

Table 4E
2011 Pediatric Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Racial and Ethnic Distribution by Region
Children Aged < 5 Years ⁽²⁾

Comparison of Racial and Ethnic Distribution								
Region	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
CDHU	555	70.1	0.9	7.7	12.1	0.0	9.2	0.0
FDHU	2,087	68.6	2.2	13.1	5.5	1.2	9.2	0.1
James R	1,074	82.1	5.1	6.1	1.7	0.6	4.4	0.0
LRDHU	1,120	29.0	0.4	5.5	58.8	0.4	5.8	0.0
North RR	2,389	58.3	5.5	19.7	6.0	1.3	9.2	0.0
Rolette	1,408	2.1	0.1	3.5	91.5	0.1	2.6	0.1
So Central	1,737	58.1	1.0	6.3	22.1	0.8	11.6	0.0
South RR	3,776	62.7	14.3	8.6	4.2	2.3	7.8	0.2
SWDHU	509	77.2	2.9	9.4	4.3	0.6	5.3	0.2
UMDHU	466	71.0	0.2	9.7	4.1	0.6	11.4	3.0
North Dakota	15,121	56.5	5.4	9.9	19.0	1.2	7.9	0.2
Nation (Prior Year)	8,672,965	32.5	19.1	39.7	0.9	2.5	2.7	2.5

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with errors.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 5E
2011 Pediatric Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Age Distribution by Region
Children Aged < 5 Years ⁽²⁾

Comparison of Age Distribution				
Region	Number Included in Analysis (3,4)	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
CDHU	555	40.5	15.3	44.1
FDHU	2,087	41.4	18.0	40.5
James R	1,074	37.6	15.9	46.5
LRDHU	1,120	35.6	16.2	48.2
North RR	2,389	35.4	18.0	46.6
Rolette	1,408	29.4	17.0	53.6
So Central	1,737	42.1	15.9	42.0
South RR	3,776	38.1	17.6	44.3
SWDHU	509	43.0	18.1	38.9
UMDHU	466	45.7	13.1	41.2
North Dakota	15,121	38.1	17.0	44.9
Nation (Prior Year)	8,672,965	33.7	22.1	44.2

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or 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.



Table 6E
2011 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by Region
Children Aged < 5 Years (2)

Comparison of Growth and Anemia Indicators (3,4)												
Region	Birthweight (5)			Height and Weight (3,4)							Anemia Low Hb/Hct (8)	
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
CDHU	127	7.9 (5)	9.4 (4)	548	3.8 (2)	1.3 (2)	10.6 (5)	241	15.4 (5)	12.4 (7)	431	6.3 (5)
FDHU	512	8.8 (6)	10.7 (7)	2,067	6.0 (8)	2.0 (6)	9.3 (2)	844	13.3 (2)	11.1 (5)	1,389	3.7 (3)
James R	235	6.4 (1)	8.1 (2)	1,063	5.3 (6)	2.4 (8)	12.5 (6)	497	17.5 (8)	11.5 (6)	812	5.2 (4)
LRDHU	238	9.2 (8)	14.3 (10)	1,109	3.4 (1)	2.1 (7)	14.5 (9)	540	18.5 (9)	10.9 (4)	866	12.2 (9)
North RR	491	9.0 (7)	11.0 (8)	2,354	5.2 (5)	2.5 (10)	12.8 (7)	1,084	14.9 (3)	14.2 (8)	1,737	13.5 (10)
Rolette	263	11.0 (9)	10.6 (6)	1,388	4.8 (4)	0.8 (1)	20.2 (10)	747	24.9 (10)	22.8 (10)	1,160	2.9 (2)
So Central	438	7.8 (3)	9.6 (5)	1,717	5.7 (7)	1.5 (3)	12.8 (7)	709	15.2 (4)	17.1 (9)	1,277	7.2 (7)
South RR	895	7.5 (2)	9.3 (3)	3,732	4.7 (3)	2.4 (8)	9.6 (3)	1,647	16.6 (6)	10.0 (2)	2,763	9.2 (8)
SWDHU	136	11.0 (9)	5.9 (1)	505	7.1 (10)	1.6 (5)	7.5 (1)	197	16.8 (7)	8.1 (1)	311	6.4 (6)
UMDHU	128	7.8 (3)	11.7 (9)	458	7.0 (9)	1.5 (3)	9.8 (4)	187	12.3 (1)	10.2 (3)	304	2.3 (1)

