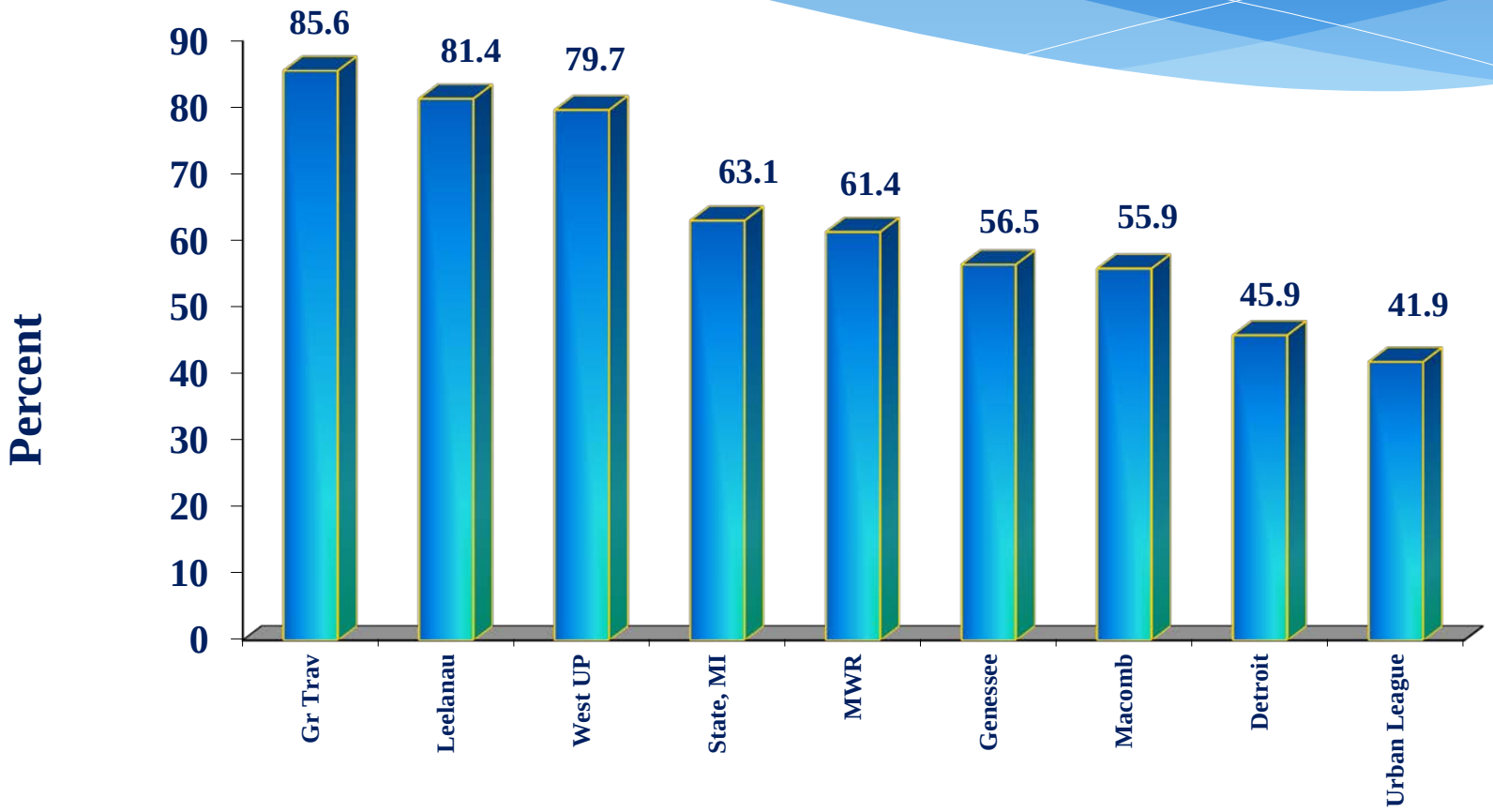


PNSS 2013

Prevalence of LBW by Local WIC Agencies

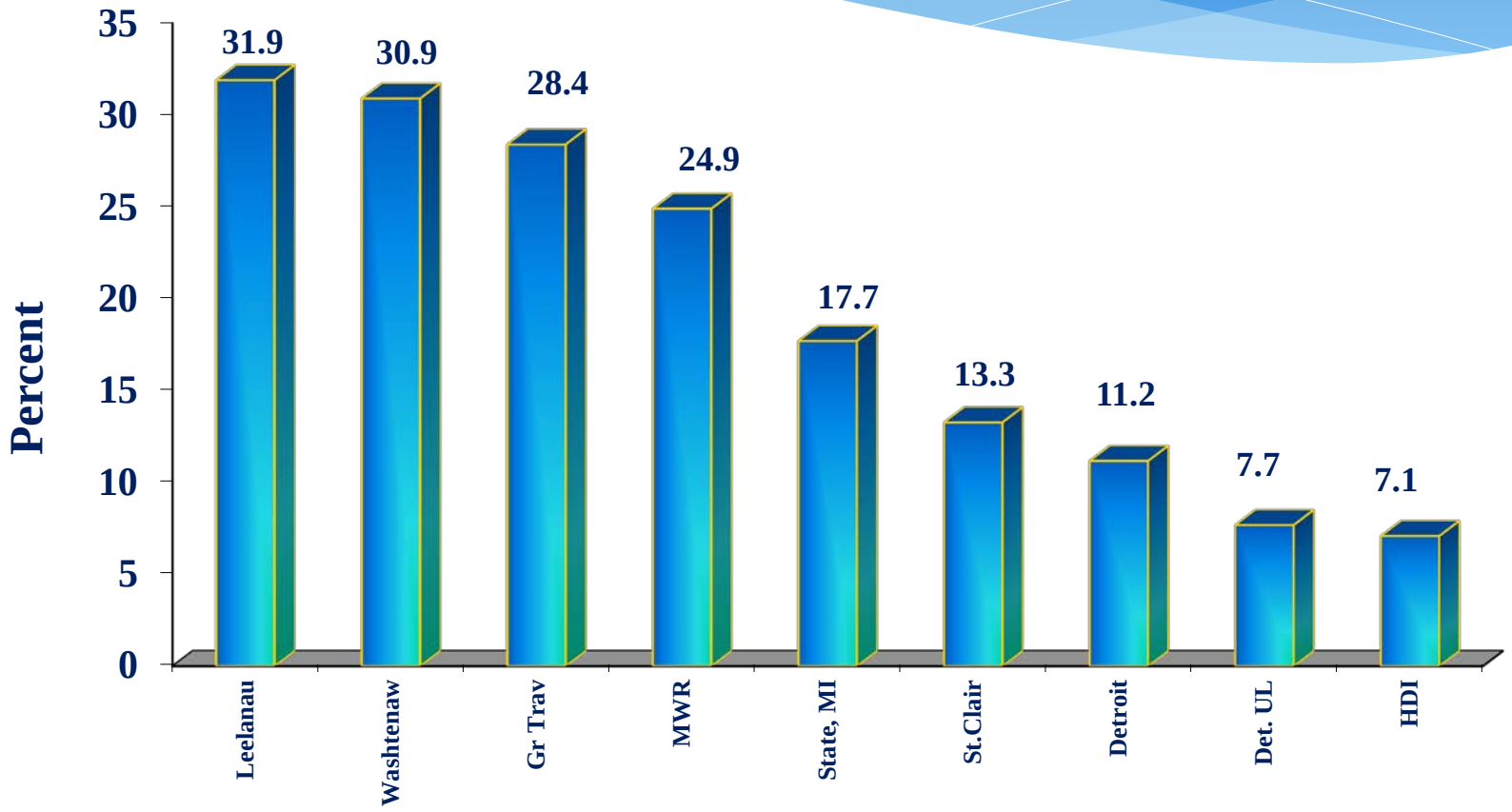
PNSS 2013

Breastfeeding Initiation by Local WIC Agencies



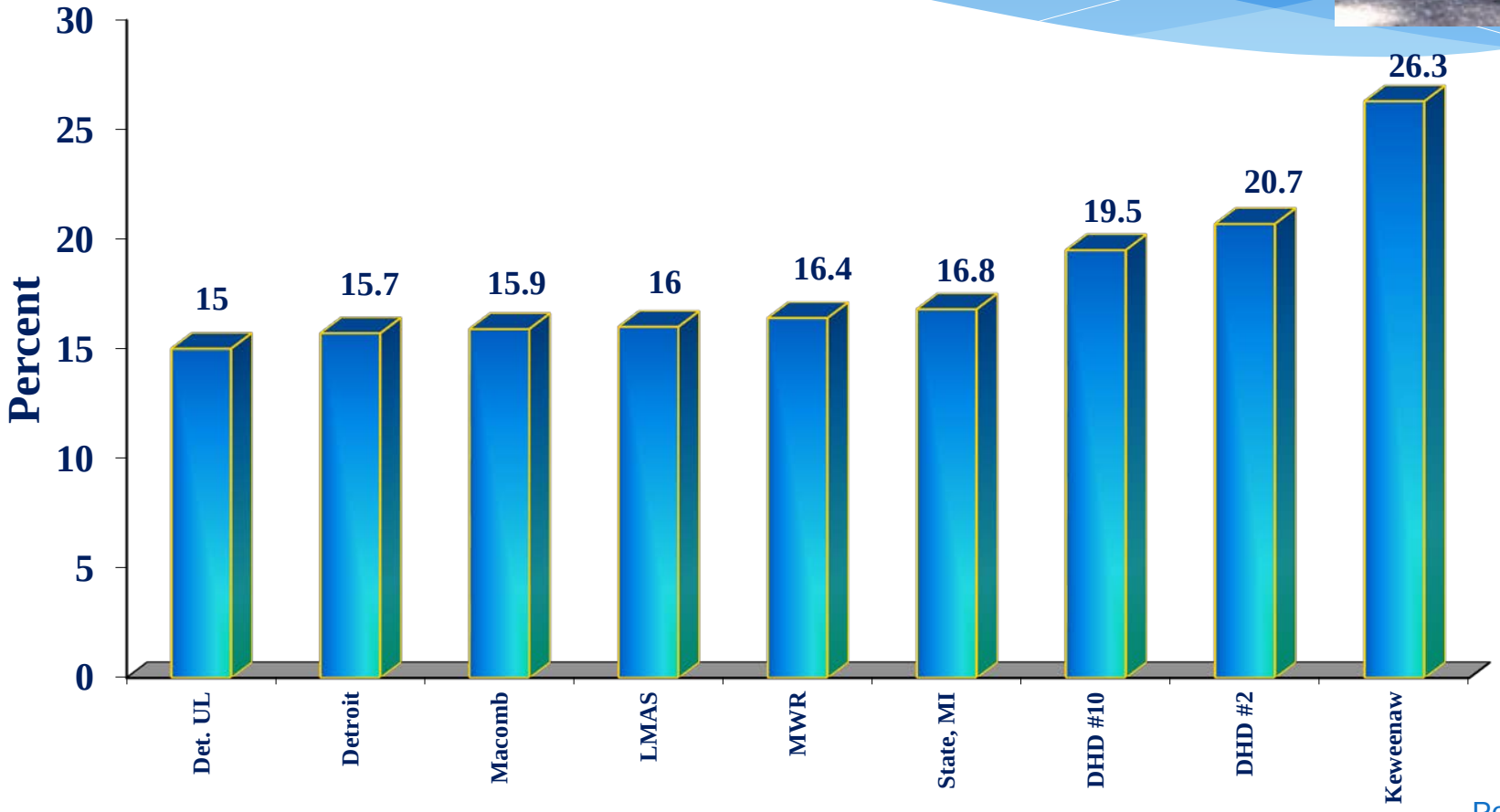
PNSS 2013

Six Months Breastfeeding Duration by Local WIC Agencies



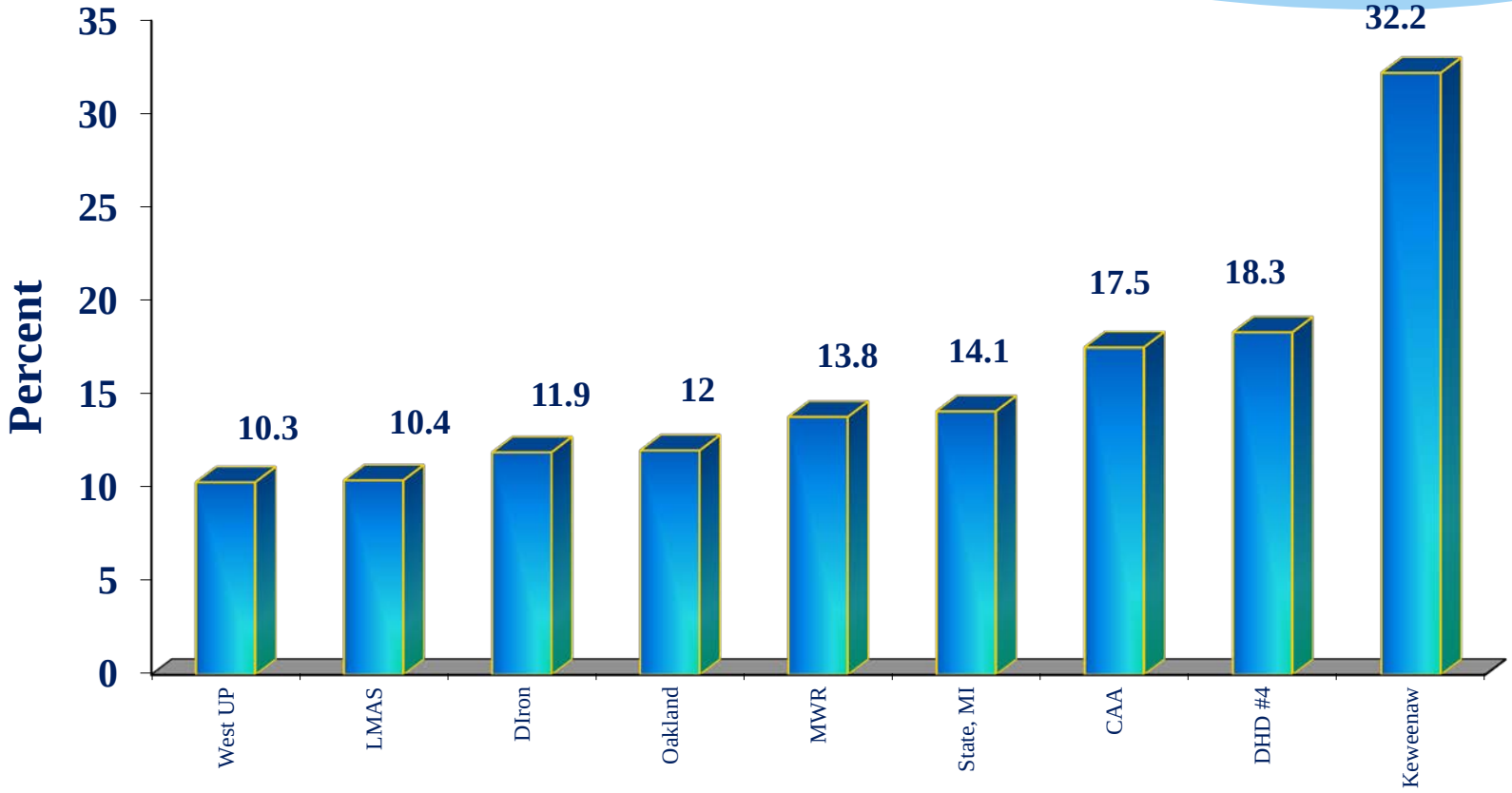
PedNSS 2013

Early Childhood Overweight by Local WIC Agencies



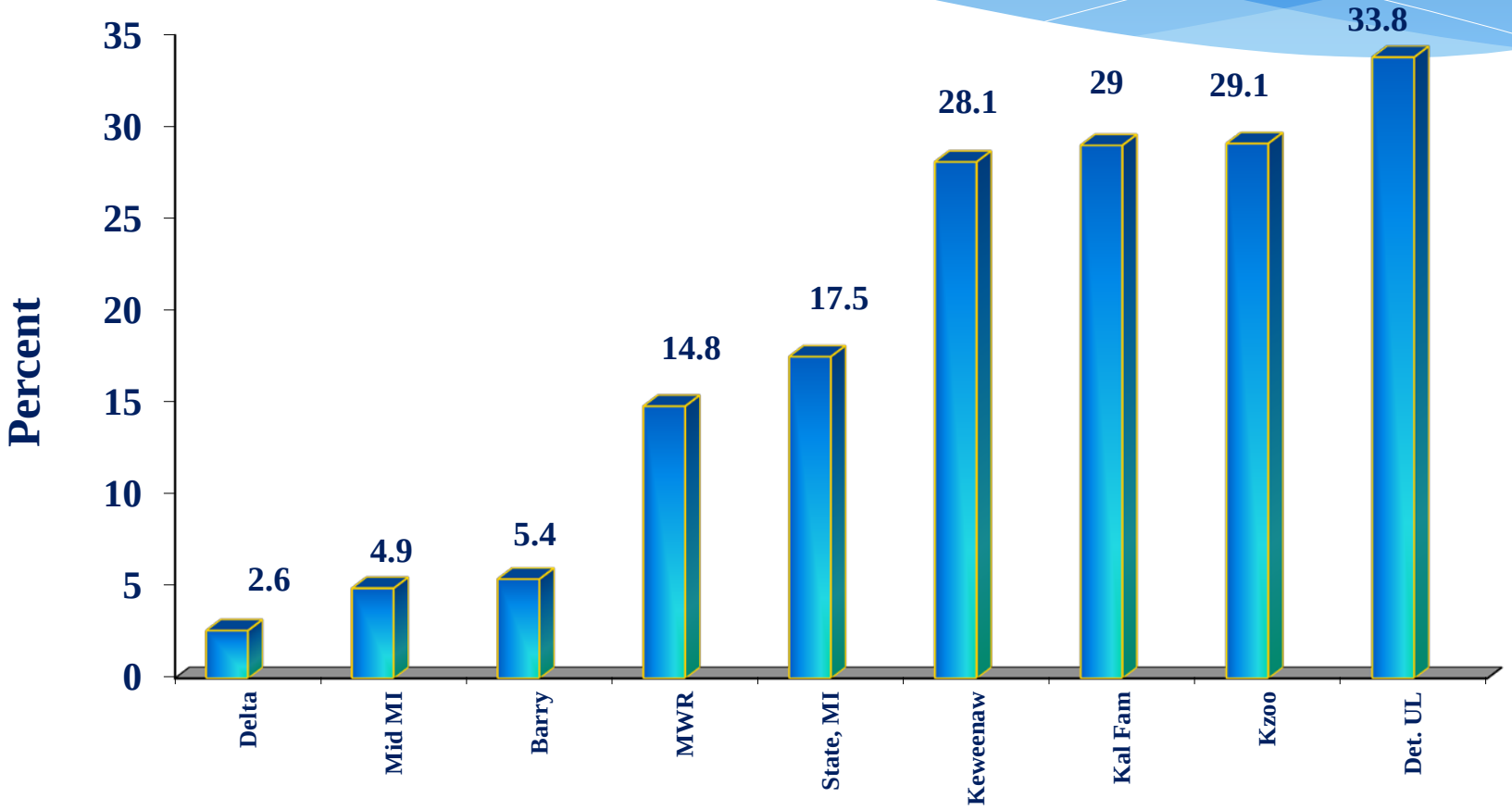
PedNSS 2013

Early Childhood Obesity by Local WIC Agencies



PedNSS 2013

Early Childhood Anemia by Local WIC Agencies



PedNSS 2013

Behavior Indicators

WIC Clients	Fruits & Vegetables %	Sweetened Drinks %	Fast Food, <=2x /wk. %	TV Viewing, =>2h /Day %
WIC Mothers	86.7	52.9	47.5	ND
WIC Children 1-5	ND	21.1	39.0	36.7

MI-WIC, 11-17-2014

Most And Least Redeemed Food Items

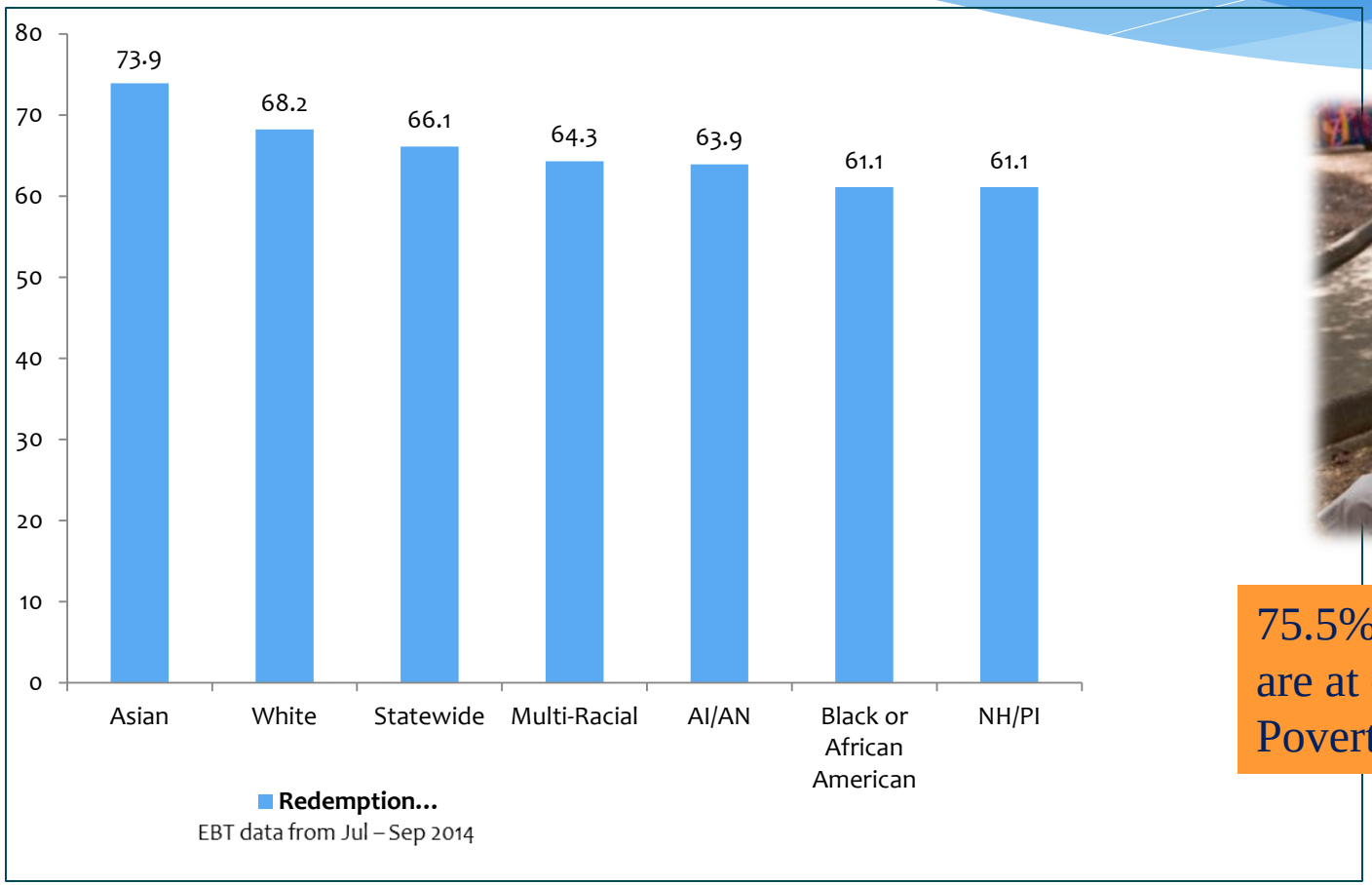
Top 5 Redeemed Items

CatCode	Sub CatCode	Description	% Redeemed *
11	039	12.5 oz. PWD Enfamil Premium Infant	95.8%
01	001	Whole Milk- gallon only	81.9%
54	000	Juice 64 oz.	80.3%
03	000	Eggs	78.8%
19	001	WIC Fresh Fruit and Vegetables	77.2%
02	000	Cheese - all authorized types	75%

Least 5 Redeemed Items

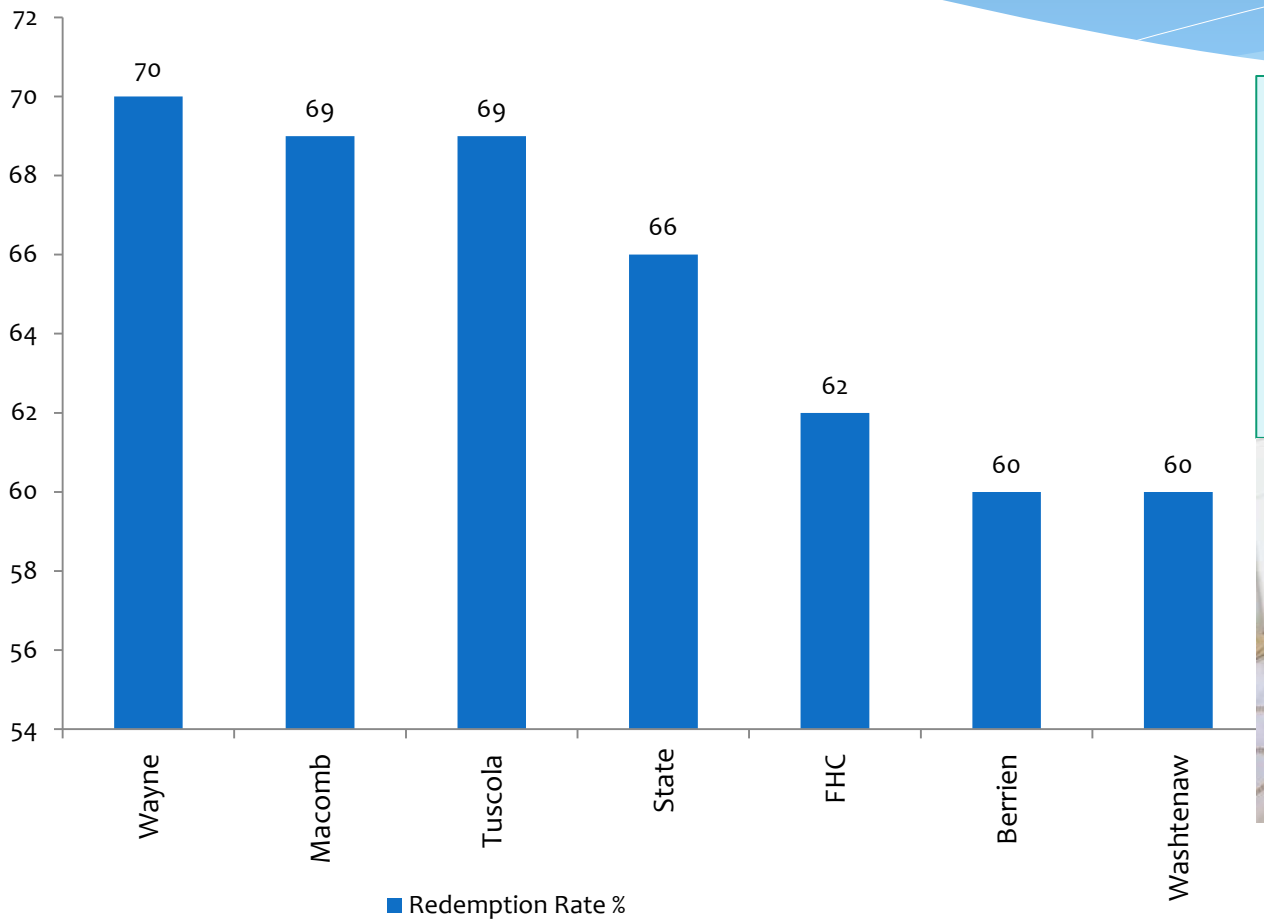
CatCode	Sub CatCode	Description	% Redeemed *
05	000	Cereal - All Authorized Adult	61.1%
15	013	Soy Beverage	54.5%
06	000	16-18 oz. Pnut Btr, lb. Dry Beans,15-16 oz. Cn Bean	53.6%
16	---	Other Milk (Whole, LF Qt, LF Hg)	44.7%
13	000	2.5 oz. Infant Meats	38%

Michigan WIC Redemption Rate By Race



75.5% of WIC families are at or below 130% Poverty level.

Redemption Rates by Local WIC Agencies



- 12.5 oz. PWD Enfamil Premium: 95.8%
- Fresh Fruits & Veg: 77.2%
- Most redeemed: Whole Milk : 81.9%
- Least redeemed: Infant Meats : 37.9%

WIC REPORTING
Using WIC Data at the LA

Suzette Daly, RN, BSN

Family and Community Health Supervisor

Health Department of Northwest Michigan

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.

HDNW Client Risk Factors by Category Report

Breastfeeding Women	Child	Infant	Pregnant Women	Postpartum Women
Example: Postpartum Overweight	Example: May Not Meet Dietary Guidelines	Example: Short Stature	Example: Prepregnancy Overweight	Example: Low Hemoglobin
Low Hemoglobin/Hematocrit 62.3%	At Risk Of Overweight 24.7%	At Risk of Overweight 27.7%	Pregnancy Overweight 44.2%	Low Hemoglobin/Hematocrit 40.3%
Postpartum Overweight 35.8%	Inadequate Growth 11.8%	Routinely using nursing bottles or cups improperly 11.5%	Ingesting foods that could be contaminated 28.1%	Postpartum Overweight 26.1%
High Maternal Weight gain 33.0%	May Not Meet Dietary Guidelines 11.3%	High Risk Underweight 11.0%	Maternal Smoking 26.5%	Maternal Smoking 22.2%

Clinic Closed Hours & Holiday User Monitoring Report

* Clinic Closed Hours & Holiday User Monitoring Report-Admin/reports/Staff compliance/clinic closed hours & Holiday user monitoring report

* Run monthly and takes 30-45 minutes to review
* Coordinator sends Staff an email asking them to document why they were in MI-WIC outside of normal working hours

* Staff now send me an email when they are in MI-WIC outside of normal work hours
* Why do this?
* Keeps a watchful eye for fraudulent activity
* Protects Staff
* Staff are mindful of when they are working in MI-WIC
* They know “Suzette” is reviewing monthly and watching
* If I receive a letter from State WIC I already have reviewed this report and know why the Staff Person was in MI-WIC

Formula Usage Report

* Formula Usage Reports- Clinic/reports/participation/formula usage reports
* CIAS works report and reviews for all required documentation
* WIC Coordinator reviews only the problem records
* Since working this report the WIC Special Formula/Food Request Form has been documented accurately by Physician
* Staff are reviewing Form with what they documenting for Food Prescription

Show Rate Report

* Show Rate Report-Clinic/reports/scheduler/show reports
* Run Monthly
* Email to all WIC Staff
* Review at County Meetings
* Review overall show rate for each clinic and then review show rate for each appointment type
* For the two lowest show rates what can they do to improve the show rate?

Show Rate cont.

* Staff by in for solution to problem
* They know their Clients and what works best for scheduling appointments
* Discuss what is working in other clinics that they can learn from
* Ideas from Staff:

  working through lunch hour

  calling or text messaging before, during clinic and

  after clinic

Show Rate Cont.

using wichealth.org to have Client complete nutrition education

rescheduling appointment and moving the appointment to the day rescheduled. (used only before or during the clinic)

Use of WIC Data: A Local Perspective

MDCH WIC Coordinators Meeting

November 19-20, 2014

Anne M. Bianchi, MS, RD

Director, WIC Program

District Health Department # 10

Objectives

* My WIC Coordinator Colleagues will…
* Identify 4 data types which demonstrate WIC's roles in improving health outcomes
* State where to find relevant data (per above)
* State 4 practical examples of how to use data for your local program and communities

Michigan WIC Is Full of Data…

Welcome to WIC Data and System Management!

The Data and System Management (DSM) section was created to administer responsibilities and policies related to data and system use, processes, trainings and data publications for the Michigan Women, Infants and Children (WIC) Program. In 2009, the Michigan WIC Program implemented its web-based management information system MI-WIC. Michigan has served as a national model for system excellence and has been recognized as the country's first state to implement an online client eligibility certification system integrated with online electronic benefits transfer (EBT).

MI-WIC has improved client services, clinic process and data quality through the system inclusion of guided scripts, scanning of documentation, pre-defined reports, data quality validations and the ability to complete WIC nutrition related processes. Data quality improvements have allowed for the expanded use of Michigan WIC data in research collaborations that have been instrumental to understanding the unique needs of WIC clients. Quality data has led to evidence based decision making and interventions to improve the health outcomes for the women, infants and children we serve.

Thank you for your continued support!

WIC Data & Reports

Click here for: Access to WIC research, reports and data quality information

Training & Presentations

Click here for: Access to training and presentations from the DSM Section

Contact DSM

Click here for: DSM contact information

WIC Systems

Click here for: Access to system release information, special projects and system policies and processes.

Related Links

Click here for: Resources for WIC local agency staff and MCH audiences.

Top picks for WIC data…

Welcome to WIC Data and Reports!

Our goal is to provide you with up to date information, data and research related to our WIC clients. Here you will find the latest reports, collaborations and publications for the Michigan WIC program to better serve local WIC agencies and WIC clients. Please use the many tools on this site to assist you in making data informed decisions when it comes to programming in your area.

To provide insight into the health status of WIC clients and program characteristics, please utilize the following data resources as quick references for the Michigan WIC Program.

- Michigan WIC Top Ten List A look at the Top Ten health indicators used to assess Michigan WIC's maternal and infant health outcomes.
- Michigan WIC Five Year Plan A look at Michigan WIC's health outcome indicator goals from January 2014 - December 2018
- Average Day in the Michigan WIC Program Know the facts about an average day in the Michigan WIC Program.

PNSS & PedNSS

Click here for: Access to Michigan PNSS & PedNSS annual and trend reports.

Special Reports

Click here for: Access to breastfeeding, enrollment and other valuable reports.

WIC Research

Click here for: Information about WIC research projects and data use.

Data Quality

Click here for: Data quality improvement tips and information.

Top Picks for WIC Data

* Michigan WIC Five (5) Year Plan
* Pregnancy Nutrition Surveillance Survey (PNSS) and Pediatric Nutrition Surveillance Survey (PedNSS)
* Breastfeeding Rate(Initiation) and Duration (Special Ad Hoc Reports)
* MI-WIC Breastfeeding Initiation and Duration
* Michigan WIC Top Ten List
* A Day in the Michigan WIC Program

Michigan WIC Five Year Plan

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.

Update: Sept. 2014. KE

WIC 5 Year Plan: PNSS and PedNSS

* Plan developed using Pregnancy Nutrition Survey Surveillance (PNSS) and Pediatric Nutrition Surveillance Survey (PedNSS)

* Use MDCH Health Outcome indicators and priorities to guide WIC program and quality improvement activities

* Review local PNSS and PedNSS data and compare to State and US

Merging State and Local Health Outcome Indicators

* Example: Nutrition Services Plan (NSP)
* Review of 2013 PNSS data: State and Local Agency (DHD #10)
* Indicator: 1st Trimester WIC Enrollment
* MI: 36.9% DHD # 10: 48.2%
* MI: Increase 1st trimester entry into the WIC Program from 36.9% to 42% by 2018 (5 years)
* DHD #10: Increase 1st trimester entry into WIC from 48.2% to 50% by Sept 30th 2015 (1 year)

Local Use of PNSS and PedNSS data: Board of Health presentations

* Presentations to Board of Health (County Commissioners) are wonderful WIC outreach and advocacy opportunities
* Use WIC health outcome data to support program effectiveness (including cost-effectiveness)
* Increases the awareness of extent of WIC services (far beyond food benefits)
* Example: power point slide from recent BOH (WIC: Strengthening Families for 40 Years)

What's Special about DHD #10 WIC?

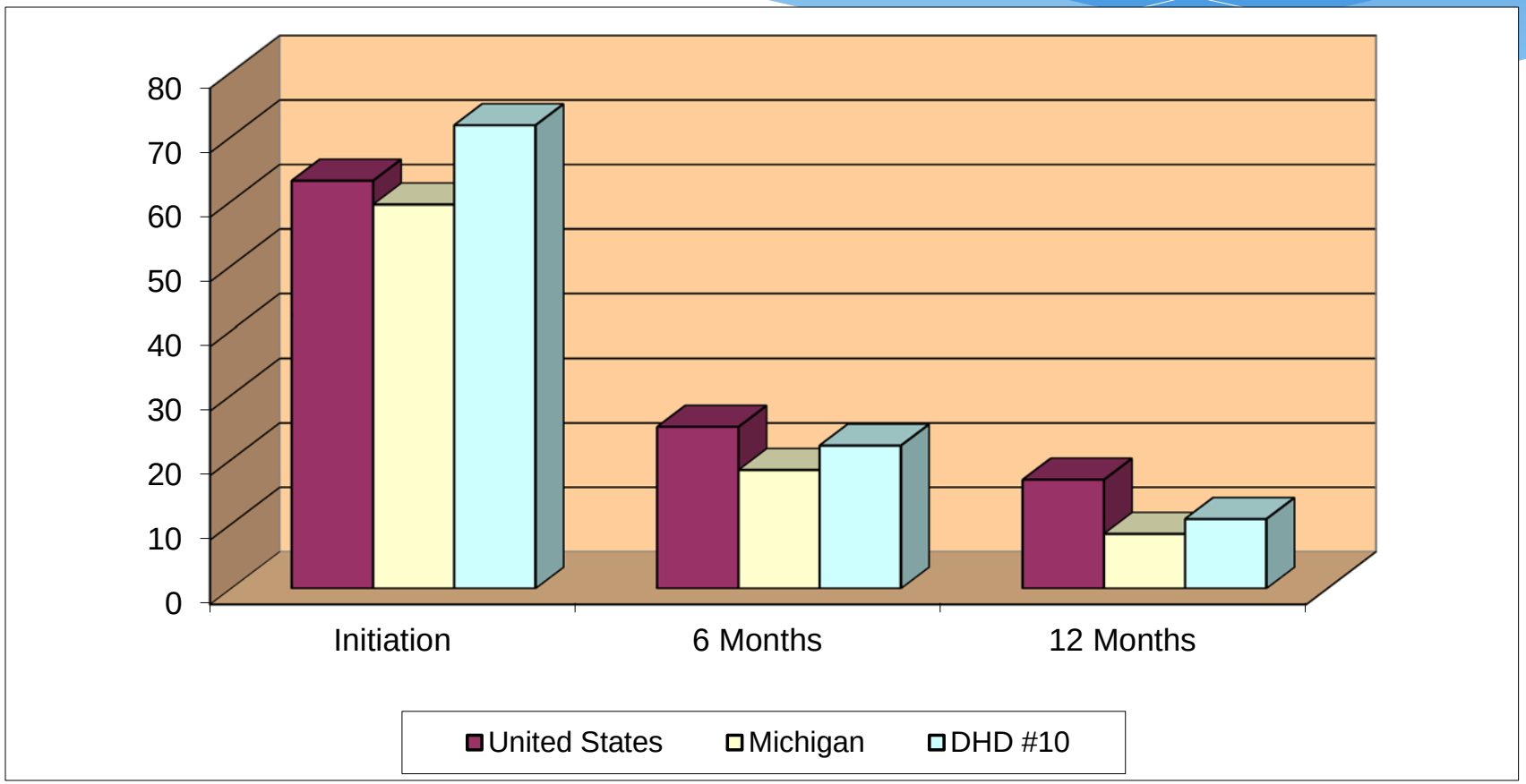
* 49% of pregnant women enrolled on WIC during their 1st trimester of pregnancy

* 77.5% of women enrolled in our WIC Program began prenatal care in 1st trimester

Use of PedNSS: NSP

* Review MI WIC Five Year Plan
* Review 2013 PedNSS: State and Local Agency Data
* Set realistic health outcome objectives (1 year)
* MI: Increase breastfeeding initiation rate from 63.1% to 67% by 2018 (5 years)
* DHD # 10 NSP: Increase breastfeeding initiation rate from 76.2% to 78% by 2015

WIC Population



Top Data Picks: Breastfeeding Rate and Duration Special Reports

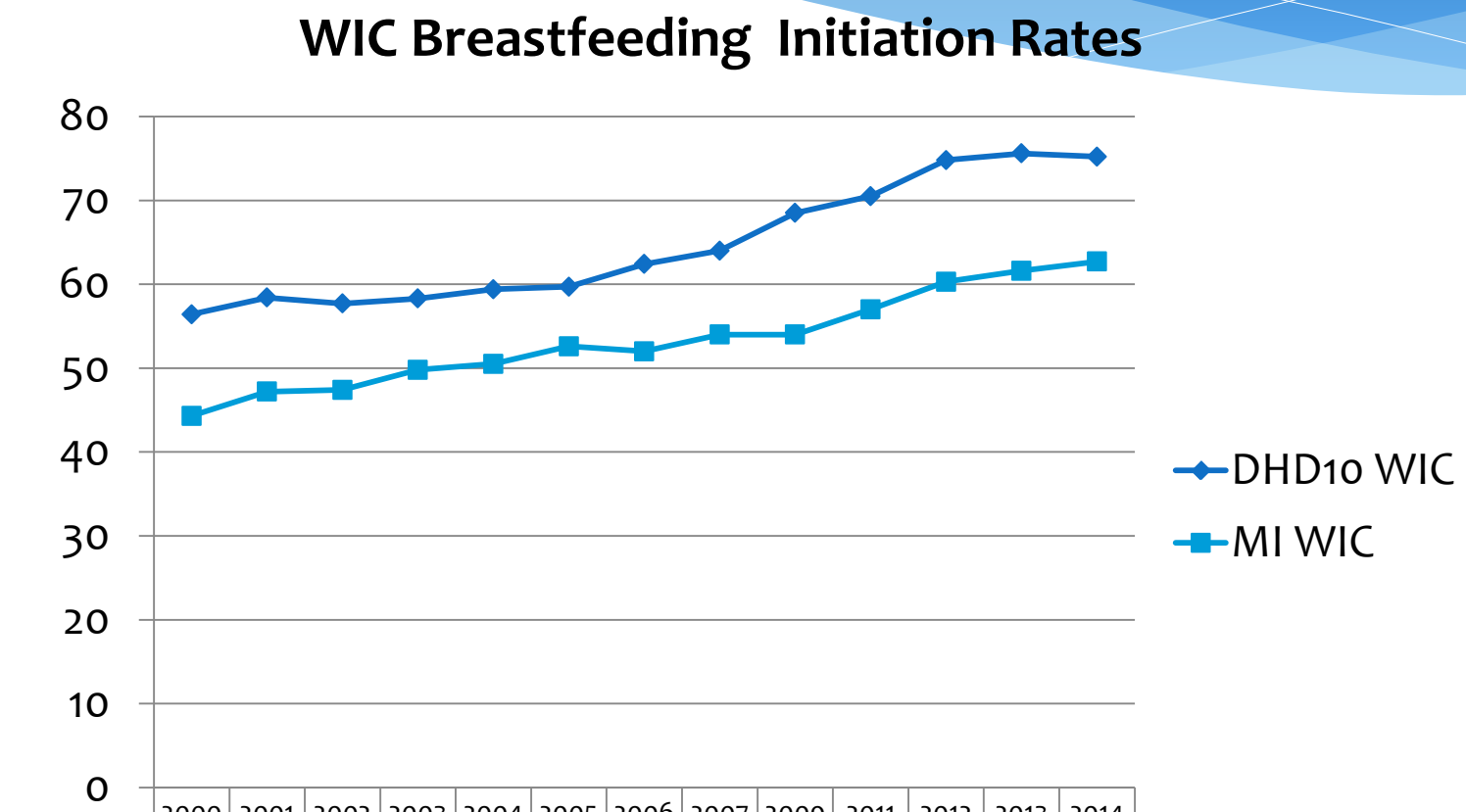
* Useful in a great so many venues!!
* NSP: Breastfeeding and Nutrition Education Plans
* Board of Health and Community Outreach Presentations
* Continuous Quality Improvement (CQI) projects
* Staff Recognition and Celebration of Successes

Breastfeeding Ad Hoc Reports

* Available 2 times per year (Spring and Fall) and as requested by Coordinator

* Includes ONLY infants
* Does NOT calculate Exclusivity
* Prefer this report for BF DURATION
* Data are useful to evaluate effectiveness of NSP and CQI activities (PedNSS data delayed)

