

## CT WIC Data Reports

- Administration
  - → Marge
- Vendor Management
  - → Kim
- Participation

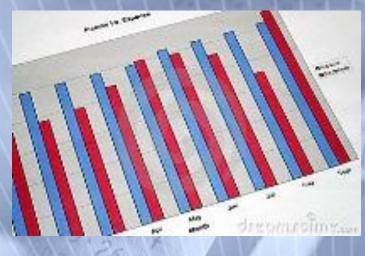


- Outcome Reports
- · And, new this year . . .





Today's focus . . .

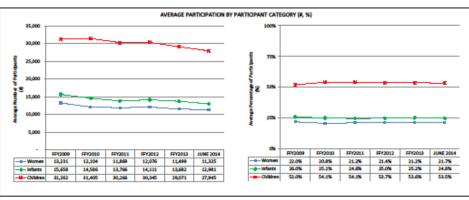


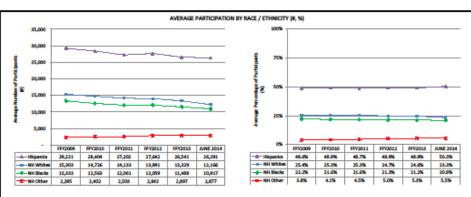
- \* Participation
- **★Check Issuance & Redemption**
- **★Outcome Reports**

## State of Connecticut WIC Program, Department of Public Health Average Annual Participation by Participant Category & Race/Ethnicity Analysis of Change in Participation Rates

	Average Account	FFY2009		FFY2010		FFY2011		FPY2012		FFY2013		JUNE 2014		Change	
	Participation	Average	%	Average	*	Average	%	Average	×	Average	%	Average	%		%
	(excluding Unknowns)	60,152	100.0%	58,095	300.0%	55,899	100.0%	56,534	100.0%	54,255	100.0%	52,251	100.0%	-7,901	-13.19
	By Participant Category														
8	Women	13,231	22.0%	12,104	20.8%	11,869	21.2%	12,076	21.4%	11,499	21.2%	11,325	21.7%	-1,906	-14.45
2	Infants	15,658	26.0%	14,586	25.1%	13,766	24.6%	14,111	25.0%	13,682	25.2%	12,981	24.8%	-2,677	-17.19
E	Children	31,262	52.0%	31,405	54.1%	30,266	54.1%	30,345	53.7%	29,071	53.6%	27,945	53.5%	-3,317	-10.6%
<u></u>	By Race/Ethnicity														
	Hispanics	29,221	40.6%	28,404	48.9%	27,202	48.7%	27,642	41.9%	26,541	48.9%	26,291	50.3%	-2,930	-10.0%
	NH Whites	15,303	25.4%	14,726	25.3%	14,133	25.3%	13,991	24.7%	13,329	24.6%	12,166	23.3%	-3,137	-20.5%
	NH Blacks	13,333	22.2%	12,563	21.6%	12,061	21.6%	12,059	21.3%	11,488	21.2%	10,917	20.9%	-2,416	-18.19
	NH Other	2,295	3.0%	2,402	4.1%	2,503	4.5%	2,842	5.0%	2,897	5.3%	2,877	5.5%	582	25.49

<sup>\*</sup> Notes: Totals may not tie out to zero due to rounding. Unknowns are excluded from the analysis.





FFY2009 - 2014: 60,152 **↓ 52,561** 

Data source: SWIS (Statewide WIC Information System), | > 12.5%

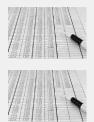


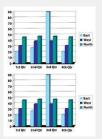
## **Monthly Participation Reports**

- by Local Agency / Permanent Sites:
  - Initial, Interim & Closeout figures



- Participant Category
- by Race / Ethnicity & Participant Category:
  - Detailed categories (statewide)
  - Summary categories (by LA)