- (1) Reporting period is January 1 through December 31.
(2) Analyses based on one record per child.
(3) Excludes records with unknown data or errors.
(4) Rank compares this region's rate to other regions. Rank 1 = best rate.
(5) Infants born during the reporting period included in the analysis.
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6E
2011 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by Region
Children Aged < 5 Years (2)

Comparison of Growth and Anemia Indicators (3,4)												
Region	Birthweight (5)			Height and Weight (3,4)						Anemia Low Hb/Hct (8)		
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
North Dakota	3,463	8.4	10.1	14,941	5.2	2.0	12.0	6,693	16.7	13.2	11,050	7.9
Nation (Prior Year)	1,851,546	9.0	6.3	8,057,124	6.3	3.6	12.4	3,572,939	16.1	14.4	5,391,027	14.6

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(4) Rank compares this region's rate to other regions. Rank 1 = best rate.
(5) Infants born during the reporting period included in the analysis.
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 7E
2011 Pediatric Nutrition Surveillance (1)
North Dakota

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Region
Children Aged < 5 Years (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)														
	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)		Smoking in Household			
Region	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% (Rank)		
CDHU	127	73.2 (1)	117	25.6 (1)	84	* *	127	11.8 (8)	117	7.7 (4)	253	77.1 (7)	537	4.1 (2)
FDHU	513	62.0 (7)	448	22.3 (5)	333	14.1 (1)	461	23.6 (1)	429	17.7 (1)	752	84.8 (1)	1,994	4.5 (3)
James R	235	65.1 (6)	236	22.5 (4)	178	9.6 (5)	223	21.5 (2)	231	10.8 (2)	515	83.9 (2)	1,043	8.9 (8)
LRDHU	240	38.3 (10)	212	9.0 (8)	174	5.2 (6)	240	5.8 (9)	211	2.8 (7)	564	75.0 (8)	1,093	7.2 (7)
North RR	492	72.6 (2)	518	25.1 (2)	397	13.6 (2)	470	15.3 (4)	511	6.8 (5)	1,159	81.2 (4)	2,308	5.0 (5)
Rolette	263	50.6 (9)	251	11.2 (7)	229	4.8 (7)	247	3.6 (10)	248	0.8 (8)	735	67.1 (10)	1,393	10.9 (10)
So Central	439	67.7 (4)	371	17.0 (6)	284	10.2 (4)	409	14.4 (5)	361	4.7 (6)	762	79.0 (5)	1,679	5.9 (6)
South RR	901	71.8 (3)	782	23.5 (3)	616	12.8 (3)	728	12.2 (6)	764	7.9 (3)	1,687	77.4 (6)	3,640	4.5 (3)
SWDHU	136	56.6 (8)	99	* *	80	* *	107	21.5 (2)	95	* *	202	72.8 (9)	475	4.0 (1)
UMDHU	131	65.6 (5)	90	* *	57	* *	109	11.9 (7)	85	* *	147	81.6 (3)	425	9.6 (9)
North Dakota	3,477	64.8	3,124	20.6	2,432	11.5	3,121	14.5	3,052	8.2	6,776	78.2	14,587	6.0
Nation (Prior Year)	1,689,615	63.2	908,604	25.1	1,069,942	16.9	363,039	10.7	466,279	6.1	1,200,700	79.2	4,203,554	9.4

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Rank compares this region's rate to other regions. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6E
2009 - 2011 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by Region
Children Aged < 5 Years (2)