Infant Health: Breastfeeding



	2000	2001	2002	2003	2004	2005	2006	2007	2009	2011	2012	2013	2014
DHD10 WIC	56.4	58.4	57.7	58.3	59.4	59.7	62.4	64	68.5	70.5	74.8	75.6	75.2
MI WIC	44.3	47.2	47.4	49.8	50.5	52.6	52	54	54	57	60.3	61.6	62.7

MI WIC Breastfeeding Reports

Scope

Local Agency/Clinic Name

Report Parameters -- Webpage Dialog

https://sso.state.mi.us/MIWIC/Clinic/WebForms/OracleReports.aspx?fiFAIyRQYXJ

Breastfeeding Initiation and Duration

State/Local Agy

Local Agy/State

430000 District Health Department #10

Run Report

Cancel

https://sso.state Internet | Protected Mode: On

Certified Only

Find

Start

Cert End

Te

In State

Cancel

BIANCHIA3824 438363 Wexford County WIC Program miwicp

MI-WIC Breastfeeding Reports

Michigan WIC Program

Breastfeeding Initiation and Duration Report

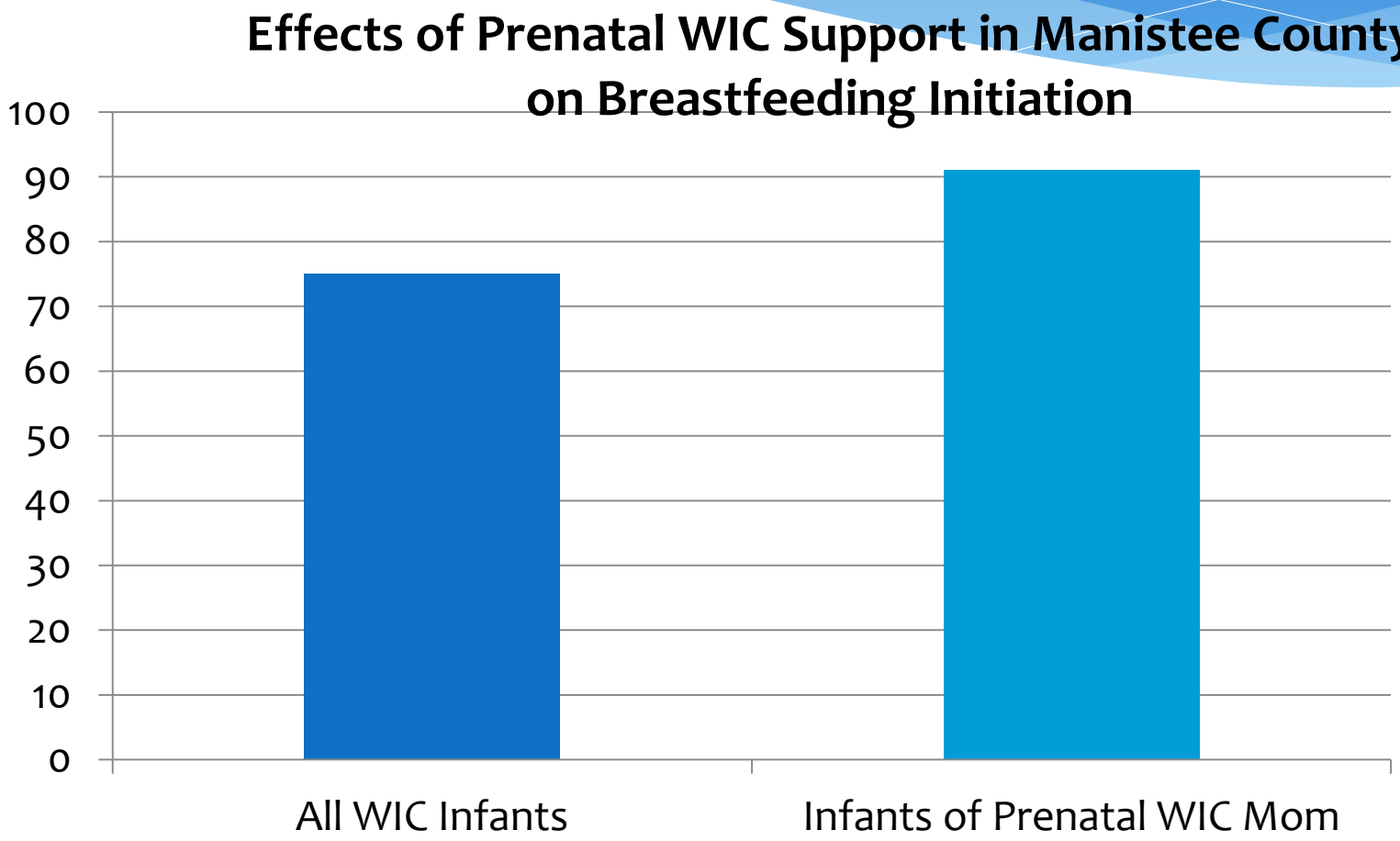
Generated Date:11/13/2014

	Breastfeeding Initiation			Breastfeeding Duration												Breastfeeding Exclusivity	
Agency	Infants and Children	Infants Only	Infants of Prenatal WIC Mom	1 wk	2 wks	4 wks	6 wks	2 months	3 months	6 months	12 months	18 months	2 yrs	3 yrs	4 yrs	3 months	6 months
43	5071	1372	1197	380	598	399	278	397	708	600	354	121	60	16	2	700	488
	74%	77%	87%	7.5%	11.8%	7.9%	5.5%	7.8%	14.0%	11.8%	7.0%	2.4%	1.2%	0.3%	0.0%	13.8%	9.6%
4351	549	165	148	45	68	50	31	43	75	53	36	17	6	1	1	69	72
	72%	79%	90%	8.2%	12.4%	9.1%	5.6%	7.8%	13.7%	9.7%	6.6%	3.1%	1.1%	0.2%	0.2%	12.6%	13.1%
4352	167	44	41	12	27	13	8	10	17	20	6	4	1	0	0	18	17
	69%	75%	93%	7.2%	16.2%	7.8%	4.8%	6.0%	10.2%	12.0%	3.6%	2.4%	0.6%	0.0%	0.0%	10.8%	10.2%
4353	450	106	92	37	57	33	28	27	57	43	21	11	5	2	0	52	38
	73%	73%	87%	8.2%	12.7%	7.3%	6.2%	6.0%	12.7%	9.6%	4.7%	2.4%	1.1%	0.4%	0.0%	11.6%	8.4%
4354	672	177	155	31	72	60	35	55	104	89	39	20	11	0	0	92	115
	69%	68%	88%	4.6%	10.7%	8.9%	5.2%	8.2%	15.5%	13.2%	5.8%	3.0%	1.6%	0.0%	0.0%	13.7%	17.1%
4355	306	71	65	13	48	24	13	30	45	35	18	9	3	1	0	60	10
	73%	77%	92%	4.2%	15.7%	7.8%	4.2%	9.8%	14.7%	11.4%	5.9%	2.9%	1.0%	0.3%	0.0%	19.6%	3.3%
4356	480	133	110	41	55	31	24	36	72	67	32	10	3	1	0	92	44
	72%	70%	83%	8.5%	11.5%	6.5%	5.0%	7.5%	15.0%	14.0%	6.7%	2.1%	0.6%	0.2%	0.0%	19.2%	9.2%
4358	166	36	30	8	19	14	5	12	20	19	23	3	5	1	0	9	8
	74%	77%	83%	4.8%	11.4%	8.4%	3.0%	7.2%	12.0%	11.4%	13.9%	1.8%	3.0%	0.6%	0.0%	5.4%	4.8%
4359	555	122	102	56	50	41	28	38	71	74	52	14	4	2	1	65	49
	75%	76%	84%	10.1%	9.0%	7.4%	5.0%	6.8%	12.8%	13.3%	9.4%	2.5%	0.7%	0.4%	0.2%	11.7%	8.8%
4360	269	87	82	20	40	23	22	20	35	29	12	3	1	0	0	26	19
	81%	84%	94%	7.4%	14.9%	8.6%	8.2%	7.4%	13.0%	10.8%	4.5%	1.1%	0.4%	0.0%	0.0%	9.7%	7.1%

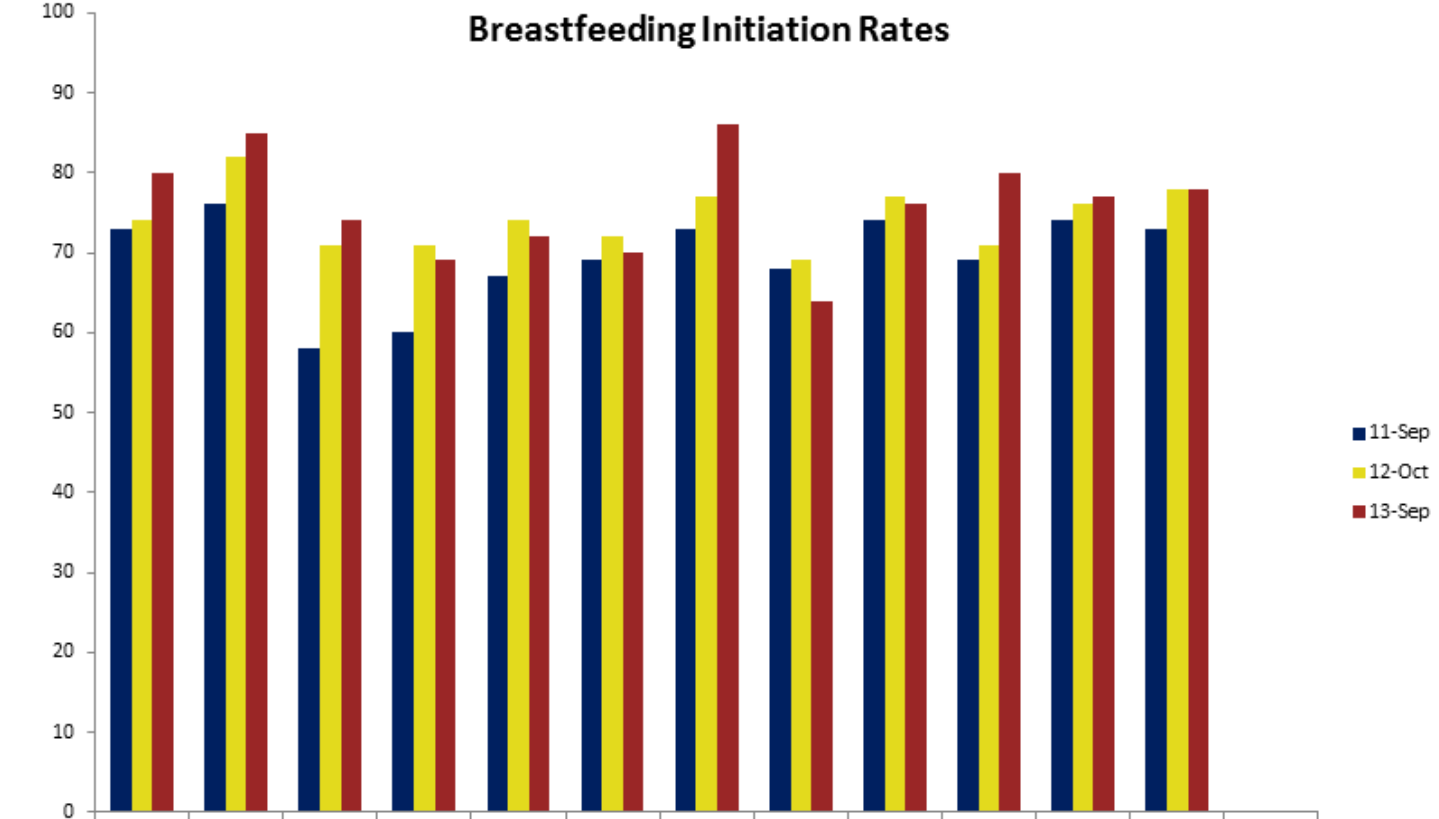
MI-WIC Breastfeeding Reports

* Data based on all active enrollees
* "On-demand" BF report
* Includes both infant and children in calculations
* Most useful for BF Initiation: Infants Only & Infants of Prenatal WIC Moms
* Clinic-specific data (helpful for districts)
* Used often for community presentations and staff recognition

WIC Makes A Positive Difference!



MI WIC Breastfeeding Reports…



	Crawford	Kalkaska	Lake	Manistee	Mason	Mecosta	Missaukee	White Cloud	Grant	Hart	Shelby	Wexford
11-Sep	73	76	58	60	67	69	73	68	74	69	74	73
12-Oct	74	82	71	71	74	72	77	69	77	71	76	78
13-Sep	80	85	74	69	72	70	86	64	76	80	77	78

Other Cool Data Stuff

Michigan WIC Top Ten List

Indicators	2003	2013	Progress Direction
First Trimester Entry into WIC	31.7	36.9	
Birth weight: • LBW <2500 g • Full Term LBW • HBW >4000 g • % Preterm Infants	7.3 -- 8.7 --	8.7 3.7 7.2 11.5	
Breastfeeding: • Initiation • 6 Months Duration	49.8 14.7	63.1 17.7	
Prenatal Weight Gain: • <Ideal • >Ideal	26.9 48.6	16.9 52.4	
Body weight: • 85th-<95th%, ≥2yrs • ≥95th%, ≥2yrs	16.1 12.9	16.8 14.1	
Anemia, Low Hg, 3rd 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: • Overweight/Obese • Underweight	51.0 5.2	56.0 4.3	

Michigan WIC Top 10 List

* GREAT for evaluation of Health Outcome TRENDS
* Use trend data for program management and CQI activities
* Idea: Customize this document for your local agency using PNSS and PedNSS reports and share with staff, administration, BOH and community partners

An Average Day in the Michigan WIC Program

An Average Day in the Michigan WIC Program

WIC 2012-2013

54% Of babies born in Michigan enroll in WIC

WIC families purchase over **$514,211** in healthy foods

90.5 % Of WIC families live below 150% of poverty.

38% Of pregnant mothers enroll in WIC during their first trimester.

11,556 Clients are served.

54.9% Of WIC mothers are overweight or obese pre-conception

WIC Families redeem **76%** Of their fresh fruits and vegetable benefits.

16.8% Of children are overweight and **14.1%** are obese.

8.9% Of infants are born at a low birth weight.

61.2% Of infants are breastfed.

An Average Day in the DHD #10 WIC Program

An Average Day in the DHD #10 WIC Program 2012-2013

285 clients are served

49% of pregnant mothers enroll in WIC during their first trimester

55.7% WIC mothers are overweight or obese pre-pregnancy

76.2% of WIC infants are breastfed

WIC families purchase over **$15,910 day** in healthy foods

90.5% of WIC families live below 150% of poverty

18.8% of children are overweight and **15.7%** are obese

7.7% of infants are born at a low birth weight

CQI: Everyone's Favorite Topic

* Why use QI:
* To improve public health service, processes and health outcomes
* To find more efficient ways to get work done
* To make decisions and evaluate changes USING DATA
* Not all changes are improvements!!

MIHP and WIC

AIM Statement:

By September 30, 2014, MIHP enrollment will increase by 20%.

The Team:

- MIHP and WIC staff in Mason, Mecosta, and Newaygo counties
- Meryl Smith
- Marcia Walter
- Anne Young
- Anne Bianchi

Results:

Enrollment increased by

44%

Health Department and WIC Annual Report to the Community

Women, Infants, and Children

Average Monthly Enrollment	9,293
% Return Rate	93%
# of Project Fresh Books Distributed	2,458
Value of Project Fresh Coupons	$73,740
Child Lead Screening	1,249

Our Breastfeeding Support Peer Counselors

Local WIC Nutrition

Positive Behavior Change in Young Children

At a recent WIC Dietitian appointment a mom said that the Sesame Street Nutrition book and DVD packet received at WIC has **greatly improved her son's willingness to try new foods**. He enjoys singing the phrases/songs from the shows. Mom plans to introduce **more vegetables in their family meals** and is excited to view the new recipe website provided by the WIC Dietitian.

The Importance of Breastfeeding

WIC Highlights:

- WIC Program was awarded a full accreditation status.
- WIC Breastfeeding Peer Counselor Program was funded with Michigan Department of Community Health and USDA. There are six WIC Peers and one MSUE Peer that help promote breastfeeding education lending to an increase in initiation rate, now at 75%!
- Fremont Area Community Foundation Project FRESH Expansion to help an additional 510 women and children
- Mason and Oceana County Community Foundation: Rock and Rest Outreach Project

In Summary….

* Michigan WIC is very fortunate to have so many quality data sources
* Data can be used by local staff in several venues (presentations, CQI, grant proposals, celebration of successes etc)
* WIC Health Outcome data can and should be shared with staff, administration and community partners
* Help is just an e-mail or a phone call away (Kobra:))

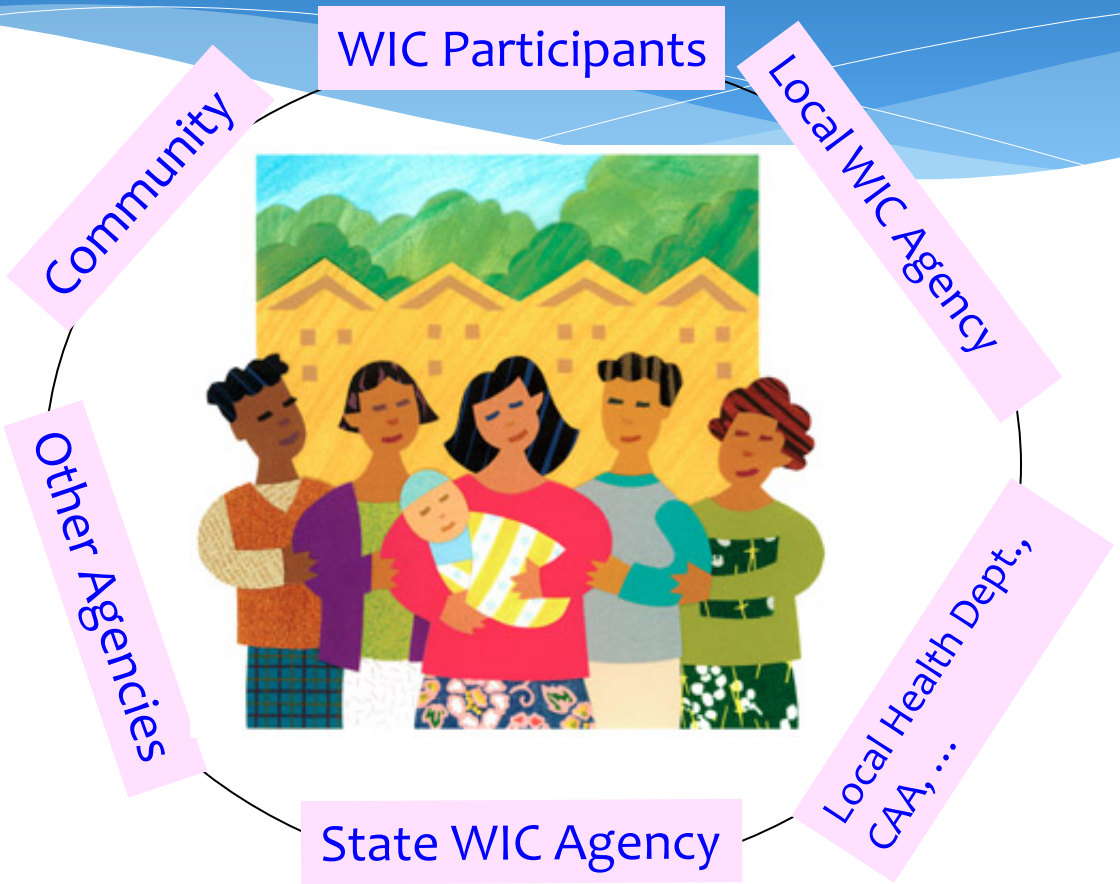
Thank you for your time and interest

* Contact information:

* Anne M. Bianchi, MS, RD
* abianchi@dhd10.org
* 231-876-3824

Action Plans

* Who
* What
* When
* Where
* Why



Images of Success

* Screening
* Assessment
* Education
* Evaluation

Quick and Easy Ways to Amp Your Energy

No matter how busy your life, you can find a few minutes to take an energizing break and free yourself from fatigue.

1. You may not be able to go to the health club to work out, but you *can* find the time to walk around the block.
2. You may not be able to get together with a good friend, but you *can* find the time to talk to her on the phone.
3. You may not be able to get a massage, but you *can* do 30 seconds of deep breathing.
4. You may not be able to go to the park to commune with nature, but you *can* buy a plant for your desk at work.

Reader Poll

We'd like to know your thoughts on fatigue:

1. Do you feel you're more fatigued than you should be?
☐ Yes ☐ No

2. Have you ever complained to your doctor about fatigue?
☐ Yes ☐ No

3. Do you find that you're more tired than your male friends or relatives?
☐ Yes ☐ No

4. After reading this article, do you now know the source of your fatigue?
☐ Yes ☐ No

You can tell us your answers in one of two ways:
VISIT OUR WEB SITE
www.Biography.com
or
FAX US 212-210-1326

We must receive your answers by January 15, 2002. The results will be posted on our Web site on January 15 and published in our March issue.

BIOGRAPHY
JAN/2002

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

- 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.
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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.

Update: Sept. 2014, KE

Research And Collaborations

* WIC Nutrition Education Study (NEST) - USDA/FNS
  All 48 Local Agencies are requested to complete the Nutrition Education Survey - 80 sites will be selected to participate in telephone interviews.
* WIC NSA Cost Study - USDA/FNS
  All 48 Local Agencies are requested to participate in this online survey
* WIC EBT High Risk Vendor Detection Study – USDA/FNS
  WIC EBT Data is used to identify characteristics for high risk vendors
* WIC Vendor Management EBT Study – USDA/FNS
  80 vendors in different counties across the state will be selected to complete compliance buys
* SEBTC – USDA/FNS
* Census Bureau Study
* Institute for Women's Policy research

* Intervention for Obesity - Elizabeth Kuhl, Wayne State University School of Medicine, in collaboration with Detroit IPH
* Barriers to and Motivators for Prevention of Excess Weight in During Pregnancy and Weight Loss in Postpartum- Mei Wei Chang, MSU, in collaboration with Genesee and Ingham County Health Departments
* Mother's In Motion – Mei- Wei Chang, MSU School of Nursing in collaboration with Calhoun, Kent, Jackson, Detroit, Benton Harbor

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 Michigan WIC data and the MI-PNSS & PedNSS.

* Special acknowledgement and appreciation to DSM Team Members:
  * Bagya Kodur, WIC Report Specialist
  * Ramesh Balyam, 3SSW Report Developer

* Enthusiastic thank you to our Data connoisseurs/ “geeks”: Ann Bianchi & Suzette Daly

An Introduction to User Developed Reports: The World of Pre-Defined Reports

Rick Schneider
State of Michigan
Department of Community Health
WIC Division

Overview

- Introduction and History of Pre-Defined Reports
- Report options in MIWIC
- Rules and Assumptions for Pre-Defined reports
- Components of Pre-Defined reports
- Walkthrough of Pre-Defined reports
- Contact information

Introductions

- Rick Schneider, MS
- Department Analyst for WIC Office
  - MIWIC report and data validation
  - Pre-Defined report design and development
  - Ad hoc reporting
- Presentation is a training for the Pre-Defined reports

History of Pre-Defined reports

- Interest from the Local Agencies
- Not possible to provide access in MTRACX

- Developed once we moved to MIWIC
- Input collected from State and Local Agencies

Report Options in MIWIC

Three different types of report

- Production reports
- Pre-Defined reports
- Ad Hoc reports

Production Reports

- MIWIC reports frequently used by local agencies
- System defined reports
  - Provides data based on date and organization level parameters
- Examples include:
  - Caseload reports
  - Active Enrollees by Zip Code

Pre-Defined Reports

- User defined and generated
- An Al a Carte of report characteristics
  - Type of report
  - Scope of report
  - Report characteristics (filters)
- Increased flexibility at the local level
- Controlled Flexibility
  - Structured
  - Ensures data quality

Ad Hoc Reports

- Provide data to questions that can't be answered through other types of reports
  - Historical data
  - Terminated clients
  - Client characteristics not available in Pre-Defined reports
- Recurring Ad-Hoc requests may become Pre-Defined options
- Ad hoc reports can be generated by submitting a request to your State Consultant.

Rules and Assumptions of Pre-Defined Reports

- Assumptions and Controls
- Location in MI-WIC

Pre-Defined Assumptions

- Provides data for Point-In-Time reporting
  - >90% of all ad hoc reports
  - No need to take dates into consideration
- Only reports on currently active clients
  - >95% of all ad hoc reports include currently active enrollees

Controls

- Pre-Defined report criteria can not be saved for later use
- Access based on user roles.
  - Currently available to WIC Coordinators
- Access to organizational data
  - WIC Coordinators will determine who has access to Pre-Defined reports
  - Access is <u>not</u> differentiated within Pre-Defined reports
  - Users assigned roles at a select clinic level will have access to Local Agency level data as well, even if they are not assigned access to all clinics.

Location in MI-WIC

- Menu based
  - Replaces the client information screens
  - Maintains MI-WIC Toolbar and Jelly Beans
    - If you select a Jelly Bean, MIWIC Icon, or other navigation tool, you will lose all Pre-Defined report work

Search - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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- Add Complaint
- Appeals and Fair Hearings
- Authorized Vendors
- Communications
- Compliance Investigations
- Formula Calculator
- Images
- NE Plan/ VOC
- Notes and Alerts
- Pre-defined Reports
- RD Approval Queue
- Resolve CSFP Dual Enrollment
- Resolve Dual Enrollment
- Sanctions
- Scan
- Signature
- Special Population Issuance
- Survey
- Time Study Entry
- Transfers Out of State

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Scope
Local Agency | State | Clinic

Search
Search By
Client
Authorized Person
ID
Last Name
OR

Advanced Search
Soundex | Certified Only
Birth Date
Find

Last Name	First Name	I	Birth Date	BVT Date	Cert Start	Cert End	Ter

Print List | Print Labels

Make Active | Transfer In State | Cancel

Version: 4.0.0.8

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Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Monday 2/22/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

Version: 4.0.0.8

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Page Design

- Variable descriptions are listed on screen
- Selections primarily made with radio button or a check box
  - Radio buttons allow only one selection

    ○ Yes ◉ No

  - Check boxes allow one or more selections

    ☑ BE Woman BF Exclusively ☑ IBE Infant BF Exclusively
    ☑ BP Woman BF Partially ☐ IBP Infant BF Partially

  - Other selections include text boxes and drop down lists
- Navigation buttons appear at bottom right of screen

Navigation Buttons

- Navigation Buttons
  - Cancel button
  - Next button
  - Summary button
  - Start Over button
  - Submit button
- Filter variable navigation buttons

Components of Pre-Defined Reports

Four parts of a Pre-Defined Report

- Type of Report
- Organization Level
- Output Characteristics
- Filtering Variables

Types of Report

- Three types of reports
  - Labels
  - Listing
  - Frequency

  - *Coming soon – Cross tab report*

Label Reports

- One of the most common Ad Hoc requests
- Allows the user to produce standard set of mailing labels for their Local Agency/Clinic.
- One standard mailing label size (Avery 5160)
- Mailing labels addressed to Authorized Person
  - Includes family number at top of mailing label

Label Reports (cont.)

- Mailing labels are deduplicated at family level
- Printing – Set page scaling to none

https://sso.state.mi.us/dch-miwicuat/reports/rwservlet?miwics&report=c:\reports\Clinic\RPT_Prin - Microsoft Internet Explorer

1 / 1 102% Sign Find

7600464

Jane Test1
123 Main
Haslett, MI 48840

7600483

James Test10
777 Jarmin
Haslett, MI 48840

7600466

Rose Test2
111 Stirling
Haslett, MI 48840

7600481

Lucy Test9
2113 Burdic
Haslett, MI 48840

https://sso.state.mi.us/dch-miwicuat/reports/rwservlet?miwics&report=c:\reports\Clinic\RPT_Prin - Microsoft Internet Explorer

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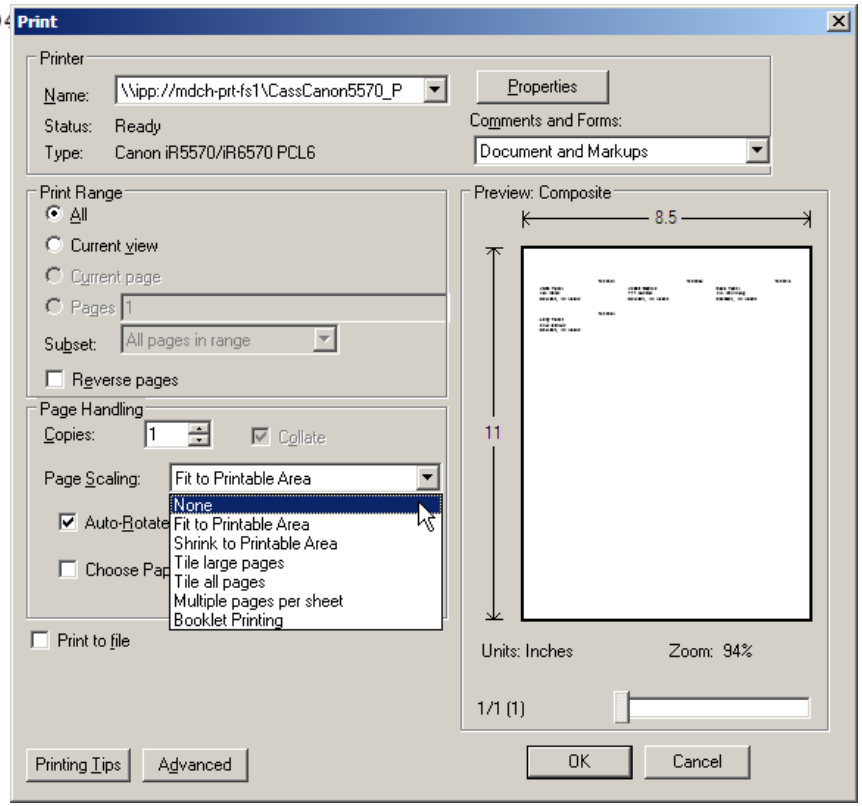

Listing Reports

- Provides a listing of all clients who meet the filter criteria
- Users can have a total of 12 columns in their listing report (includes standard columns)
- Five standard columns always included
  - Local Agency/Clinic number
  - Client ID
  - Client First Name
  - Client Last Name
  - Client Category
- Sorted ascending based on Local agency/clinic number and Client ID

https://sso.state.mi.us/dch-miwicuat/reports/rwservlet?miwics&report=c:\reports\Clinic\RPT_Pred - Microsoft Internet Explorer

LA American Indian, Black Hawaiian with Medicaid

Date Generated:03/01/2010

LA/Clinic	Client ID	First Name	Last Name	Current Client Category	Race	Adjunct Medicaid
973301	300620075	Cuba	Test6	C4	American Indian Or Alaskan Native	Yes
973301	300620076	Baby	Test7	IBE	Black or African American	Yes
973301	300620079	Cindy	Test10	C2	Native Hawaiian Or Other Pacific Islander	Yes

Note: Report only shows currently active enrollees.

Frequency Reports

- Answers the "How many…" question
- Provides a count and percentage of clients who meet the user defined output characteristic
  - Includes standard filtering options
- Allows user to select some production report characteristics
  - Breastfeeding initiation, duration, and exclusivity
- Percentage provided for clients on the report only

Clinic 4107 Clients w/Income $500-5000 in Zip 49503,49504,49505

Date Generated: 03/01/2010

WIC Client Category	*Frequency*	Percentage %
IBE	7	2.82
IBP	6	2.42
IFF	67	27.02
C1	41	16.53
C2	25	10.08
C3	14	5.65
C4	15	6.05
PG	30	12.1
BE	7	2.82
BP	7	2.82
NPP	29	11.69
Total	**248**	

Organizational Level

Organization Level

- User selects what level they want the report to run for
- User can only select one LA/Clinic at a time
- Utilizes a drop down listing sorted by Clinic Number
- Users can run for clinics which they are assigned rights to
  - Can run at Local Agency level regardless of assigned clinic rights

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

Version: 4.0.0.8

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Output Characteristics

- Used for Frequency and Cross tab reports *only*
- Groups returned results based on selected characteristic
- Can only select one characteristic for Frequency reports
- Users can limit groups included in report with filtering variables

Displaying Output Characteristics

- Frequency report groups can be tailored by using the filtering variables.
  - Trimester at WIC enrollment filtered by "1st trimester" will display results for 1st trimester only
- For ease of use, age and income output characteristics appear in ranges respectively
  - Prevents long lists
  - Increases system efficiency

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Active Record

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Logoff

Please select the output characteristics for the report.

Major Characteristics

- Breastfeeding Initiation
- Breastfeeding Duration
- Breastfeeding Exclusivity
- Risk Code
- Assigned Formula
- Food Package

Minor Characteristics

- WIC Client Category
- Race
- Ethnicity (Arabic)
- Ethnicity (Hispanic)
- Zip Code of Residence
- Age of Client in Months
- Age of Client in Years
- County of Residence
- Client's Attained Education
- Trimester at WIC Enrollment
- Annual Family Income
- High Risk Flag

Start Over | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Filtering Variables

- Allows user to select who they want to appear in the report
- Filters not selected are ignored
  - (e.g. if no race is selected, all races are included)
- No results returned = no clients match criteria

Filtering Variables (cont.)

- Based on Pre-Defined definition one filtering variable must be selected
  - Report will not generate without one
- Most ad hoc requests indicated the need to filter clients on some characteristic
- What if all clients are needed in a report?
  - Use production reports as applicable
    - Alphabetical Listing of WIC Auth Pers and Enrollees

Filtering Variables (cont.)

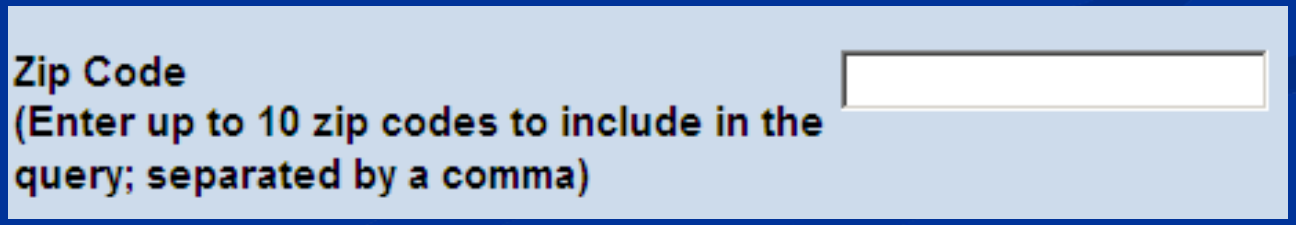
- When users are filtering variables, it is important to realize if you are making an and/or statement
- Pre-Defined reports provide flexibility to do both.
- When user selects across filtering variables they are indicating an ‘and’ response
- When users select within a filtering variable, they are indicating an ‘or’ response

Examples of using filtering variables

- ‘And’ includes two or more filtering variables
  - (e.g. A listing of all clients from my local agency who are White <u>and</u> a C1)
- ‘Or’ includes multiple selections within a filter variables
  - (e.g. A listing of all clients who are a C1, or C2, or PG)
- Typically ‘And’ statements are more selective than ‘Or’ statements
- You can use the ‘And’ and ‘Or’ in combination with each other

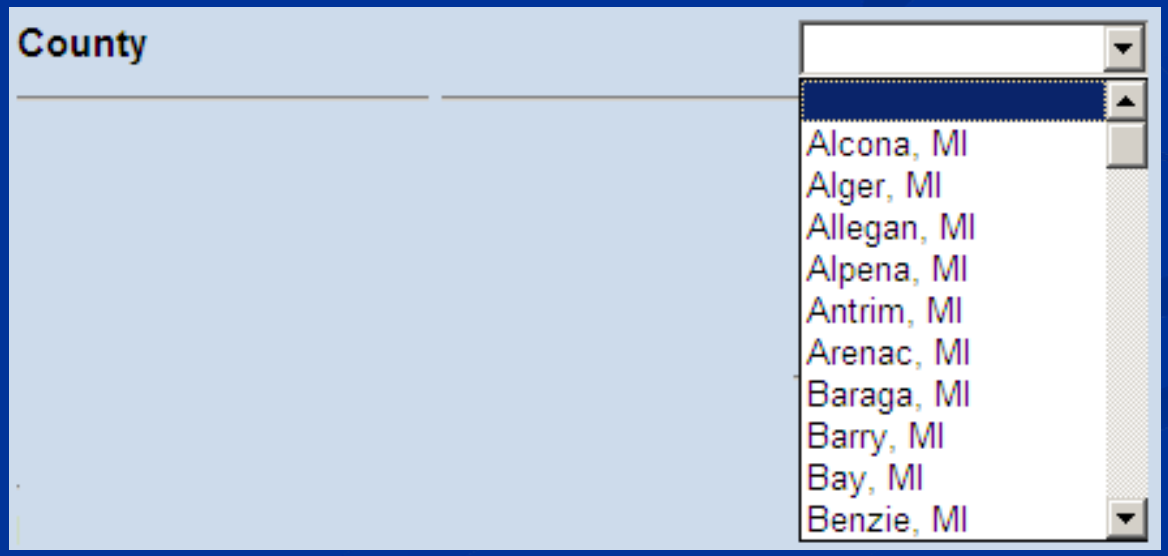
Specific Filtering Variables

- Zip Code
  - Allows the user to make up to 10 choices
  - Zip codes must be separated by a comma
    - If a comma isn't used, that value will be skipped
  - Based on street zip code, not mailing zip code
  - Invalid zip codes will be skipped
    - Zip codes with letters
    - Incomplete zip codes



Specific Filtering Variables

- County of Residence
  - Allows the user to make one selection at a time
  - Based on their street address
    - Not mailing address
  - Utilizes drop down listing
    - In Alphabetical order



Specific Filtering Variables

- Race
  - Allows the user to make one or more selections based on client race
  - Ethnicity is a separate variable

Race

- ☐ American Indian or Alaskan Native
- ☐ Asian
- ☐ Black or African American
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ White
- ☐ Multi-Racial

Race Filtering variables (cont.)

- Multi-Racial vs. multiple race selections
  - If a user selects "Multi-Racial" results will return all clients with multiple selections on the Client Additional Information screen.
  - If a user selects multiple race selections results will return only clients with those individual race characteristics
    - Example: selecting "White" and "Asian" will return clients who are White only and Asian only; <u>not</u> clients who are both White and Asian

Specific Filtering Variables

- Ethnicity
  - Arabic and Hispanic Ethnicity
  - Users can specify to include or exclude
    - Double click on radio button to remove selection
  - Each ethnicity is exclusive
  - Distinct from Race filtering variables
    - Can be used in combination to get finely detailed results
    - i.e. White Arabic is more precise than Arabic

Ethnicity (Arabic)	○ Yes ○ No
Ethnicity (Hispanic/Latino)	○ Yes ○ No

Specific Filtering Variables

- Client's Attained Education
  - Addresses the client's highest attained education as record in MIWIC
    - Clients wont appear in education levels already attained
    - Selections are exclusive
  - User can make multiple selections

Client's Attained Education

- ☐ None or Kindergarten only
- ☐ 1st grade
- ☐ 2nd grade
- ☐ 3rd grade
- ☐ 4th grade
- ☐ 5th grade
- ☐ 6th grade
- ☐ 7th grade
- ☐ 8th grade
- ☐ 9th grade
- ☐ 10th grade
- ☐ 11th grade
- ☐ 12th grade or GED equivalent
- ☐ 1 year of college
- ☐ 2 years of college
- ☐ 3 years of college
- ☐ 4 or 5 years of college
- ☐ 1 year of graduate school
- ☐ 2 or more years of graduate school
- ☐ Not Applicable
- ☐ Unknown

Specific Filtering Variables

- High Risk Designation
  - Returns all clients who are identified as being high risk as indicated in MIWIC
    - Does not specify the risk factor that is causing the high risk
  - Clients with one high risk indicator are considered high risk

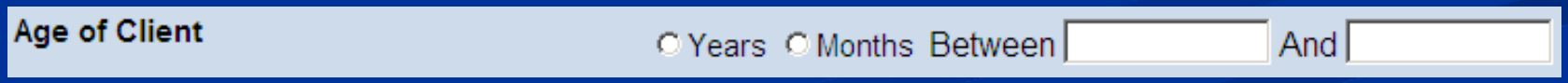
Specific Filtering Variables

- Risk Factor Code
  - Allows the user to make up to 10 choices
  - Risk codes must be separated by a comma and wont include a decimal (i.e. 201.01 should be written as 20101)
    - If a comma isn't used, that value will be skipped
  - Invalid risk codes will be skipped
    - Risk codes with letters
    - Incomplete risk codes

Risk Factor
(Enter up to 10, 5-digit risk codes with no decimal to include in the query; separated by a comma)

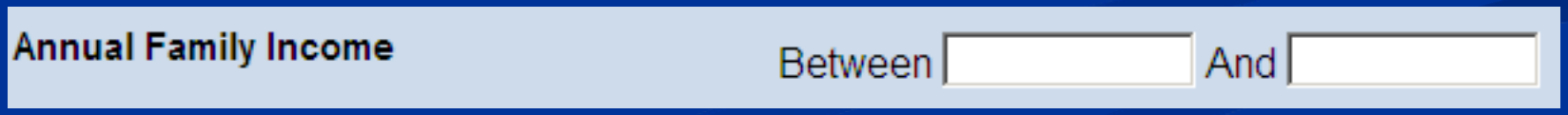
Specific Filtering Variables

- Age of Client
  - Evaluates the client's current age
  - Requires users to select either month or year
  - Range must be between 0 and 99
    - Range end values are inclusive
    - To select a specific age, use the same value on both sides of the range
  - Infants with age of zero is accurate
  - Age will only count for year or month the client has attained.