## Participation Reports, cont...

by Town of Residence & Category



by LA / Clinic Site & Category



- also used to calculate Caseload

 by Permanent Site & Primary Language



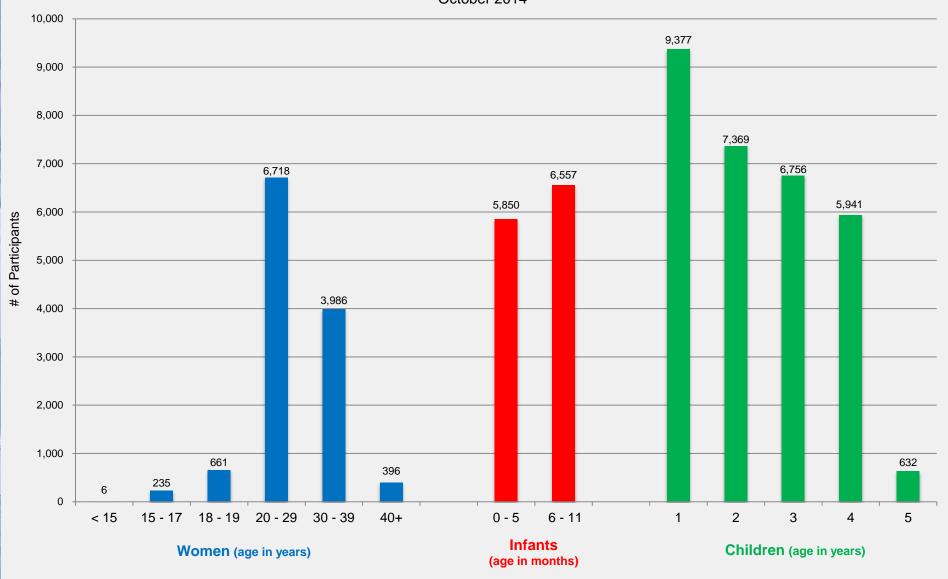
- by Permanent Site & Age Group
  - Sample graph

Aperial Applemental Detection Fragress for Somes, Industr., and Children (Sid) manufacut SII Program Participation by Age Comp. & Promonent SII Site (SHA)											n/m/cg				
						981 655	195			207 1922					
PCT 30	HERET WHE	8-8	8-33	10-40	14-51	-	10-51	***	433	10-13	39-05	10-11	30-00	1-48	****
	TYCO MINECE	174	334	347	114	_86	176				- 8	311	300	- 10	3,785
	THE RES LINEAR	187	***	-	***	100	***	**		- 1		181	-	- 10	3,780
	OFFICER SEALING COM-	***	***	-	***	-	***	17		**		***	-	- 16	1,400
	ANTONIO COM. CONTR.	861	200	-	***	365				18	-	187	-		3,00
	DAT ESBRES MORTING	194	334	174	- 11	-	**			-	- 34	199	-		-
	KIROME RET	111	101	179	111	30%	94	-		-,	- 14	147	-		3.48
	NO MARK	161	186	294	171	- 110	104	17		٠,	- 10	124	104	12	3.40
	KISA MINER OPTER	134	367	180	181	30	143	33	,		34	124	- 10	- 10	3.45
	ET BATROON, WITH PRODUCE	201	241	- 100		- 84	180	-11		- 1	- 10		100	- 10	3,46
	THE PER SHARE BUSINESS	***	261	-	***	-	147	18		- 11	-	164	-	- 10	5.70
	BATTON OVERST CROSS	861	360	-	***	-	440	18		**	-	111	176	26	0.70
	MATERIAL SECTIONS	201	419	-	411	349	100	**	- 1	17		100	390	- 11	2,76
	ESSENSE RET	101	398	***	491	-	141	34	-	- 11	- 54	184		. 14	3,17
	NUMBER ORDER DESIGNATION	361	189	- 194	111	387	170	18		- 1	-	189	140	14	3.59
	NATIONAL PROPERTY.	679	111	-	111	-	100	34		19	-	121	367		3.76
	MORRISON VALLEY MINORS	100	201	107	367	- 100	131			- 1		79	74		- 16

## STATE OF CONNECTICUT WIC PROGRAM CT DEPARTMENT OF PUBLIC HEALTH

Monthly WIC Participation by Age Group

Connecticut WIC Program ~ Statewide Totals October 2014



## Check Issuance & Redemption

- by Local Agency & by Permanent Site
- by Participant Category & Age Group
- by Race / Ethnicity
- by Town of Residence & Category
- by Town of Redemption

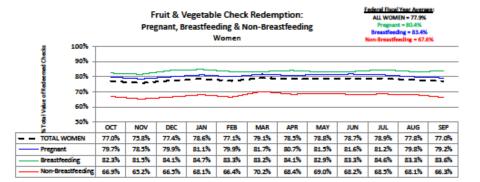


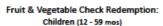
Cash Value Vouchers (Fruits & Vegetables)