Comparison of Growth and Anemia Indicators (3,4)												
Region	Birthweight (5)			Height and Weight (3,4)						Anemia Low Hb/Hct (8)		
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
CDHU	402	8.5 (7)	8.7 (4)	1,720	4.4 (3)	1.5 (4)	10.5 (4)	741	16.3 (6)	10.3 (2)	1,340	8.9 (7)
FDHU	1,615	8.7 (8)	9.0 (6)	6,428	5.7 (7)	1.9 (5)	9.5 (1)	2,602	15.4 (2)	12.5 (6)	4,276	4.6 (3)
James R	716	7.4 (2)	9.4 (7)	3,226	5.1 (5)	2.1 (6)	12.0 (6)	1,503	16.0 (4)	11.8 (4)	2,450	7.4 (5)
LRDHU	709	8.3 (5)	12.4 (10)	3,502	3.5 (1)	2.1 (6)	13.9 (9)	1,749	17.2 (8)	11.8 (4)	2,762	16.8 (10)
North RR	1,597	8.0 (3)	8.9 (5)	7,174	5.1 (5)	2.1 (6)	12.5 (7)	3,189	15.8 (3)	14.5 (8)	5,073	13.1 (9)
Rolette	809	11.2 (10)	10.5 (9)	4,211	4.1 (2)	1.3 (1)	20.7 (10)	2,224	23.4 (10)	24.8 (10)	3,498	3.9 (1)
So Central	1,228	9.0 (9)	8.1 (3)	5,183	6.0 (8)	1.4 (3)	13.8 (8)	2,194	17.4 (9)	16.7 (9)	3,964	7.6 (6)
South RR	2,685	8.3 (5)	7.9 (2)	11,171	4.6 (4)	2.5 (9)	10.0 (3)	4,912	16.4 (7)	10.4 (3)	8,210	10.1 (8)
SWDHU	426	8.2 (4)	5.2 (1)	1,713	6.5 (10)	2.5 (9)	9.7 (2)	728	14.7 (1)	9.6 (1)	1,145	7.2 (4)
UMDHU	401	6.7 (1)	10.0 (8)	1,556	6.2 (9)	1.3 (1)	10.6 (5)	655	16.0 (4)	12.8 (7)	1,111	4.1 (2)

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(4) Rank compares this region's rate to other regions. Rank 1 = best rate.
(5) Infants born during the reporting period included in the analysis.
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6E
2009 - 2011 Pediatric Nutrition Surveillance (1)
North Dakota
Comparison of Growth and Anemia Indicators by Region
Children Aged < 5 Years (2)

Comparison of Growth and Anemia Indicators (3,4)												
Region	Birthweight (5)			Height and Weight (3,4)						Anemia Low Hb/Hct (8)		
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
North Dakota	10,588	8.5	8.8	45,884	5.0	2.0	12.2	20,497	17.0	13.8	33,829	8.9

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 - (4) Rank compares this region's rate to other regions. Rank 1 = best rate.
 - (5) Infants born during the reporting period included in the analysis.
 - (6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.
 - (7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.
 - (8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
- * Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 7E
2009 - 2011 Pediatric Nutrition Surveillance (1)
North Dakota

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Region
Children Aged < 5 Years (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)														
Region	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)		Smoking in Household			
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)		
CDHU	479	67.4 (3)	423	19.4 (5)	311	10.9 (6)	453	11.9 (8)	411	5.1 (8)	773	77.1 (8)	985	8.7 (3)
FDHU	1,822	60.3 (6)	1,664	19.2 (6)	1,160	11.6 (5)	1,611	19.1 (2)	1,521	13.3 (2)	2,335	85.2 (1)	3,802	11.0 (7)
James R	806	59.2 (8)	767	19.6 (4)	586	11.8 (4)	745	18.3 (3)	717	10.9 (3)	1,564	82.9 (3)	1,809	10.2 (6)
LRDHU	775	45.7 (10)	736	9.5 (10)	638	5.6 (10)	761	5.9 (9)	726	2.1 (9)	1,840	77.6 (7)	1,851	7.9 (2)
North RR	1,814	68.8 (1)	1,757	24.2 (1)	1,331	12.8 (2)	1,704	16.2 (4)	1,685	9.4 (4)	3,278	82.6 (4)	4,040	9.6 (4)
Rolette	842	48.0 (9)	825	11.8 (9)	769	7.5 (9)	807	3.3 (10)	809	1.0 (10)	2,267	69.2 (10)	2,034	13.1 (8)
So Central	1,396	68.8 (1)	1,279	17.9 (7)	963	10.0 (7)	1,308	13.8 (5)	1,208	5.3 (7)	2,321	72.1 (9)	3,005	9.7 (5)
South RR	3,024	67.4 (3)	2,659	23.0 (3)	2,077	12.8 (2)	2,615	13.8 (5)	2,559	7.7 (6)	5,024	79.2 (6)	6,388	6.2 (1)
SWDHU	496	59.3 (7)	405	24.2 (1)	298	15.1 (1)	408	23.3 (1)	379	14.5 (1)	696	83.2 (2)	1,052	13.9 (9)
UMDHU	453	62.7 (5)	386	16.8 (8)	236	9.7 (8)	395	13.2 (7)	355	9.3 (5)	532	79.9 (5)	903	23.1 (10)
North Dakota	11,907	62.8	10,901	19.7	8,369	11.1	10,807	14.2	10,370	8.0	20,630	78.8	25,869	9.8

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(5) Rank compares this region's rate to other regions. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

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