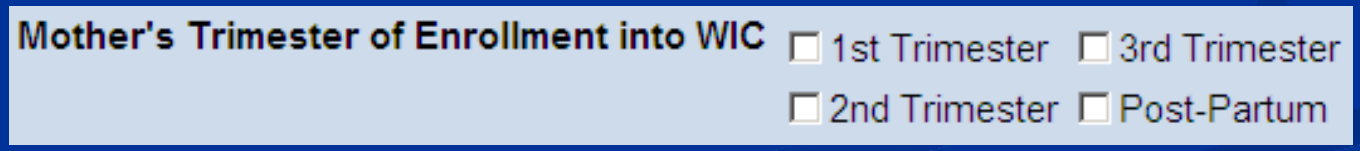
Specific Filtering Variables

- Annual Income
  - Calculated based on Family Income screen
  - Data provided at the family level
  - Range can not include negative numbers
- Foster children
  - Income is calculated separately if the value is foster child related.
    - Only if amount is entered separately on the Income Information Screen



Specific Filtering Variables

- Mother's Trimester at Enrollment into WIC
  - Selects clients based on their trimester during their current enrollment into WIC
  - Based on calculation from LMP and EDD to determine weeks of pregnancy at enrollment
  - Includes all WIC categories, not just PGs
    - Can filter for just PGs by filtering across variables
  - Clients will appear in only one selection



Specific Filtering Variables

- WIC Client Category
  - One of the most common variables for filtering in MIWIC
  - Selects individuals based on their current WIC Category
  - Often used in conjunction with other filtering variables
  - User can make multiple selections

WIC Client Category

- ☐ BE Woman BF Exclusively
- ☐ BP Woman BF Partially
- ☐ C1 Child Age 1
- ☐ C2 Child Age 2
- ☐ C3 Child Age 3
- ☐ C4 Child Age 4
- ☐ IBE Infant BF Exclusively
- ☐ IBP Infant BF Partially
- ☐ IFF Infant Formula Fed
- ☐ PG Woman Pregnant
- ☐ NPP Non-Lactating Post-Partum

Specific Filtering Variables

- Adjunct Eligibility
  - Identifies clients based on their verified adjunct eligibility status
  - Each adjunct eligibility type is independent
  - Includes all three programmatic adjunct eligibility types
    - Medicaid
    - Food Stamps
    - FIP
  - Also include general adjunct eligibility flag
    - General – Non program specific. Identified using "Client is Adjunctly Eligible" selection

Client Adjunct Eligibility (Medicaid)	○ Yes ○ No
Client Adjunct Eligibility (Food Stamps)	○ Yes ○ No
Client Adjunct Eligibility (FIP)	○ Yes ○ No
Client is Adjunctly Eligible	○ Yes ○ No

Report Summary Screen

- Final recap of all report characteristics
- User provided title required
- Display report criteria check box
  - Encouraged, but not required
- Report running indicator at bottom of screen

- What if you don't like your report?
  - Make changes to the filters
  - Start over

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Client Listings

Organization Level: State

Output Characteristics:

Filters:

Name	Values
County:	Wayne, MI
Race:	Black or African American, White
WIC Client Category:	BE Woman BF Exclusively, BP Woman BF Partially, PG Woman Pregnant
Client Adjunct Eligibility (Medicaid):	Yes
Client Adjunct Eligibility (Food Stamps):	No
Client Adjunct Eligibility (FIP):	No

Title for Report*: Pre-Defined Report Test

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

Running Report... SCHNEIDERR1 000000 State Agency miwics

Printing your reports

- Reports appear in PDF
- User needs to change print setting depending on report type
  - Labels
    - Page Scaling = None
  - Listing/Frequency reports
    - Page Scaling = Fit to Printable Area

https://sso.state.mi.us/dch-miwicuat/reports/rwservlet?miwics&report=c:\reports\Clinic\RPT_Prin - Microsoft Internet Explorer

1 / 1 102% Sign Find

7600464

Jane Test1
123 Main
Haslett, MI 48840

7600483

James Test10
777 Jarmin
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7600466

Rose Test2
111 Stirling
Haslett, MI 48840

7600

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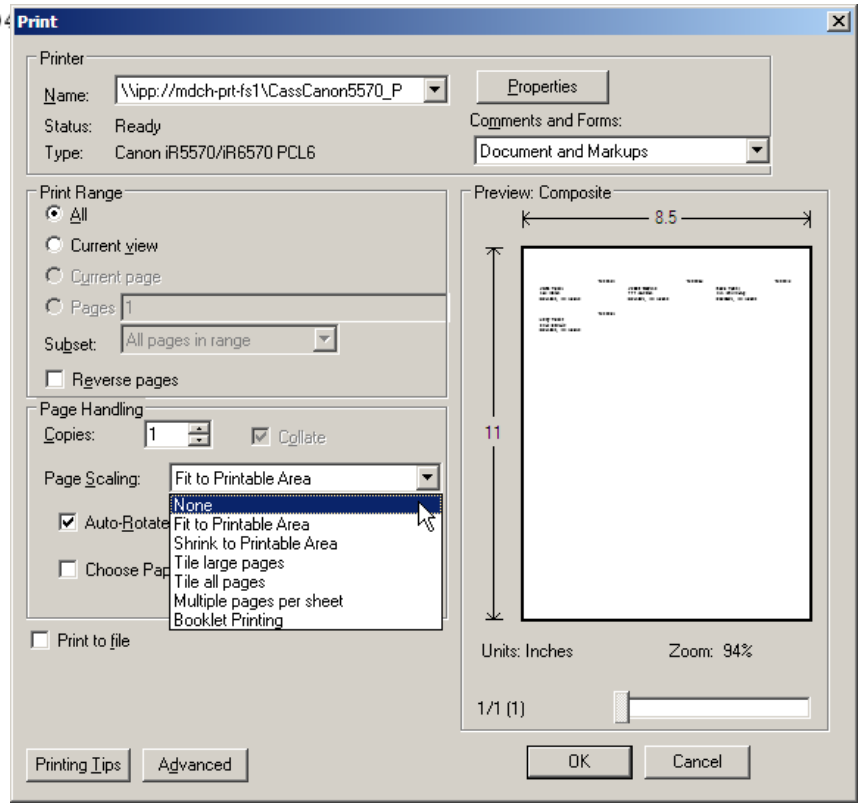

Pre-Defined Report Walkthrough

Helpful hints and tips

- It is a good idea to write down the question you are trying to answer with your Pre-Defined report before you run it
- Make your question descriptive
- Client category is based on their current category
- Always remember Pre-Defined reports are point in time and include currently active clients only
- The State Office is here to help

Walkthrough Generating Labels

- I want to produce Pre-Defined Clinic 01 mailing labels for PG and C2 clients who live in Ingham County.

Search - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Active Record

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Client Care
Logoff

Scope
- (•) Local Agency
- ( ) State
- ( ) Clinic

Local Agency/Clinic Name
970000 Predefined Local Agency

Search

Search By
- (•) Client
- ( ) Authorized Person

ID
Last Name
OR
First Name
Birth Date
Find

Advanced Search
☐ Soundex ☐ Certified Only

	Last Name	First Name	I	Birth Date	AP Last Name	AP First Name	Cat	BVT Date	Cert Start	Cert End	Ter

Print List | Print Labels

Make Active | Transfer In State | Cancel

Version: 4.0.0.8

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MI-WIC
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Michigan WIC

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Scope
- (•) Local Agency
- ( ) State
- ( ) Clinic

Local Agency/Clinic Name
970000 Predefined Local Agency

Search

Search By
- (•) Client
- ( ) Authorized Person

ID
Last Name
OR
First Name
Birth Date
Find

Advanced Search
☐ Soundex ☐ Certified Only

	Last Name	First Name	I	Birth Date	AP Last Name	AP First Name	Cat	BVT Date	Cert Start	Cert End	Ter

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Search - Microsoft Internet Explorer

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- Add Complaint
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Advanced Search
Soundex | Certified Only
Birth Date
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Last Name	First Name	I	Birth Date	BVT Date	Cert Start	Cert End	Ter

Print List | Print Labels

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Local Agency | State | Clinic

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Search By
Client
Authorized Person
ID
Last Name
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Advanced Search
Soundex | Certified Only
Birth Date
Find

Last Name	First Name	I	Birth Date	BVT Date	Cert Start	Cert End	Ter

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Cancel →

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SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 970000 Predefined Local Agency miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- (•) Address Labels
- ( ) Client Listings
- ( ) Frequency Table

Please select the Organization Level for your report.

- ( ) State
- ( ) Local Agency
- ( ) Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 970000 Predefined Local Agency miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- (•) Address Labels
- ( ) Client Listings
- ( ) Frequency Table

Please select the Organization Level for your report.

- ( ) State
- ( ) Local Agency
- ( ) Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 970000 Predefined Local Agency miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- (•) Address Labels
- ( ) Client Listings
- ( ) Frequency Table

Please select the Organization Level for your report.

- ( ) State
- ( ) Local Agency
- (•) Clinic

973301 Predefined Clinic 1
973302 Predefined Clinic 2

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- (•) Address Labels
- ( ) Client Listings
- ( ) Frequency Table

Please select the Organization Level for your report.

- ( ) State
- ( ) Local Agency
- (•) Clinic — 973301 Predefined Clinic 1

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- (•) Address Labels
- ( ) Client Listings
- ( ) Frequency Table

Please select the Organization Level for your report.

- ( ) State
- ( ) Local Agency
- (•) Clinic — 973301 Predefined Clinic 1

Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County

Race
- ☐ American Indian or Alaskan Native
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ Asian
- ☐ White
- ☐ Black or African American
- ☐ Multi-Racial

Ethnicity (Arabic) ○ Yes ○ No

Ethnicity (Hispanic/Latino) ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County

Race
- American Indian or Alaskan Native
- Asian
- Black or African American
- Native Hawaiian or Other Pacific Islander
- White
- Multi-Racial

Ethnicity (Arabic) Yes No

Ethnicity (Hispanic/Latino) Yes No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

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Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County

Alcona, MI
Alger, MI
Allegan, MI
Alpena, MI
Antrim, MI
Arenac, MI
Baraga, MI
Barry, MI
Bay, MI
Benzie, MI

Race

or Alaskan
American
Native Hawaiian or Other Pacific Islander
White
Multi-Racial

Ethnicity (Arabic)

Ethnicity (Hispanic/Latino)
Yes No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County

Grand Traverse, MI
Gratiot, MI
Hillsdale, MI
Houghton, MI
Huron, MI
Ingham, MI
Ionia, MI
Iosco, MI
Iron, MI
Isabella, MI
Jackson, MI

Race

or Alaskan
American
Native Hawaiian or Other Pacific Islander
White
Multi-Racial

Ethnicity (Arabic)

Ethnicity (Hispanic/Latino)
Yes No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County: Ingham, MI

Race
- ☐ American Indian or Alaskan Native
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ Asian
- ☐ White
- ☐ Black or African American
- ☐ Multi-Racial

Ethnicity (Arabic): ○ Yes ○ No

Ethnicity (Hispanic/Latino): ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County: Ingham, MI

Race
- American Indian or Alaskan Native
- Asian
- Black or African American
- Native Hawaiian or Other Pacific Islander
- White
- Multi-Racial

Ethnicity (Arabic): Yes No

Ethnicity (Hispanic/Latino): Yes No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Client's Attained Education

- ☐ None or Kindergarten only
- ☐ 1st grade
- ☐ 2nd grade
- ☐ 3rd grade
- ☐ 4th grade
- ☐ 5th grade
- ☐ 6th grade
- ☐ 7th grade
- ☐ 8th grade
- ☐ 9th grade
- ☐ 10th grade
- ☐ 11th grade
- ☐ 12th grade or GED equivalent
- ☐ 1 year of college
- ☐ 2 years of college
- ☐ 3 years of college
- ☐ 4 or 5 years of college
- ☐ 1 year of graduate school
- ☐ 2 or more years of graduate school
- ☐ Not Applicable
- ☐ Unknown

High Risk

○ Only high risk clients ○ No high risk clients

Risk Factor
(Enter up to 10, 5-digit risk codes with no decimal to include in the query; separated by a comma)

Age of Client

○ Years ○ Months Between _____ And _____

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
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Michigan WIC

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Active Record

Scheduling Tasks
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Logoff

Please specify the filtering criteria for the report.

Client's Attained Education

- ☐ None or Kindergarten only
- ☐ 1st grade
- ☐ 2nd grade
- ☐ 3rd grade
- ☐ 4th grade
- ☐ 5th grade
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- ☐ 1 year of college
- ☐ 2 years of college
- ☐ 3 years of college
- ☐ 4 or 5 years of college
- ☐ 1 year of graduate school
- ☐ 2 or more years of graduate school
- ☐ Not Applicable
- ☐ Unknown

High Risk

○ Only high risk clients ○ No high risk clients

Risk Factor
(Enter up to 10, 5-digit risk codes with no decimal to include in the query; separated by a comma)

Age of Client

○ Years ○ Months Between _____ And _____

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

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Active Record

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Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- ☐ 1st Trimester
- ☐ 3rd Trimester
- ☐ 2nd Trimester
- ☐ Post-Partum

WIC Client Category
- ☐ BE Woman BF Exclusively
- ☐ IBE Infant BF Exclusively
- ☐ BP Woman BF Partially
- ☐ IBP Infant BF Partially
- ☐ C1 Child Age 1
- ☐ IFF Infant Formula Fed
- ☐ C2 Child Age 2
- ☐ PG Woman Pregnant
- ☐ C3 Child Age 3
- ☐ NPP Non-Lactating Post-Partum
- ☐ C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

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Active Record

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Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- ☐ 1st Trimester
- ☐ 3rd Trimester
- ☐ 2nd Trimester
- ☐ Post-Partum

WIC Client Category
- ☐ BE Woman BF Exclusively
- ☐ IBE Infant BF Exclusively
- ☐ BP Woman BF Partially
- ☐ IBP Infant BF Partially
- ☐ C1 Child Age 1
- ☐ IFF Infant Formula Fed
- ☐ C2 Child Age 2
- ☐ PG Woman Pregnant
- ☐ C3 Child Age 3
- ☐ NPP Non-Lactating Post-Partum
- ☐ C4 Child Age 4

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Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

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Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- ☐ 1st Trimester
- ☐ 3rd Trimester
- ☐ 2nd Trimester
- ☐ Post-Partum

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- ☐ IBE Infant BF Exclusively
- ☐ BP Woman BF Partially
- ☐ IBP Infant BF Partially
- ☐ C1 Child Age 1
- ☐ IFF Infant Formula Fed
- ☐ C2 Child Age 2
- ☑ PG Woman Pregnant
- ☐ C3 Child Age 3
- ☐ NPP Non-Lactating Post-Partum
- ☐ C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

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Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
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- ☐ 2nd Trimester
- ☐ Post-Partum

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- ☐ BP Woman BF Partially
- ☐ IBP Infant BF Partially
- ☐ C1 Child Age 1
- ☐ IFF Infant Formula Fed
- ☐ C2 Child Age 2
- ☑ PG Woman Pregnant
- ☐ C3 Child Age 3
- ☐ NPP Non-Lactating Post-Partum
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Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

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Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- [ ] 1st Trimester
- [ ] 3rd Trimester
- [ ] 2nd Trimester
- [ ] Post-Partum

WIC Client Category
- [ ] BE Woman BF Exclusively
- [ ] IBE Infant BF Exclusively
- [ ] BP Woman BF Partially
- [ ] IBP Infant BF Partially
- [ ] C1 Child Age 1
- [ ] IFF Infant Formula Fed
- [x] C2 Child Age 2
- [x] PG Woman Pregnant
- [ ] C3 Child Age 3
- [ ] NPP Non-Lactating Post-Partum
- [ ] C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

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Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

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SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

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Scheduling Tasks
Guided Script
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Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- [ ] 1st Trimester
- [ ] 3rd Trimester
- [ ] 2nd Trimester
- [ ] Post-Partum

WIC Client Category
- [ ] BE Woman BF Exclusively
- [ ] IBE Infant BF Exclusively
- [ ] BP Woman BF Partially
- [ ] IBP Infant BF Partially
- [ ] C1 Child Age 1
- [ ] IFF Infant Formula Fed
- [x] C2 Child Age 2
- [x] PG Woman Pregnant
- [ ] C3 Child Age 3
- [ ] NPP Non-Lactating Post-Partum
- [ ] C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

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Management Information
Michigan WIC

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Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

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- ☐ BP Woman BF Partially
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- ☐ C1 Child Age 1
- ☐ IFF Infant Formula Fed
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1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Address Labels

Organization Level: Clinic (973301 Predefined Clinic 1)

Output Characteristics:

Filters:

Name	Values
County:	Ingham, MI
WIC Client Category:	C2 Child Age 2, PG Woman Pregnant

Title for Report*:

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Address Labels

Organization Level: Clinic (973301 Predefined Clinic 1)

Output Characteristics:

Filters:

Name	Values
County:	Ingham, MI
WIC Client Category:	C2 Child Age 2, PG Woman Pregnant

Title for Report*:

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

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Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Address Labels

Organization Level: Clinic (973301 Predefined Clinic 1)

Output Characteristics:

Filters:

Name	Values
County:	Ingham, MI
WIC Client Category:	C2 Child Age 2, PG Woman Pregnant

Title for Report*: PG and C2 clients in Ingham County

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Address Labels

Organization Level: Clinic (973301 Predefined Clinic 1)

Output Characteristics:

Filters:

Name	Values
County:	Ingham, MI
WIC Client Category:	C2 Child Age 2, PG Woman Pregnant

Title for Report*: PG and C2 clients in Ingham County

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

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MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Address Labels

Organization Level: Clinic (973301 Predefined Clinic 1)

Output Characteristics:

Filters:

Name	Values
County:	Ingham, MI
WIC Client Category:	C2 Child Age 2, PG Woman Pregnant

Title for Report*: PG and C2 clients in Ingham County

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

Running Report... SCHNEIDERR1 970000 Predefined Local Agency miwics

https://sso.state.mi.us/dch-miwicuat/reports/rwservlet?miwics&report=c:\reports\Clinic\RPT_Prin - Microsoft Internet Explorer

1 / 1 102% Sign Find

7600464

Jane Test1
123 Main
Haslett, MI 48840

7600483

James Test10
777 Jarmin
Haslett, MI 48840

7600466

Rose Test2
111 Stirling
Haslett, MI 48840

7600481

Lucy Test9
2113 Burdic
Haslett, MI 48840

https://sso.state.mi.us/dch-miwicuat/reports/rwservlet?miwics&report=c:\reports\Clinic\RPT_Prin - Microsoft Internet Explorer

1 / 1 102% Sign Find

7600464

Jane Test1
123 Main
Haslett, MI 48840

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Haslett, MI 48840

7600481

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2113 Burdic
Haslett, MI 48840

https://sso.state.mi.us/dch-miwicuat/reports/rwservlet?miwics&report=c:\reports\Clinic\RPT_Prin - Microsoft Internet Explorer

1 / 1 102% Sign Find

7600466

Jane Test1
123 Main
Haslett, MI 48840

Lucy Test9
2113 Burdic
Haslett, MI 48840

Print

Printer
Name: \\ipp://mdch-prt-fs1\CassCanon5570_P
Properties
Status: Ready
Type: Canon iR5570/iR6570 PCL6
Comments and Forms:
Document and Markups

Print Range
All
Current view
Current page
Pages 1
Subset: All pages in range
Reverse pages

Page Handling
Copies: 1
Collate
Page Scaling: Fit to Printable Area
Auto-Rotate and Center
Choose Paper Source by PDF page size

Print to file

Preview: Composite
8.5
11
Units: Inches
Zoom: 94%
1/1 (1)

Printing Tips
Advanced
OK
Cancel

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7600466

Jane Test1
123 Main
Haslett, MI 48840

Lucy Test9
2113 Burdic
Haslett, MI 48840

Print

Printer
Name: \\ipp://mdch-prt-fs1\CassCanon5570_P
Properties
Status: Ready
Type: Canon iR5570/iR6570 PCL6
Comments and Forms:
Document and Markups

Print Range
All
Current view
Current page
Pages 1
Subset: All pages in range
Reverse pages

Page Handling
Copies: 1
Collate
Page Scaling: Fit to Printable Area
Auto-Rotate and Center
Choose Paper Source by PDF page size

Print to file

Preview: Composite
8.5
11
Units: Inches
Zoom: 94%
1/1 (1)

Printing Tips
Advanced
OK
Cancel

https://sso.state.mi.us/dch-miwicuat/reports/rwservlet?miwics&report=c:\reports\Clinic\RPT_Prin - Microsoft Internet Explorer

1 / 1 102% Sign Find

7600466

Jane Test1
123 Main
Haslett, MI 4 48840

Lucy Test9
2113 Burdic
Haslett, MI 4

Print

Printer
Name: \\ipp://mdch-prt-fs1\CassCanon5570_P
Properties
Status: Ready
Type: Canon iR5570/iR6570 PCL6
Comments and Forms:
Document and Markups

Print Range
All
Current view
Current page
Pages 1
Subset: All pages in range
Reverse pages

Page Handling
Copies: 1
Collate
Page Scaling: Fit to Printable Area
None
Fit to Printable Area
Shrink to Printable Area
Tile large pages
Tile all pages
Multiple pages per sheet
Booklet Printing
Auto-Rotate
Choose Pap
Print to file

Preview: Composite
8.5
11
Units: Inches
Zoom: 94%
1/1 (1)

Printing Tips
Advanced
OK
Cancel

https://sso.state.mi.us/dch-miwicuat/reports/rwservlet?miwics&report=c:\reports\Clinic\RPT_Prin - Microsoft Internet Explorer

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Printer
Name: \\ipp://mdch-prt-fs1\CassCanon5570_P
Status: Ready
Type: Canon iR5570/iR6570 PCL6
Properties
Comments and Forms: Document and Markups

Print Range
All
Current view
Current page
Pages 1
Subset: All pages in range
Reverse pages

Page Handling
Copies: 1
Collate
Page Scaling: None
Auto-Rotate and Center
Choose Paper Source by PDF page size

Print to file

Preview: Composite
8.5
11
Document: 8.5 x 11.0 in
Paper: 8.5 x 11.0 in
1/1 (1)

Printing Tips Advanced OK Cancel

Walkthrough Generating Listings

- I would like a listing of all clients in Pre-Defined Local Agency who are Native American/Alaskan Native, African-American/Black, or Hawaiian/Pacific Islander and have a verified adjunct eligibility for Medicaid.

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Guided Script
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- Local Agency
- Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

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Management Information
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Client Care
Logoff

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- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

Version: 4.0.0.8

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Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 970000 Predefined Local Agency miwics

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Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

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- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

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Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

970000 Predefined Local Agency

Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

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Michigan WIC

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Logoff

Please select the type of report you would like to run.

- Address Labels
- (•) Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- (•) Local Agency — 970000 Predefined Local Agency
- Clinic

Summary | Cancel | →

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- ○ Address Labels
- ◉ Client Listings
- ○ Frequency Table

Please select the Organization Level for your report.

- ○ State
- ◉ Local Agency — 970000 Predefined Local Agency
- ○ Clinic

Summary | Cancel | →

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County

Race
- ☐ American Indian or Alaskan Native
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ Asian
- ☐ White
- ☐ Black or African American
- ☐ Multi-Racial

Ethnicity (Arabic) ○ Yes ○ No

Ethnicity (Hispanic/Latino) ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

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County

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- Black or African American
- Native Hawaiian or Other Pacific Islander
- White
- Multi-Racial

Ethnicity (Arabic) Yes No

Ethnicity (Hispanic/Latino) Yes No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

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County

Race

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- [ ] Black or African American
- [ ] Native Hawaiian or Other Pacific Islander
- [ ] White
- [ ] Multi-Racial

Ethnicity (Arabic) ○ Yes ○ No

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1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

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1 2 3

Start Over | Summary | Cancel | →

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- [ ] Multi-Racial

Ethnicity (Arabic) ○ Yes ○ No

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1 2 3

Start Over | Summary | Cancel | →

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Ethnicity (Arabic) ○ Yes ○ No

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1 2 3

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1 2 3

Start Over | Summary | Cancel | →

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1 2 3

Start Over | Summary | Cancel | →

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- [ ] Asian
- [ ] White
- [x] Black or African American
- [ ] Multi-Racial

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1 2 3

Start Over | Summary | Cancel | →

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Please specify the filtering criteria for the report.

Client's Attained Education

- ☐ None or Kindergarten only
- ☐ 1st grade
- ☐ 2nd grade
- ☐ 3rd grade
- ☐ 4th grade
- ☐ 5th grade
- ☐ 6th grade
- ☐ 7th grade
- ☐ 8th grade
- ☐ 9th grade
- ☐ 10th grade
- ☐ 11th grade
- ☐ 12th grade or GED equivalent
- ☐ 1 year of college
- ☐ 2 years of college
- ☐ 3 years of college
- ☐ 4 or 5 years of college
- ☐ 1 year of graduate school
- ☐ 2 or more years of graduate school
- ☐ Not Applicable
- ☐ Unknown

High Risk

○ Only high risk clients ○ No high risk clients

Risk Factor
(Enter up to 10, 5-digit risk codes with no decimal to include in the query; separated by a comma)

Age of Client

○ Years ○ Months Between _____ And _____

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

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Pre-defined Reports - Microsoft Internet Explorer

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Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Tuesday 2/23/2010

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- ☐ 3rd grade
- ☐ 4th grade
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- ☐ 8th grade
- ☐ 9th grade
- ☐ 10th grade
- ☐ 11th grade
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- ☐ 2 years of college
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1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
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File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- ☐ 1st Trimester
- ☐ 3rd Trimester
- ☐ 2nd Trimester
- ☐ Post-Partum

WIC Client Category
- ☐ BE Woman BF Exclusively
- ☐ IBE Infant BF Exclusively
- ☐ BP Woman BF Partially
- ☐ IBP Infant BF Partially
- ☐ C1 Child Age 1
- ☐ IFF Infant Formula Fed
- ☐ C2 Child Age 2
- ☐ PG Woman Pregnant
- ☐ C3 Child Age 3
- ☐ NPP Non-Lactating Post-Partum
- ☐ C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
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Michigan WIC

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Active Record

Scheduling Tasks
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Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

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- ☐ C1 Child Age 1
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1 2 3

Start Over | Summary | Cancel | →

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Client Adjunct Eligibility (FIP) ○ Yes ○ No

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1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

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Pre-defined Reports - Microsoft Internet Explorer

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Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

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Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

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1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Summary

Report Type: Client Listings

Organization Level: Local Agency (970000 Predefined Local Agency)

Output Characteristics:

Filters:

Name	Values
Race:	American Indian or Alaskan Native, Black or African American, Native Hawaiian or Other Pacific Islander
Client Adjunct Eligibility (Medicaid):	Yes

Title for Report*:

Display Report Criteria? ☐ Yes

1 2 3

Start Over Cancel Submit

Pre-defined Reports - Microsoft Internet Explorer

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Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
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Logoff

Summary

Report Type: Client Listings

Organization Level: Local Agency (970000 Predefined Local Agency)

Output Characteristics:

Filters:

Name	Values
Race:	American Indian or Alaskan Native, Black or African American, Native Hawaiian or Other Pacific Islander
Client Adjunct Eligibility (Medicaid):	Yes

Title for Report*:

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

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Active Record

Scheduling Tasks
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Client Care
Logoff

Summary

Report Type: Client Listings

Organization Level: Local Agency (970000 Predefined Local Agency)

Output Characteristics:

Filters:

Name	Values
Race:	American Indian or Alaskan Native, Black or African American, Native Hawaiian or Other Pacific Islander
Client Adjunct Eligibility (Medicaid):	Yes

Title for Report*: LA American Indian, Black, Hawaiian with Medicaid

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

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Filters:

Name	Values
Race:	American Indian or Alaskan Native, Black or African American, Native Hawaiian or Other Pacific Islander
Client Adjunct Eligibility (Medicaid):	Yes

Title for Report*: LA American Indian, Black, Hawaiian with Medicaid

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Client Listings

Organization Level: Local Agency (970000 Predefined Local Agency)

Output Characteristics:

Filters:

Name	Values
Race:	American Indian or Alaskan Native, Black or African American, Native Hawaiian or Other Pacific Islander
Client Adjunct Eligibility (Medicaid):	Yes

Title for Report*: LA American Indian, Black, Hawaiian with Medicaid

Display Report Criteria? ☑ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Tuesday 2/23/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Client Listings

Organization Level: Local Agency (970000 Predefined Local Agency)

Output Characteristics:

Filters:

Name	Values
Race:	American Indian or Alaskan Native, Black or African American, Native Hawaiian or Other Pacific Islander
Client Adjunct Eligibility (Medicaid):	Yes

Title for Report*: LA American Indian, Black, Hawaiian with Medicaid

Display Report Criteria? ☑ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 970000 Predefined Local Agency | miwics

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Client Listings

Organization Level: Local Agency (970000 Predefined Local Agency)

Output Characteristics:

Filters:

Name	Values
Race:	American Indian or Alaskan Native, Black or African American, Native Hawaiian or Other Pacific Islander
Client Adjunct Eligibility (Medicaid):	Yes

Title for Report*: LA American Indian, Black Hawaiian with Medicaid

Display Report Criteria? ☑ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.9

Running Report... SCHNEIDERR1 000000 State Agency miwics

https://sso.state.mi.us/dch-miwicuat/reports/rwservlet?miwics&report=c:\reports\Clinic\RPT_Pred - Microsoft Internet Explorer

LA American Indian, Black Hawaiian with Medicaid

Date Generated:03/01/2010

LA/Clinic	Client ID	First Name	Last Name	Current Client Category	Race	Adjunct Medicaid
973301	300620075	Cuba	Test6	C4	American Indian Or Alaskan Native	Yes
973301	300620076	Baby	Test7	IBE	Black or African American	Yes
973301	300620079	Cindy	Test10	C2	Native Hawaiian Or Other Pacific Islander	Yes

Note: Report only shows currently active enrollees.

LA American Indian, Black Hawaiian with Medicaid

Date Generated:03/01/2010

Report Criteria

Filter	Value
Organization Level:	Local Agency (970000 Predefined Local Agency)
Race:	American Indian or Alaskan Native, Black or African American, Native Hawaiian or Other Pacific Islander
Client Adjunct Eligibility (Medicaid):	Yes

Note: Report only shows currently active enrollees.

https://sso.state.mi.us/dch-miwicuat/reports/rwservlet?miwics&report=c:\reports\Clinic\RPT_Pred - Microsoft Internet Explorer

1 / 2 71.1% Sign Find

LA American Indian, Black Hawaiian with Medicaid

Date Generated:03/01/2010

LA/Clinic	Client ID	First Name	Last Name	Current Client Category	Race	Adjunct Medicaid
973301	300620075	Cuba	Test6	C4	American Indian Or Alaskan Native	Yes
973301	300620076	Baby	Test7	IBE	Black or African American	Yes
973301	300620079	Ci				

Print

Printer
Name: \\ipp://mdch-prt-fs1\CassCanon5570_P
Status: Ready
Type: Canon iR5570/iR6570 PCL6
Properties
Comments and Forms: Document and Markups

Print Range
All
Current view
Current page
Pages 1 - 2
Subset: All pages in range
Reverse pages

Page Handling
Copies: 1
Collate
Page Scaling: None
Auto-Rotate and Center
Choose Paper Source by PDF page size

Print to file

Preview: Composite
11
8.5
Document: 11.0 x 8.5 in
Paper: 8.5 x 11.0 in
1/2 (1)

Printing Tips Advanced OK Cancel

Note: Report only shows currently active enrollees.

https://sso.state.mi.us/dch-miwicuat/reports/rwservlet?miwics&report=c:\reports\Clinic\RPT_Pred - Microsoft Internet Explorer

1 / 2 71.1% Sign Find

LA American Indian, Black Hawaiian with Medicaid

Date Generated:03/01/2010

LA/Clinic	Client ID	First Name	Last Name	Current Client Category	Race	Adjunct Medicaid
973301	300620075	Cuba	Test6	C4	American Indian Or Alaskan Native	Yes
973301	300620076	Baby	Test7	IBE	Black or African American	Yes
973301	300620079	Cindy	Test10	C2	Native Hawaiian	Yes

Print

Printer
Name: \\ipp://mdch-prt-fs1\CassCanon5570_P
Properties
Status: Ready
Type: Canon iR5570/iR6570 PCL6
Comments and Forms: Document and Markups

Print Range
All
Current view
Current page
Pages 1 - 2
Subset: All pages in range
Reverse pages

Page Handling
Copies: 1
Collate
Page Scaling: Fit to Printable Area
Auto-Rotate and Center
Choose Paper Source by PDF page size

Print to file

Preview: Composite
11
8.5
Units: Inches
Zoom: 94%
1/2 (1)

Printing Tips
Advanced
OK
Cancel

Note: Report only shows currently active enrollees.

Walkthrough Generating Frequency Report

- I would like a count of all WIC clients in Fuller Street Clinic (Kent County) grouped by WIC categories where the family annual income is between $500 and $5,000 and live in either zip code 49503, 49504, 49505.

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 000000 State Agency | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 000000 State Agency | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 000000 State Agency | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 410000 Kent County Health Dept. WIC Program miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

414103 Baxter Community Health Center WIC Clinic
414106 Sheldon WIC Clinic
414107 Fuller WIC Clinic
414109 North County WIC Clinic
414110 Westside WIC Clinic
414112 Clinica Santa Maria WIC Clinic
414113 Cherry St. Health Services WIC Clinic
414120 Wyoming WIC Clinic
414160 Kentwood WIC Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 410000 Kent County Health Dept. WIC Program | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- ○ Address Labels
- ○ Client Listings
- ◉ Frequency Table

Please select the Organization Level for your report.

- ○ State
- ○ Local Agency
- ◉ Clinic — 414107 Fuller WIC Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 410000 Kent County Health Dept. WIC Program | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- ○ Address Labels
- ○ Client Listings
- ◉ Frequency Table

Please select the Organization Level for your report.

- ○ State
- ○ Local Agency
- ◉ Clinic — 414107 Fuller WIC Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 410000 Kent County Health Dept. WIC Program | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the output characteristics for the report.

Major Characteristics

- Breastfeeding Initiation
- Breastfeeding Duration
- Breastfeeding Exclusivity
- Risk Code
- Assigned Formula
- Food Package

Minor Characteristics

- WIC Client Category
- Race
- Ethnicity (Arabic)
- Ethnicity (Hispanic)
- Zip Code of Residence
- Age of Client in Months
- Age of Client in Years
- County of Residence
- Client's Attained Education
- Trimester at WIC Enrollment
- Annual Family Income
- High Risk Flag

Start Over | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 000000 State Agency | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the output characteristics for the report.

Major Characteristics

- Breastfeeding Initiation
- Breastfeeding Duration
- Breastfeeding Exclusivity
- Risk Code
- Assigned Formula
- Food Package

Minor Characteristics

- WIC Client Category
- Race
- Ethnicity (Arabic)
- Ethnicity (Hispanic)
- Zip Code of Residence
- Age of Client in Months
- Age of Client in Years
- County of Residence
- Client's Attained Education
- Trimester at WIC Enrollment
- Annual Family Income
- High Risk Flag

Start Over | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 000000 State Agency | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the output characteristics for the report.

Major Characteristics

- ○ Breastfeeding Initiation
- ○ Breastfeeding Duration
- ○ Breastfeeding Exclusivity
- ○ Risk Code
- ○ Assigned Formula
- ○ Food Package

Minor Characteristics

- ☑ WIC Client Category
- ☐ Race
- ☐ Ethnicity (Arabic)
- ☐ Ethnicity (Hispanic)
- ☐ Zip Code of Residence
- ☐ Age of Client in Months
- ☐ Age of Client in Years
- ☐ County of Residence
- ☐ Client's Attained Education
- ☐ Trimester at WIC Enrollment
- ☐ Annual Family Income
- ☐ High Risk Flag

Start Over | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 000000 State Agency | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the output characteristics for the report.

Major Characteristics

- ○ Breastfeeding Initiation
- ○ Breastfeeding Duration
- ○ Breastfeeding Exclusivity
- ○ Risk Code
- ○ Assigned Formula
- ○ Food Package

Minor Characteristics

- ☑ WIC Client Category
- ☐ Race
- ☐ Ethnicity (Arabic)
- ☐ Ethnicity (Hispanic)
- ☐ Zip Code of Residence
- ☐ Age of Client in Months
- ☐ Age of Client in Years
- ☐ County of Residence
- ☐ Client's Attained Education
- ☐ Trimester at WIC Enrollment
- ☐ Annual Family Income
- ☐ High Risk Flag

Start Over | Cancel | →

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County

Race
- ☐ American Indian or Alaskan Native
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ Asian
- ☐ White
- ☐ Black or African American
- ☐ Multi-Racial

Ethnicity (Arabic) ○ Yes ○ No

Ethnicity (Hispanic/Latino) ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 000000 State Agency | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County

Race

- ☐ American Indian or Alaskan Native
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ Asian
- ☐ White
- ☐ Black or African American
- ☐ Multi-Racial

Ethnicity (Arabic) ○ Yes ○ No

Ethnicity (Hispanic/Latino) ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 000000 State Agency | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)
49503

County

Race
- ☐ American Indian or Alaskan Native
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ Asian
- ☐ White
- ☐ Black or African American
- ☐ Multi-Racial

Ethnicity (Arabic) ○ Yes ○ No

Ethnicity (Hispanic/Latino) ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 000000 State Agency | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)
49503, 49504

County

Race
- ☐ American Indian or Alaskan Native
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ Asian
- ☐ White
- ☐ Black or African American
- ☐ Multi-Racial

Ethnicity (Arabic) ○ Yes ○ No

Ethnicity (Hispanic/Latino) ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 000000 State Agency | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)
49503, 49504, 49505

County

Race
- ☐ American Indian or Alaskan Native
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ Asian
- ☐ White
- ☐ Black or African American
- ☐ Multi-Racial

Ethnicity (Arabic) ○ Yes ○ No

Ethnicity (Hispanic/Latino) ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 000000 State Agency | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)
49503, 49504, 49505

County

Race
- ☐ American Indian or Alaskan Native
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ Asian
- ☐ White
- ☐ Black or African American
- ☐ Multi-Racial

Ethnicity (Arabic) ○ Yes ○ No

Ethnicity (Hispanic/Latino) ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 000000 State Agency | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- ☐ 1st Trimester
- ☐ 3rd Trimester
- ☐ 2nd Trimester
- ☐ Post-Partum

WIC Client Category
- ☐ BE Woman BF Exclusively
- ☐ IBE Infant BF Exclusively
- ☐ BP Woman BF Partially
- ☐ IBP Infant BF Partially
- ☐ C1 Child Age 1
- ☐ IFF Infant Formula Fed
- ☐ C2 Child Age 2
- ☐ PG Woman Pregnant
- ☐ C3 Child Age 3
- ☐ NPP Non-Lactating Post-Partum
- ☐ C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 000000 State Agency | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- ☐ 1st Trimester
- ☐ 3rd Trimester
- ☐ 2nd Trimester
- ☐ Post-Partum

WIC Client Category
- ☐ BE Woman BF Exclusively
- ☐ IBE Infant BF Exclusively
- ☐ BP Woman BF Partially
- ☐ IBP Infant BF Partially
- ☐ C1 Child Age 1
- ☐ IFF Infant Formula Fed
- ☐ C2 Child Age 2
- ☐ PG Woman Pregnant
- ☐ C3 Child Age 3
- ☐ NPP Non-Lactating Post-Partum
- ☐ C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 000000 State Agency miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
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Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between 500 And

Mother's Trimester of Enrollment into WIC
- ☐ 1st Trimester
- ☐ 3rd Trimester
- ☐ 2nd Trimester
- ☐ Post-Partum

WIC Client Category
- ☐ BE Woman BF Exclusively
- ☐ IBE Infant BF Exclusively
- ☐ BP Woman BF Partially
- ☐ IBP Infant BF Partially
- ☐ C1 Child Age 1
- ☐ IFF Infant Formula Fed
- ☐ C2 Child Age 2
- ☐ PG Woman Pregnant
- ☐ C3 Child Age 3
- ☐ NPP Non-Lactating Post-Partum
- ☐ C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 000000 State Agency miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between 500 And 5000

Mother's Trimester of Enrollment into WIC
- ☐ 1st Trimester
- ☐ 3rd Trimester
- ☐ 2nd Trimester
- ☐ Post-Partum

WIC Client Category
- ☐ BE Woman BF Exclusively
- ☐ IBE Infant BF Exclusively
- ☐ BP Woman BF Partially
- ☐ IBP Infant BF Partially
- ☐ C1 Child Age 1
- ☐ IFF Infant Formula Fed
- ☐ C2 Child Age 2
- ☐ PG Woman Pregnant
- ☐ C3 Child Age 3
- ☐ NPP Non-Lactating Post-Partum
- ☐ C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 000000 State Agency miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Annual Family Income Between 500 And 5000

Mother's Trimester of Enrollment into WIC
- ☐ 1st Trimester
- ☐ 3rd Trimester
- ☐ 2nd Trimester
- ☐ Post-Partum

WIC Client Category
- ☐ BE Woman BF Exclusively
- ☐ IBE Infant BF Exclusively
- ☐ BP Woman BF Partially
- ☐ IBP Infant BF Partially
- ☐ C1 Child Age 1
- ☐ IFF Infant Formula Fed
- ☐ C2 Child Age 2
- ☐ PG Woman Pregnant
- ☐ C3 Child Age 3
- ☐ NPP Non-Lactating Post-Partum
- ☐ C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 000000 State Agency miwicp

MI-WIC
Management Information
Michigan WIC

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Frequency Table

Organization Level: Clinic (414107 Fuller WIC Clinic)

Output Characteristics: WIC Client Category

Filters:

Name	Values
Zip Code:	49503, 49504, 49505
Annual Family Income:	500 - 5000

Title for Report*:

Display Report Criteria? ☐ Yes

1 2 3

Start Over Cancel Submit

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Frequency Table

Organization Level: Clinic (414107 Fuller WIC Clinic)

Output Characteristics: WIC Client Category

Filters:

Name	Values
Zip Code:	49503, 49504, 49505
Annual Family Income:	500 - 5000

Title for Report*:

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 410000 Kent County Health Dept. WIC Program | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Frequency Table

Organization Level: Clinic (414107 Fuller WIC Clinic)

Output Characteristics: WIC Client Category

Filters:

Name	Values
Zip Code:	49503, 49504, 49505
Annual Family Income:	500 - 5000

Title for Report*: Clinic 4107 Clients w/Income $500-5000 in Zip 49503,49504,49505

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 410000 Kent County Health Dept. WIC Program | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Frequency Table

Organization Level: Clinic (414107 Fuller WIC Clinic)

Output Characteristics: WIC Client Category

Filters:

Name	Values
Zip Code:	49503, 49504, 49505
Annual Family Income:	500 - 5000

Title for Report*: Clinic 4107 Clients w/Income $500-5000 in Zip 49503,49504,49505

Display Report Criteria? ☑ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 410000 Kent County Health Dept. WIC Program | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Frequency Table

Organization Level: Clinic (414107 Fuller WIC Clinic)

Output Characteristics: WIC Client Category

Filters:

Name	Values
Zip Code:	49503, 49504, 49505
Annual Family Income:	500 - 5000

Title for Report*: Clinic 4107 Clients w/Income $500-5000 in Zip 49503,49504,49505

Display Report Criteria? ☑ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 410000 Kent County Health Dept. WIC Program | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Frequency Table

Organization Level: Clinic (414107 Fuller WIC Clinic)

Output Characteristics: WIC Client Category

Filters:

Name	Values
Zip Code:	49503, 49504, 49505
Annual Family Income:	500 - 5000

Title for Report*: Clinic 4107 Clients w/Income $500-5000 in Zip 49503,49504,49505

Display Report Criteria? ☑ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

Running Report... SCHNEIDERR1 410000 Kent County Health Dept. WIC Program miwicp

Clinic 4107 Clients w/Income $500-5000 in Zip 49503,49504,49505

Date Generated: 03/01/2010

WIC Client Category	*Frequency*	Percentage %
IBE	7	2.82
IBP	6	2.42
IFF	67	27.02
C1	41	16.53
C2	25	10.08
C3	14	5.65
C4	15	6.05
PG	30	12.1
BE	7	2.82
BP	7	2.82
NPP	29	11.69
Total	**248**	

Clinic 4107 Clients w/Income $500-5000 in Zip 49503,49504,49505

Date Generated: 03/01/2010

Report Criteria

Filter	Value
Organization Level:	Clinic (414107 Fuller WIC Clinic)
Zip Code:	49503, 49504, 49505
Annual Family Income:	500 - 5000

Walkthrough Generating Frequency Report for Breastfeeding Initiation

- I would like a count of all clients in Grand Traverse County Health Department grouped by Breastfeeding Initiation who have a risk code of 41109 (Routinely using inappropriate sanitation methods for breast milk or formula), 80201 (Migrancy), or 90401 (Exposure to environmental tobacco smoke).

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File Scheduler Certification Benefits Miscellaneous Reports Help Messages Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 100000 Grand Traverse County Health Department miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- ○ Address Labels
- ○ Client Listings
- ◉ Frequency Table

Please select the Organization Level for your report.

- ○ State
- ◉ Local Agency
- ○ Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

100000 Grand Traverse County Health Department

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency — 100000 Grand Traverse County Health Department
- Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the type of report you would like to run.

- ○ Address Labels
- ○ Client Listings
- ◉ Frequency Table

Please select the Organization Level for your report.

- ○ State
- ◉ Local Agency — 100000 Grand Traverse County Health Department
- ○ Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the output characteristics for the report.

Major Characteristics

- Breastfeeding Initiation
- Breastfeeding Duration
- Breastfeeding Exclusivity
- Risk Code
- Assigned Formula
- Food Package

Minor Characteristics

- WIC Client Category
- Race
- Ethnicity (Arabic)
- Ethnicity (Hispanic)
- Zip Code of Residence
- Age of Client in Months
- Age of Client in Years
- County of Residence
- Client's Attained Education
- Trimester at WIC Enrollment
- Annual Family Income
- High Risk Flag

Start Over | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the output characteristics for the report.

Major Characteristics

- ○ Breastfeeding Initiation
- ○ Breastfeeding Duration
- ○ Breastfeeding Exclusivity
- ○ Risk Code
- ○ Assigned Formula
- ○ Food Package

Minor Characteristics

- ☐ WIC Client Category
- ☐ Race
- ☐ Ethnicity (Arabic)
- ☐ Ethnicity (Hispanic)
- ☐ Zip Code of Residence
- ☐ Age of Client in Months
- ☐ Age of Client in Years
- ☐ County of Residence
- ☐ Client's Attained Education
- ☐ Trimester at WIC Enrollment
- ☐ Annual Family Income
- ☐ High Risk Flag

Start Over | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the output characteristics for the report.