## STATE OF CONNECTICUT WIC PROGRAM FRUIT AND VEGETABLE CHECK ISSUANCE AND REDEMPTION FEDERAL FISCAL YEAR 2014 \* \*\*

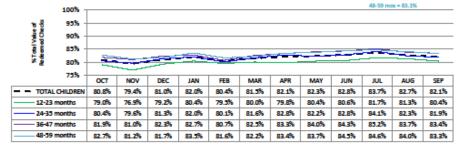
PARTICIPANT	# of Fru	US\$ Value of Checks						
CATEGORY	# Checks Issued	# Checks Redeemed	% Checks Redeemed	U	US\$ Value Issued		US\$ Value Redeemed	% Value Redeemed
STATEWIDE AVERAGE FFY2014	38,133	31,377	82.3%	\$	214,563	\$	170,147.34	79.3%
ALL WOMEN	22,328	18,128	81.2%	\$	111,647	\$	86,963.02	77.9%
- Pregnant	11,207	9,389	83.8%	\$	56,035	\$	45,049.08	80.4%
- Breastfeeding (BF)	5,451	4,700	86.2%	\$	27,262	\$	22,741.05	83.4%
- Non-BF	5,670	4,038	71.2%	\$	28,350	\$	19,172.90	67.6%
ALL CHILDREN	15,805	13,249	83.8%	\$	102,917	\$	83,184.32	80.8%
- 12-23 months	8,824	7,340	83.2%	\$	57,538	\$	46,048.15	80.0%
- 24-35 months	6,981	5,909	84.6%	\$	45,379	\$	37,136.16	81.8%
- 36-47 months	6,431	5,505	85.6%	\$	41,882	\$	34,767.75	83.0%
- 48-59 months	6,119	5,233	85.5%	\$	39,671	\$	32,968.84	83.1%

Note: Women receive two \$5 checks/month; children receive one \$6 check/month.





ALL CHILDREN = 80.8% 12-23 mos = 80.0% 24-59 mos = 81.8% 36-47 mas = 83.0%



\* The Federal Fiscal Year (FFY) runs from Oct 1 to Sept 30 of the following year. \*\* Data Source: Statewide WIC Information System (SWIS),

**All Women** 79.3%

- Pregnant 80.4%
- Bfeeding 83.4%
- Ppartum 67.6%

All Children 80.8%

- 12-23 mos 80.0%
- 24-35 mos 81.8%
- 36-47 mos 83.0%
- 48-59 mos 83.1%

## WIC OUTCOMES



1st Trimester Enrollment

- dr.com/Alleis
- Maternal Weight Gain (MWG)





- Breastfeeding Initiation & Duration
- Childhood Anemia



Childhood Overweight & Obesity

## ENROLLMEN EB 2015) **FRIMESTE**

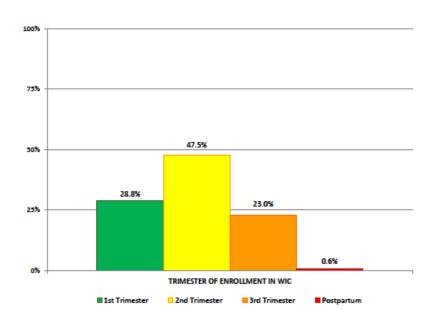
STATE OF CONNECTICUT WIC PROGRAM DEPARTMENT OF PUBLIC HEALTH Federal Fiscal Year 2014

TRIMESTER OF ENROLLMENT IN WIC among Currently Postpartum Participants (excluding Unknowns) \*. b. c. d. e. f. s

> STATEWIDE TOTALS FEBRUARY 2015 (run date 03/05/15)

Connecticut WIC Target: 1st Trimester Enrollment in WIC ≥ 50%





ENROLLMENT IN WIC		%
First Trimester	1,382	28.8%
Second Trimester	2,281	47.5%
Third Trimester	1,105	23.0%
Postpartum	30	0.6%
Total Postpartum Women:	4,798	100.0%





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TRIMESTER OF ENTRY INTO WIC STATEWIDE TOTALS FEBRUARY 2015

\* The Federal Fiscal Year (FFY) runs from Oct 1 to Sept 30.

<sup>b</sup>Trimester of Pregnancy is defined as: 1st Trimester: 0 to 13 weeks' gestation; 2nd Trimester: 14 to 26 weeks' gestation; 3rd Trimester: 27 to 42 weeks' gestation.

