

**NATFAN: Infants
State Agency Report
Pre-Food Package Rollout Questionnaire
Fall 2009**

State: Connecticut

Total number of participants who completed the questionnaire: 466

Number of participants who completed the English version: 376

Number of participants who completed the Spanish version: 90

Table of Contents

Introduction.....	3
Parent/Caregiver Demographic Information	4-5
Infant Information.....	6
Breastfeeding Status	6-7
Formula Feeding	8-10
Milk, Juice, and Sweetened Drinks.....	11-12
Baby Food	13-16

List of Charts

Chart 1: Age of Infant at Breastfeeding Cessation.....	7
Chart 2: Age of Infant at First Formula Feeding.....	8
Chart 3: Frequency of Formula Feeding.....	10
Chart 4: Frequency of Infant Consuming 100% Juice and Other Drinks	12
Chart 5: Quantity of Baby Food Fed to Infant Weekly	13
Chart 6: Age of Infant at Introduction to Meats, Cereals, and Desserts.....	14
Chart 7: Age of Infant at Introduction to Fruits and Vegetables	15

Notes for WIC agencies in reading and interpreting the NATFAN Pre-Food Package Rollout Questionnaire Results:

The NATFAN pre-rollout questionnaire was administered to over 71,000 WIC participants in 52 programs representing 39 states, 11 ITOs, Washington DC, and one US Territory. WIC programs distributed this questionnaire between November 2008 and September 2009, prior to the implementation of the new WIC food package.

The results in this report capture a “snapshot” of the consumption and food frequency patterns of WIC participants prior to the new food package rollout based on a *sample, not every participant*. You may want to compare the questionnaire responses with the most recent certification reports to make sure that the sample group is similar to the overall participant makeup.

These results reflect all of the *completed* questionnaires for your program (please see sample sizes on page 1). Blank or refused surveys were not included in these results.

The totals for each question may not match the number shown on page 1. Not every participant who completed the questionnaire responded to all questions, so the results for each item reflect only those who answered that question. The letter “*n*” denotes the total number of participants who answered the question.

This report is designed to help you evaluate the impact of the new WIC foods on your WIC program and to help you plan and provide the best possible nutrition education services for your participants. You may be interested in comparing your program’s results with the aggregate, national data. If you have any questions about this report, please contact Rachel Condie at rcondie@tamu.edu or 979-458-2679, or Asha Girimaji at asha.g@tamu.edu or 979-862-2213.

We appreciate your participation in this project!

Parent/Caregiver Demographic Information

Participant Status

WIC participants reported the following information about their infants:

1. 74.1% of 398 participants had an infant in the household who received WIC foods or formula.
2. 74.6% of 342 participants had an infant who received WIC foods or formula in the past 30 days.
3. 98.2% of 400 participants were the primary caregiver for the infant.

4. What is your age?	# of participants	%
17 or younger	11	3.0
18-23	133	36.8
24-29	125	34.6
30-34	54	15.0
35 or older	38	10.5

n=361

5. What is the highest level of education you have completed?	# of participants	%
1 st to 6 th grade	13	3.4
7 th to 9 th grade	27	7.0
10 th to 12 th grade	74	19.1
High School graduate / GED	127	32.7
At least some college	147	37.9

n=388

2009 NATFAN Questionnaire (Parent/Caregiver Demographic Information)
Local Agency Report

6. What is your race?	# of participants	%
White, non-Hispanic	114	24.5
White, Hispanic	94	20.2
Black, non-Hispanic	82	17.6
Black, Hispanic	16	3.4
Native American, non-Hispanic	5	1.1
Native American, Hispanic	14	3.0
Pacific Islander, non-Hispanic	1	0.2
Pacific Islander, Hispanic	7	1.5
Asian, non-Hispanic	12	2.6
Asian, Hispanic	3	0.6
Other	36	7.7
I do not want to answer	16	3.4

n=466

7. What language is spoken most often at home?	# of participants	%
English	229	60.1
Both Spanish and English	81	21.3
Spanish	61	16.0
Other	10	2.6

n=381

Infant Information

8. How old is your infant?	# of participants	%
Less than 1 month old	66	16.5
1 to 2 months old	68	17.0
3 to 4 months old	61	15.3
5 months old	16	4.0
6 months old	54	13.5
7 to 8 months old	55	13.8
9 to 10 months old	66	16.5
11 months old	13	3.3

n=399

- 48.8% of 408 participants have an infant who is a boy.
- 51.2% of 408 participants have an infant who is a girl.