Major Characteristics

- (•) Breastfeeding Initiation
- ( ) Breastfeeding Duration
- ( ) Breastfeeding Exclusivity
- ( ) Risk Code
- ( ) Assigned Formula
- ( ) Food Package

Minor Characteristics

- [ ] WIC Client Category
- [ ] Race
- [ ] Ethnicity (Arabic)
- [ ] Ethnicity (Hispanic)
- [ ] Zip Code of Residence
- [ ] Age of Client in Months
- [ ] Age of Client in Years
- [ ] County of Residence
- [ ] Client's Attained Education
- [ ] Trimester at WIC Enrollment
- [ ] Annual Family Income
- [ ] High Risk Flag

Start Over | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

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Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please select the output characteristics for the report.

Major Characteristics

- (•) Breastfeeding Initiation
- ( ) Breastfeeding Duration
- ( ) Breastfeeding Exclusivity
- ( ) Risk Code
- ( ) Assigned Formula
- ( ) Food Package

Minor Characteristics

- [ ] WIC Client Category
- [ ] Race
- [ ] Ethnicity (Arabic)
- [ ] Ethnicity (Hispanic)
- [ ] Zip Code of Residence
- [ ] Age of Client in Months
- [ ] Age of Client in Years
- [ ] County of Residence
- [ ] Client's Attained Education
- [ ] Trimester at WIC Enrollment
- [ ] Annual Family Income
- [ ] High Risk Flag

Start Over | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County

Race
- American Indian or Alaskan Native
- Asian
- Black or African American
- Native Hawaiian or Other Pacific Islander
- White
- Multi-Racial

Ethnicity (Arabic) Yes No

Ethnicity (Hispanic/Latino) Yes No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
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Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County

Race
- ☐ American Indian or Alaskan Native
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ Asian
- ☐ White
- ☐ Black or African American
- ☐ Multi-Racial

Ethnicity (Arabic) ○ Yes ○ No

Ethnicity (Hispanic/Latino) ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Client's Attained Education

- ☐ None or Kindergarten only
- ☐ 1st grade
- ☐ 2nd grade
- ☐ 3rd grade
- ☐ 4th grade
- ☐ 5th grade
- ☐ 6th grade
- ☐ 7th grade
- ☐ 8th grade
- ☐ 9th grade
- ☐ 10th grade
- ☐ 11th grade
- ☐ 12th grade or GED equivalent
- ☐ 1 year of college
- ☐ 2 years of college
- ☐ 3 years of college
- ☐ 4 or 5 years of college
- ☐ 1 year of graduate school
- ☐ 2 or more years of graduate school
- ☐ Not Applicable
- ☐ Unknown

High Risk

○ Only high risk clients ○ No high risk clients

Risk Factor
(Enter up to 10, 5-digit risk codes with no decimal to include in the query; separated by a comma)

Age of Client

○ Years ○ Months Between _____ And _____

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

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Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Please specify the filtering criteria for the report.

Client's Attained Education

- ☐ None or Kindergarten only
- ☐ 1st grade
- ☐ 2nd grade
- ☐ 3rd grade
- ☐ 4th grade
- ☐ 5th grade
- ☐ 6th grade
- ☐ 7th grade
- ☐ 8th grade
- ☐ 9th grade
- ☐ 10th grade
- ☐ 11th grade
- ☐ 12th grade or GED equivalent
- ☐ 1 year of college
- ☐ 2 years of college
- ☐ 3 years of college
- ☐ 4 or 5 years of college
- ☐ 1 year of graduate school
- ☐ 2 or more years of graduate school
- ☐ Not Applicable
- ☐ Unknown

High Risk

○ Only high risk clients ○ No high risk clients

Risk Factor
(Enter up to 10, 5-digit risk codes with no decimal to include in the query; separated by a comma)

Age of Client

○ Years ○ Months Between _____ And _____

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

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Active Record

Scheduling Tasks
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Logoff

Please specify the filtering criteria for the report.

Client's Attained Education

- ☐ None or Kindergarten only
- ☐ 1st grade
- ☐ 2nd grade
- ☐ 3rd grade
- ☐ 4th grade
- ☐ 5th grade
- ☐ 6th grade
- ☐ 7th grade
- ☐ 8th grade
- ☐ 9th grade
- ☐ 10th grade
- ☐ 11th grade
- ☐ 12th grade or GED equivalent
- ☐ 1 year of college
- ☐ 2 years of college
- ☐ 3 years of college
- ☐ 4 or 5 years of college
- ☐ 1 year of graduate school
- ☐ 2 or more years of graduate school
- ☐ Not Applicable
- ☐ Unknown

High Risk

○ Only high risk clients ○ No high risk clients

Risk Factor
(Enter up to 10, 5-digit risk codes with no decimal to include in the query; separated by a comma)

41109

Age of Client

○ Years ○ Months Between _____ And _____

1 2 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

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Active Record

Scheduling Tasks
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Client Care
Logoff

Please specify the filtering criteria for the report.

Client's Attained Education

- ☐ None or Kindergarten only
- ☐ 1st grade
- ☐ 2nd grade
- ☐ 3rd grade
- ☐ 4th grade
- ☐ 5th grade
- ☐ 6th grade
- ☐ 7th grade
- ☐ 8th grade
- ☐ 9th grade
- ☐ 10th grade
- ☐ 11th grade
- ☐ 12th grade or GED equivalent
- ☐ 1 year of college
- ☐ 2 years of college
- ☐ 3 years of college
- ☐ 4 or 5 years of college
- ☐ 1 year of graduate school
- ☐ 2 or more years of graduate school
- ☐ Not Applicable
- ☐ Unknown

High Risk

○ Only high risk clients ○ No high risk clients

Risk Factor
(Enter up to 10, 5-digit risk codes with no decimal to include in the query; separated by a comma)

41109, 80201

Age of Client

○ Years ○ Months Between _____ And _____

1 | 2 | 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

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Active Record

Scheduling Tasks
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Please specify the filtering criteria for the report.

Client's Attained Education

- ☐ None or Kindergarten only
- ☐ 1st grade
- ☐ 2nd grade
- ☐ 3rd grade
- ☐ 4th grade
- ☐ 5th grade
- ☐ 6th grade
- ☐ 7th grade
- ☐ 8th grade
- ☐ 9th grade
- ☐ 10th grade
- ☐ 11th grade
- ☐ 12th grade or GED equivalent
- ☐ 1 year of college
- ☐ 2 years of college
- ☐ 3 years of college
- ☐ 4 or 5 years of college
- ☐ 1 year of graduate school
- ☐ 2 or more years of graduate school
- ☐ Not Applicable
- ☐ Unknown

High Risk

○ Only high risk clients ○ No high risk clients

Risk Factor
(Enter up to 10, 5-digit risk codes with no decimal to include in the query; separated by a comma)

41109, 80201, 90401

Age of Client

○ Years ○ Months Between _____ And _____

1 | 2 | 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
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Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
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Logoff

Please specify the filtering criteria for the report.

Client's Attained Education

- ☐ None or Kindergarten only
- ☐ 1st grade
- ☐ 2nd grade
- ☐ 3rd grade
- ☐ 4th grade
- ☐ 5th grade
- ☐ 6th grade
- ☐ 7th grade
- ☐ 8th grade
- ☐ 9th grade
- ☐ 10th grade
- ☐ 11th grade
- ☐ 12th grade or GED equivalent
- ☐ 1 year of college
- ☐ 2 years of college
- ☐ 3 years of college
- ☐ 4 or 5 years of college
- ☐ 1 year of graduate school
- ☐ 2 or more years of graduate school
- ☐ Not Applicable
- ☐ Unknown

High Risk

○ Only high risk clients ○ No high risk clients

Risk Factor
(Enter up to 10, 5-digit risk codes with no decimal to include in the query; separated by a comma)

41109, 80201, 90401

Age of Client

○ Years ○ Months Between _____ And _____

1 | 2 | 3

Start Over | Summary | Cancel | →

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Frequency Table

Organization Level: Local Agency (100000 Grand Traverse County Health Department)

Output Characteristics: Breastfeeding Initiation

Filters:

Name	Values
Risk Factor:	41109, 80201, 90401

Title for Report*:

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

File | Scheduler | Certification | Benefits | Miscellaneous | Reports | Help | Messages | Monday 3/1/2010

Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Frequency Table

Organization Level: Local Agency (100000 Grand Traverse County Health Department)

Output Characteristics: Breastfeeding Initiation

Filters:

Name	Values
Risk Factor:	41109, 80201, 90401

Title for Report*:

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Frequency Table

Organization Level: Local Agency (100000 Grand Traverse County Health Department)

Output Characteristics: Breastfeeding Initiation

Filters:

Name	Values
Risk Factor:	41109, 80201, 90401

Title for Report*: BF Initiation for clients with risks 41109, 80201, 90401

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

Pre-defined Reports - Microsoft Internet Explorer

MI-WIC
Management Information
Michigan WIC

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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Frequency Table

Organization Level: Local Agency (100000 Grand Traverse County Health Department)

Output Characteristics: Breastfeeding Initiation

Filters:

Name	Values
Risk Factor:	41109, 80201, 90401

Title for Report*: BF Initiation for clients with risks 41109, 80201, 90401

Display Report Criteria? ☑ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

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MI-WIC
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Active Record

Scheduling Tasks
Guided Script
Client Care
Logoff

Summary

Report Type: Frequency Table

Organization Level: Local Agency (100000 Grand Traverse County Health Department)

Output Characteristics: Breastfeeding Initiation

Filters:

Name	Values
Risk Factor:	41109, 80201, 90401

Title for Report*: BF Initiation for clients with risks 41109, 80201, 90401

Display Report Criteria? ☑ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

SCHNEIDERR1 | 100000 Grand Traverse County Health Department | miwicp

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Active Record

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Summary

Report Type: Frequency Table

Organization Level: Local Agency (100000 Grand Traverse County Health Department)

Output Characteristics: Breastfeeding Initiation

Filters:

Name	Values
Risk Factor:	41109, 80201, 90401

Title for Report*: BF Initiation for clients with risks 41109, 80201, 90401

Display Report Criteria? ☑ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

Running Report... SCHNEIDERR1 100000 Grand Traverse County Health Department miwicp

https://sso.state.mi.us/dch-miwicprod/reports/rwservlet?miwicp&report=c:\reports\Clinic\RPT_Pre - Microsoft Internet Explorer

BF Initiation for clients with risks 41109, 80201, 90401

Date Generated: 03/01/2010

Breastfeeding Initiation	*Frequency*	Percentage %
Ever Breastfed - Yes	102	74.45
Ever Breastfed - No	35	25.55
Total	**137**	

https://sso.state.mi.us/dch-miwicprod/reports/rwservlet?miwicp&report=c:\reports\Clinic\RPT_Pre - Microsoft Internet Explorer

Date Generated: 03/01/2010

Report Criteria

Filter	Value
Organization Level:	Local Agency (100000 Grand Traverse County Health Department)
Risk Factor:	41109, 80201, 90401

Walkthrough Generating Frequency Report for Trimester at Enrollment

- I would like a count of all currently pregnant clients in Genesee County Health Department who enrolled in their first Trimester grouped by Trimester of Enrollment into WIC.

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Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

Version: 4.0.0.8

SCHNEIDERR1 250000 Genesee County Health Department miwicp

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Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

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Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

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Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency
- Clinic

Cancel →

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Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency — 250000 Genesee County Health Department
- Clinic

250000 Genesee County Health Department

Cancel →

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Logoff

Please select the type of report you would like to run.

- Address Labels
- Client Listings
- Frequency Table

Please select the Organization Level for your report.

- State
- Local Agency — 250000 Genesee County Health Department
- Clinic

Cancel →

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Logoff

Please select the type of report you would like to run.

- ○ Address Labels
- ○ Client Listings
- ◉ Frequency Table

Please select the Organization Level for your report.

- ○ State
- ◉ Local Agency — 250000 Genesee County Health Department
- ○ Clinic

Cancel →

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Please select the output characteristics for the report.

Major Characteristics

- Breastfeeding Initiation
- Breastfeeding Duration
- Breastfeeding Exclusivity
- Risk Code
- Assigned Formula
- Food Package

Minor Characteristics

- WIC Client Category
- Race
- Ethnicity (Arabic)
- Ethnicity (Hispanic)
- Zip Code of Residence
- Age of Client in Months
- Age of Client in Years
- County of Residence
- Client's Attained Education
- Trimester at WIC Enrollment
- Annual Family Income
- High Risk Flag

Start Over | Cancel | →

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Logoff

Please select the output characteristics for the report.

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- Breastfeeding Initiation
- Breastfeeding Duration
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- Risk Code
- Assigned Formula
- Food Package

Minor Characteristics

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- Race
- Ethnicity (Arabic)
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- Zip Code of Residence
- Age of Client in Months
- Age of Client in Years
- County of Residence
- Client's Attained Education
- Trimester at WIC Enrollment
- Annual Family Income
- High Risk Flag

Start Over | Cancel | →

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Please select the output characteristics for the report.

Major Characteristics

- ○ Breastfeeding Initiation
- ○ Breastfeeding Duration
- ○ Breastfeeding Exclusivity
- ○ Risk Code
- ○ Assigned Formula
- ○ Food Package

Minor Characteristics

- ☐ WIC Client Category
- ☐ Race
- ☐ Ethnicity (Arabic)
- ☐ Ethnicity (Hispanic)
- ☐ Zip Code of Residence
- ☐ Age of Client in Months
- ☐ Age of Client in Years
- ☐ County of Residence
- ☐ Client's Attained Education
- ☑ Trimester at WIC Enrollment
- ☐ Annual Family Income
- ☐ High Risk Flag

Start Over | Cancel | →

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Please select the output characteristics for the report.

Major Characteristics

- ○ Breastfeeding Initiation
- ○ Breastfeeding Duration
- ○ Breastfeeding Exclusivity
- ○ Risk Code
- ○ Assigned Formula
- ○ Food Package

Minor Characteristics

- ☐ WIC Client Category
- ☐ Race
- ☐ Ethnicity (Arabic)
- ☐ Ethnicity (Hispanic)
- ☐ Zip Code of Residence
- ☐ Age of Client in Months
- ☐ Age of Client in Years
- ☐ County of Residence
- ☐ Client's Attained Education
- ☑ Trimester at WIC Enrollment
- ☐ Annual Family Income
- ☐ High Risk Flag

Start Over | Cancel | →

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Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County

Race
- American Indian or Alaskan Native
- Asian
- Black or African American
- Native Hawaiian or Other Pacific Islander
- White
- Multi-Racial

Ethnicity (Arabic) Yes No

Ethnicity (Hispanic/Latino) Yes No

1 2 3

Start Over | Summary | Cancel | →

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Please specify the filtering criteria for the report.

Zip Code
(Enter up to 10 zip codes to include in the query; separated by a comma)

County

Race
- ☐ American Indian or Alaskan Native
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ Asian
- ☐ White
- ☐ Black or African American
- ☐ Multi-Racial

Ethnicity (Arabic) ○ Yes ○ No

Ethnicity (Hispanic/Latino) ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

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Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- ☐ 1st Trimester
- ☐ 3rd Trimester
- ☐ 2nd Trimester
- ☐ Post-Partum

WIC Client Category
- ☐ BE Woman BF Exclusively
- ☐ IBE Infant BF Exclusively
- ☐ BP Woman BF Partially
- ☐ IBP Infant BF Partially
- ☐ C1 Child Age 1
- ☐ IFF Infant Formula Fed
- ☐ C2 Child Age 2
- ☐ PG Woman Pregnant
- ☐ C3 Child Age 3
- ☐ NPP Non-Lactating Post-Partum
- ☐ C4 Child Age 4

Client Adjunct Eligibility (Medicaid) ○ Yes ○ No

Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

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Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- ☐ 1st Trimester
- ☐ 3rd Trimester
- ☐ 2nd Trimester
- ☐ Post-Partum

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- ☐ IBE Infant BF Exclusively
- ☐ BP Woman BF Partially
- ☐ IBP Infant BF Partially
- ☐ C1 Child Age 1
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Client is Adjunctly Eligible ○ Yes ○ No

1 2 3

Start Over | Summary | Cancel | →

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Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- [x] 1st Trimester
- [ ] 3rd Trimester
- [ ] 2nd Trimester
- [ ] Post-Partum

WIC Client Category
- [ ] BE Woman BF Exclusively
- [ ] IBE Infant BF Exclusively
- [ ] BP Woman BF Partially
- [ ] IBP Infant BF Partially
- [ ] C1 Child Age 1
- [ ] IFF Infant Formula Fed
- [ ] C2 Child Age 2
- [ ] PG Woman Pregnant
- [ ] C3 Child Age 3
- [ ] NPP Non-Lactating Post-Partum
- [ ] C4 Child Age 4

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1 2 3

Start Over | Summary | Cancel | →

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Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- [x] 1st Trimester
- [ ] 3rd Trimester
- [ ] 2nd Trimester
- [ ] Post-Partum

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- [ ] BE Woman BF Exclusively
- [ ] IBE Infant BF Exclusively
- [ ] BP Woman BF Partially
- [ ] IBP Infant BF Partially
- [ ] C1 Child Age 1
- [ ] IFF Infant Formula Fed
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1 2 3

Start Over | Summary | Cancel | →

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Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- [x] 1st Trimester
- [ ] 3rd Trimester
- [ ] 2nd Trimester
- [ ] Post-Partum

WIC Client Category
- [ ] BE Woman BF Exclusively
- [ ] IBE Infant BF Exclusively
- [ ] BP Woman BF Partially
- [ ] IBP Infant BF Partially
- [ ] C1 Child Age 1
- [ ] IFF Infant Formula Fed
- [ ] C2 Child Age 2
- [x] PG Woman Pregnant
- [ ] C3 Child Age 3
- [ ] NPP Non-Lactating Post-Partum
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Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

Client Adjunct Eligibility (FIP) ○ Yes ○ No

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1 2 3

Start Over | Summary | Cancel | →

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Please specify the filtering criteria for the report.

Annual Family Income Between [ ] And [ ]

Mother's Trimester of Enrollment into WIC
- [x] 1st Trimester
- [ ] 3rd Trimester
- [ ] 2nd Trimester
- [ ] Post-Partum

WIC Client Category
- [ ] BE Woman BF Exclusively
- [ ] IBE Infant BF Exclusively
- [ ] BP Woman BF Partially
- [ ] IBP Infant BF Partially
- [ ] C1 Child Age 1
- [ ] IFF Infant Formula Fed
- [ ] C2 Child Age 2
- [x] PG Woman Pregnant
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Client Adjunct Eligibility (Food Stamps) ○ Yes ○ No

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1 2 3

Start Over | Summary | Cancel | →

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Summary

Report Type: Frequency Table

Organization Level: Local Agency (250000 Genesee County Health Department)

Output Characteristics: Trimester at WIC Enrollment

Filters:

Name	Values
Mother's Trimester of Enrollment into WIC:	1st Trimester
WIC Client Category:	PG Woman Pregnant

Title for Report*:

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

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Summary

Report Type: Frequency Table

Organization Level: Local Agency (250000 Genesee County Health Department)

Output Characteristics: Trimester at WIC Enrollment

Filters:

Name	Values
Mother's Trimester of Enrollment into WIC:	1st Trimester
WIC Client Category:	PG Woman Pregnant

Title for Report*:

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

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Summary

Report Type: Frequency Table

Organization Level: Local Agency (250000 Genesee County Health Department)

Output Characteristics: Trimester at WIC Enrollment

Filters:

Name	Values
Mother's Trimester of Enrollment into WIC:	1st Trimester
WIC Client Category:	PG Woman Pregnant

Title for Report*: PG clients enrolled in 1st Trimester

Display Report Criteria? ☐ Yes

1 2 3

Start Over | Cancel | Submit

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Summary

Report Type: Frequency Table

Organization Level: Local Agency (250000 Genesee County Health Department)

Output Characteristics: Trimester at WIC Enrollment

Filters:

Name	Values
Mother's Trimester of Enrollment into WIC:	1st Trimester
WIC Client Category:	PG Woman Pregnant

Title for Report*: PG clients enrolled in 1st Trimester

Display Report Criteria? ☑ Yes

1 2 3

Start Over | Cancel | Submit

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Summary

Report Type: Frequency Table

Organization Level: Local Agency (250000 Genesee County Health Department)

Output Characteristics: Trimester at WIC Enrollment

Filters:

Name	Values
Mother's Trimester of Enrollment into WIC:	1st Trimester
WIC Client Category:	PG Woman Pregnant

Title for Report*: PG clients enrolled in 1st Trimester

Display Report Criteria? ☑ Yes

1 2 3

Start Over | Cancel | Submit

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Summary

Report Type: Frequency Table

Organization Level: Local Agency (250000 Genesee County Health Department)

Output Characteristics: Trimester at WIC Enrollment

Filters:

Name	Values
Mother's Trimester of Enrollment into WIC:	1st Trimester
WIC Client Category:	PG Woman Pregnant

Title for Report*: PG clients enrolled in 1st Trimester

Display Report Criteria? ☑ Yes

1 2 3

Start Over | Cancel | Submit

Version: 4.0.0.8

Running Report... | SCHNEIDERR1 | 250000 Genesee County Health Department | miwicp

https://sso.state.mi.us/dch-miwicprod/reports/rwservlet?miwicp&report=c:\reports\Clinic\RPT_Pre - Microsoft Internet Explorer

PG clients enrolled in 1st Trimester

Date Generated: 03/01/2010

Trimester at WIC Enrollment	*Frequency*	Percentage %
1st Trimester	613	100
Total	**613**	

https://sso.state.mi.us/dch-miwicprod/reports/rwservlet?miwicp&report=c:\reports\Clinic\RPT_Pre - Microsoft Internet Explorer

PG clients enrolled in 1st Trimester

Date Generated: 03/01/2010

Report Criteria

Filter	Value
Organization Level:	Local Agency (250000 Genesee County Health Department)
Mother's Trimester of Enrollment into WIC:	1st Trimester
WIC Client Category:	PG Woman Pregnant

Conclusion

Wealth of MIWIC Data

- Evaluation and planning can be done like never before.
- Increased diversity of demographic data
  - Increased reliability of data
  - Increased access to reports
  - Various report options

Future Questions?

- Production and Pre-Defined reports:
  - schneiderr1@michigan.gov
  - Or call: 517-241-3595
- Ad hoc reports:
  - Contact your WIC Consultant

Thank you for your time and consideration

Preventing Birth Defects—A Collaborative Effort

Information about Preventing Birth Defects

Joan Ehrhardt,
Coordinator

Genomics & Birth Defects Program

Hillary Turner, MPH
Data Coordinator

Michigan WIC

Outline

- Introduction to Birth Defects
- WIC Data and Birth Defects Research
- Health Messages for Clients
- Break
- Medications and Birth Defects
- Summary

Goal

Reduce the number of Michigan WIC babies born with a birth defect by increased awareness of **preventable factors** and adoption of **healthy behaviors**.

Objectives

- ✓ To describe causes of birth defects with a focus on preventable risk factors in the Michigan WIC population;
- ✓ To recognize the increased risk of birth defects to WIC clients through the review of WIC client health indicators; and
- ✓ To identify prevention strategies for WIC clients that improve reproductive outcomes and reduce the occurrence of birth defects; and
- ✓ To emphasize the importance of good preconception and interconception health practices in lowering the risk for birth defects and other adverse reproductive outcomes in the Michigan WIC population.

Please Note

This presentation:

- Is intended for information purposes only and does not constitute medical advice.
- Includes technical terms for medical conditions and abnormal development.
- Includes pictures and photographs of birth defects.

WIC's Role

A. Client and staff awareness.
B. Aid client access to health care.
C. Encourage and support continuity of care with primary care provider (PCP).

What is a birth defect?

"**Birth defect**, **congenital malformation**, and **congenital anomaly** are synonymous terms used to describe structural, behavioral, functional, and metabolic disorders present at birth."

Langman's Medical Embryology, ed. 9

"…an abnormality of the body's structure or inherent function present at birth, whether the abnormality is detected at the time of delivery or becomes apparent at a later date."

MBDR Reporting Manual

How common are birth defects?

- ✓ 3-5% of live births are affected by birth defects
- ✓ 5-10% of conceptions have a chromosome abnormality
- ✓ 30-50% of post-neonatal deaths are due to birth defects
- ✓ Most recurrent (≥3) miscarriages and most sporadic early miscarriages to women over 35 yrs of age have chromosome abnormalities

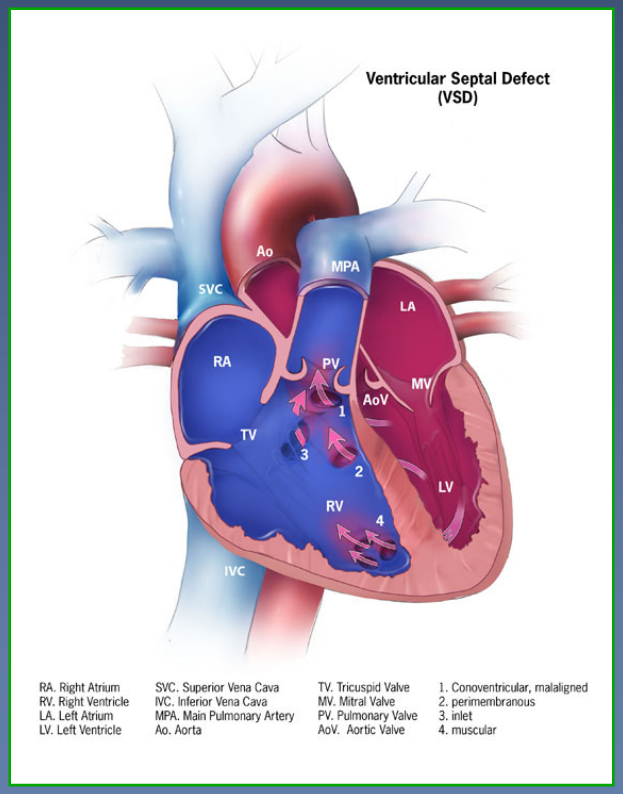
How common are birth defects?

Birth defects are rare.

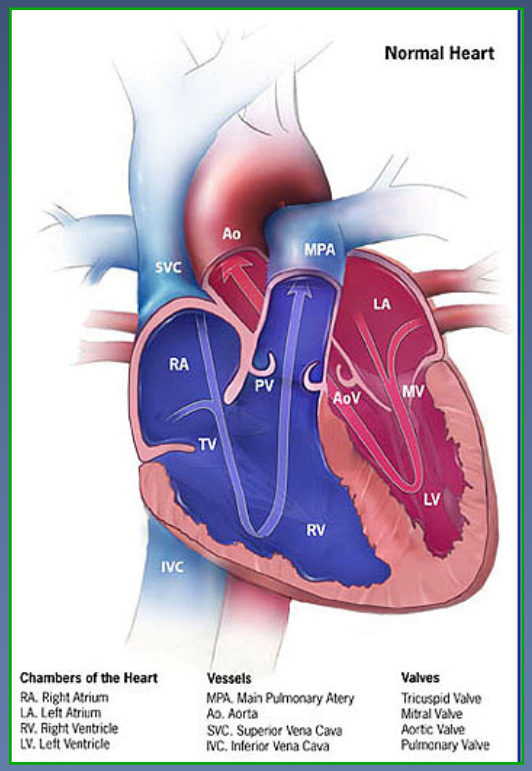
But they are a common cause of serious problems, including lifelong disability and death.

Examples of Birth Defects

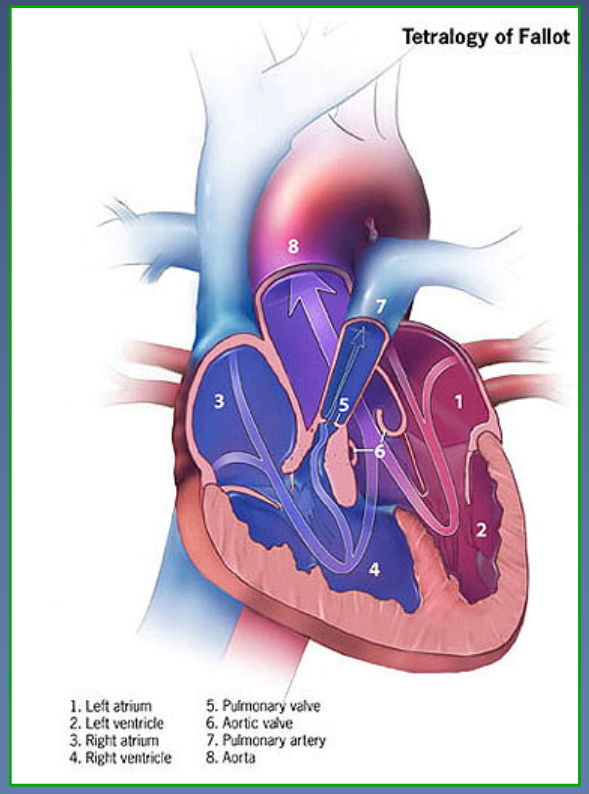
Congenital Heart Defects (CHDs)



Ventricular Septal Defects (VSD)



Normal

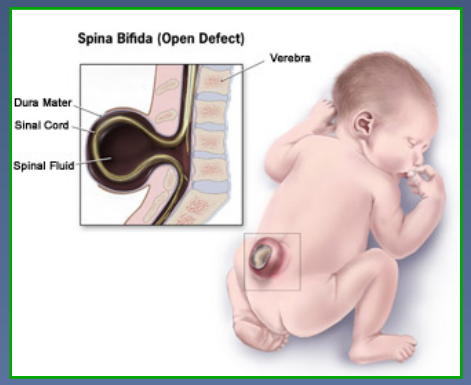


Tetralogy of Fallot (TOF)

Examples of Birth Defects

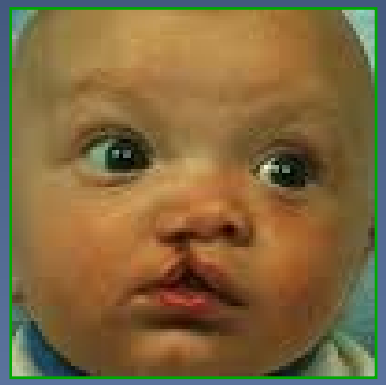
Neural Tube Defects (NTDs)

Orofacial Clefts (OFCs)



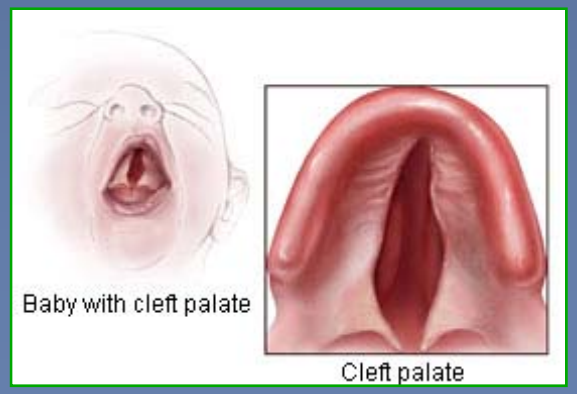
Anencephaly

Spina bifida



Cleft lip

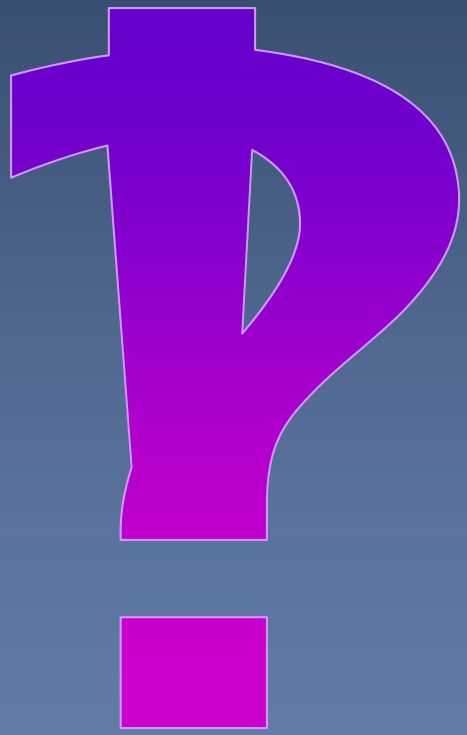
Cleft palate



What causes birth defects?

Some result from factors outside of our control.

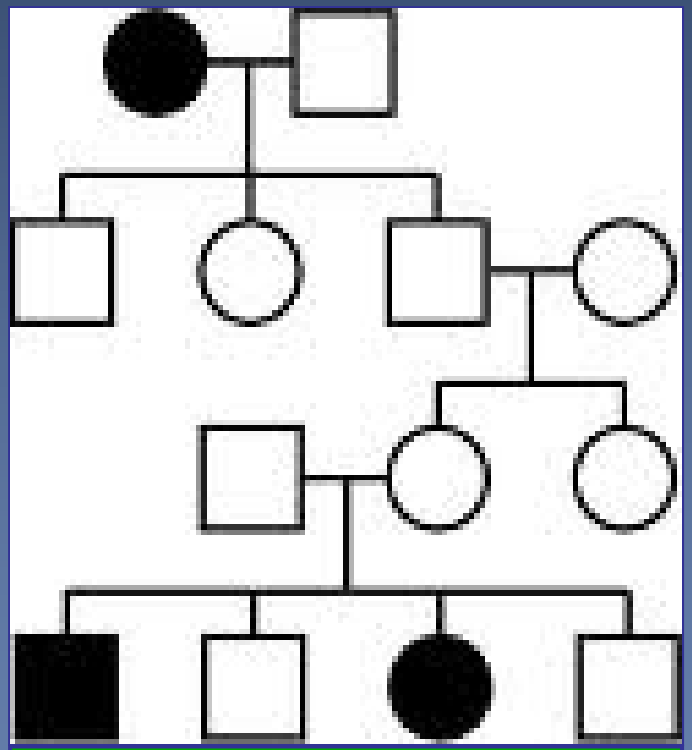
Some have a genetic component or are due to unknown causes.



Genetic Causes of Birth Defects

- Inherited genes from **both** parents (Sickle Cell Disease) and other syndromes
- New single gene changes (mutations) or spontaneous chromosome abnormality (Down Syndrome)
- Genes and syndromes inherited from **one** parent
- Unknown

Family History



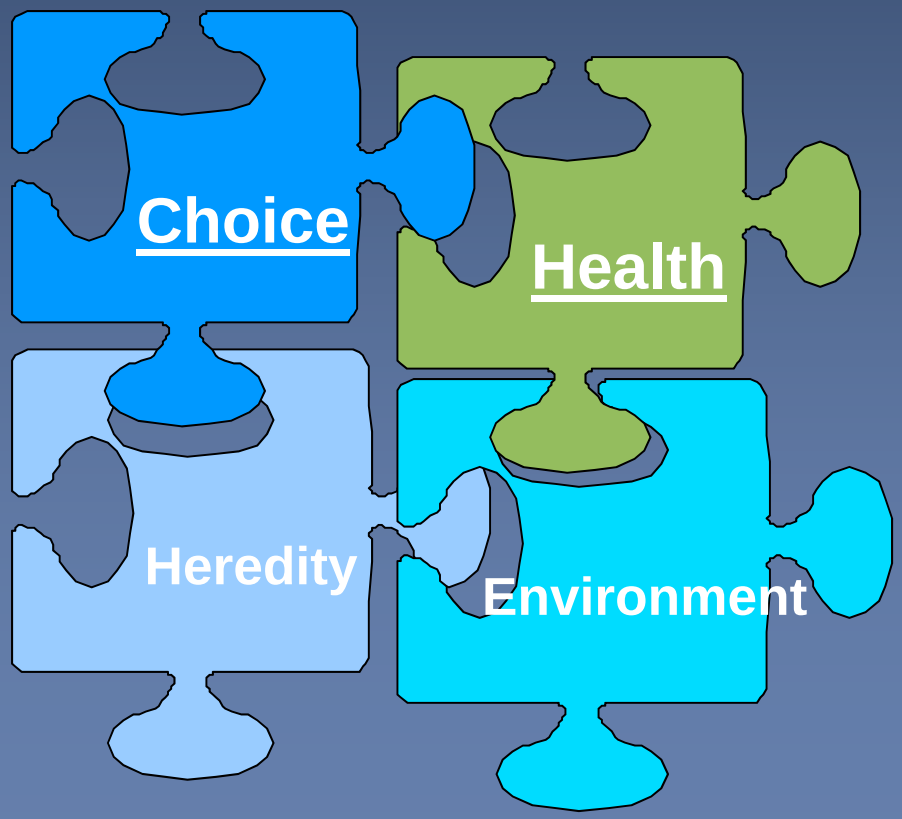
Family history diagram (pedigree).

Every woman should--

Know her and her partner's medical and family history

- Be aware of birth defects, genetic disorders, and developmental disabilities
- Know history of miscarriage, stillbirth, and chronic illness
- Share this information with her healthcare provider

Some birth defects are preventable



Certain medications, drugs, chemicals, infections, and other avoidable factors may cause birth defects.

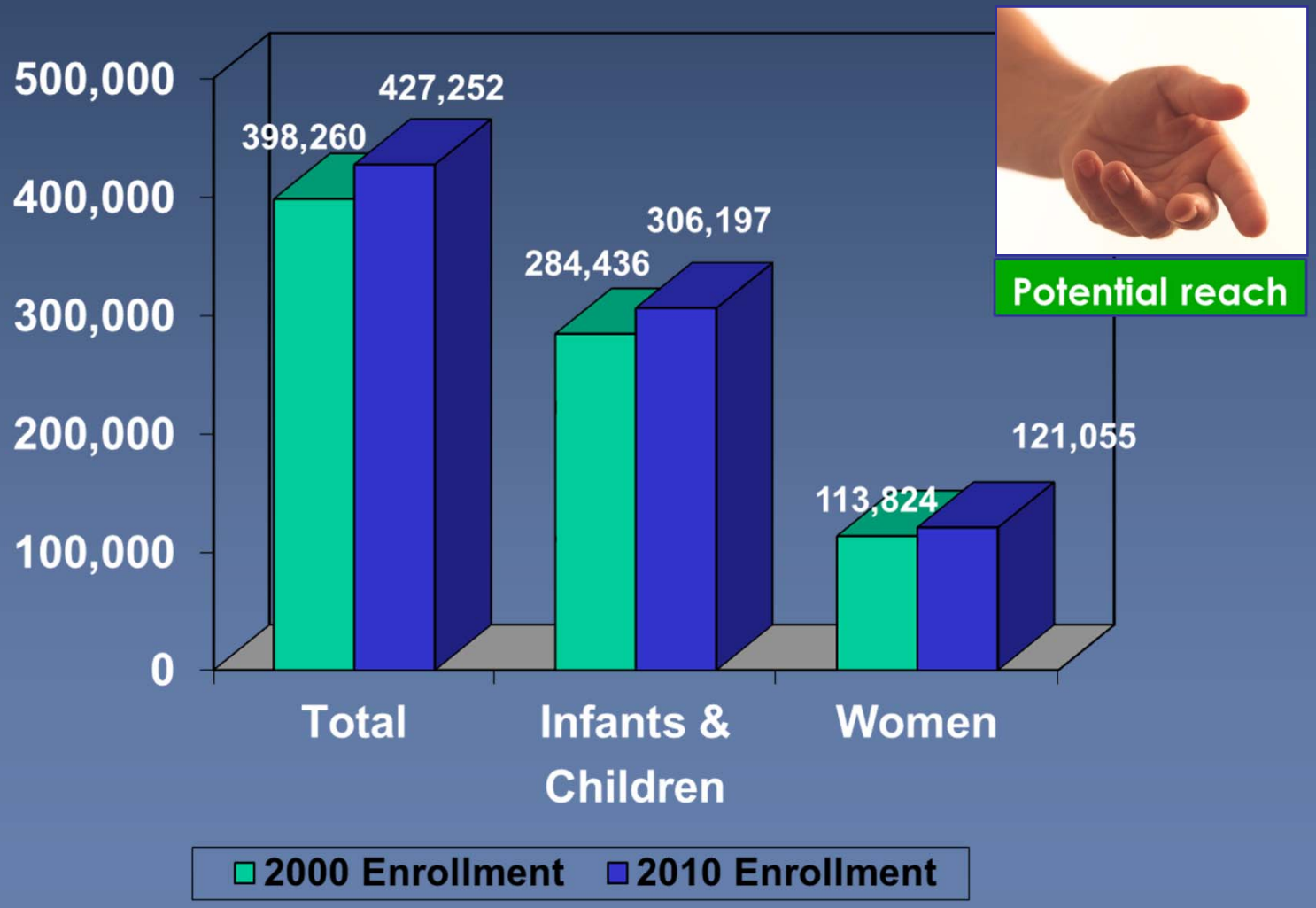
Client Behaviors & Indicators

Focus on Five

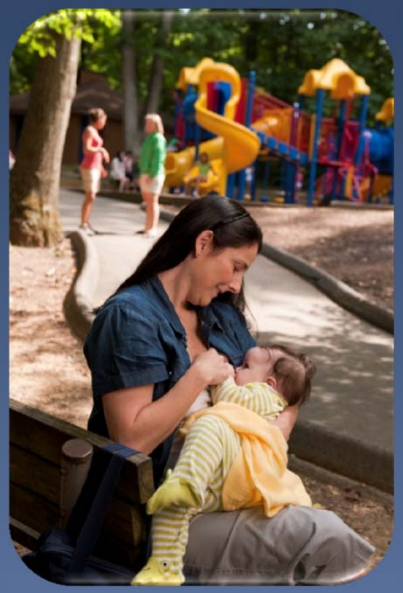
- ✓ Drinking
- ✓ Smoking
- ✓ Multivitamin Consumption
- ✓ Nutrition & Physical Activity
- ✓ Overweight/Obese

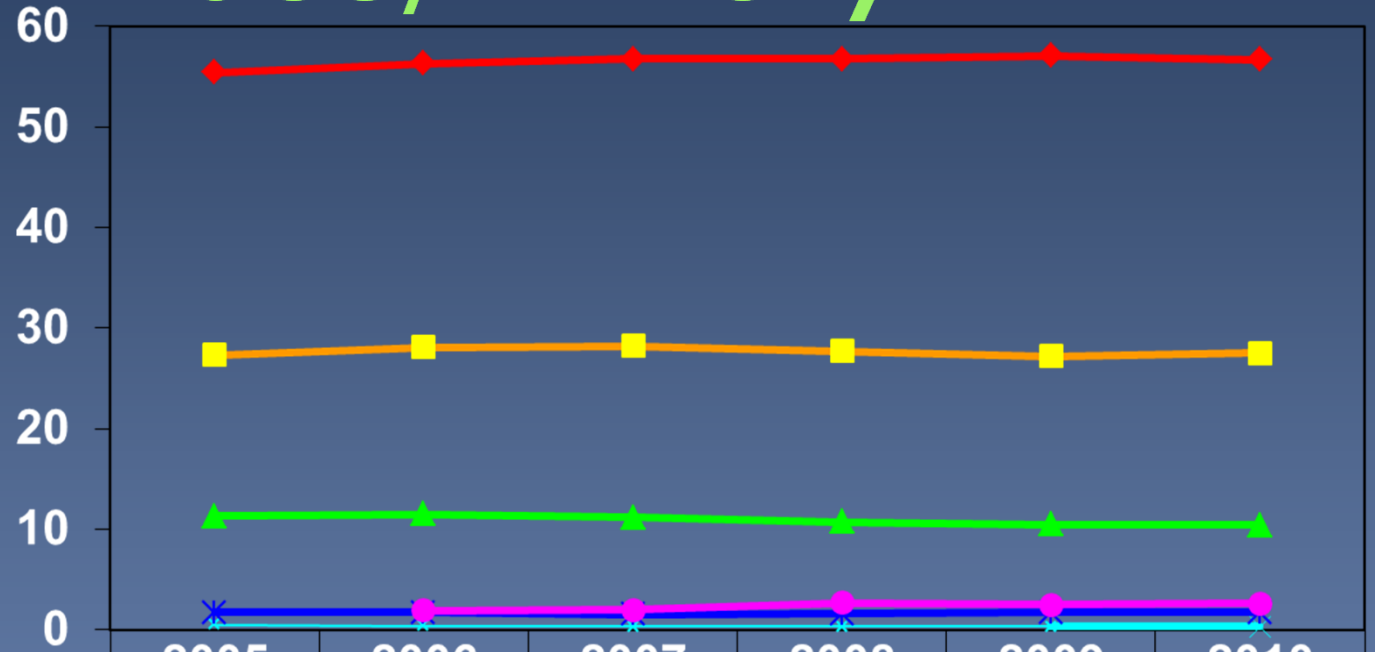
What about Michigan WIC Mothers?