## Determination of Prenatal Enrollment:

The number of weeks a woman is enrolled in WIC during pregnancy is calculated based on the latest Certification Date and the latest Delivery Date, for all postpartum women enrolled in WIC during the current reporting period. If a mother is enrolled postpartum, but there is no record of her being enrolled while pregnant, she is classified as having "enrolled postpartum" (i.e. not on WIC during pregnancy).

"<u>Unknowns:</u> Women with unknown time on WIC during pregnancy (i.e. either missing or otherwise unknown), are excluded from the analysis. This includes, for example, transfers from out-of-state with incomplete records, etc.

	N	(N %)	+ UNK	(UNK %)	=TOTAL
•	4,798	82.0%	1,053	18.0%	5,851

<sup>\*</sup> Use caution when interpreting small numbers.

<sup>f</sup> <u>Note</u>: Totals may not tie out due to rounding and/or missing or unknown enrollment data.

\* Data source: SWIS (Statewide WIC Information System), Report OUTOBJ6N.



## STATE OF CONNECTICUT WIC PROGRAM DEPARTMENT OF PUBLIC HEALTH Federal Fiscal Year 2014

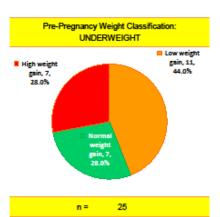
MATERNAL WEIGHT GAIN (Pre/Post-Pregnancy) among Women giving Birth during the Reporting Period (excluding Unknowns, and multiples & preterm births)

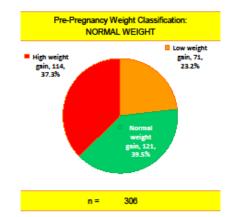
> STATEWIDE WIC PROGRAM: Reporting Period: November 2014 (run date 02/04/15)

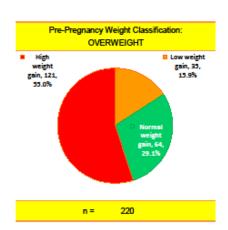
## Connecticut WIC Target:

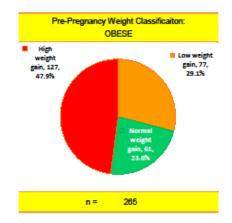
See " Maternal Weight Gain Classification (among women delivering live, singleton, full-term infants)











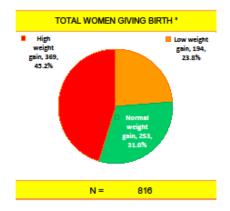
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## MATERNAL WEIGHT GAIN (MWG)

STATEWIDE WIC PROGRAM: Reporting Period: November 2014



<sup>\*</sup>The Federal Fiscal Year (FFY) runs from Oct 1 to Sept 30.

MATERNAL WEIGHT GAIN CLASSIFICATION (IOM \*\*):

Pre-Preenancy Weight	Weight	Weight Gain During Pregnancy				
BMI Weight Classification:	Low	Normal	High			
- Underweight (BMI < 18.5)	< 28 lbs	28 - 40 lbs	> 40 lbs			
- Normal Weight (BMI 18.5 - 24.9)	< 25 lbs	25 - 35 lbs	> 35 lbs			
- Overweight (BMI 25.0 - 29.9)	< 15 lbs	15 - 25 lbs	> 25 lbs			
- Obese (BMI ≥ 30.0)	< 11 lbs	11 - 20 lbs	> 20 lbs			

<sup>\*\*</sup> Sources: Institute of Medicine (IOM) of the National Academies:

https://www.iom.edu/~/media/Files/About\$520the\$520t0M/Pregnancy-Weight/Pregnancy-weightpostcard.odf http://www.iom.edu/~/media/Files/Report\$20Files/2009/Weight-Gain-Durine-Pregnancy-Reporting-the-Guideline Report\$20Birds\$20-\$20Weight\$20Gain\$20Guin\$20Guin\$520Gain\$20cutin\$55Coreanacy.odf

> <sup>6</sup> <u>Unknowns</u>: Women with missing or unknown (UNK) pre-pregnancy weight, and/or post-pregnancy weight gain, are excluded from this analysis:

	N	(N%) +	FUNK (	UNK %)	=TOTAL
8:	16 8	83.5%	161	16.5%	977

<sup>&</sup>lt;sup>d</sup> Use caution when interpreting small numbers.



<sup>\*</sup> Note: Totals may not tie out due to rounding and/or missing or unknown data. (See also \* <u>Unknowns.</u>)

Data source: SWIS (Statewide WIC Information System), Report OUTOBJ1N.

## **BIRTH WE**

## STATE OF CONNECTICUT WIC PROGRAM DEPARTMENT OF PUBLIC HEALTH Federal Fiscal Year 2014

BIRTH WEIGHT CLASSIFICATION

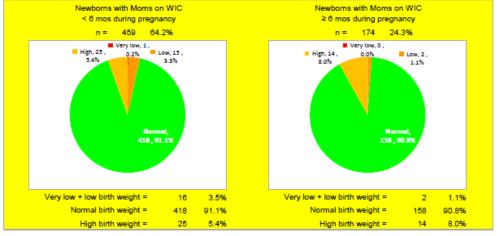
among Infants Born during the Reporting Period
by Mother's Time Enrolled in WIC during Pregnancy
(excluding Unknowns, and multiples & preterm births) \* . h. s.

STATEWIDE TOTALS January 2015









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## BIRTH WEIGHT CLASSIFICATION STATEWIDE TOTALS January 2015

\*The Federal Fiscal Year (FFY) runs from Oct 1 to Sept 30.

- <sup>b</sup> Birth Weight Classification: Very low birth weight (VLBW): < 3 lbs 5 oz (< 1500 g)
- Low birth weight (LBW): 3 lbs 5 oz to < 5 lbs 8 oz (1500 g to < 2500 g)
- Normal birth weight (NBW): 5 lbs 8 oz to 8 lbs 14 oz (2500 g to 4000 g) - High birth weight (HBW): > 8 lbs 14 oz (> 4000 g)

Full-term delivery is defined as < 38 weeks' gestation.

"Unknowns: Infants with unknown (UNK) birth weight are excluded from this analysis:

N	(N %)	+ UNK	(UNK %)	= TOTAL
996	92.7%	79	7.3%	1,075

The Totals graph may include infants with reported birth weights, but whose mothers' time on WIC during pregnancy is missing or otherwise unknown:

Mother's time on WIC is Missing or Unknown: 360

<sup>d</sup> Use caution when interpreting small numbers.

\* Note: Totals may not tie out due to rounding and/or missing or unknown data. (See also <sup>6</sup> <u>Unknowns</u>.)

<sup>f</sup> Data source: SWIS (Statewide WIC Information System), Report OUTOBJ1N.



# BREAST

STATE OF CONNECTICUT WIC PROGRAM DEPARTMENT OF PUBLIC HEALTH Federal Fiscal Year 2015

## BREASTFEEDING STATUS - INITIATION & DURATION -

by Infant's / Child's Age on Reporting Date & Mother's Time Enrolled in WIC during Pregnancy (excluding Postpeturm Enrollees & Unknowns) \*\* \*\* \*\*\*\*\*

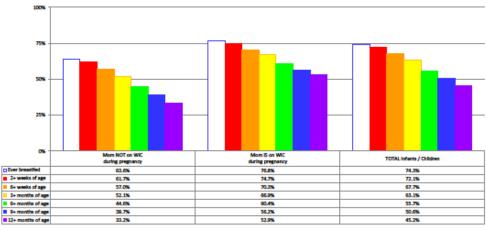
> STATEWIDE TOTALS DECEMBER 2014 (run date 01/06/15)

## Connecticut WIC Targets:

Initiation: At least 65% of infants enrolled in the WIC Program have mothers who initiate breastfeeding (among infants whose mothers were enrolled in WIC prenatally for any length of time).

Duration: At least 10% of infants enrolled in the WIC Program are breastled for 6 months or more.





	Mom NOT on	WIC during p	pregnancy	- 1		Mom on WIC during pregnancy					Total Infants / Children <sup>4</sup>				
Age	Never BF	86	Total	% BF	Age	Never BF	BF	Total	% BF	Age	Never BF	BF	Total	% BF	
Ever BF:	2,580	4,504	7,084	63.6%	Ever BF:	3,354	11,075	14,429	76.8%	Ever BF:	9,631	27,899	37,530	74.3%	
20 wks:	2,580	4,158	6,738	61.7%	24 wks:	3,329	9,855	13,184	74.7%	2+ wks:	9,599	24,773	34,372	72.1%	
60 wks:	2,567	3,409	5,976	57.0%	64 wks:	3,199	7,580	10,779	70.3%	64 wks:	9,409	19,728	29,137	67.7%	
3+ mos:	2,536	2,754	5,290	52.1%	34 max	2,925	5,899	8,824	66.9%	34 mos:	9,020	15,453	24,473	63.1%	
6+ mos:	2,388	1,922	4,310	44.6%	64 max	2,538	3,871	6,409	60.4%	64 mos:	8,328	10,452	18,780	55.7%	
9+ mos:	2,237	1,414	3,651	38.7%	9+ max	2,209	2,832	5,041	56.2%	94 mos:	7,715	7,887	15,602	50.6%	
12+ mos:	2,060	1,023	3,083	33.2%	124 max	1,866	2,092	3,958	52.9%	12+ mos:	7,044	5,803	12,847	45.2%	