2010 Michigan WIC Enrollment



Michigan WIC Mothers by Race/Ethnicity

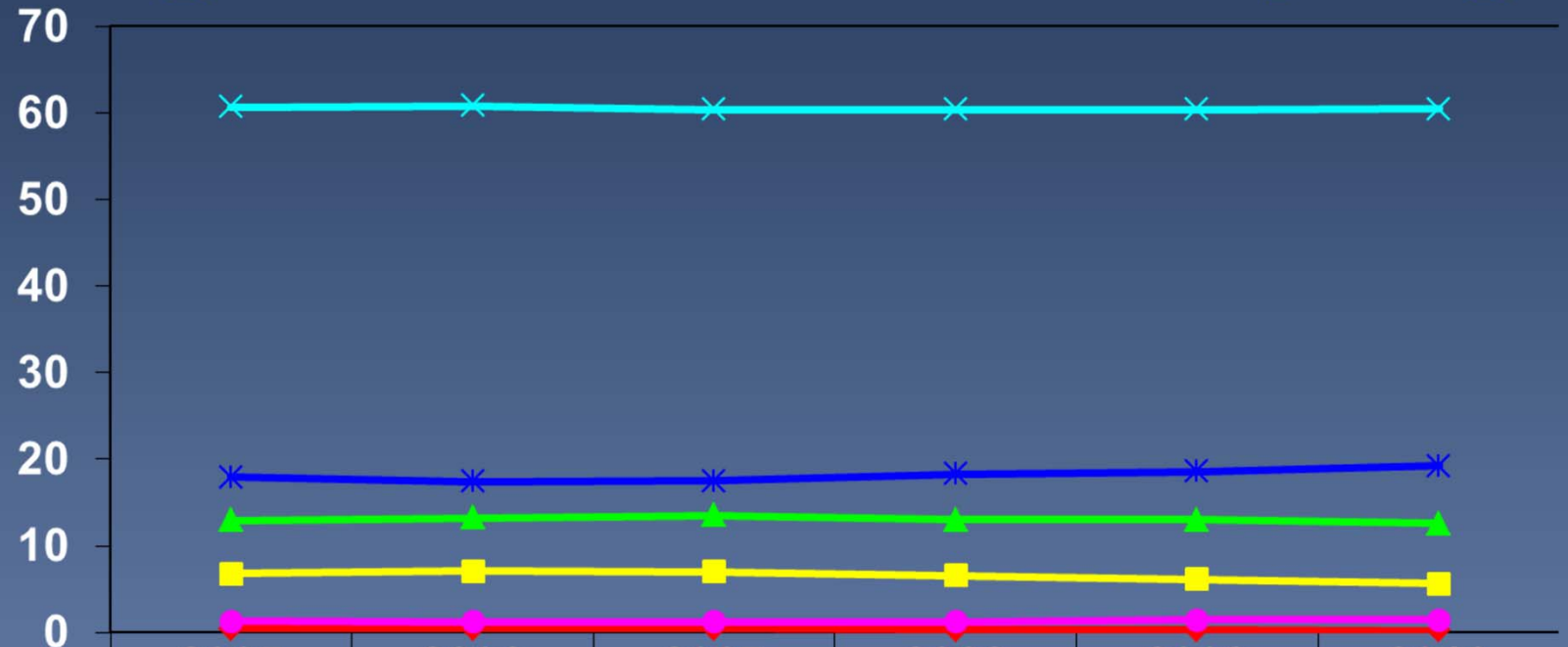




	2005	2006	2007	2008	2009	2010
White	55.4	56.3	56.8	56.8	57.1	56.7
Black	27.3	28.1	28.2	27.7	27.2	27.5
Hispanic	11.3	11.5	11.2	10.7	10.5	10.4
Native American	0.5	0.4	0.3	0.3	0.3	0.3
Asian	1.7	1.7	1.5	1.6	1.7	1.7
Multiple		1.9	2	2.7	2.5	2.6

PNSS 2010

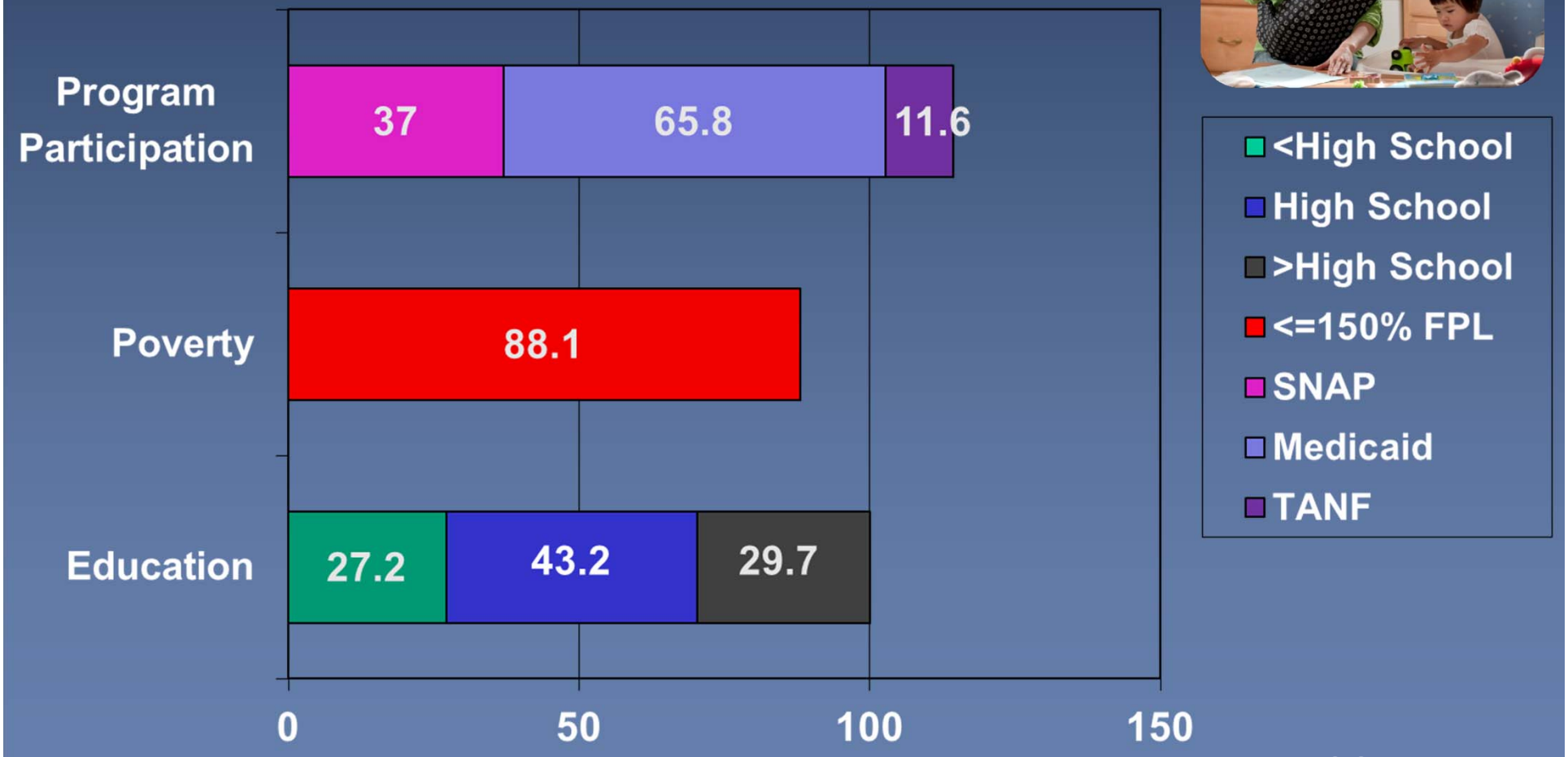
Michigan WIC Mothers by Age



	2005	2006	2007	2008	2009	2010
<15	0.4	0.4	0.4	0.3	0.3	0.2
15-17	6.8	7.1	7	6.6	6.1	5.6
18-19	12.9	13.2	13.5	13	13	12.6
20-29	60.7	60.8	60.4	60.4	60.4	60.5
30-39	17.9	17.4	17.5	18.3	18.6	19.2
=>40	1.3	1.2	1.2	1.2	1.4	1.4

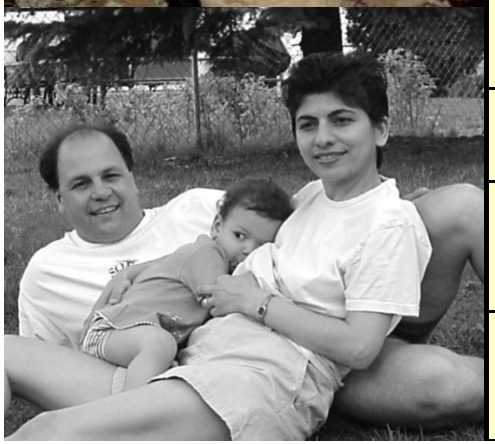
PNSS 2010

Michigan WIC Mothers



PNSS 2010

Michigan WIC Top Ten



Indicators	2000	2010	Progress Direction
First Trimester Entry into WIC	31.0	37.5	↑
Birthweight: • LBW <2500 g	7.1	8.5	↓
• Full Term LBW	----	3.6	
• HBW >4000 g	9.0	7.2	↑
• % Preterm Infants	----	12.0	
Breastfeeding: • Initiation	46.9	59.8	↑
• 6 Months Duration	12.4	17.8	↑
Prenatal Weight Gain: • < Ideal	30.8	18.1	↑
• > Ideal	44.2	50.9	↓
Anemia, Low Hgb, 3rd Trimester	30.2	35.9	↓
Anemia, Low Hg, 6 months - 5yrs	14.6	15.6	↓
Prenatal Smoking-Last Trimester	26.9	17.3	↑
First trimester Prenatal Care	71.9	80.9	↑
Prepregnancy: • Overweight	48.2	54.7	↓
• Underweight	6.1	4.3	↑
Body Weight: •85th-<95th%, ≥2 years	15.5	16.3	↓
•≥95th%, ≥2 years	12.0	13.3	↓

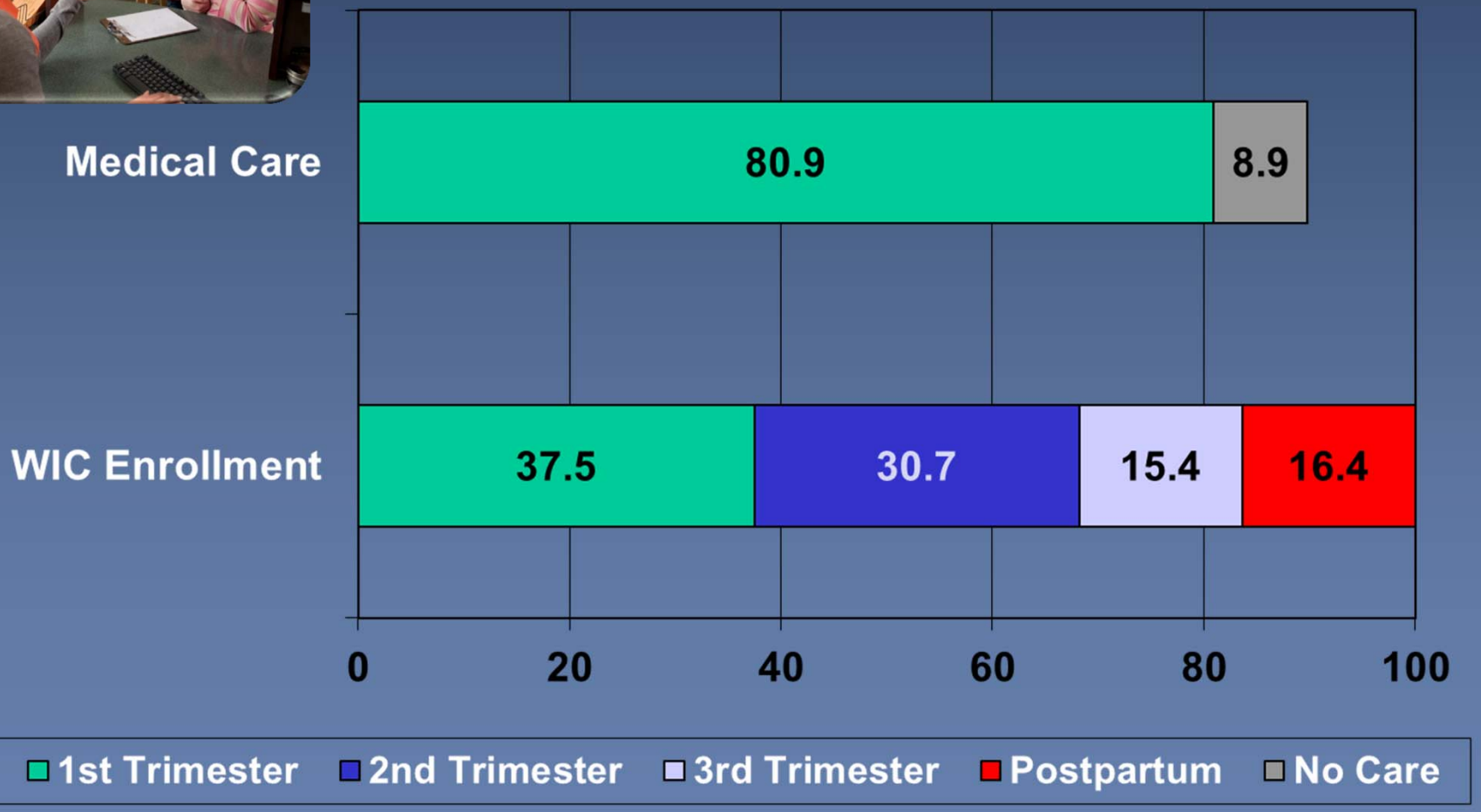
Michigan WIC Five Year Plan

Health Outcome Indicators
January 2009 to December 2013

- Increase first trimester entry into the WIC program from 32.5% to 35.0%.
- Increase ideal prenatal weight gain from 28.8% to 31.5% among Michigan WIC mothers.
- Reduce the percent of low birthweight infants born to women enrolled in Michigan WIC from 8.4% to 8.0%.
- Increase breastfeeding initiation rate from 57.2% to 65.0% and the six-month duration rate from 18.5% to 24.0%.
- Decrease the prevalence of early childhood obesity, in children 2 to 5 years of age, from 13.7% to 12.0%.
- Decrease the prevalence of low hemoglobin level from 15.0% to 13.0% among children less than five years of age.

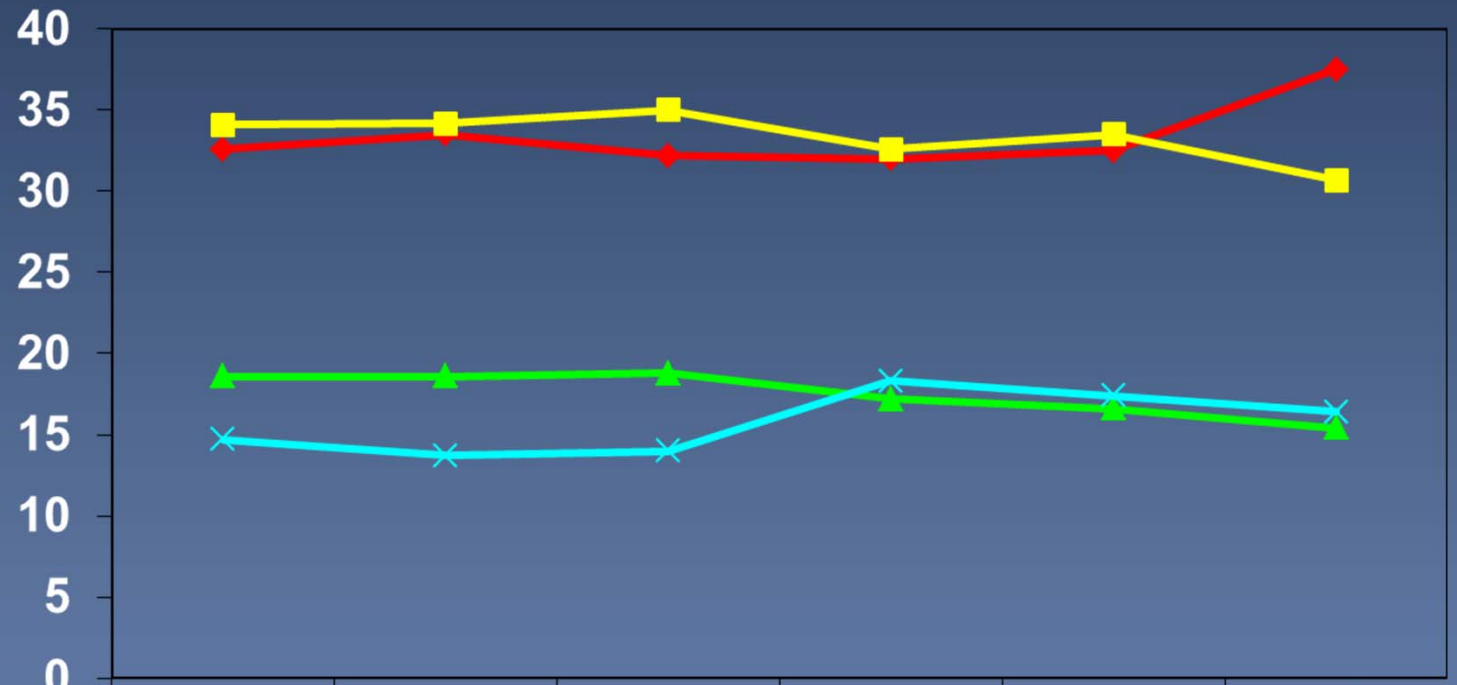
The projections are based on the 1994-2009 trend data from Michigan PNSS and PedNSS. 2009 data is used as the baseline for a five-year-plan from Jan. 2009 to Dec. 2013.

Trimester & Access to Care



PNSS 2010

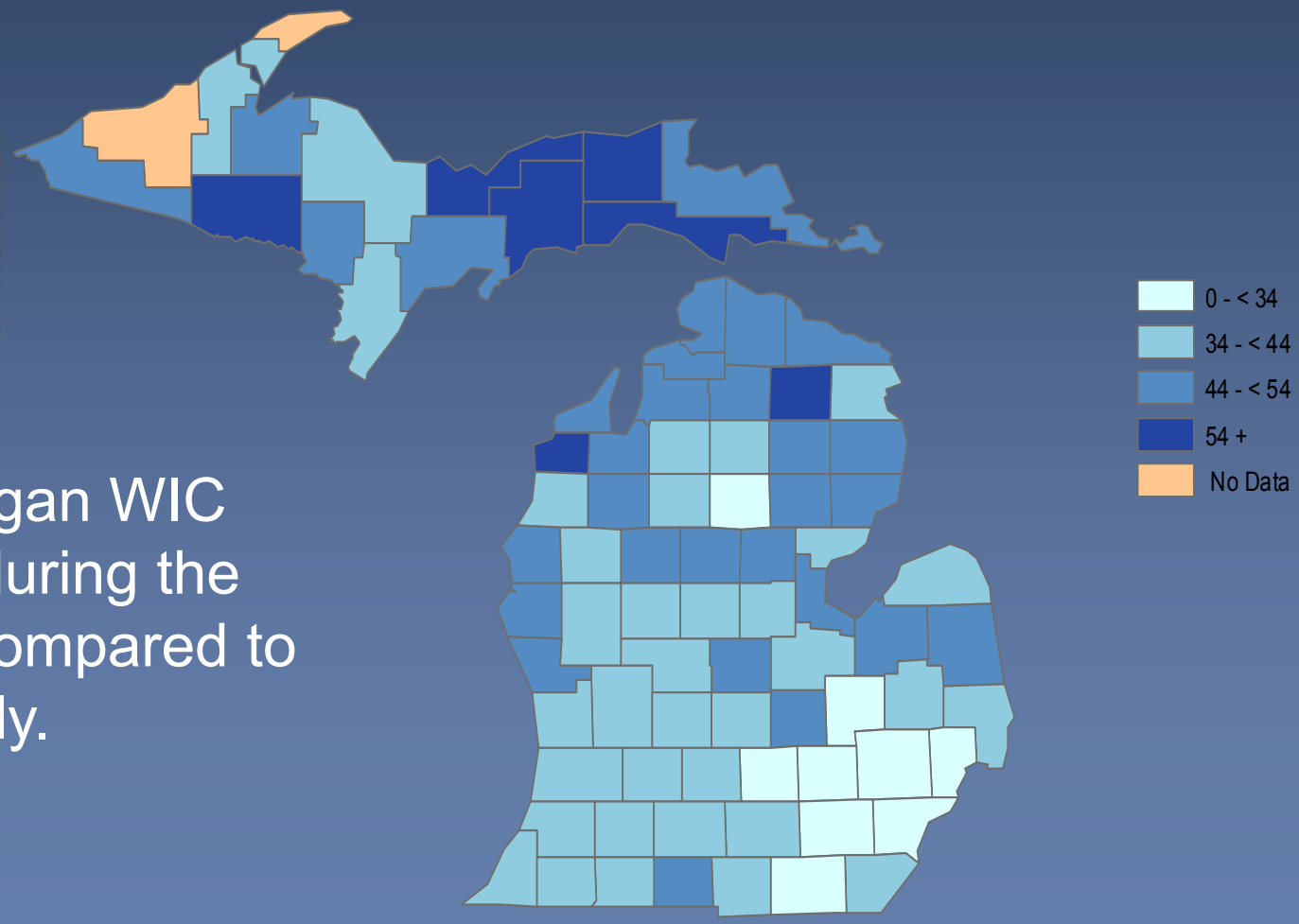
Trimester of WIC Enrollment



	2005	2006	2007	2008	2009	2010
1st	32.6	33.5	32.2	32	32.5	37.5
2nd	34.1	34.2	35	32.6	33.5	30.7
3rd	18.6	18.6	18.8	17.2	16.6	15.4
Postpartum	14.7	13.7	14	18.3	17.4	16.4

PNSS 2010

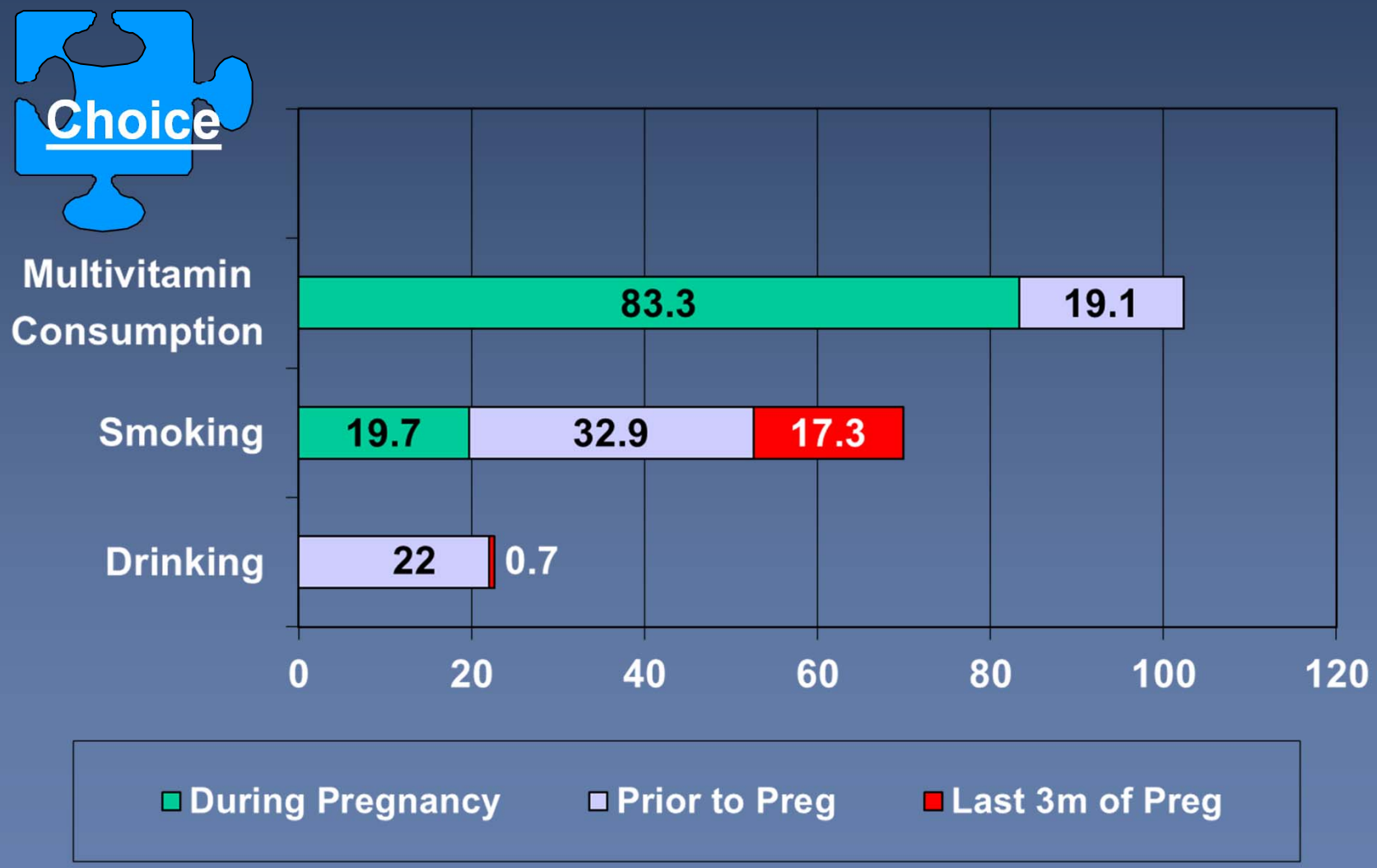
First Trimester WIC Enrollment



37.5% of Michigan WIC women enroll during the first trimester compared to 34.1% nationally.

2008-2010 PNSS

Michigan WIC Mother Profile



PNSS 2010

Michigan WIC & Birth Defects

- WIC Client Data was combined with Michigan Birth Defects Registry (MBDR) Data from 2003-2007
- Mothers with babies with BD compared to mothers with babies with no BD
- 39.3% of infants reported to MBDR were linked to a WIC Mother
- **Relationship found between a mother's BMI prior to pregnancy and BD**

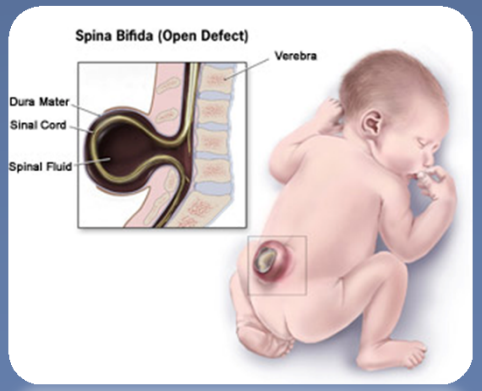
Obesity & Birth Defects

Risks for Neural Tube Defects (NTDs)

Weight category*	Increase above background risk**
Overweight (BMI ≥25)	1.2 x
Obese (BMI ≥30)	1.7 x
Severely Obese (BMI >35)	3 x
***As defined by IOM 2009*	**1-2/2000 births
The chance increases with the degree of overweight.	

Rasmussen et al., 2008

Risk also increases for heart defects and many other types of birth defects with the degree of overweight.



Prepregnancy BMI and Birth Defects

Increased odds of a birth defect if prepregnancy BMI >26

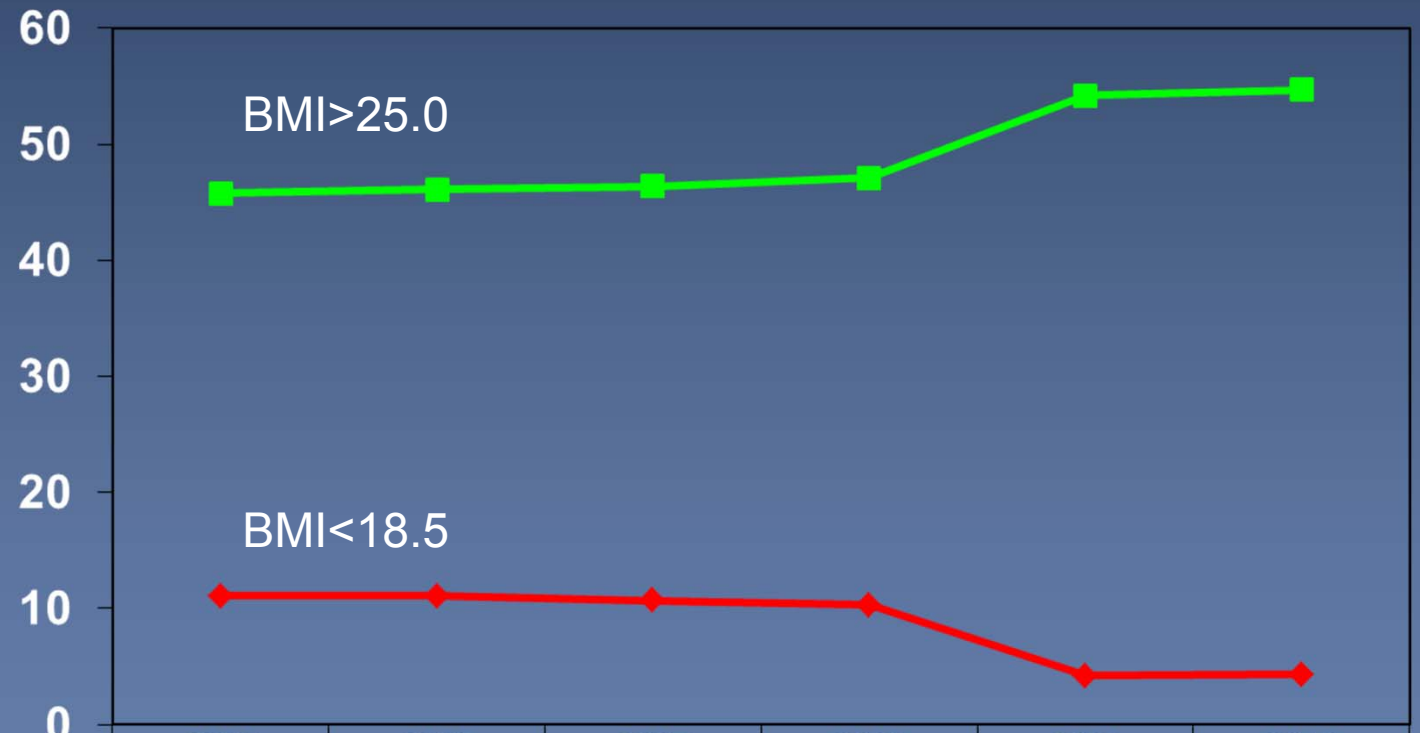
Increased odds* of birth defects:

- ✓10% increase for **any** birth defect
- ✓20% increase in CNS (brain and spine) BD
- ✓10-30% increase in Heart BD
- ✓10-40% increase in Respiratory BD

**Adjusted for maternal race and age, gestational age, maternal weight gain, and parity*

Trends in Prepregnancy Weight

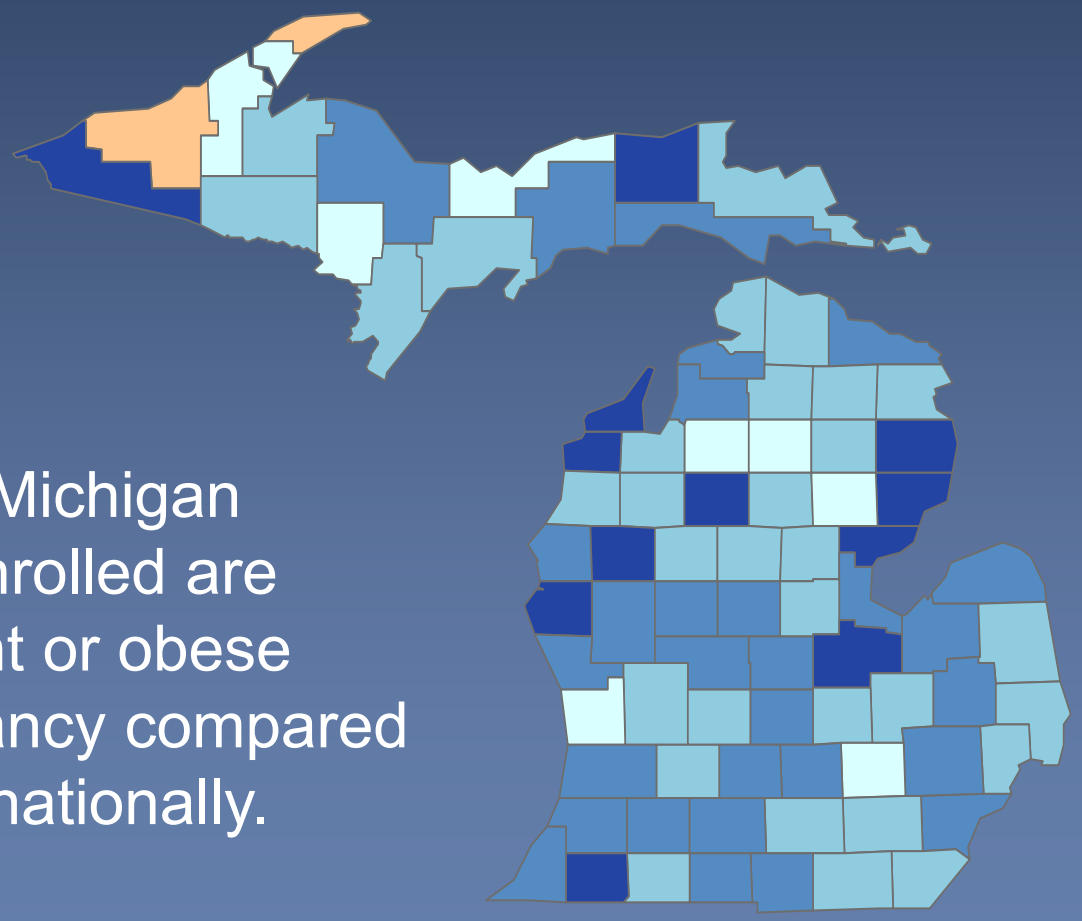
Current BMI Definition: from 2009 IOM, underwt. BMI is <18.5 and overwt. BMI is >25.0



	2005	2006	2007	2008	2009	2010
Prepreg. Underwt.	11.1	11.1	10.7	10.3	4.2	4.3
Prepreg. Overwet.	45.8	46.1	46.4	47.1	54.2	54.7

PNSS 2010

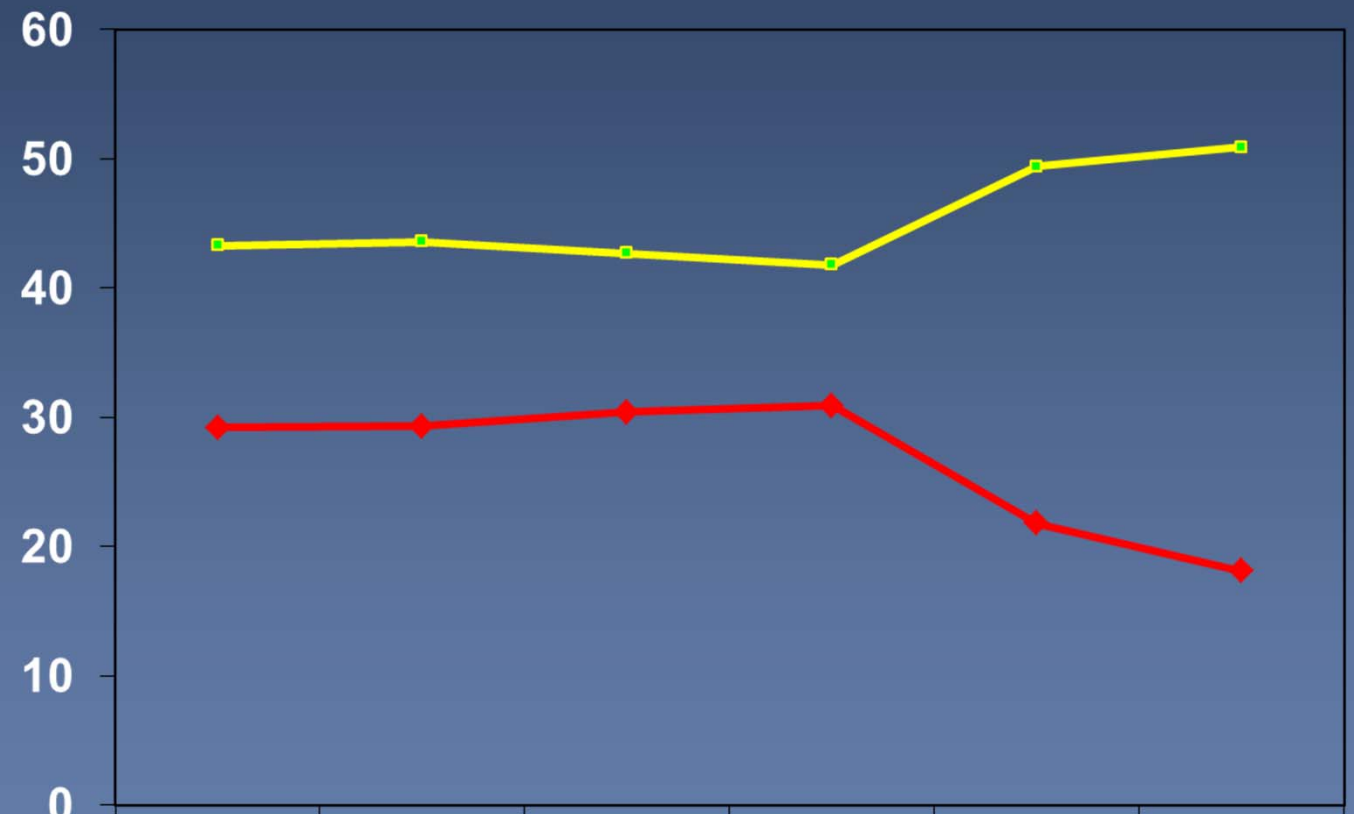
Prepregnancy Overweight, by County



54.7% of Michigan women enrolled are overweight or obese prepregnancy compared to 52.9% nationally.

2008-2010 PNSS

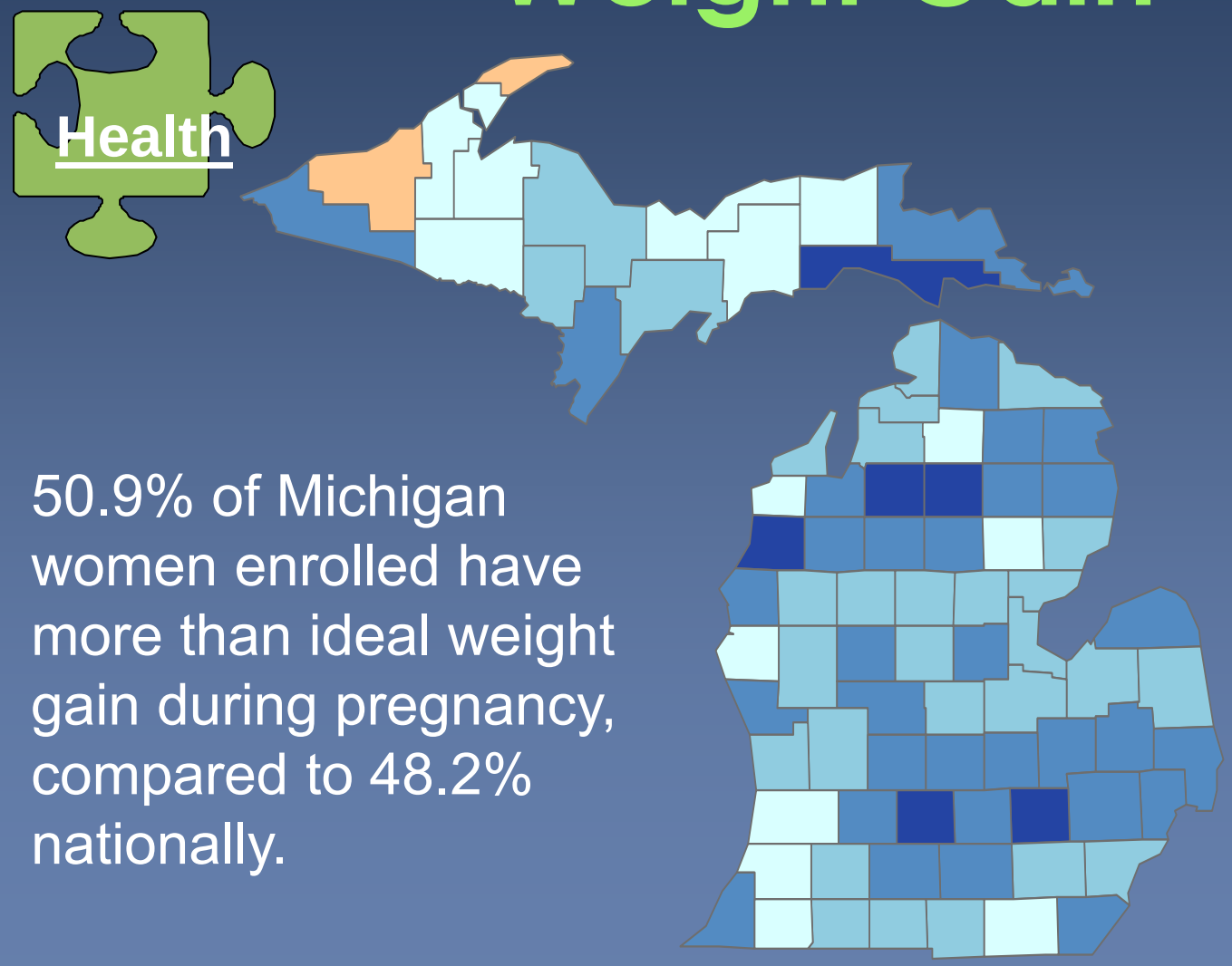
Trends in Maternal Weight Gain



	2005	2006	2007	2008	2009	2010
<Ideal Wt. Gail	29.2	29.3	30.4	30.9	21.8	18.1
>Ideal Wt. Gain	43.3	43.6	42.7	41.8	49.4	50.9

PNSS 2010

Prevalence of More than Ideal Weight Gain



50.9% of Michigan women enrolled have more than ideal weight gain during pregnancy, compared to 48.2% nationally.

2008-2010 PNSS

Michigan WIC Behaviors Nutrition and Exercise

	Fruits & Vegetables %	Sweetened Drinks %	Fast Food, >2x/wk %	TV Viewing, ≥2h/day %
WIC Mothers	88.9	45.3	10.2	ND
WIC Children 1-5	ND	30.3	10.9	19.7

Data → Education

What can we do?

Diet and Exercise

- ✓ Get to a healthy weight before pregnancy
- ✓ Remain physically active
- ✓ Eat a healthy diet and meet the recommended daily values of vitamins and minerals

Obesity & Birth Defects

What can we do?

Recommend pregnancy weight gain by weight status: • Normal = 25-35 lbs • Overweight = 15-25 lbs • Obese = 15 lbs	Screen for: • Hypertension • Diabetes Mellitus Provide postpartum support for return to a healthy weight.

Healthy Diet

Follow individual nutritional guidelines for:

- a balanced diet,
- saturated fat and cholesterol,
- added calories needed in pregnancy,
- iron and calcium intake.

Prior to pregnancy: take a vitamin containing 400 micrograms of folic acid every day!