<sup>\*</sup> The Federal Fiscal Year (FFY) runs from Oct 1 to Sept 30.

<sup>b</sup> <u>Unknowns</u>: Infent's / Child's age, breastfeeding status and/or mother's time on WiC during pregnancy is missing or otherwise unknown. Women who enrolled in WiC postpartum are also <u>sentuded</u> from the analysis.

N	(N %)	+ UNK	(UNK %)	= TOTAL
37,530	29.0%	363	1.0%	37,893

<sup>\*</sup> Use caution when interpreting small numbers.



<sup>&</sup>lt;sup>6</sup> Note: The Totals graph includes infants/children with reported age and breastfeeding status, but whose mother's time on WiC during pregnancy is missing or otherwise unknown. Therefore, Totals will not tie out with the frequencies of the first two histograms.

<sup>\*</sup>Data source: SWIS (Statewide WIC Information System), Report OUTOBJ3N.

## ANEMIA CHILDHOOD

## STATE OF CONNECTICUT WIC PROGRAM DEPARTMENT OF PUBLIC HEALTH Federal Fiscal Year 2014

CHANGE IN CHILDHOOD ANEMIA CLASSIFICATION from Baseline among Children 2 to 5 Years of Age by Length of Time Enrolled in WIC (excluding Unknowns) \*\*\*.4.4.4.6

> STATEWIDE TOTALS WIC PROGRAM DECEMBER 2014 (run date 01/06/15)



## Connecticut WIC Target:

Anemia ≤ 7.5% among children enrolled in WIC for at least one year.

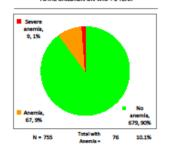




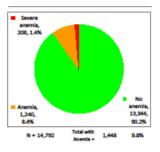
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## CHANGE IN CHILDHOOD ANEMIA CLASSIFICATION STATEWIDE TOTALS WIC PROGRAM DECEMBER 2014 (run date 01/06/15)

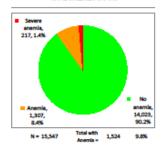
TOTAL CHILDREN ON WIC < 1 YEAR







TOTAL	CHIL	PARKEN	COMM	MARKET



Total Children	<1 year or	n WIC
No anemia:	679	89.9%
Anemia:	67	8.9%
Severe:	9	1.2%

Children on WIC < 1 Year					
N	(N %)	+ UNK	(UNK %)	- TOTAL	
700	43.89	ocn	6E 28	1 777	

755 100.0%

Total Childs	en≥1 year	on WIC
No anemia:	13,344	90.2%
Anemia:	1,240	8.4%
Severe:	208	1.4%
Total:	14,792	100.0%

Children on WIC≥1 Year				
N	(N %)	+ UNK	(UNK %)	- TOTAL
14,792	83.7%	2.996	16.8%	17,788

Total Children on WIC			
No anemia:	14,023	90.2%	
Anemia:	1,307	8.4%	
Severe:	217	1.4%	
Total:	15,547	100.0%	

Total Children on WIC				
N	(N %)	+ UNK	(UNK %)	- TOTAL
15,547	79.7%	3,964	20.3%	19,511

<sup>\*</sup>The Federal Fiscal Year (FFY) runs from Oct 1 to Sept 30.

<sup>b</sup>Baseline: blood work recorded at 2-year WIC Certification, or first blood work results after child's 2<sup>nd</sup> birthday.

\*Childhood Anemia Classification (age-specific cut-off values, based on the 5<sup>th</sup> percentile; NHANES III study; CDC, MMWR 1998479R-3);
No anemia: High [hemoglobin]≥11.1 or Hot (hematocrit)≥33.0 and <90.9; Anemia: High <11.1 or Hot <33.0; and, Severe anemia: High ≤10.0, or Hot ≤31.0.</p>

<sup>4</sup> Missing / Unknown data: Child just turned 2; transferred in from another WC agency; no baseline and/or follow-up blood work recorded.

\*Use caution when interpreting small numbers.

Note: Totals may not tie out due to rounding and/or missing or unknown bloodwork results.

\* Data source: SWIS (Statewide WIC Information System), Report OUTOBISN.

## BES

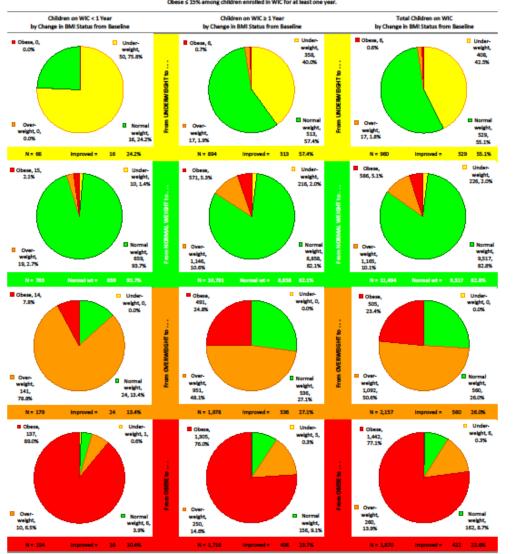
## STATE OF CONNECTICUT WIC PROGRAM DEPARTMENT OF PUBLIC HEALTH Federal Fiscal Year 2014

CHANGE IN CHILDHOOD BMI WEIGHT CLASSIFICATION from Baseline among Children 2 to 5 Years of Age by Length of Time Enrolled in WIC (excluding Unknowns) \* \* \* \* \* \* \* \*

STATEWIDE TOTALS: November 2014 (run date 12/03/14)

Connecticut WIC Targets:
Overweight ≤ 10% among children enrolled in WIC for at least one year. Obese \$ 15% among children enrolled in WIC for at least one year.

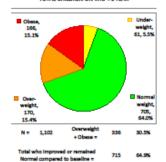




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## CHANGE IN CHILDHOOD BMI WEIGHT CLASSIFICATION STATEWIDE TOTALS: November 2014 (run date 12/03/14)





Total Childre	n<1 year or	WIC
Underweight:	61	5.5%
Normal weight:	705	64.0%
Overweight:	170	15.4%
Obesec	166	15.1%
Total:	1,102	100.0%

	Children on WIC < 1 Year				
N	(N %)	+UNK	(UNK N)	= TOTAL	
1.102	67.1%	540	32.9%	1.642	

## TOTAL CHILDREN ON WIC≥ 1 YEAR

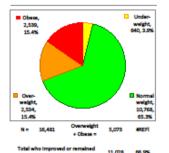


Total Childre	en ≥1 year or	WIC
Underweight:	579	3.85
Normal weight:	10,063	65.4
Overweight:	2,364	15.4
Obese:	2,373	15.4
W-1-1	10.000	5 mm m

Normal compared to baseline =

Children on WIC≥1 Year				
N	(N %)	+ UNK	(UNK %)	= TOTAL
15,379	87.5%	2,194	12.5%	17,573

## TOTAL CHILDREN ON WIC



Total Childre	n 2 - 4 Years	on WIC
Underweight:	640	3.9%
Normal weight:	10,768	65.3%
Overweight:	2,534	15.4%
Obeset	2,539	15.4%
Total:	15,481	100.0%

Normal compared to baseline m

Total Children on WIC				
N	(N %)	+ UNK	(UNK %)	=TOTAL
16,481	85.8%	2,734	14.2%	19,215

\*Baseline: BMI recorded at 2-year WIC Certification, or first BMI calculated after the child's 2<sup>nd</sup> birthday.

> Missing / Unknown date: Child just turned 2; transferred in from another WIC agency; no baseline and/or follow-up anthropometric measures recorded.

> > \* Use caution when interpreting small numbers.

Note: Totals may not tie out due to rounding and/or missing or unknown bloodwork results.

\* Data source: SWIS (Statewide WIC Information System), Report OUTOBJ7N.



<sup>\*</sup> The Federal Fiscal Year (FFY) runs from Oct 1 to Sept 30.

## MS "OneNote"