WIC Guidance

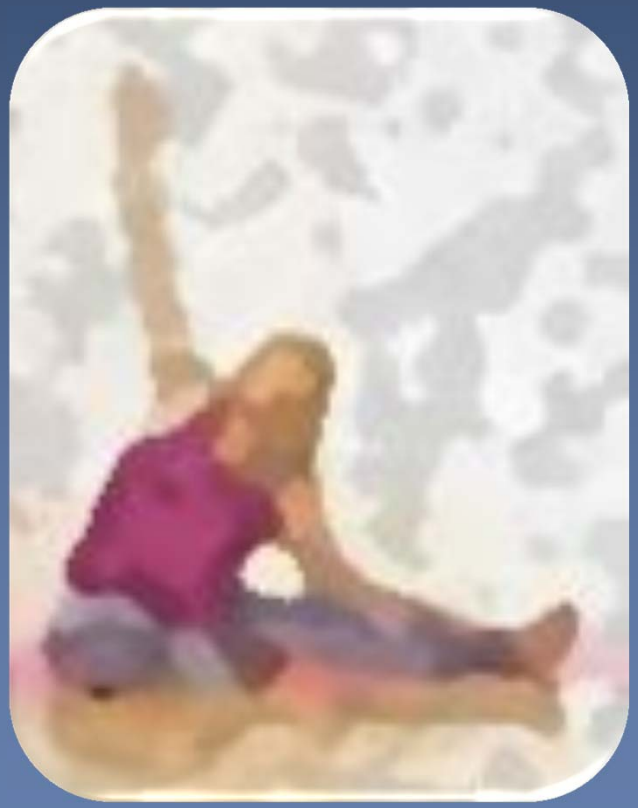
Inappropriate Nutrition Practices for Women

427.2 Consuming a diet very low in calories and/or essential nutrients; or impaired caloric intake or absorption of essential nutrients following bariatric surgery.

- Strict vegan diet;
- Low-carbohydrate, high-protein diet;
- Macrobiotic diet; and
- Any other diet restricting calories and/or essential nutrients.

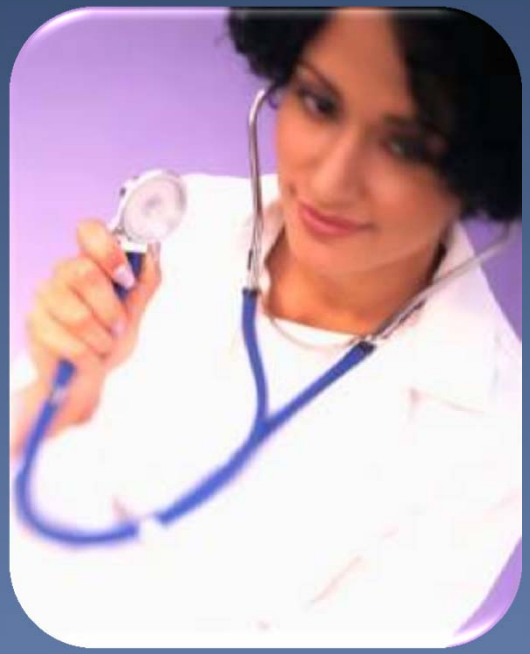
Exercise

Every woman should--



- Take moderate exercise for 30 minutes most days,
- Walking, dancing, swimming, and yoga are great exercises,
- Avoid high-risk activities and sports in which she could get hit in the belly,
- Not perform exercises requiring her to lie on her back after the first trimester.

Medical Care



- Schedule and attend regular medical and dental examinations
- Avoid unnecessary x-rays
- Keep immunizations current

✓ Know and share family history
✓ Review lifestyle choices
✓ Evaluate medications
✓ Manage chronic conditions

Prenatal Check-ups

- Schedule
  - Weeks 4-28: every 4 weeks
  - Weeks 28-36: every 2 weeks
  - Weeks 36-40: one per week
- If mother has high-risk pregnancy or chronic condition, more frequent exams may be needed

✓ **Optimal time to make changes in treatment is often *prior* to conception**

Lifestyle Choices

Avoid using certain substances

- ✓ alcohol
- ✓ tobacco
- recreational drugs
- caffeine

Avoid using hot tubs and saunas before and during pregnancy

Make good nutrition and daily exercise a priority

Alcohol

Alcohol consumption during pregnancy can lead to:

Fetal Alcohol Syndrome or FASD

- Low birth weight
- Heart and growth problems
- Miscarriage or stillbirth
- Cognitive, behavioral, and emotional impairment

There is no safe level of alcohol consumption during pregnancy.

FASD is 100% PREVENTABLE!

Smoking & Pregnancy

- Smoking during pregnancy can lead to:
  - Infant death
  - Decreased oxygen to the brain
  - Premature birth
  - Low birth weight
  - Decreased lung function of the baby
  - Childhood behavioral issues and learning disabilities

- Second hand smoke can also impact the health of the unborn baby

Smoking & Birth Defects

Risks increased for-

- certain heart defects = about 2 times background (highest for smoking > 1 pk/day)
- cleft lip and cleft palate = about 1.5-2.5 times background (higher with certain gene variants)

Smoking & Birth Defects

What can we do?

Help women quit smoking

- Find MDCH resources at www.michigan.gov/tobacco

National Resources

- March of Dimes (www.marchofdimes.com)
- Smokefree.gov (1-800-Quit-Now)
- Centers for Disease Control and Prevention (www.CDC.gov/tobacco)

Medical Conditions & Birth Defects

- ✓Obesity
- ✓Diabetes Types 1 and 2
- Thrombophilia
- Epilepsy
- Cancer
- Rheumatoid arthritis
- Phenylketonuria
- Hypertension
- Maternal heart defect

Maternal medical conditions can cause birth defects.

Better control means better outcomes.

Best treatment may have risk.

Careful planning may be needed to protect mother's health.

Medications & Birth Defects

- Women should continue taking medication as prescribed until changes are approved by their PCP.
- All medication, including over-the-counter (OTC), herbal and vitamin supplements should be considered.

Medical needs may favor use:

Some medicines are strongly associated with birth defects.

Some medicines have great benefit and little or no birth defect risk.

Many may increase the chance for birth defects or other poor pregnancy outcomes a little or in certain instances.

Diabetes Type 1 and Type 2 & Birth Defects

Smith's Recognizable Patterns of Human Malformation, 4th Edition

Major anomalies*

- Heart defects
- Neural tube defects
- Hydrocephaly
- Cleft lip with/without cleft palate
- Anorectal atresia
- Anotia/microtia
- Renal agenesis/hypoplasia
- Limb deficiencies

* Correa, et. al., 2008

Diabetes Type 1 and Type 2 & Birth Defects

Risks increased for--

- Any birth defect
- Multiple birth defects

Overall risk for birth defects among infants of diabetic mothers is about 2-4 times that of infants of non-diabetic mothers!

Type of Birth Defect*	Increase above background risk**
Heart	**4.6 x**
Heart plus (multiple)	**10.7 x**
Non-heart	**2.3 x**
Non-heart plus (multiple)	**7.8 x**
Background risk	**1/33**

Correa et al., 2008

Diabetes Type 1 and Type 2 & Birth Defects

Exposure Potential

- Nearly 3% of Michigan women 18-44 years have been told by a doctor that they have diabetes*
  - About 86% are overweight or obese
- About 1% of women who delivered a baby in the last year had problems with their blood sugar prior to pregnancy**

*Michigan Behavioral Risk Factor Survey (BRFS), 2008

**Michigan Pregnancy Risk Assessment Monitoring System (PRAMS), 2006

Preventive Measures

- Plan pregnancy
- Achieve and maintain control (monitor A1C; keep <7% *prior* to conception)
- Check blood sugar often
- Treat low blood sugar early

WIC Data & Birth Defects Resources

- WIC training site ⇨ http://www.wichealth.org/
- MDCH Preconception Health Facts (Series) ⇨ http://www.michigan.gov/mdch/0,1607,7-132-2945_5104-185449--,00.html
- March of Dimes (MOD) ⇨ www.marchofdimes.com
- Organization for Teratology Information Specialists (OTIS) ⇨ www.OTISPregnancy.org
- Teratology Society ⇨ www.teratology.org
- National Toxicology Program (Center for the Evaluation of Risks to Human Reproduction) ⇨ http://cerhr.niehs.nih.gov
- Food and Drug Administration (FDA) ⇨ www.fda.gov
- Center for Disease Control and Prevention (CDC) ⇨ www.cdc.gov
- National Center on Birth Defects and Developmental Disabilities (NCBDDD) ⇨ www.cdc.gov/ncbddd

Thank You, Together, We Can Make a Difference!

Joan Ehrhardt, MS, CGC
Birth Defects Program Coordinator
Ehrhardtj@Michigan.gov
517-335-8887
Genomics & Birth Defects Program

Hillary Turner, MPH
WIC Data Coordinator
TurnerH@Michigan.gov
517-335-3227

More to Come!

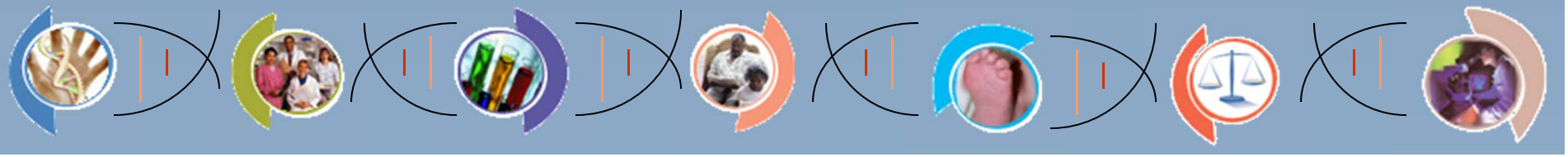
Medication: Before, During and After Pregnancy

Medications

Before, During and After Pregnancy

Joan Ehrhardt, MS, Coordinator

Genomics & Birth Defects Program



Objectives

- ✓ To describe causes of birth defects with a focus on preventable risk factors in the Michigan WIC population;
- ✓ To recognize the increased risk of birth defects to WIC clients through the review of WIC client health indicators; and
- ✓ To identify prevention strategies for WIC clients that improve reproductive outcomes and reduce the occurrence of birth defects; and
- ✓ To emphasize the importance of good preconception and interconception health practices in lowering the risk for birth defects and other adverse reproductive outcomes in the Michigan WIC population.

Goal

Reduce the number of Michigan WIC babies born with a birth defect by increased awareness of **preventable factors** and adoption of **healthy behaviors**.

Please Note

This presentation:

- Is intended for information purposes only and does not constitute medical advice.
- Includes technical terms for medical conditions and abnormal development.
- Includes pictures and photographs of birth defects.

WIC's Role

A. Increase client and staff awareness.
B. Aid client access to health care.
C. Encourage and support continuity of care with primary care provider (PCP).

Medical Care

Work with a health care provider:

- Schedule and attend regular medical and dental examinations
- Avoid unnecessary x-rays
- Know and share family history
- Keep immunizations current

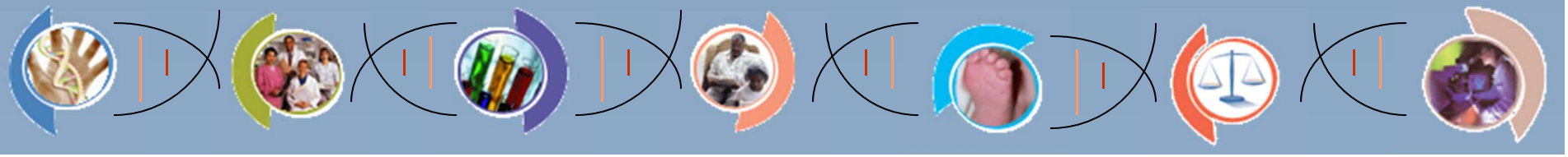
✓ Manage chronic conditions

✓ Evaluate medications

Prenatal Check-ups

- Schedule (routine)
  - Weeks 4-28: every 4 weeks
  - Weeks 28-36: every 2 weeks
  - Weeks 36-40: one per week
- If mother has a high-risk pregnancy or chronic condition, more frequent exams may be needed

✓ **Optimal time to make changes in treatment is often *prior* to conception**



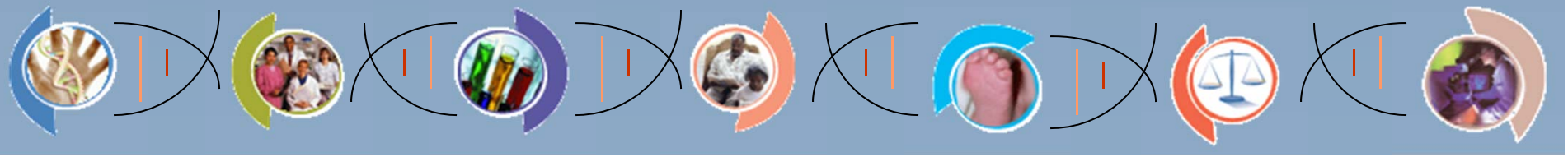
Medical Conditions & Birth Defects

- ✓Epilepsy (seizure disorder)
- ✓Thrombophilia (blood clotting disorder)
- Cancer
- Rheumatoid arthritis
- Phenylketonuria (PKU)
- Diabetes (DM Type 1 and Type 2)
- Obesity
- Hypertension (high blood pressure)
- Maternal heart defect

Maternal medical conditions can cause birth defects.

Better control means better outcomes.

Careful planning may be needed to protect mother's health.



Medication & Birth Defects

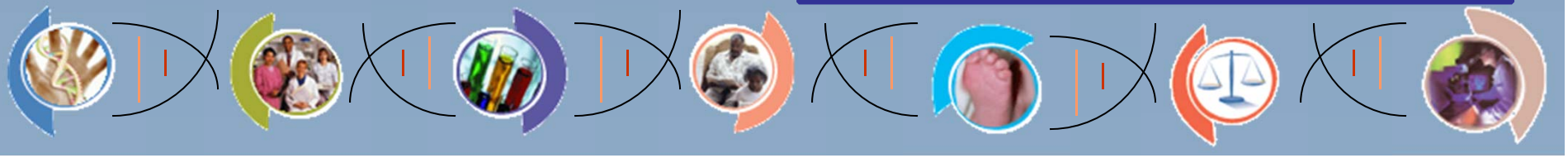
- Women should continue taking medication as prescribed until changes are approved by their PCP.
- All medication, including over-the-counter (OTC), herbal and vitamin supplements should be considered.

Medical needs may favor use:

Some medicines have great benefit and little or no birth defect risk.

Many may increase the chance for birth defects or other poor pregnancy outcomes a little or in certain instances.

Some medicines are strongly associated with birth defects.



FDA Classification of Drug Safety in Pregnancy[10]

Category	Description (*shortened*)
A	Controlled studies in women fail to show risk to the fetus in the first trimester (and no evidence of risk in later trimesters) *and* the possibility of fetal harm appears remote.
B	Either animal reproduction studies have not shown fetal risk but there are no controlled studies in pregnant women, *or* animal studies have shown an effect not confirmed in women in the first trimester (and no evidence of risk in later trimesters).
C	Either studies in animals have shown adverse effects on the fetus (teratogenic or embryocidal or other) *and* there are no controlled studies in women, or studies in women and animals are not available. ✓**Drugs should be given only if the potential benefit justifies the potential risk to the fetus.**
D	There is evidence of human fetal risk, but the benefits from use in pregnant women may be acceptable (e.g., if the drug is needed in a life-threatening situation or for a serious disease in which safer drugs cannot be used or are ineffective.)
X	Studies in animals or human beings have shown fetal abnormalities *or* there is evidence of fetal risk based on human experience, and the risk of the use of the drug in pregnant women clearly outweighs any possible benefit. ✓**The drug is contraindicated in women who are or may become pregnant.**
References	Food and Drug Administration - Code of Federal Regulations Title 21 (official language): http://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfCFR/CFRSearch.cfm?fr=201.80

Prescription Medications

DO NOT USE OR USE WITH CAUTION

- ✓ **Accutane (Isotretinoin)**
  acne
- ✓ **Coumadin (Warfarin)**
  heart valve disease, clotting tendency
- ✓ **Depakote (Valproic Acid)**
  seizures, mental illness
- **Thalidomide**
  certain cancers; certain skin conditions
- **Methotrexate**
  certain cancers; rheumatoid arthritis

Retinoids (Vitamin A)

Indications

- Acne (severe, nodular, scarring)
- Melanoma (metastatic)
- Acute nonlymphocytic leukemia

Oral form = major concern

Medications

Isotretinoin:

✓Accutane ®

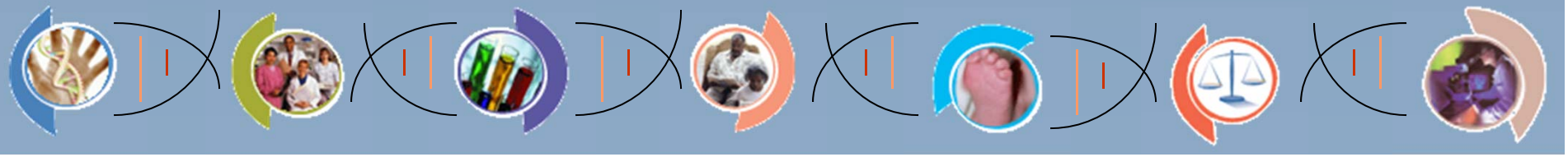
- Amnesteem®
- Claravis ®
- Sotret ®

Etretinate:

- Tegison ®

Acitretin:

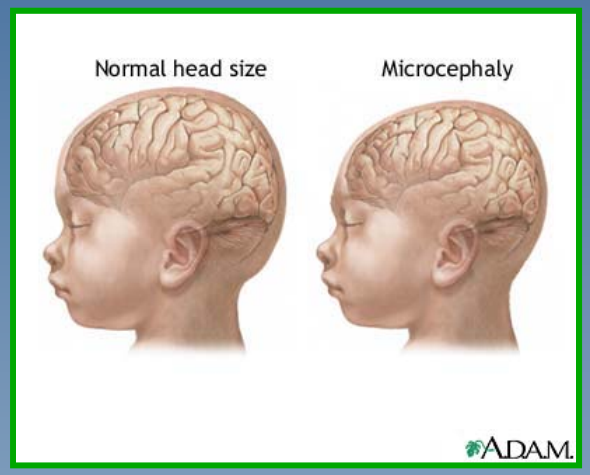
- Soriatane ®

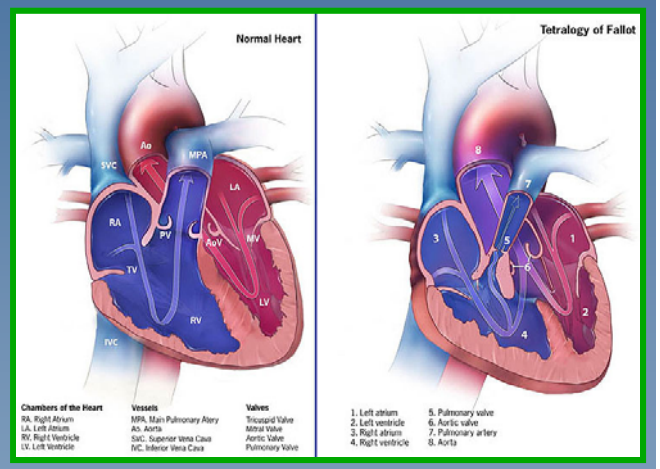


Retinoids (Vitamin A)

Major anomalies

- Microtia/Anotia
- Heart defects
- Microcephaly, hydrocephalus



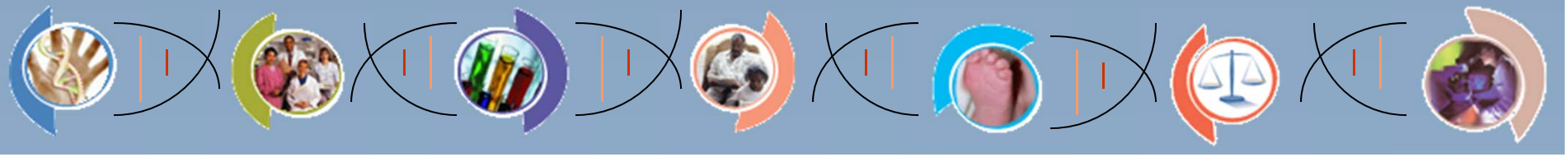


Minor features

- Flat nasal bridge
- Tooth enamel mottling
- Ocular hypertelorism (widely spaced eyes)

Growth and development

- Developmental delays and cognitive impairment



Retinoids (Vitamin A)

Exposure potential

- Lack of written medical recommendation = 64%
- Failure to use two contra-ceptive methods = 78%
- Lack of pregnancy test before prescribing = 66%
- Failure to wait for menstrual cycle to begin = 82%

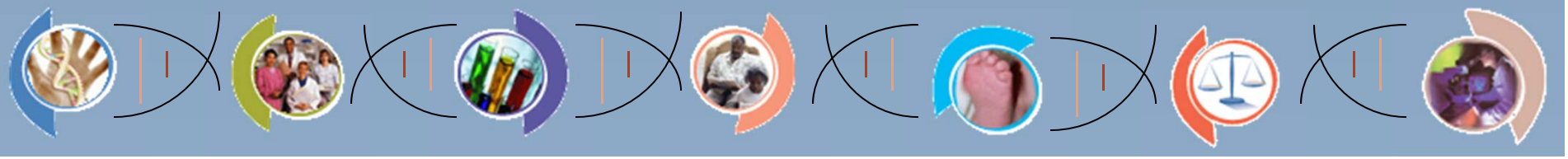
Risk estimates

- Miscarriage ~ 40%
- Birth defects ~ 35%
- Pregnancy rate ~2.7/1000 using isotretinoin (US)

Preventive Measures

CONTRACEPTION

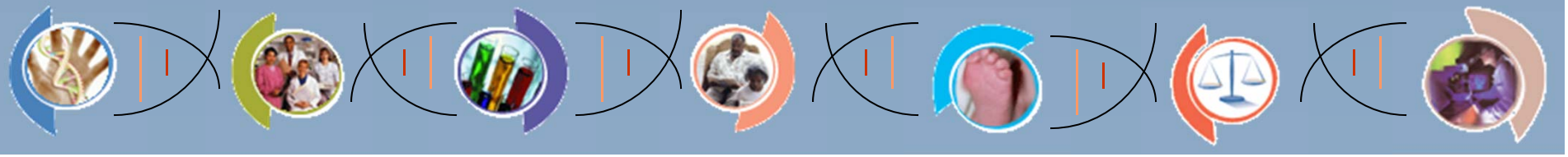
iPLEDGE: www.ipledgeprogram.com



Epilepsy & Antiepileptics

Indications

- Epilepsy (seizures)
- Mood disorders
- Headaches



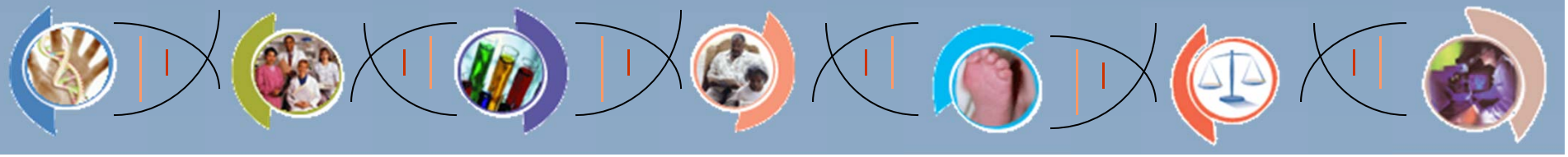
Epilepsy & Antiepileptics

Medications

- Benzodiazepines
  - -Clonazapam (Klonopin®)
  - -Diazepam (Valium®)
- Carbamazepine (Tegretol®) Gabapentin
- Lamotrigine (Lamictal®)
- Levetiracetam (Keppra®)
- Oxcarbazepine (Trileptal®)

Medications (continued)

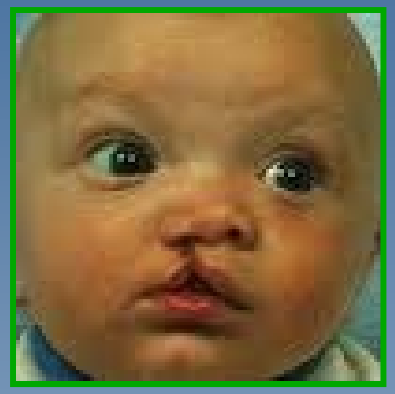
- Phenobarbitol (barbiturate)
- Phenytoin (Dilantin®)
- Primidone
- Topiramate (Topamax®)
- ✓**Valproate (Depakote®)**
- Vigabatrin (Sabril®)
- Zonisamide (Zonegran®) (sulfonamide)



Epilepsy & Antiepileptics

Major anomalies

- Cleft lip/palate
- Heart defects
- Spina bifida
  (~1-5% of exposed fetuses)



Minor features

- Midface hypoplasia
- Digit hypoplasia
  (fingers and toes)

Growth and development

- Low birth weight
- Developmental delays and cognitive impairment

Epilepsy & Antiepileptics

Exposure Potential

- About 0.5% (1/200) pregnant women have epilepsy.

Preventive Measures

Plan pregnancy; suggested preconceptional folic acid supplementation of up to 4 mg/day (prescription required).

Risk Estimates

- 4-10% overall risk for birth defects in children of women treated for epilepsy.
- Results mixed concerning baseline risk in children of untreated women with epilepsy.

Warfarin (Anticoagulant)

Indications

- Heart valve disease
- Heart valve replacement
- Anti-phospholipid antibody
- Thrombophilia
  (blood clotting disorder)
- Deep vein thrombosis (DVT)
  (blood clot in leg veins)
- Pulmonary embolism
  (blood clot in lung artery)

Medication

- Coumadin®

Action

- Blood thinner
- Inhibits synthesis of Vitamin K dependent clotting factors II, VII, IX, X and proteins C, S

Warfarin (Anticoagulant)

Fetal Warfarin Syndrome

- Stippling of epiphyses of proximal femur (hip) and calcaneus (heel) (chondrodysplasia punctata)
- Hypoplastic distal phalanges (under-developed tips of fingers and toes)
- Low birth weight (usual catch-up)
- Increased risk for CNS anomalies seen with 2nd and 3rd trimester exposure (e.g., microcephaly, hydrocephalus)
- Fetotoxicity (miscarriage; stillbirth; neonatal death) ~50%
- Scoliosis
- Hypoplastic nose
- Depressed nasal bridge
- Hearing loss
- Eye anomalies; blindness
- Heart defects
- Cognitive impairment
- Seizures

Warfarin (Anticoagulant)

Exposure Potential

- Valvular heart disease affects <1% of all pregnancies
- Heart disease affects 1-4% of pregnancies

Risk Estimates

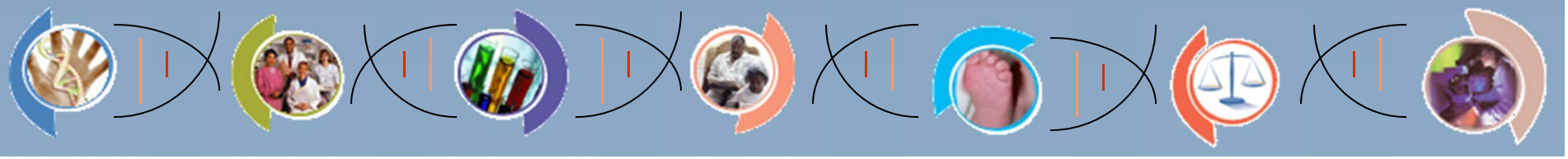
- 6% to 25% of exposed fetuses
- Susceptibility dependent on genetic variants/slow metabolizers

Preventive Measures

Plan pregnancy; decrease coumadin to ≤ 5 mg/day; some suggest to use heparin in first trimester.

Over-the-Counter Medications

- ✓ Aspirin
- ✓ Ibuprofen
- Cough syrup
- Allergy medication



Aspirin (Salicylates)

Indications

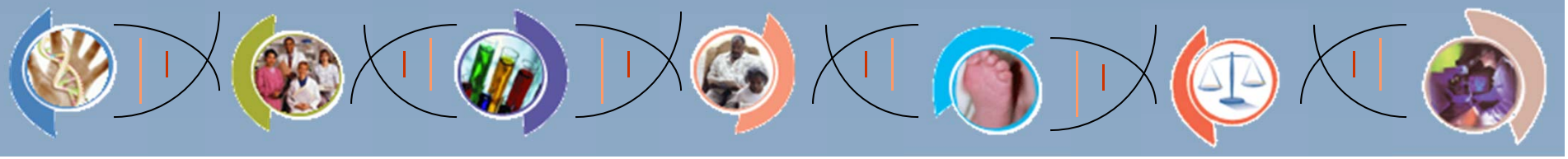
- Pain management
- Rheumatic disease
- Heart disease

Low dose may be protective.

High dose risk near term:

Mother = prolonged gestation, complicated delivery, increased pre- and post-partum bleeding

Fetus = early closure of ductus arteriosus, increased risk for stillbirth, intracranial hemorrhage, low birth weight, transient renal failure and oligohydramnios (low amniotic fluid)



Ibuprofen

Indications

- Pain management
- Rheumatic disease

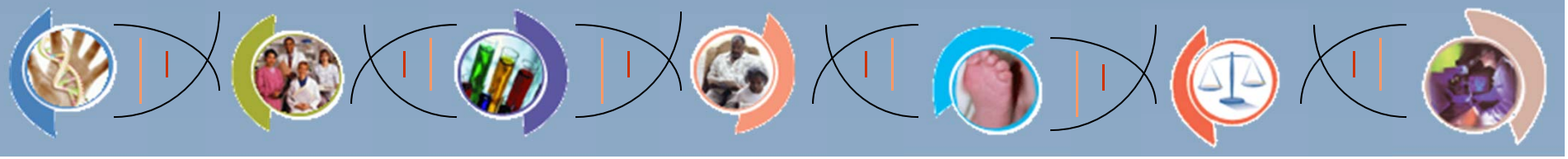
Medications

- Motrin ®
- Advil ®
- Nuprin®

High dose risk near term:

Mother = prolonged gestation, complicated delivery, increased pre- and post-partum bleeding

Fetus = early closure of ductus arteriosus, increased risk for stillbirth, intracranial hemorrhage, low birth weight, transient renal failure and oligohydramnios (low amniotic fluid)



Herbal Supplements

- Not regulated by FDA
- Manufacturers are not required to perform safety and effectiveness studies
- Improper labels or misguided information
- Few trials so not enough information on safety
- May be adulterated with other drugs or contaminated with heavy metals or bacteria

Vitamins

Inappropriate Nutrition Practices for Women

427.4 Inadequate vitamin/mineral supplementation recognized as essential by national public health policy.

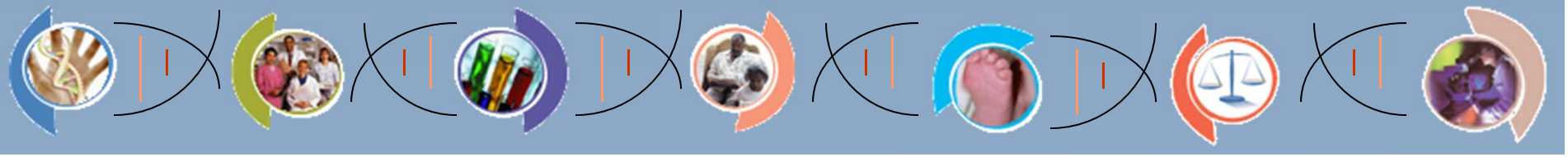
- Consumption of less than 27 mg of iron as a supplement daily by pregnant woman.
- Consumption of less than 150 mcg of supplemental iodine per day by pregnant and breastfeeding women.
- Consumption of less than 400 mcg of folic acid from fortified foods and/or supplements daily by non-pregnant woman.

Talking Points

- ✓ Many birth defects develop early in pregnancy, before many women know they are pregnant
- ✓ Some birth defects are preventable
- ✓ Certain medical conditions in women can cause birth defects
- ✓ Certain medications can cause birth defects
- ✓ The best time to optimize medical management is before pregnancy
- ✓ Planning pregnancy gives time to make changes that increase the chances of a healthy pregnancy and healthy baby
- ✓ Medicines should be taken as directed; changes should be made with a health provider's guidance

Resources

- Organization for Teratology Information Specialists (OTIS) ⇨ www.OTISPregnancy.org [Toll Free 866-626-6847 in English and Spanish]
- Teratology Society ⇨ www.teratology.org
- March of Dimes (MOD) ⇨ www.marchofdimes.com
- Food and Drug Administration ⇨ www.fda.gov
- MotheRisk ⇨ www.motherisk.org
- Dietary Supplements Database ⇨ http://dietarysupplements.nlm.nih.gov/dietary
- Teratogen Information System (TERIS) and Shepard's Catalog of Teratogenic Agents ⇨ http://depts.washington.edu/terisweb/teris/ (annual subscription fee $150.00 *3-2011*)

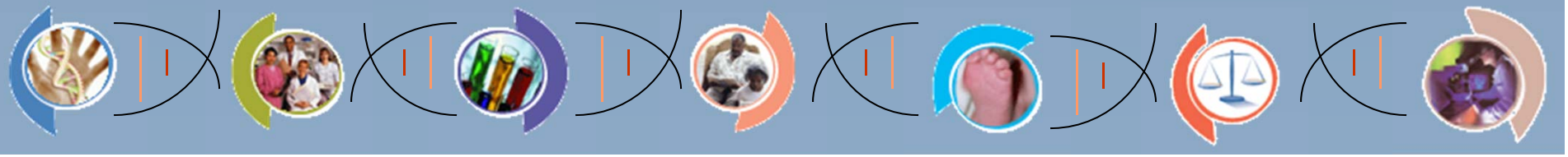


Thank You
Together, we can make a difference!

Genomics & Birth Defects Program

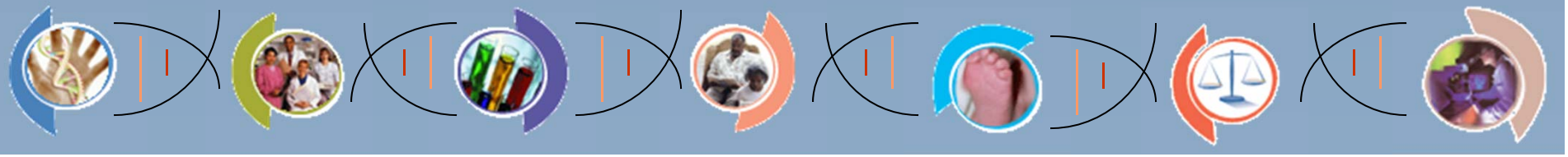
Contact:
Joan Ehrhardt, MS, CGC
Birth Defects Program Coordinator
Ehrhardtj@Michigan.gov
517-335-8887

For birth defects prevention information and educational materials



Acknowledgements

Special thanks to the MDCH WIC Program for their interest and support for collaboration and continuing education.



MI-PNSS & PedNSS

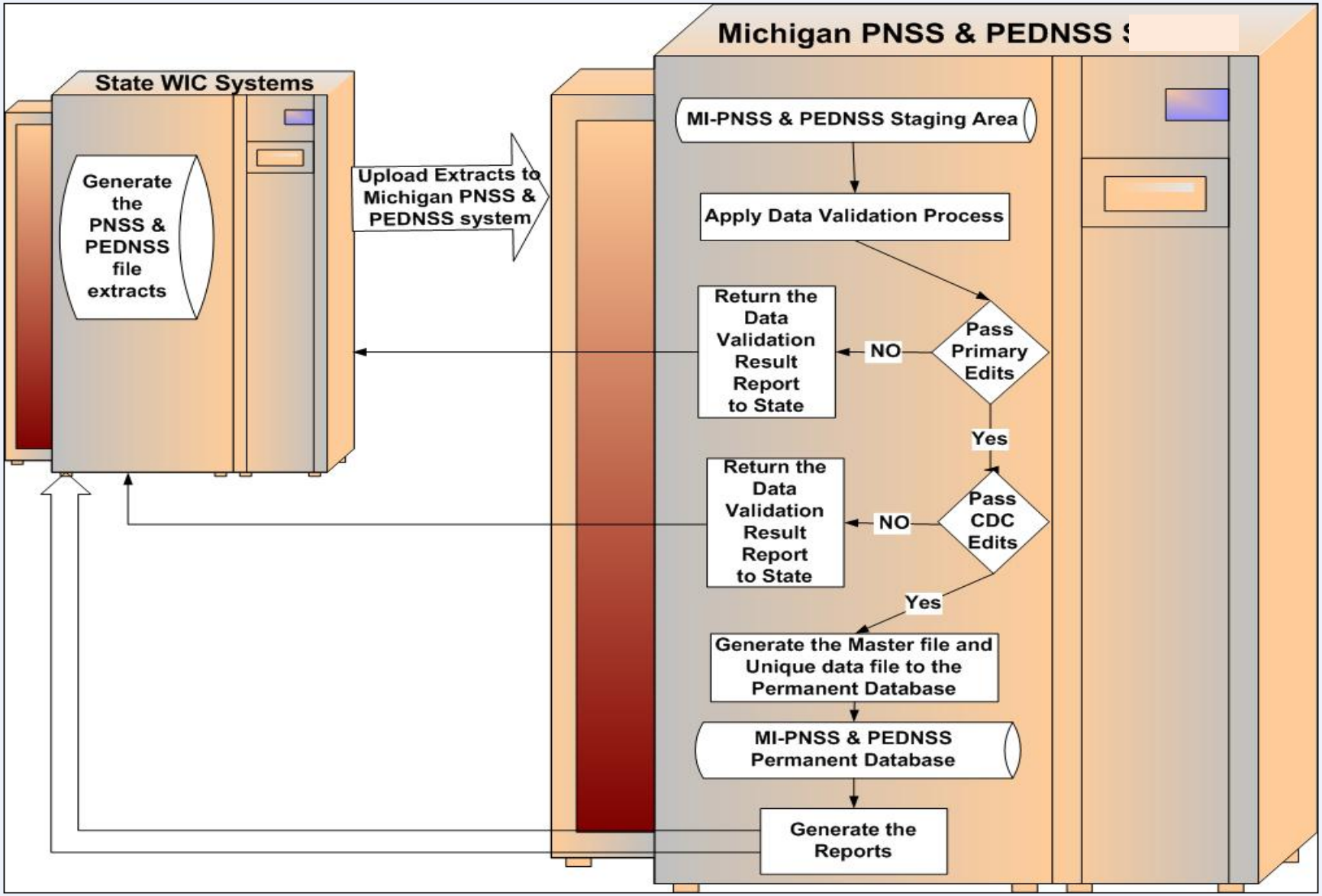
2015 NWA Technology Conference

Kobra Eghtedary, PhD
Director of Data, Research & Technology
Michigan WIC Program
Michigan Department of Health & Human Services

Project Team

- Michigan WIC - Project Planning, Design & Implementation
  - Kobra Eghtedary, PhD
  - Bagya Kodur, MS
- Three Sigma Software - Design & Development Vendor
  - Kamalesh Bandanadham
  - Ramesh Balyam
- Bicoastal Hills Consulting - Project Consultant
  - Craig Hill
- Pilot States
  - MWR: Minnesota, Ohio, Wisconsin, Indiana, Illinois
  - Hawaii

System Features



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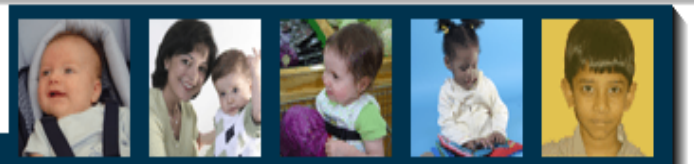

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STATE

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- Mississippi
- Missouri
- Montana
- Nebraska
- Nevada
- New Hampshire
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- New Mexico
- New York
- North Carolina
- North Dakota
- Ohio
- Oklahoma
- Oregon
- Palau
- Pennsylvania
- Puerto Rico
- Rhode Island
- South Carolina
- South Dakota
- Tennessee
- Texas

NOTES & ALERTS

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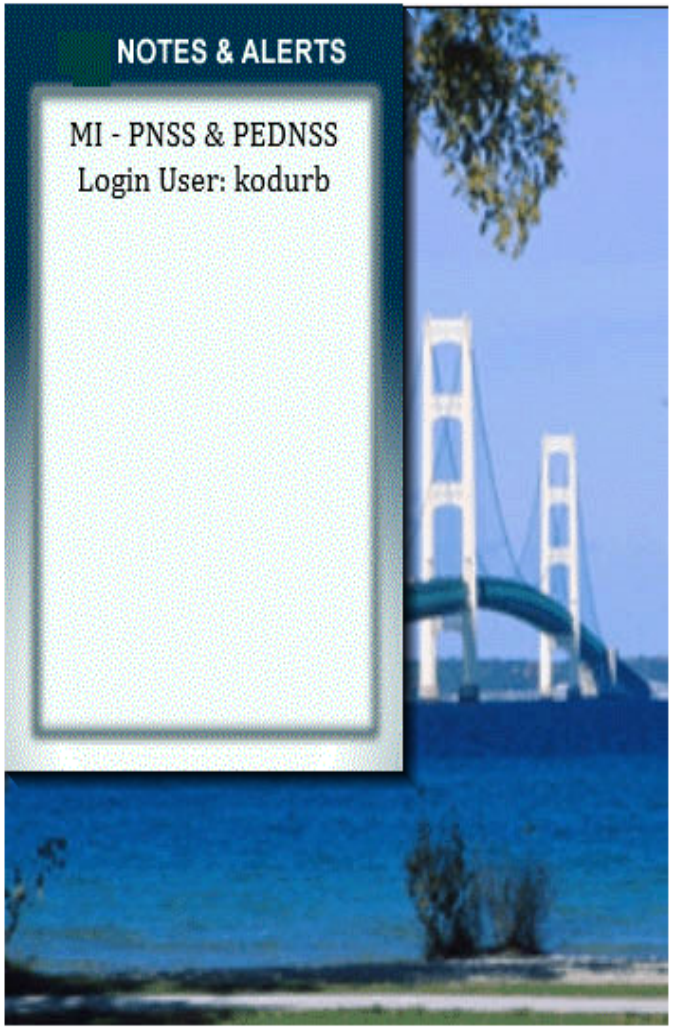

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Year*: **Quarter*:**

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Date Uploaded	State	Year	Quarter	Activity	File Uploaded	File Renamed	File Status
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03/04/2015	MI	2014	Q2	PNSS	PNSS_04012014_063...	MI_PNSS_2014_Q2.dat	Data Quality Err...
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Data Quality
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Data Quality Summary

State*: MI Activity*: PEDNSS Year*: 2013 Quarter*: Q4 Go

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File Status: Reports Generated

Total Records: 92789

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Error Description	Field Count
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Completion Code and Record Linkage Errors	0
Mis-coded Data	0
BIV (Biologically implausible values)	0
Cross-check Errors	0
Unusual Data Distributions	0
Low or High Standard Deviations	0

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Data Quality Details

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File Upload

Data Quality

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Data Quality Details

State: MI Activity: PEDNSS Year: 2013 Quarter: Q4

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LENGTH_OF_TIME_BREASTFED	70094	20	
MONTHLY_HOUSEHOLD_INCOME	34590	20	

Display

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Only first 50 records are displayed out of 61560. BALYAMR1234 Login State - MI wicpprs1

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- Clinic
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Reports – PNSS 2014

Table 1C
2014 Pregnancy Nutrition Surveillance (1)
Michigan
Summary of Demographic Indicators (2)

Run Date: 04/09/2015

Total Records	Number	%
Complete Records	49,060	74.5
Prenatal Records	4,243	6.4
Postpartum Records	12,568	19.1
Total Records Accepted	**65,871**	

Source of Data	Number	%
WIC	65,871	100.0
Maternal Health	0	0.0
Other	0	0.0
Total	**65,871**	**100.0**
Excluded Unknown: 0 0.0		

Race/Ethnic Distribution	Number	%
White, Not Hispanic	36,682	56.0
Black, Not Hispanic	18,468	28.2
Hispanic	6,395	9.8
American Indian/Alaska Native	230	0.4
Asian/Pacific Islander	1,325	2.0
Multiple Races	2,390	3.6
All Other	0	0.0
Total	**65,490**	**100.0**
Excluded Unknown: 376 0.6		

Age Distribution	Number	%
< 15 Years	102	0.2
15 - 17 Years	2,221	3.4
18 - 19 Years	5,981	9.1
20 - 29 Years	41,835	63.6
30 - 39 Years	14,516	22.1
>= 40 Years	1,098	1.7
Total	**65,753**	**100.0**
Excluded Unknown: 118 0.2		

Education Distribution	Number	%
> High School	20,739	32.0
High School	28,721	44.3
< High School	15,301	23.6
Total	**64,761**	**100.0**
Excluded Unknown: 1,110 1.7		

Poverty Level	Number	%
0 - 50	35,090	65.9
51 - 100	14,284	26.8
101 - 130	2,712	5.1
131 - 150	382	0.7
151 - 185	264	0.5
186 - 200	66	0.1
> 200	166	0.3
Adjunctive Eligibility	263	0.5
Total	**53,227**	**100.0**
Excluded Unknown: 12,644 19.2		

Program Participation (3)	Number	%
WIC	53,303	100.0
SNAP	53,229	55.3
Medicaid	53,203	86.0
TANF	53,255	8.5
Excluded Unknown:		
WIC:	0	0.0
SNAP:	0	0.0
Medicaid:	0	0.0
TANF:	0	0.0

Migrant Status	Number	%
Yes	517	0.8
No	65,354	99.2
Total	**65,871**	**100.0**
Excluded Unknown: 0 0.0		

(1) Reporting period is January 1 through December 31
(2) Excludes records with unknown data errors.
(3) Prenatal program participation
* Percentages are not calculated if <100 records are available for analysis after exclusions

2014 PNSS Trends Report

Table 19C

2014 Pregnancy Nutrition Surveillance (1)

Run Date: 05/12/2015

Michigan

Summary of Trends in Infant Health Indicators

Summary of Trends in Infant Health Indicators (2)									
Year	Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)	High (4)						
	Number	%	%	Number	%	Number	%	Number	%
2014	57,572	9.0	7.0	59,292	11.8	50,471	3.8	57,574	63.6
2013	58,028	8.7	7.2	59,882	11.5	50,981	3.7	58,101	63.1
2012	58,368	8.8	7.3	60,111	12.1	50,877	3.7	58,753	61.2
2011	58,040	8.6	7.1	59,523	11.7	50,780	3.6	58,401	60.5
2010	56,075	8.5	7.2	57,799	12.0	48,927	3.6	56,127	59.8

PedNSS 2014- Michigan

Table 1C
2014 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Demographic Indicators (2,3)
Children Aged < 5 Years

Run Date: 05/04/2015

Total Records	Number
Total Records (All Visits)	411,777
Individual Children	250,091

Source of Data	Number	%
WIC	250,091	100.0
EPSDT	0	0.0
Child Health-MCH	0	0.0
Child Health-HMO	0	0.0
HeadStart	0	0.0
School Health	0	0.0
Other	0	0.0
Total	250,091	100.0
Excluded Unknown: 0 0.0		

Race/Ethnic Distribution	Number	%
White, Not Hispanic	123463	49.4
Black, Not Hispanic	67270	26.9
Hispanic	33587	13.4
American Indian/Alaska Native	783	0.3
Asian/Pacific Islander	4551	1.8
Multiple Races	20157	8.1
All Other	51	0.0
Total	249,862	100.0
Excluded Unknown: 229 0.1		

Age Distribution (4)	Number	%
3 - 4 Years	71,991	28.8
24 - 35 Months	38,641	15.5
12 - 23 Months	52,872	21.1
6 - 11 Months	31,189	12.5
0 - 5 Months	55,398	22.2
Total	250,091	100.0

% of Poverty Level	Number	%
0 - 50	175,908	71.1
51 - 100	64,258	26.0
101 - 130	4,477	1.8
131 - 150	1,167	0.5
151 - 185	1,115	0.5
186 - 200	257	0.1
Over 200	351	0.1
Adjunctive Eligibility	0	0.0
Total	247,533	100.0
Excluded Unknown: 2,558 1.0		

Program Participation	Number	%
WIC	250,091	100.0
SNAP	248,883	55.7
Medicaid	247,290	80.6
TANF	249,155	6.8
Excluded Unknown		
WIC	0	0.0
SNAP	1,208	0.5
Medicaid	2,801	1.1
TANF	936	0.4

Migrant Status	Number	%
No	248,303	99.3
Yes	1,788	0.7
Total	250,091	100.0
Excluded Unknown: 0 0.0		

(1) Reporting period is January 1 through December 31
(2) Analyses based on one record per child
(3) Excludes records with unknown data errors.
(4) Records rejected if date of birth and date of visit unknown
* Percentages are not calculated if <100 records are available for analysis after exclusions

MI-PNSS & PedNSS

Phase One - Pilot

- Demonstrate the ability to process and generate PNSS & PedNSS data & reports
- Evaluate the effectiveness of MI-PNSS & PedNSS
- Evaluate the operation cost of the project

****

- Minnesota, Ohio, Wisconsin, Indiana, Illinois, & Hawaii
- Other states requesting to join the project- Arkansas, Colorado, Wyoming, South Dakota, North Dakota, Florida, Maryland, Oregon

Progress Report

- Pilot phase started with MWR States (Minnesota, Ohio, Illinois, Indiana, Wisconsin) & Hawaii

- MOUs/data sharing agreements were signed with all participating states.

- Access to MI-PNSS & PedNSS was granted through the State secure "Single Sign On"

- Processed 2010, 2011 & 2012 data from MW Regional States (Minnesota, Ohio, Indiana, Illinois, Wisconsin) & Hawaii

- Reports were generated for States that submitted their data and UAT completed from all participating States

- Data quality reports and Master files were generated for the years data was submitted for all participating States

Progress Report

- Michigan, Minnesota, Wisconsin & Ohio:
  - 2010, 2011, 2012, 2013 & 2014 PNSS & PedNSS
- Indiana:
  - 2010, 2011, 2012 & 2013 PNSS & PedNSS
- Hawaii:
  - 2010, 2011, 2012, 2013 & 2014 PedNSS
  - 2010, 2011 PNSS

Data Sharing Agreement/MOU

State of Michigan
Department of Community Health, WIC Division
Data Sharing Agreement

The Michigan WIC program is requesting State WIC participant data for the years 2010 - 2016 and information for the following reasons:

I. TITLE OF PROJECT

Michigan Pregnancy and Pediatric Nutrition Surveillance System (MI PNSS – PedNSS) Pilot

II. PURPOSE OF AGREEMENT

To replicate the Pregnancy Nutrition Surveillance System (PNSS) and Pediatric Nutrition Surveillance System (PedNSS) data collection and reporting for Midwest Region WIC programs that have been discontinued by the Centers for Disease Control and Prevention (CDC). These two surveillance systems are described as follows:

1. PNSS is a nutrition surveillance system developed by the CDC. PNSS monitors risk factors associated with infant mortality and poor birth outcomes among low-income pregnant women who participate in federally funded public health programs. The system is intended to characterize trends and patterns in key indicators of maternal and infant health. This information can be used for program planning and targeting. The indicators monitored by PNSS include demographics, maternal health indicators such as pre-pregnancy weight status, prenatal weight gain, parity, inter-pregnancy intervals and anemia. Data on maternal behaviors include medical care, WIC enrollment, smoking and drinking. Data on infant health include birth weight, preterm births, full term low birth weight and breastfeeding initiation.

2. PedNSS is a nutrition surveillance system developed by the CDC. PedNSS monitors the general health and nutritional status of low-income U.S. children up to the age of 18 years who participate in federally funded public health programs. The system is intended to characterize trends and patterns in key indicators of nutritional status. This information can be used for program planning and targeting. The indicators monitored by PedNSS include demographics, birth weight, weight, height/length, anemia and breastfeeding. Also included are supplemental indicators such as TV watching and smoking in household.

The Michigan WIC program agrees that the participant data and information provided will be used for:

1. Replicating the PNSS and PedNSS data collection and reporting systems in Midwest Region WIC programs for use in the respective WIC program and their agencies' programs;

2. Evaluating the MI PNSS and PedNSS process, cost and effectiveness; and

3. Providing recommendation for a national model for continuation of PNSS and PedNSS.

4. Any other uses including studies, publications and presentations of Participant Data require prior written approval from the State WIC Program.

III. RESPONSIBILITIES

The Michigan WIC program assures that it:

1. Will not charge or be charged any fees for these services. Both parties shall bear their own costs associated with this Agreement;

2. Will not release or allow access to these data in full or in part to any third person party or program;

3. Will provide the State WIC Program with test scripts for guiding the participating States through UAT of the MI PNSS – PedNSS System

4. Will not present or publish data in a manner in which any individual can be identified;

5. Will send a copy of any report or article produced as a result of use of these data to the respective participating WIC program;

6. Will provide PNSS and PedNSS Master file, PedNSS Unique Master file for the years extracts were submitted upon request ; and

7. Upon destruction of submitted data from the MI PNSS – PedNSS system, the participating states will no longer be able to access their data or reports from the system. In order for the data to be destroyed by December 31, 2017, Michigan will require a

Michigan De-duplicated Enrollment by Race, FY 2014

12.5% of total de-duplicated enrollees are Hispanic:

I/C 39,483
W 11,834
Total 51,317

Race	Category		Total	% Enrolled
	I/C	W		
White	178,799	77,777	256,576	62.1
Black or African American	81,766	33,267	115,033	27.9
Multi-Racial	26,971	4,613	31,584	7.6
Asian	5,080	2,444	7,524	1.8
American Indian/Alaskan Native	1,307	634	1,941	0.5
Native Hawaiian/Other Pacific Islander	169	106	275	0.1
Total	**294,092**	**118,841**	**412,933**	**100.0**

91.4 % of PG women enrolled return to WIC postpartum

Michigan WIC Top Ten List

Indicators	2004	2014	Progress Direction
First Trimester Entry into WIC	31.3	35.8	👍
Birth weight: • LBW <2500 g	7.7	9.1	👎
• Full Term LBW	--	3.8	
• HBW >4000 g	8.3	7.0	👍
• % Preterm Infants	--	11.8	
Breastfeeding: • Initiation	50.5	63.6	👍
• 6 Months Duration	14.6	17.7	👍
Prenatal Weight Gain: • <Ideal	26.0	17.3	👍
• >Ideal	48.9	52.3	👎
Body weight: • 85th-<95th%, ≥2yrs	16.1	16.7	👎
• ≥95th%, ≥2yrs	13.2	14.2	👎
Anemia, Low Hg, 3rd Trimester	30.4	39.5	👎
Anemia, Low Hg, 6 months - 5 yrs.	13.1	19.0	👎
Prenatal Smoking, Last Trimester	23.0	16.4	👍
First Trimester Prenatal Care	74.1	79.6	👍
Prepregnancy: • Overweight/Obese	51.7	56.2	👎
• Underweight	4.8	4.3	👍

Michigan WIC Five-year-plan

The Health Outcome Indicators

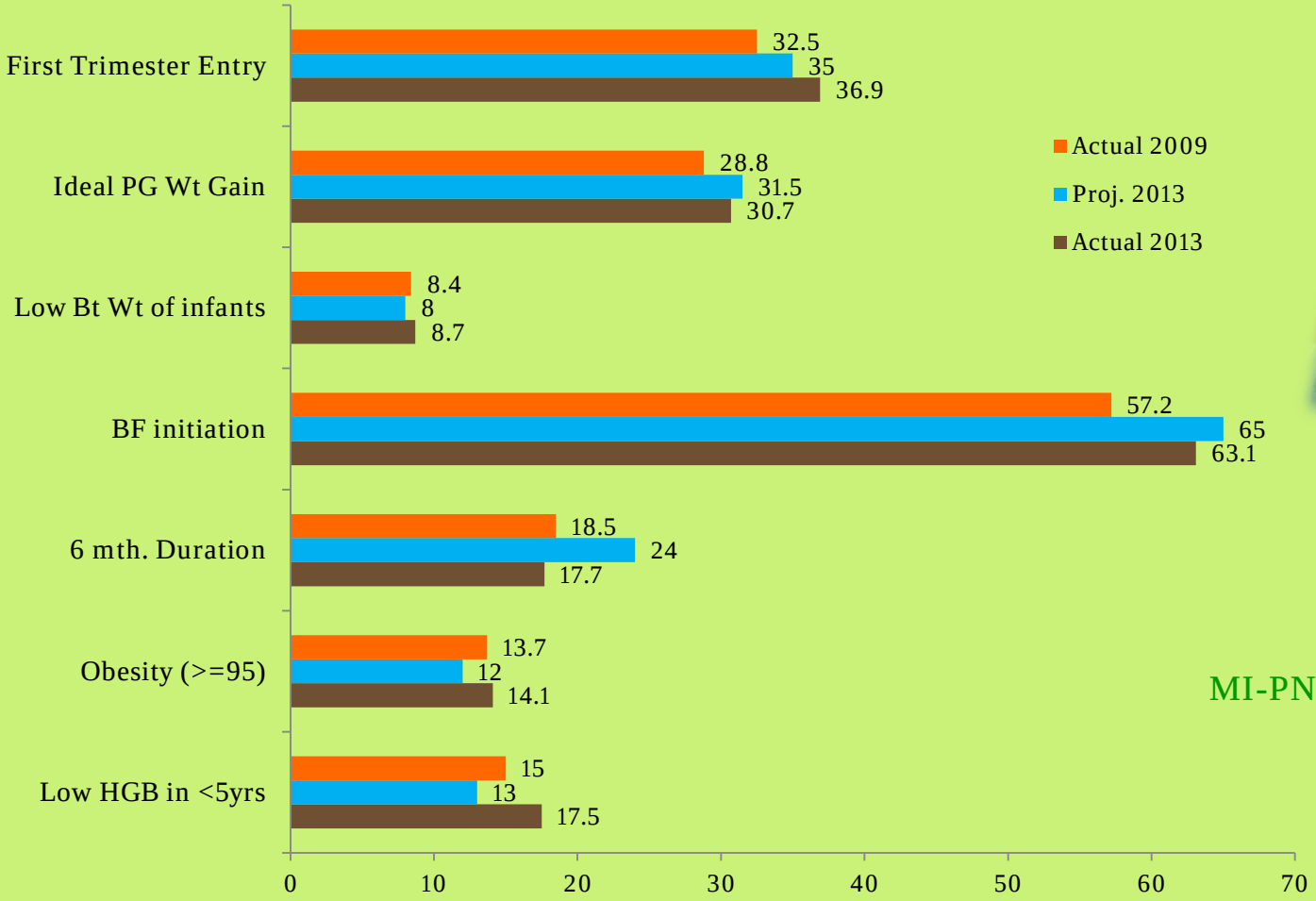
January 2014 To December 2018

- Increase first trimester entry into the WIC program from 35.8% to 40.0%.
- Increase ideal prenatal weight gain from 30.4% to 33.5% among Michigan WIC mothers.
- Reduce the percent of low birth weight infants born to women enrolled in Michigan WIC from 9.1% to 8.5%.
- Increase breastfeeding initiation rate from 63.6% 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 14.2% to 13.5%.
- Decrease the prevalence of low hemoglobin level from 19.0% to 17.0% among children less than five years of age.

The projections are based on the 2004-2014 trend data from MI-PNSS & PedNSS. 2014 data is used as the baseline for a five-year-plan from Jan. 2014 to Dec. 2018.

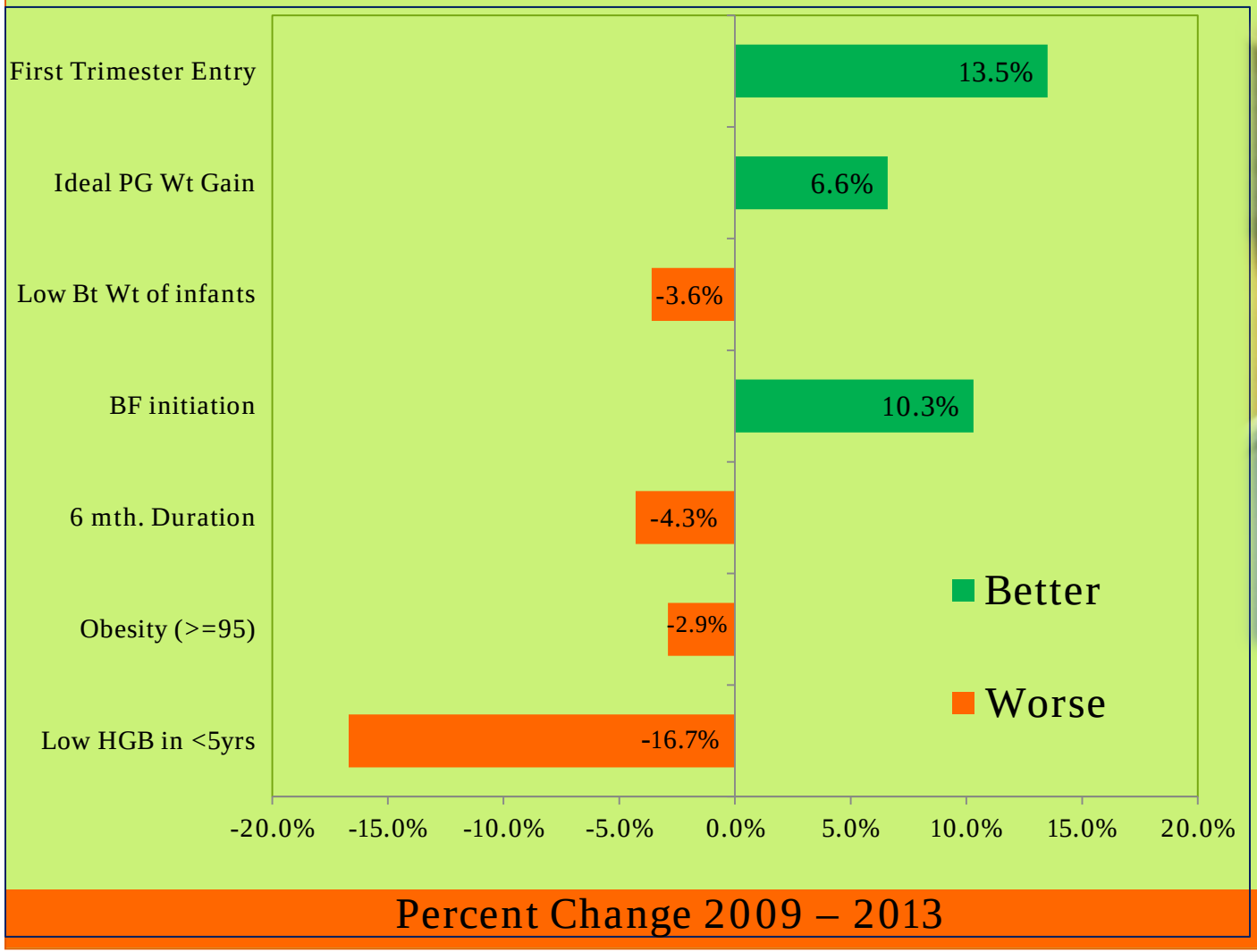
Update: March 2014, KE

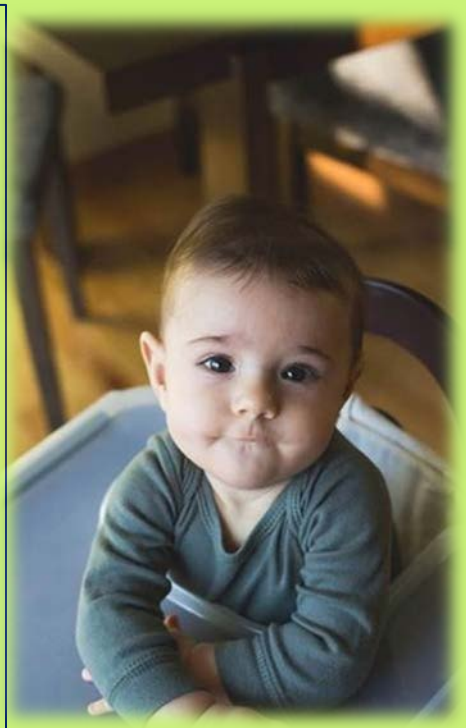
Health Progress Review
2009 -2013 Five Year Plan



MI-PNSS & PedNSS

Health Progress Review
2009 -2013 Five Year Plan





MI-PNSS & PedNSS

An Average Day in the Michigan WIC Program

WIC 2014

54% Of babies born in Michigan enroll in WIC.

WIC families purchase over **$504,114** in healthy foods.

90.3% Of WIC families live below 150% of poverty.

35.8% Of pregnant mothers enroll in WIC during their first trimester.

11,426 Clients are served.

WIC Families redeem **77.9%** of their fresh fruits and vegetables benefits.

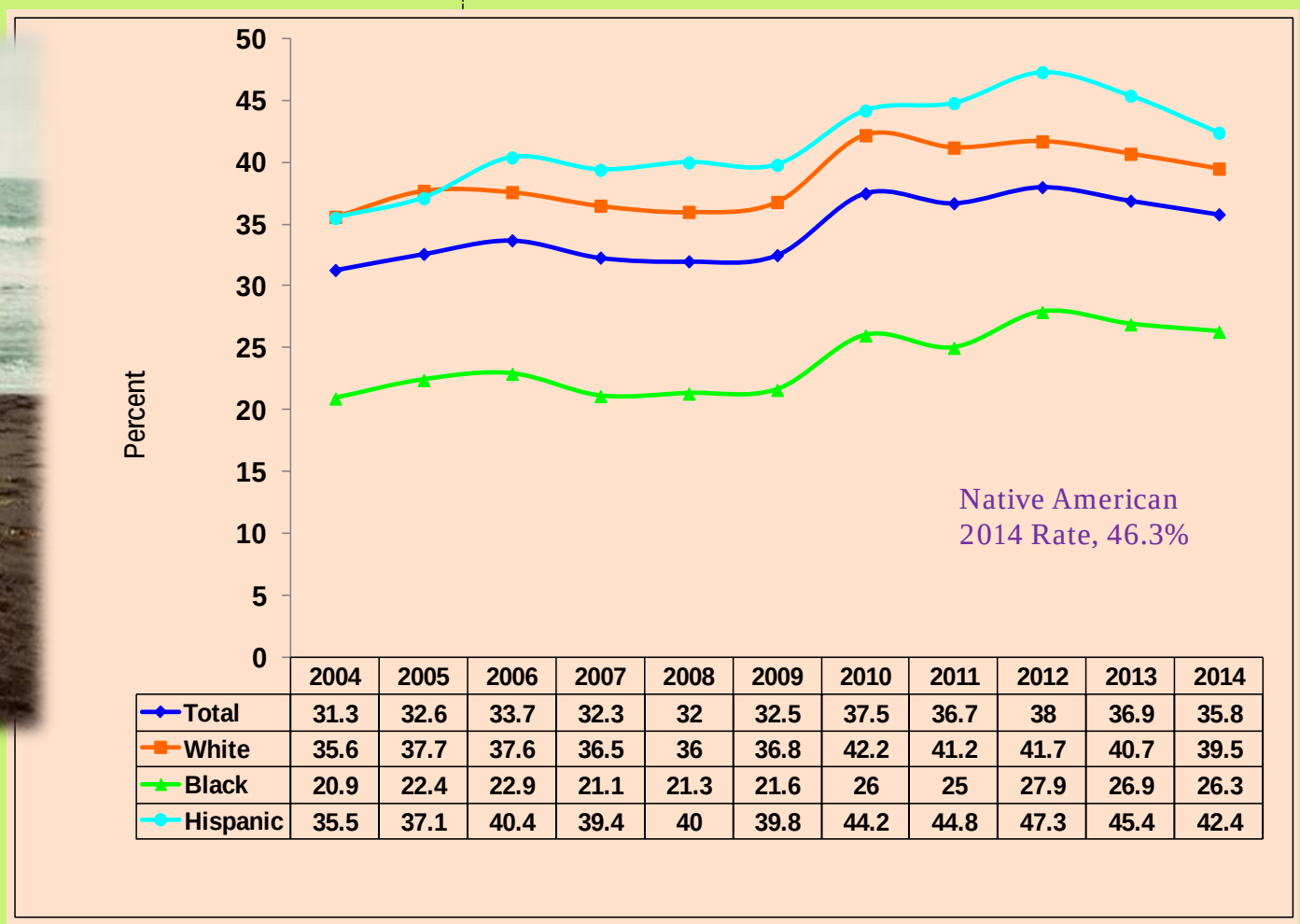
56.2% Of WIC mothers are overweight or obese pre-conception.

16.7% of children are overweight and **14.2%** are obese.

9.1% Of infants are born at a low birth weight.

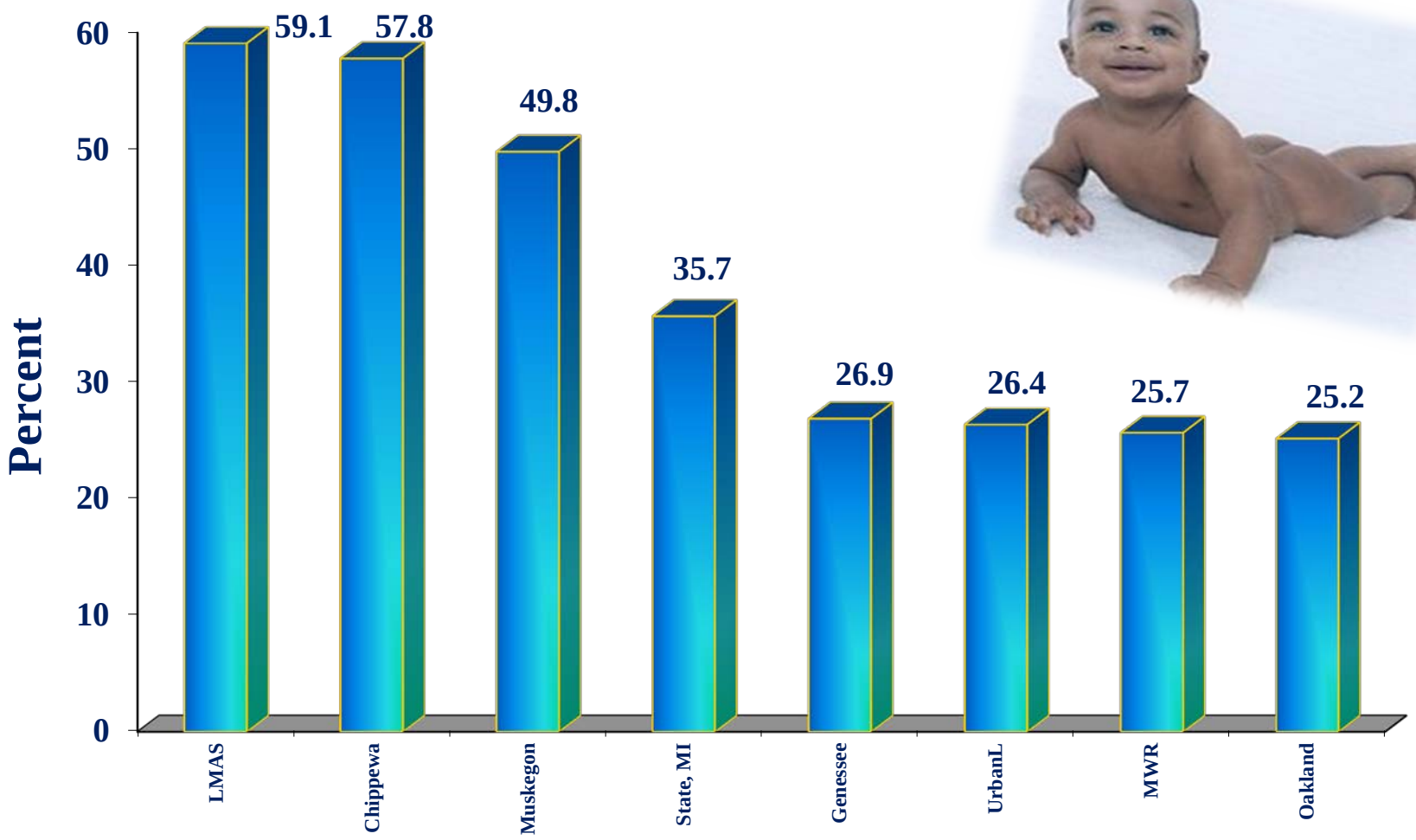
63.6% Of infants are breastfed.

Trends in 1st Trimester Entry into WIC Program by Race/Ethnicity

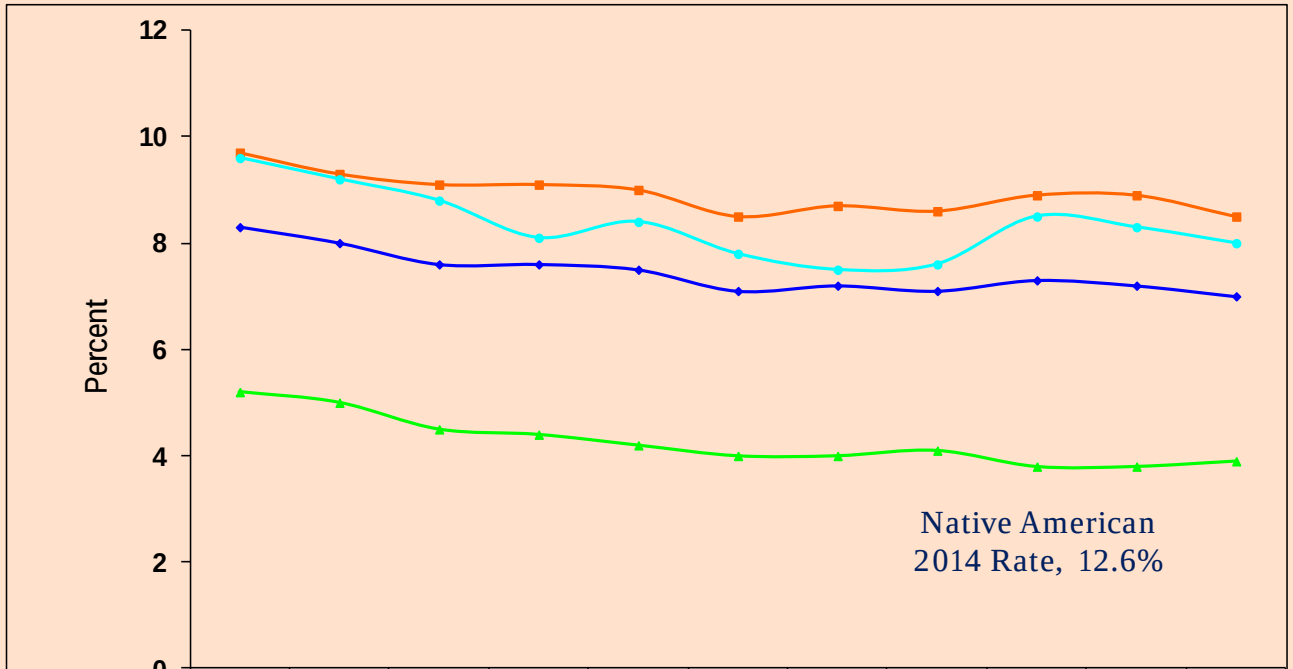


	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	31.3	32.6	33.7	32.3	32	32.5	37.5	36.7	38	36.9	35.8
White	35.6	37.7	37.6	36.5	36	36.8	42.2	41.2	41.7	40.7	39.5
Black	20.9	22.4	22.9	21.1	21.3	21.6	26	25	27.9	26.9	26.3
Hispanic	35.5	37.1	40.4	39.4	40	39.8	44.2	44.8	47.3	45.4	42.4

First Trimester Entry into WIC by Local WIC Agencies



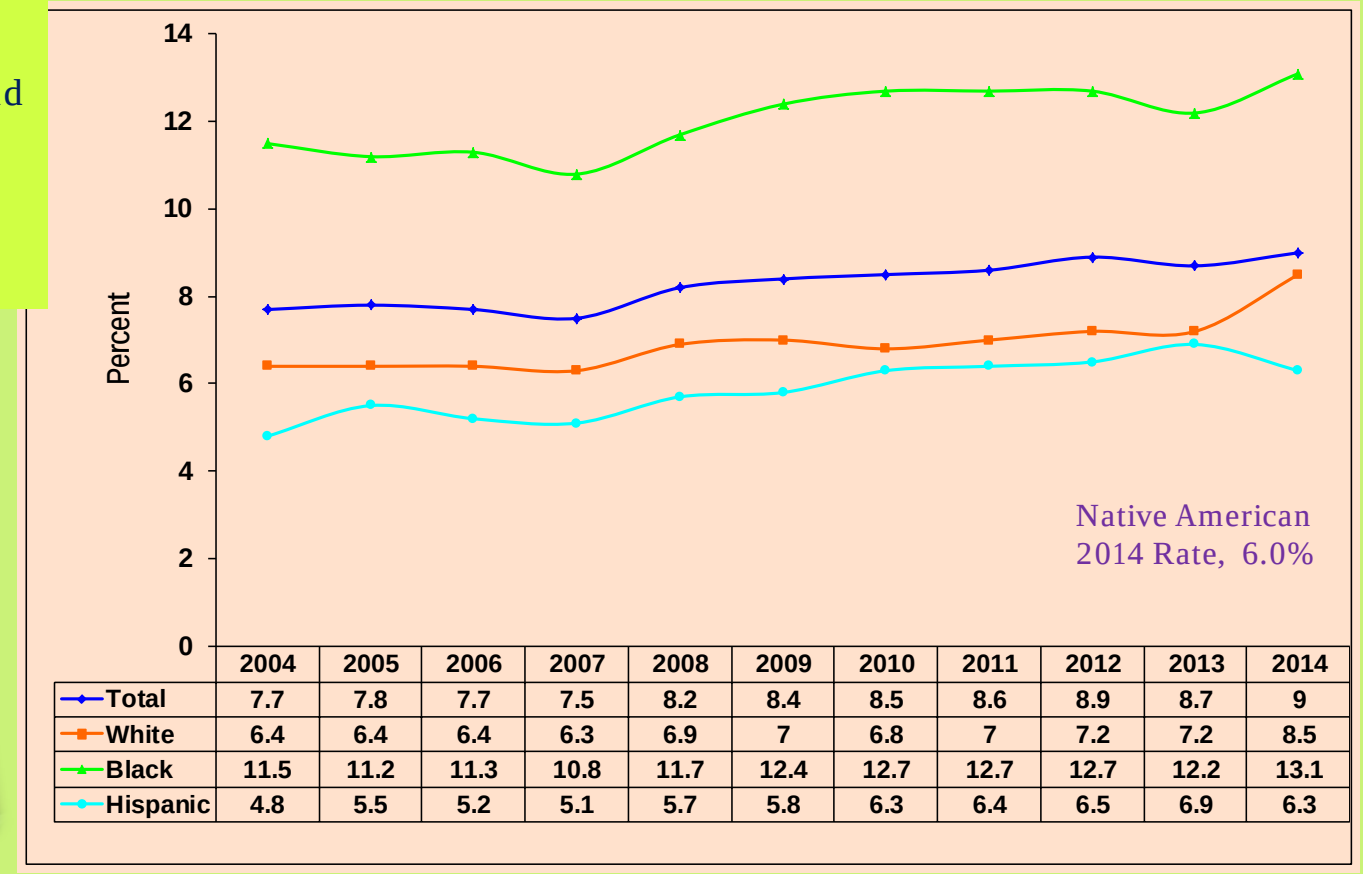
Trends in High Birth Weight by Race/Ethnicity



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	8.3	8	7.6	7.6	7.5	7.1	7.2	7.1	7.3	7.2	7
White	9.7	9.3	9.1	9.1	9	8.5	8.7	8.6	8.9	8.9	8.5
Black	5.2	5	4.5	4.4	4.2	4	4	4.1	3.8	3.8	3.9
Hispanic	9.6	9.2	8.8	8.1	8.4	7.8	7.5	7.6	8.5	8.3	8

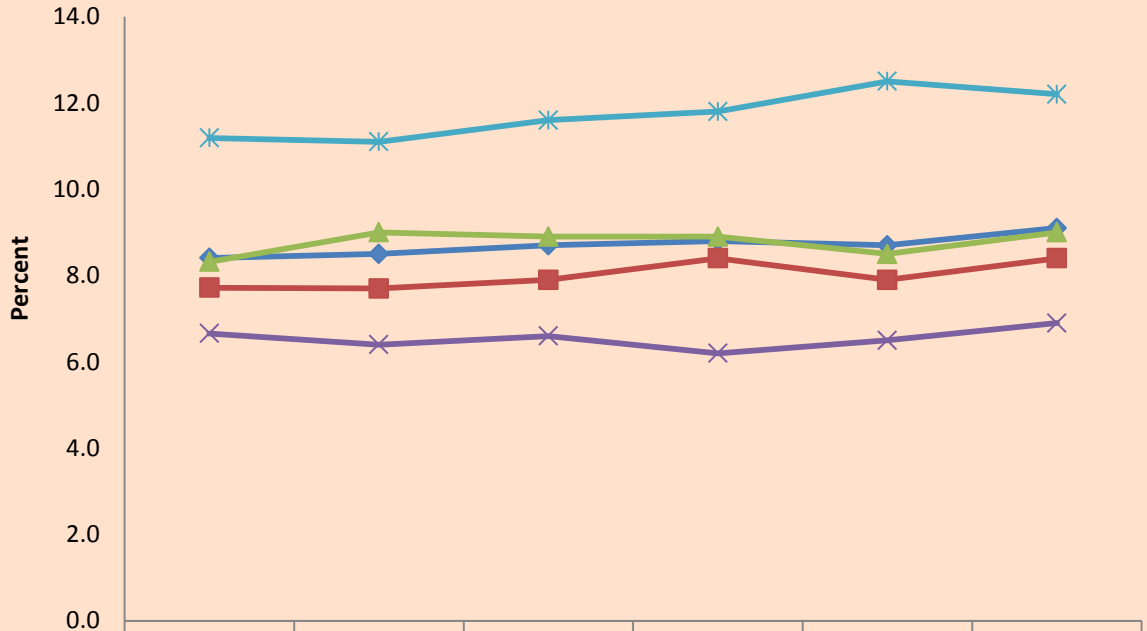
Trends in Low Birth Weight by Race/Ethnicity

In 2012, approximately 15% of babies born worldwide (more than 20 million) had low birthweight (<2500 g). Subsequent complications included impaired immune function, higher risk for infant and childhood morbidity and mortality, and higher risk for diabetes and cardiovascular disease in adulthood.



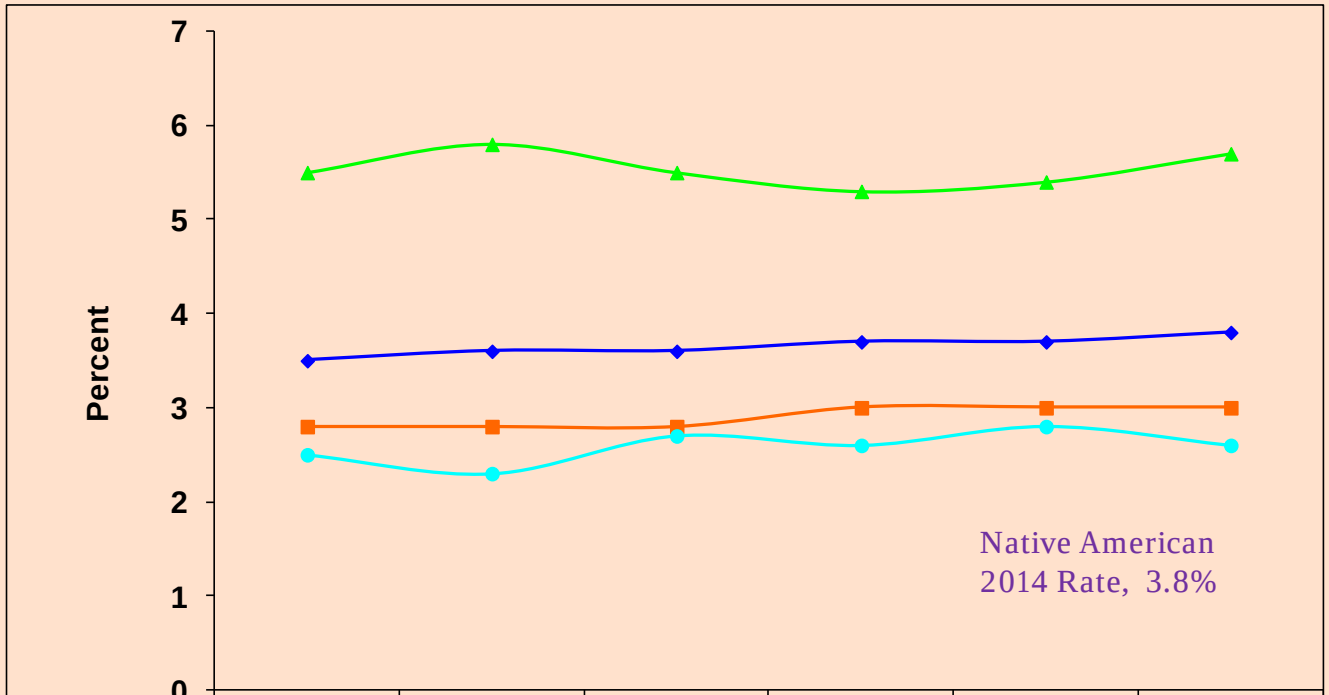
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	7.7	7.8	7.7	7.5	8.2	8.4	8.5	8.6	8.9	8.7	9
White	6.4	6.4	6.4	6.3	6.9	7	6.8	7	7.2	7.2	8.5
Black	11.5	11.2	11.3	10.8	11.7	12.4	12.7	12.7	12.7	12.2	13.1
Hispanic	4.8	5.5	5.2	5.1	5.7	5.8	6.3	6.4	6.5	6.9	6.3

Trends in Low Birth Weight by Trimester Entry



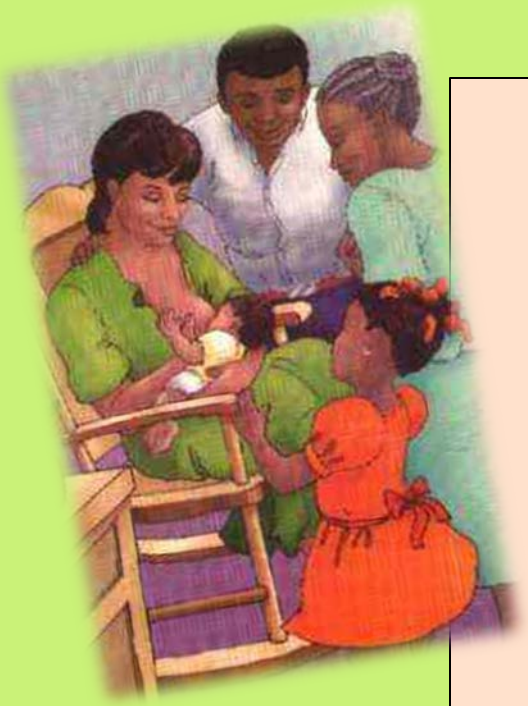
	2009	2010	2011	2012	2013	2014
Total	8.4	8.5	8.7	8.8	8.7	9.1
1st trimester	7.7	7.7	7.9	8.4	7.9	8.4
2nd trimester	8.3	9.0	8.9	8.9	8.5	9.0
3rd trimester	6.7	6.4	6.6	6.2	6.5	6.9
Postpartum	11.2	11.1	11.6	11.8	12.5	12.2

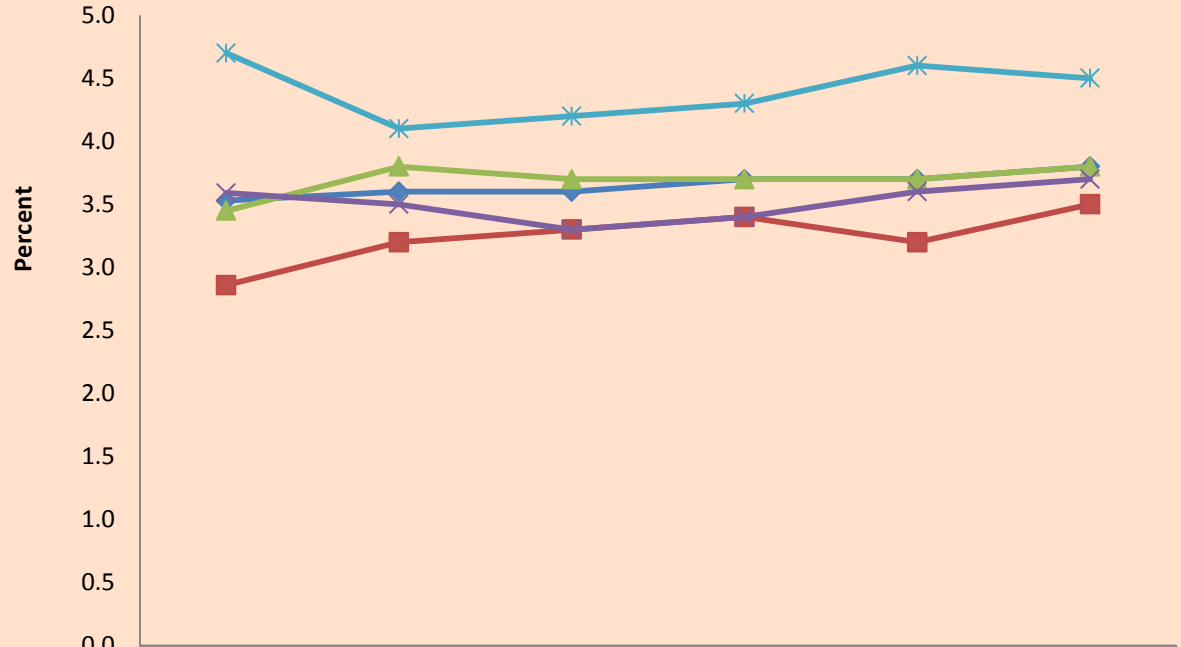
Trends in Full Term Low Birth Weight by Race/Ethnicity



	2009	2010	2011	2012	2013	2014
Total	3.5	3.6	3.6	3.7	3.7	3.8
White	2.8	2.8	2.8	3	3	3
Black	5.5	5.8	5.5	5.3	5.4	5.7
Hispanic	2.5	2.3	2.7	2.6	2.8	2.6

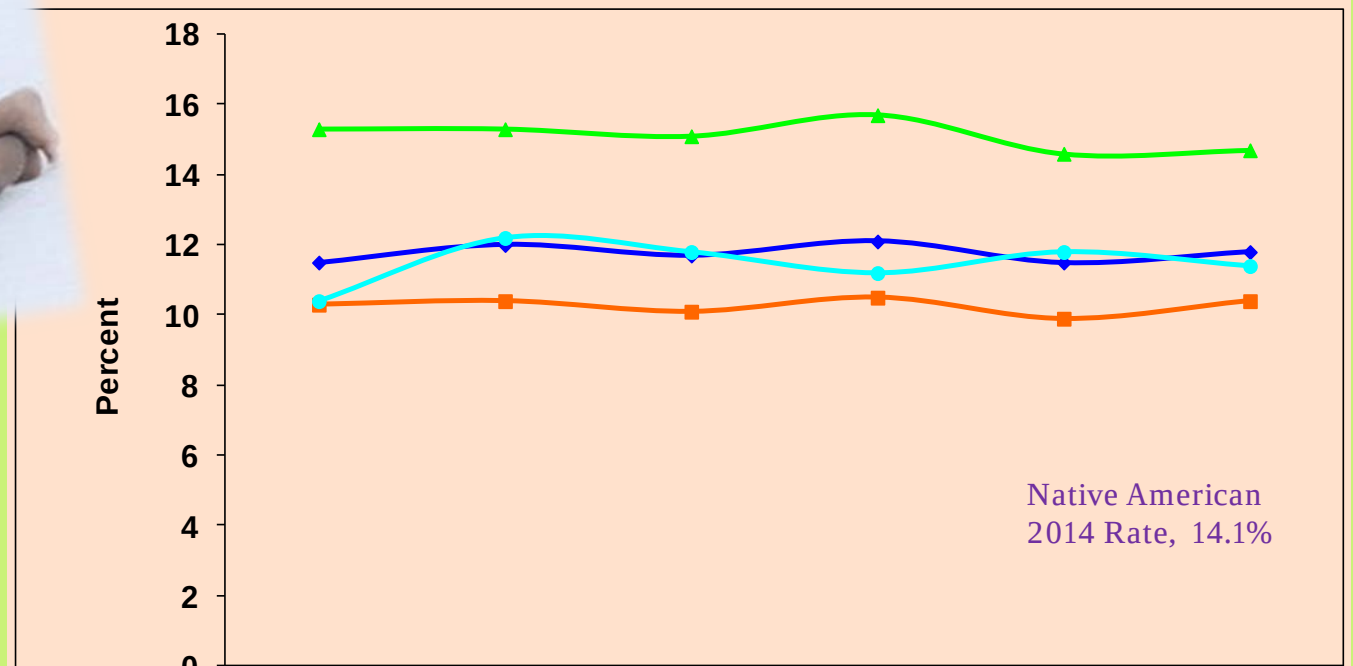
Trends in Full Term Low Birth Weight by Trimester Entry





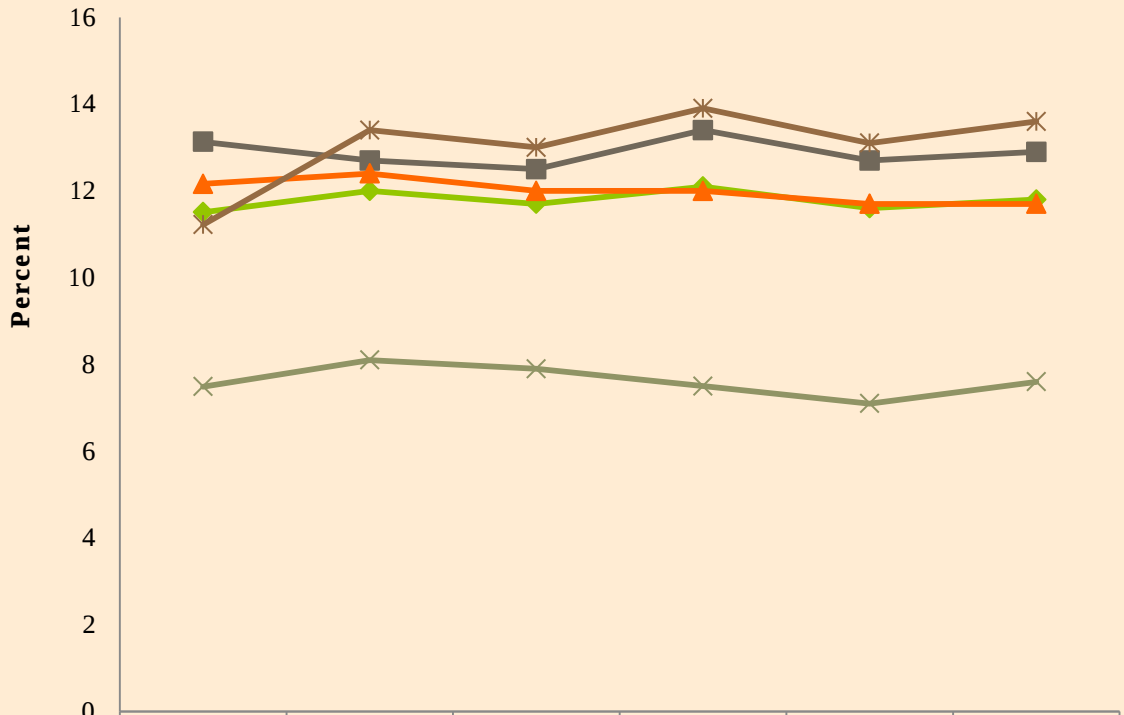
	2009	2010	2011	2012	2013	2014
Total	3.5	3.6	3.6	3.7	3.7	3.8
1st trimester	2.9	3.2	3.3	3.4	3.2	3.5
2nd trimester	3.5	3.8	3.7	3.7	3.7	3.8
3rd trimester	3.6	3.5	3.3	3.4	3.6	3.7
Postpartum	4.7	4.1	4.2	4.3	4.6	4.5

Trends in Premature Birth by Race/Ethnicity



	2009	2010	2011	2012	2013	2014
Total	11.5	12	11.7	12.1	11.5	11.8
White	10.3	10.4	10.1	10.5	9.9	10.4
Black	15.3	15.3	15.1	15.7	14.6	14.7
Hispanic	10.4	12.2	11.8	11.2	11.8	11.4

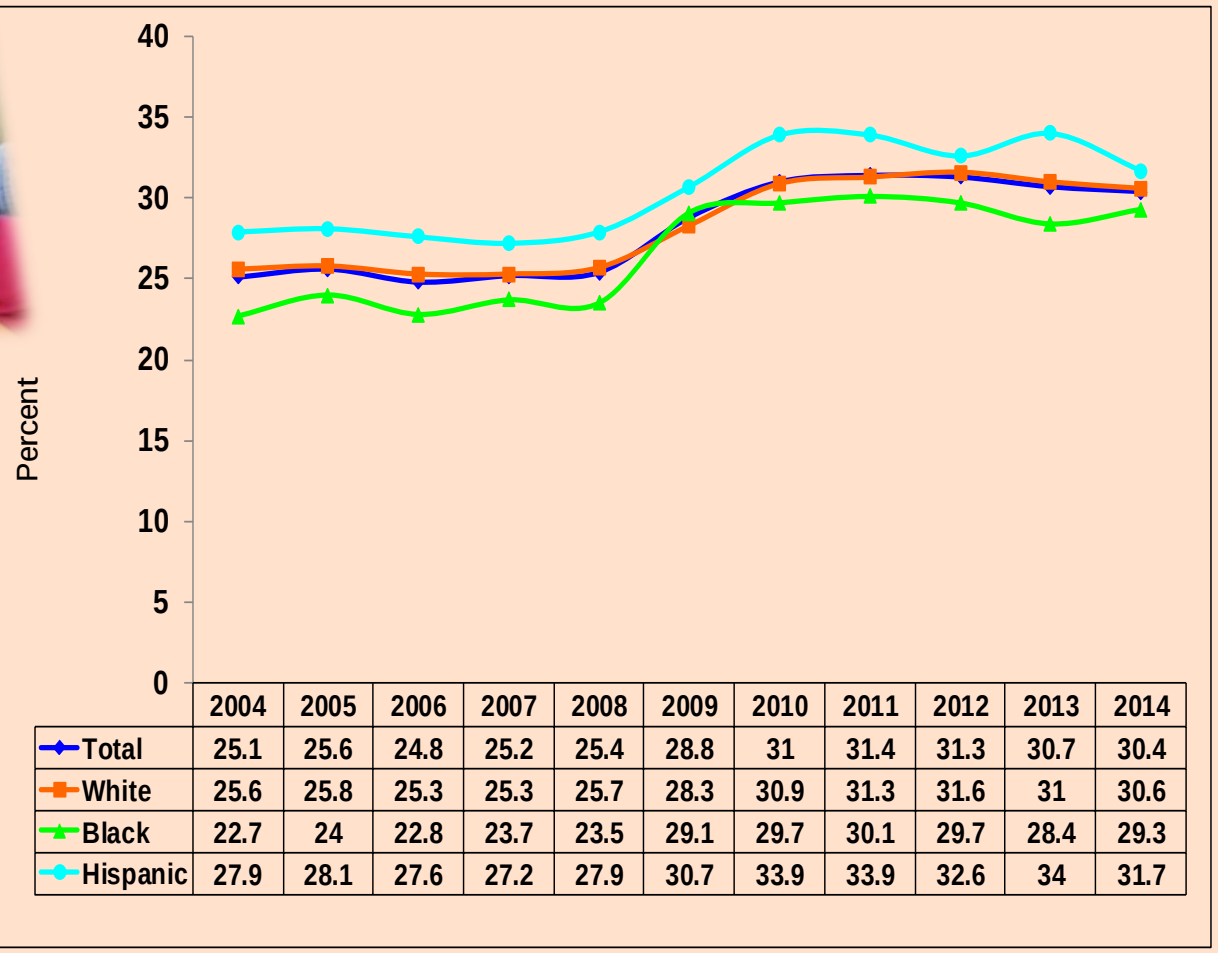
Trends in Preterm Birth by Trimester Entry



	2009	2010	2011	2012	2013	2014
Total	11.5	12.0	11.7	12.1	11.6	11.8
1st trimester	13.1	12.7	12.5	13.4	12.7	12.9
2nd trimester	12.2	12.4	12.0	12.0	11.7	11.7
3rd trimester	7.5	8.1	7.9	7.5	7.1	7.6
Postpartum	11.2	13.4	13.0	13.9	13.1	13.6

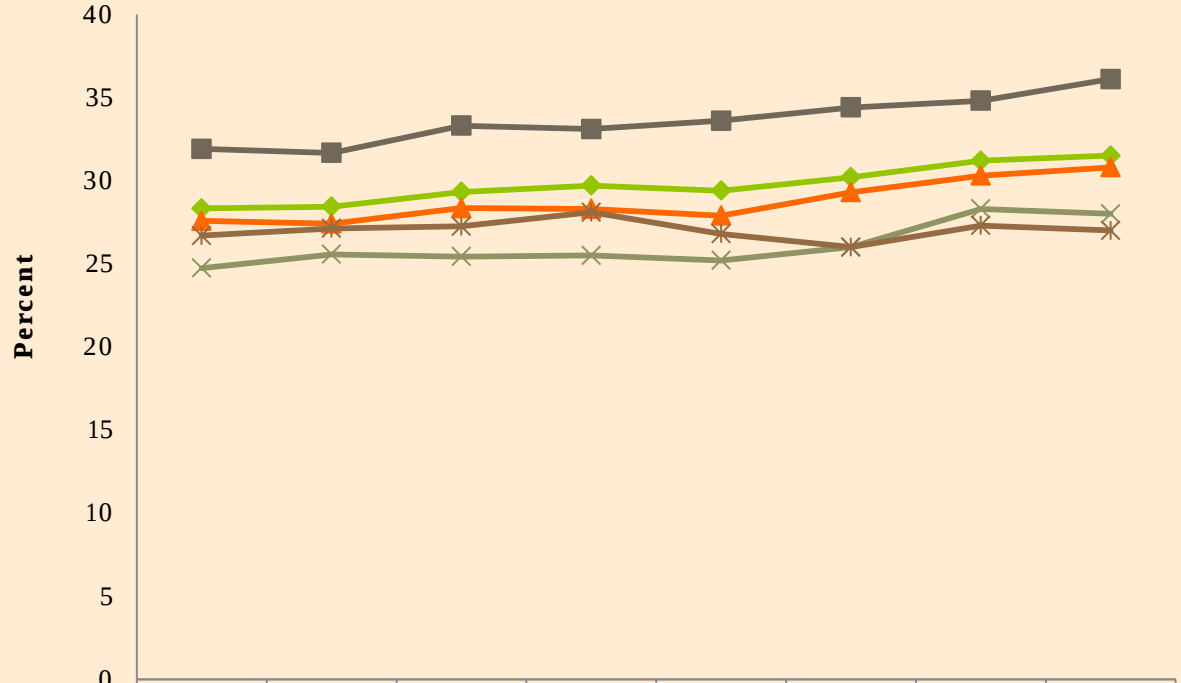
Prevalence of LBW by Local WIC Agencies

Trends in Ideal Prenatal Weight Gain by Race/Ethnicity



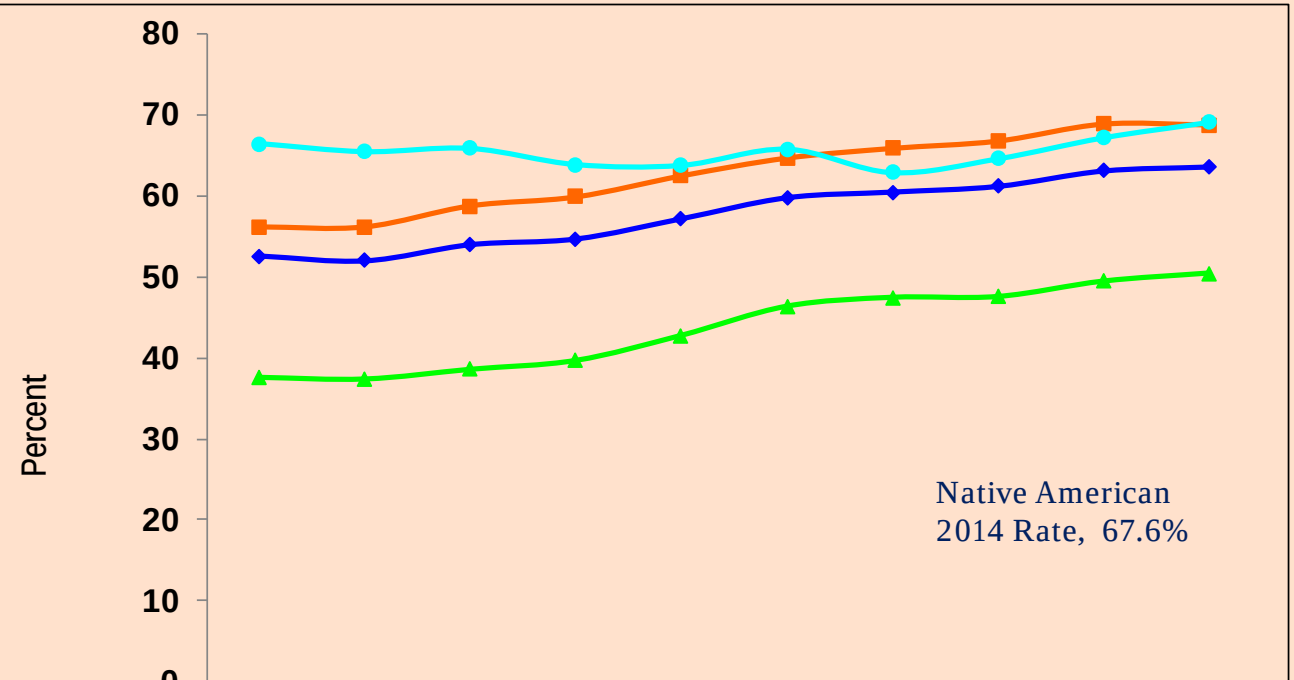
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	25.1	25.6	24.8	25.2	25.4	28.8	31	31.4	31.3	30.7	30.4
White	25.6	25.8	25.3	25.3	25.7	28.3	30.9	31.3	31.6	31	30.6
Black	22.7	24	22.8	23.7	23.5	29.1	29.7	30.1	29.7	28.4	29.3
Hispanic	27.9	28.1	27.6	27.2	27.9	30.7	33.9	33.9	32.6	34	31.7

Prepregnancy Obesity by Trimester Entry



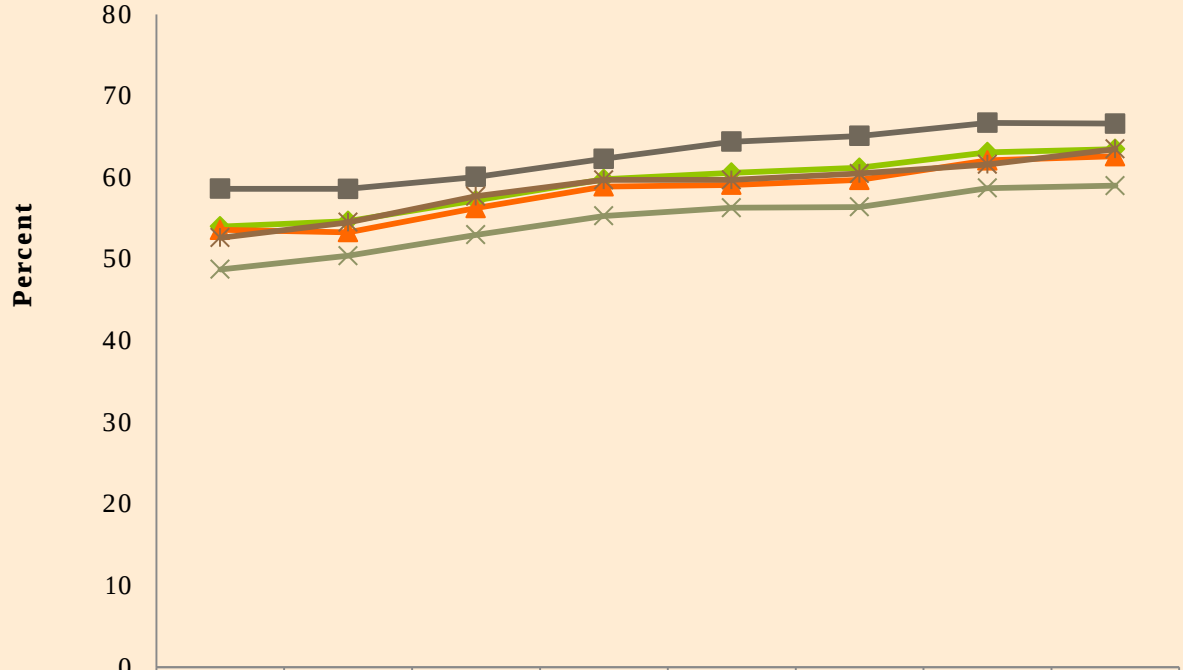
	2007	2008	2009	2010	2011	2012	2013	2014
Total	28.3	28.4	29.3	29.7	29.4	30.2	31.2	31.5
1st trimester	31.9	31.7	33.3	33.1	33.6	34.4	34.8	36.1
2nd trimester	27.6	27.4	28.4	28.3	27.9	29.3	30.3	30.8
3rd trimester	24.7	25.6	25.4	25.5	25.2	26.0	28.3	28.0
Postpartum	26.7	27.1	27.3	28.1	26.8	26.0	27.3	27.0

Trends in Breastfeeding Initiation by Race/Ethnicity



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	52.6	52	54	54.7	57.2	59.8	60.5	61.2	63.1	63.6
White	56.2	56.2	58.8	59.9	62.5	64.7	65.9	66.8	68.9	68.8
Black	37.6	37.4	38.6	39.7	42.8	46.4	47.5	47.6	49.5	50.5
Hispanic	66.5	65.5	65.9	63.9	63.8	65.8	62.9	64.6	67.2	69.1

Trends in Breastfeeding Initiation by Trimester Entry



	2007	2008	2009	2010	2011	2012	2013	2014
Total	54.0	54.7	57.2	59.8	60.6	61.2	63.1	63.5
1st trimester	58.6	58.6	60.1	62.3	64.4	65.1	66.7	66.6
2nd trimester	53.6	53.3	56.3	58.9	59.1	59.7	62.1	62.6
3rd trimester	48.8	50.4	53.0	55.3	56.3	56.4	58.7	59
Postpartum	52.6	54.5	57.7	59.7	59.7	60.5	61.6	63.5

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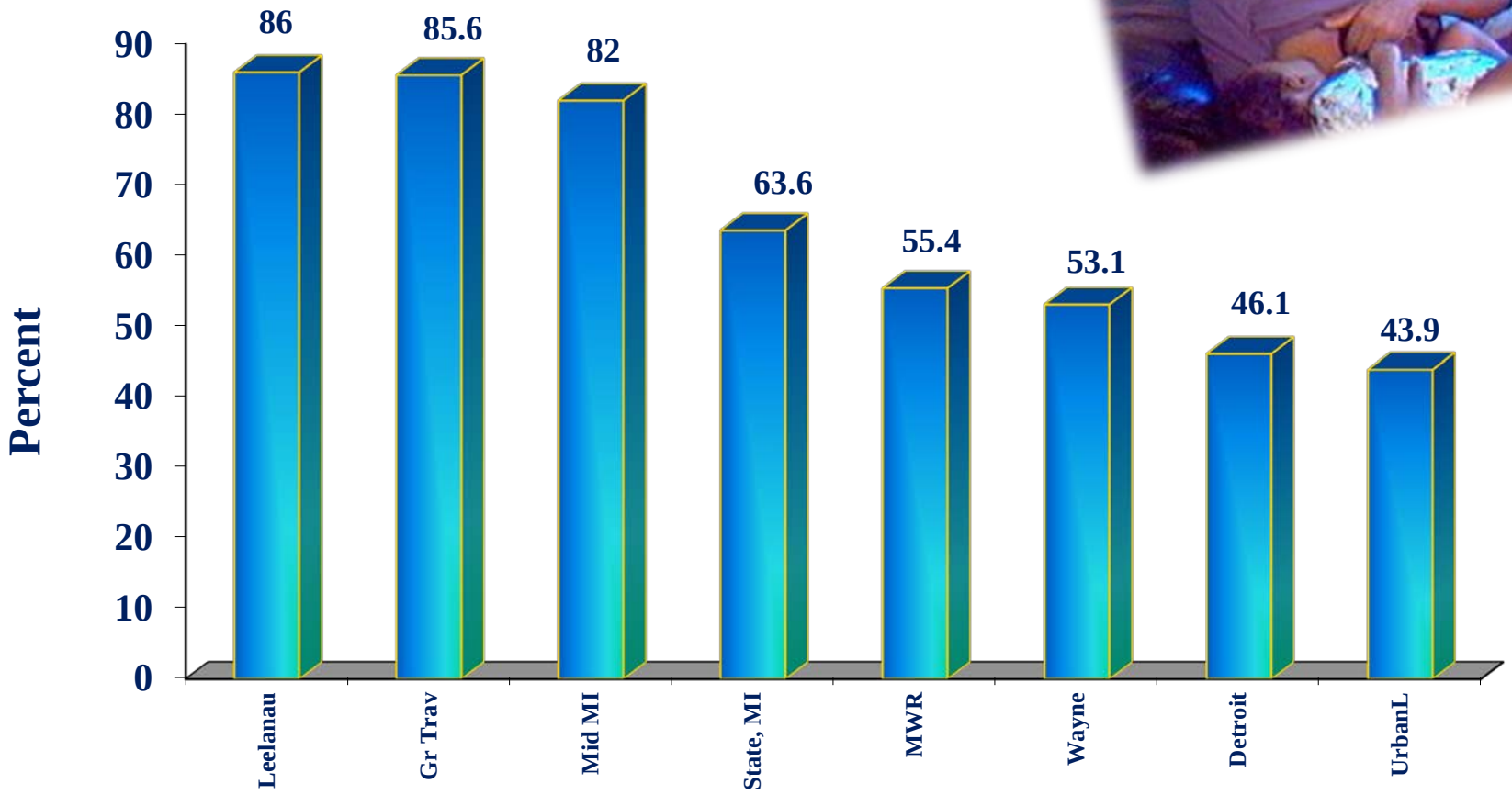
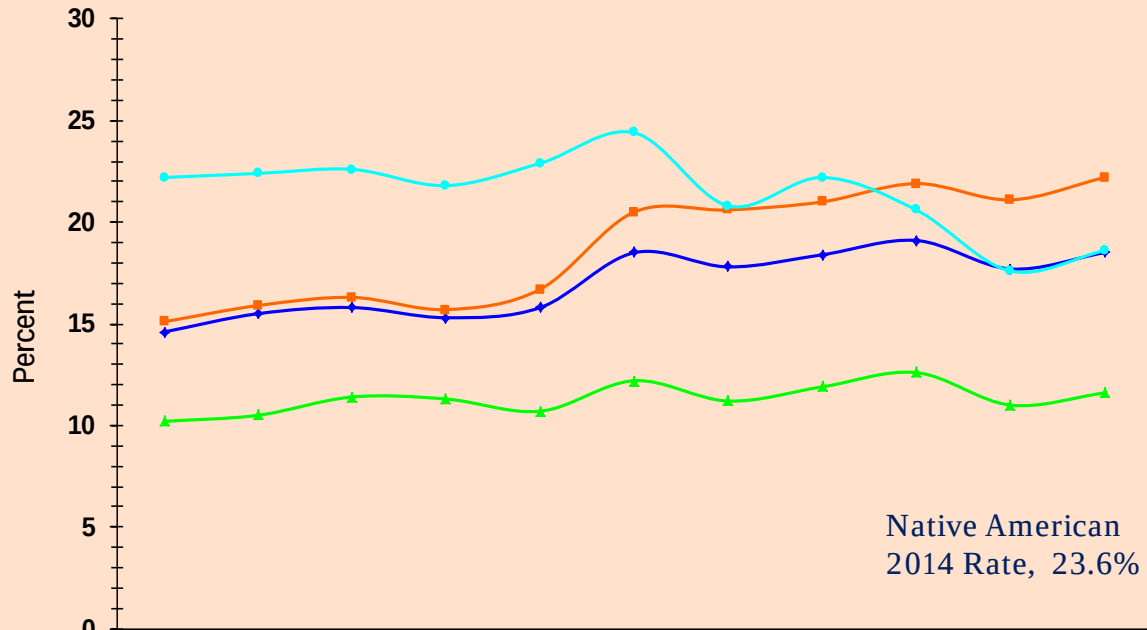
Breastfeeding Initiation by Local WIC Agencies

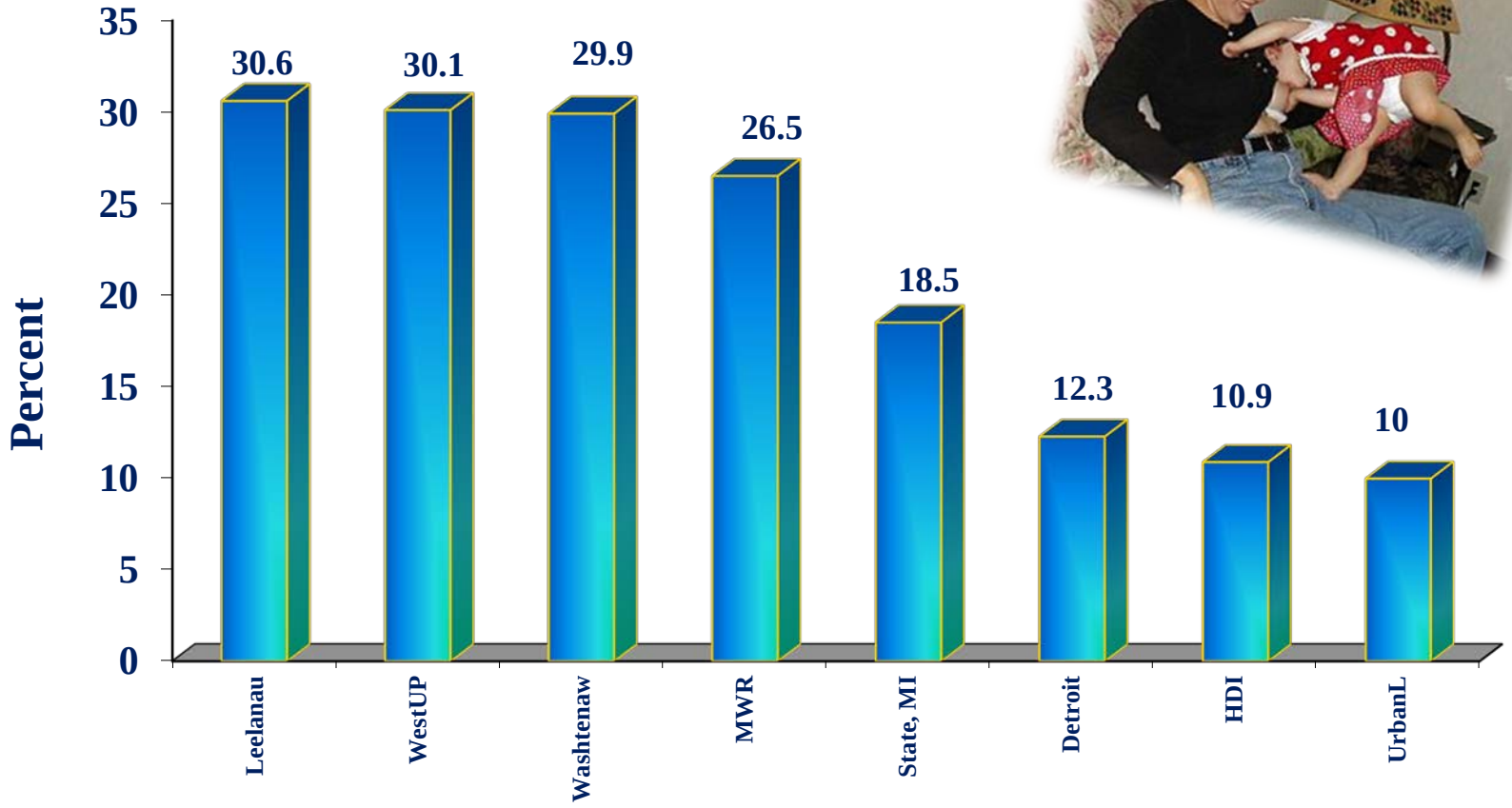


Infants Breastfed for at Least 6 Months by Race/Ethnicity

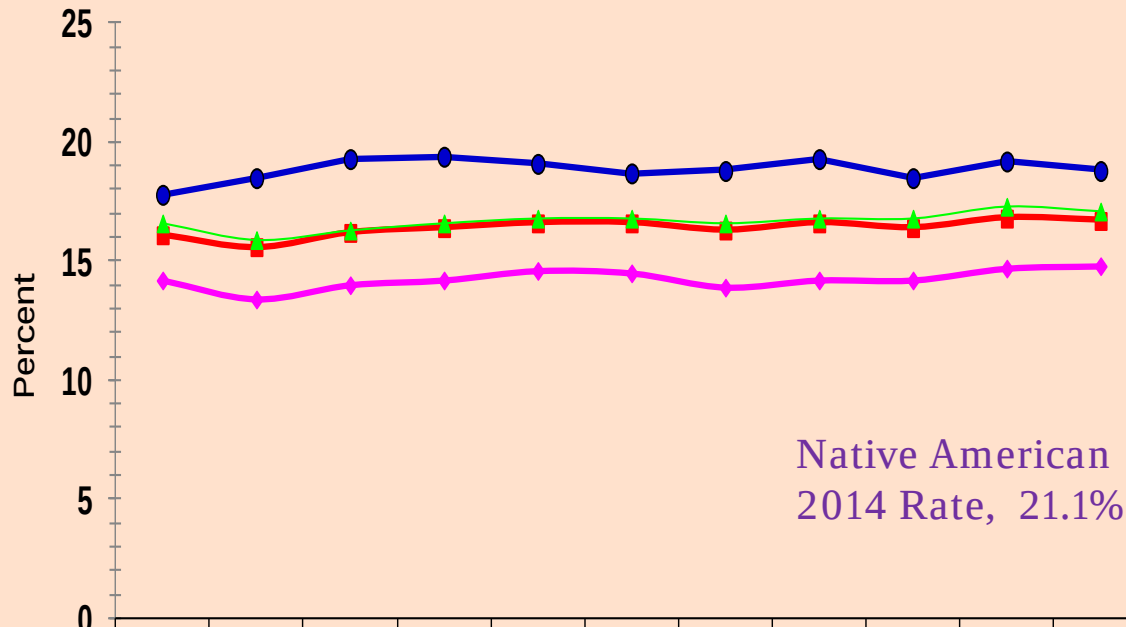


	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	14.6	15.5	15.8	15.3	15.8	18.5	17.8	18.4	19.1	17.7	18.5
White	15.1	15.9	16.3	15.7	16.7	20.5	20.6	21	21.9	21.1	22.2
Black	10.2	10.5	11.4	11.3	10.7	12.2	11.2	11.9	12.6	11	11.6
Hispanic	22.2	22.4	22.6	21.8	22.9	24.4	20.8	22.2	20.6	17.6	18.6

Six Months Breastfeeding Duration by Local WIC Agencies



Trends in Overweight (85th-<95th) by Race/Ethnicity among Michigan WIC Children Two to Five Years Old



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	16.1	15.6	16.2	16.4	16.6	16.6	16.3	16.6	16.4	16.8	16.7
White	16.6	15.9	16.3	16.6	16.8	16.8	16.6	16.8	16.8	17.3	17.1
Black	14.2	13.4	14	14.2	14.6	14.5	13.9	14.2	14.2	14.7	14.8
Hispanic	17.8	18.5	19.3	19.4	19.1	18.7	18.8	19.3	18.5	19.2	18.8

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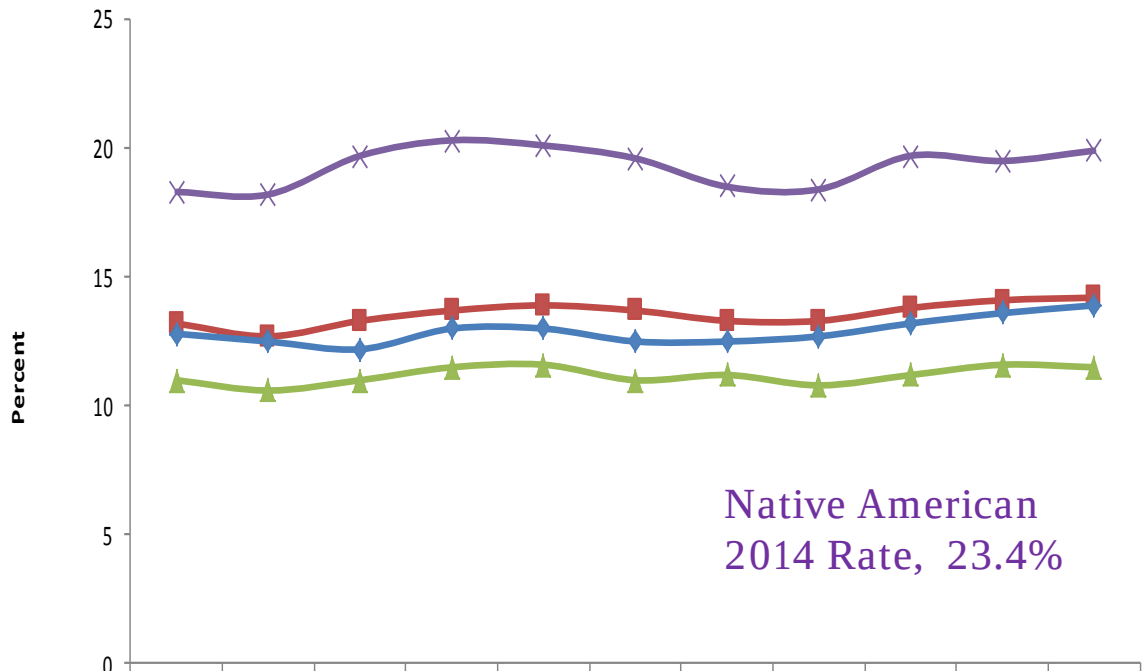
Trends in Obesity (=>95th) by Race/Ethnicity among Michigan WIC Children Two to Five Years Old



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total	13.2	12.7	13.3	13.7	13.9	13.7	13.3	13.3	13.8	14.1	14.2
White	12.8	12.5	12.2	13	13	12.5	12.5	12.7	13.2	13.6	13.9
Black	11	10.6	11	11.5	11.6	11	11.2	10.8	11.2	11.6	11.5
Hispanic	18.3	18.2	19.7	20.3	20.1	19.6	18.5	18.4	19.7	19.5	19.9

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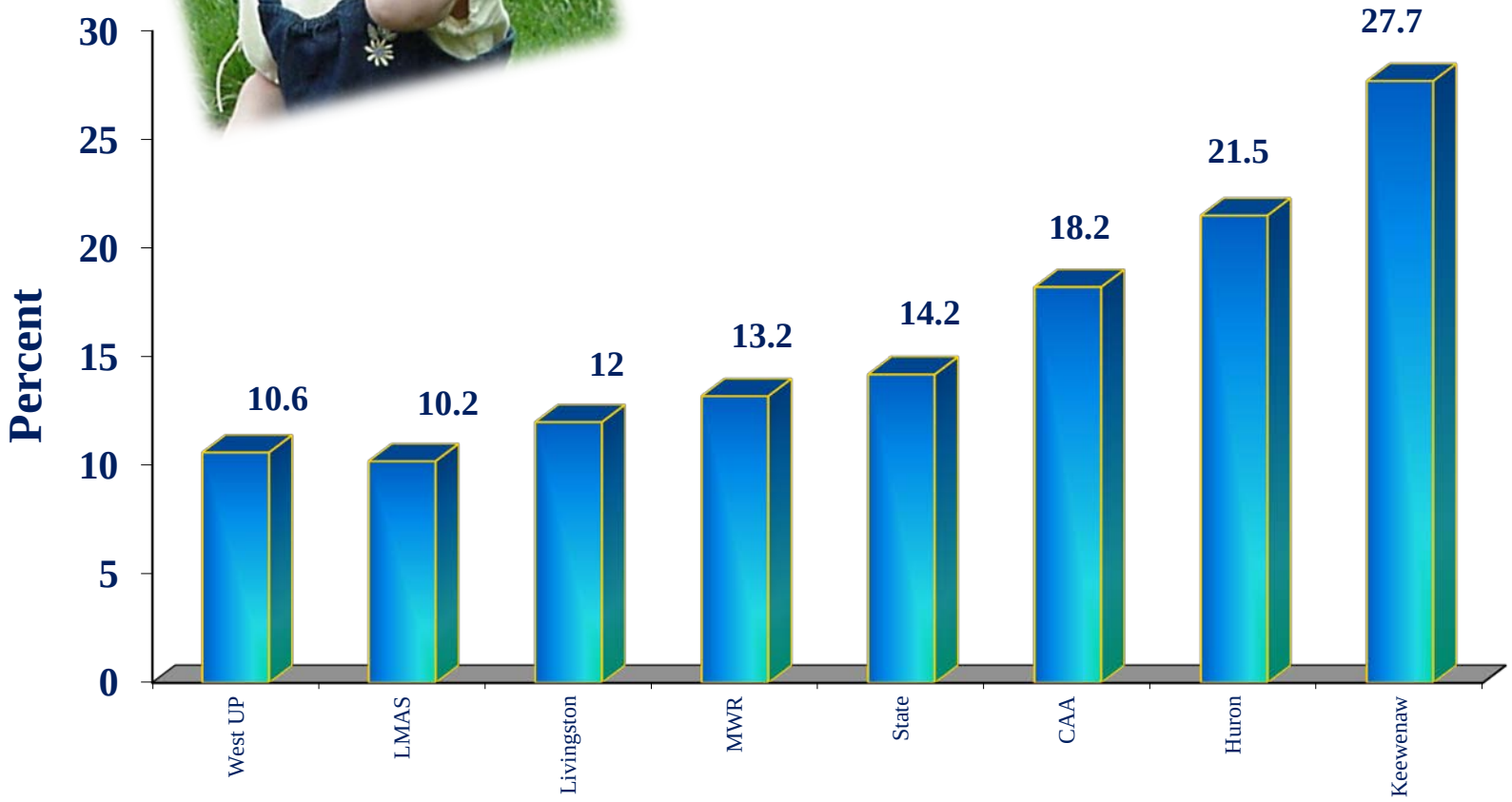
Early Childhood Obesity by Local WIC Agencies



BMI Percentile & Breastfeeding Rates among Michigan WIC Children Two to Five Years Old

BMI Percentile	Initiation	Duration				
		1 Week	6 Weeks	3 Months	6 Months	11+ Months
<85%	63.1	35.0	24.9	19.5	11.7	5.3
>=85 % - <95%)	61.3	33.6	23.5	18.3	10.7	4.7
>=95%	58.4	33.4	21.9	16.2	9.0	3.7

PedNSS 2014

Native American Health Indicators

Health Indicator	State	White	Black	Hispanic	American Indian/ Alaskan Native	
	%	%	%	%	%	N
First Trimester Entry Into WIC	**35.8**	**39.5**	**26.3**	**42.4**	46.3	227
Ideal Prenatal Weight Gain	**30.4**	**30.6**	**29.3**	**31.7**	22.1	140
> Ideal Prenatal Weight Gain	52.3	53.8	52.3	46.3	54.3	140
Low Birth Weight	9	7.4	13.1	6.3	6	182
High Birth Weight	7	8.5	3.9	8	12.6	182
Full Term Low Birth Weight	3.8	3	5.7	2.6	3	170
Premature Birth	11.8	10.4	14.7	11.4	14.1	192
Breastfeeding Initiation	63.1	68.9	49.5	67.2	67.6	193
Breastfed at least 6 months	17.1	21.1	11	17.6	23.6	123
Overweight (85th - <95th %) ≥2yrs	16.7	17.1	14.8	18.8	21.1	350
Obesity (≥95th%) ≥2yrs	14.2	13.9	11.5	19.9	23.4	350
Low Hemoglobin(< 5 Yrs)	19	14	30.1	16.4	20.6	466

PNSS and PedNSS 2014

Data Quality

Checking data validity and identifying questionable data items:

- Completeness:
  - No missing data
- Accuracy:
  - Correctly reflects what it is describing
- Consistency:
  - Agreement between data items

- Below & Above Acceptable Range
- Biologically Implausible Values (BIVs)
- Unknown values, Missing data
- Cross-Check Errors, Data inconsistencies

“Known” Data Quality Issues

Missing Data for PNSS for Q2 2014		
Total No. of records 17,182		
Error Description	Record Count	% Missing
MULTIVITAMIN_PRIOR_TO_PREG	1,366	7.95
PREPREG_WEIGHT	2,553	14.86
CURRENTLY_BREASTFED	969	5.64
HOUSEHOLD_SMOKING_POSTPARTUM	1,203	7.00
CIGARETTES_PRIOR_TO_PREG	1,431	8.33
DRINKS_PRIOR_TO_PREG	1,476	8.59
HOUSEHOLD_SMOKING_PRENATAL	3,339	19.43

Discussion

- Expanding the Pilot to other States
- Transition to USDA
- How the data is used in program management
- Improvements to current system