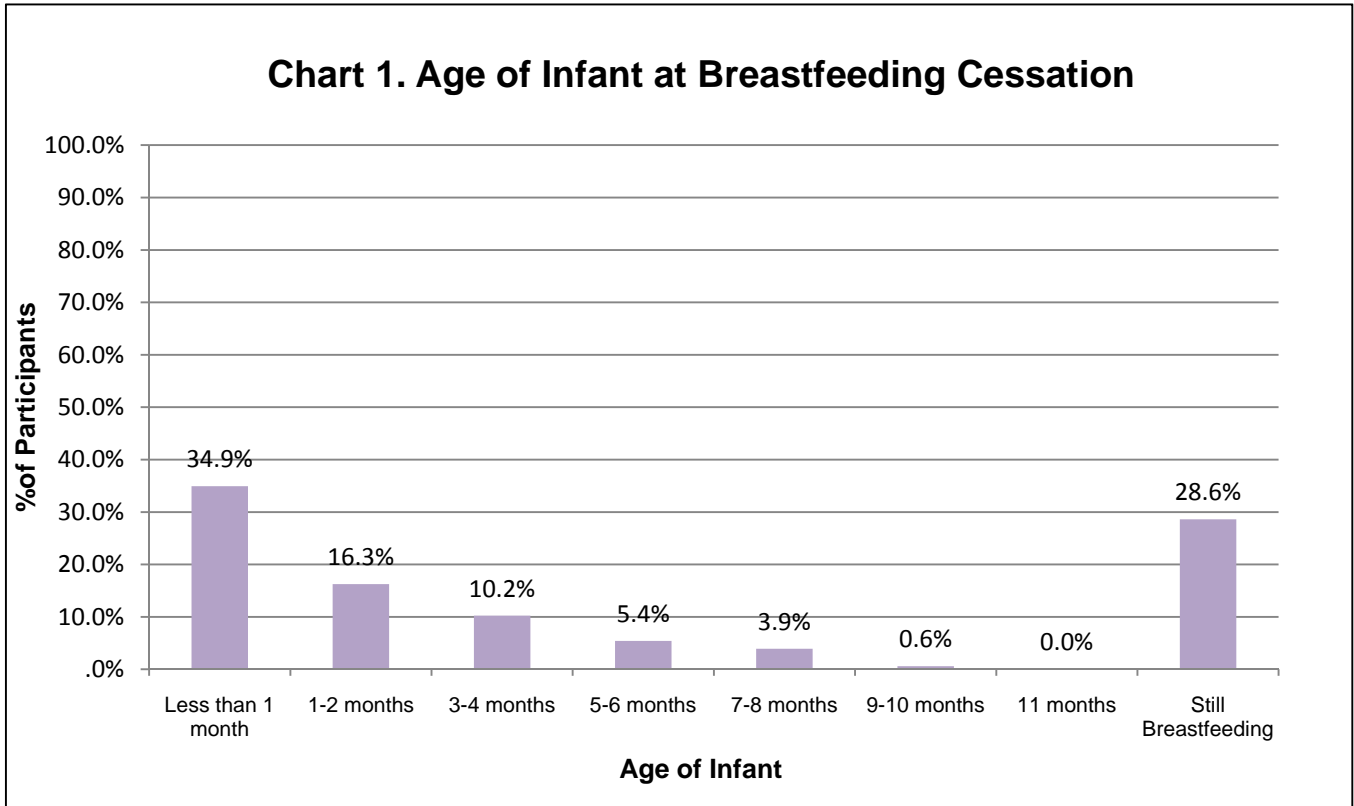
Breastfeeding Status

The percentages of participants who answered questions about their breastfeeding status are shown below:

- 29.8% of 416 participants had an infant who was currently breastfed or given breast milk.
- 71.0% of 417 participants had an infant who was breastfed at least one time.

Participants were asked the following question about breastfeeding cessation. The results are shown in Chart 1.

13. What was the age of your infant when you stopped breastfeeding?

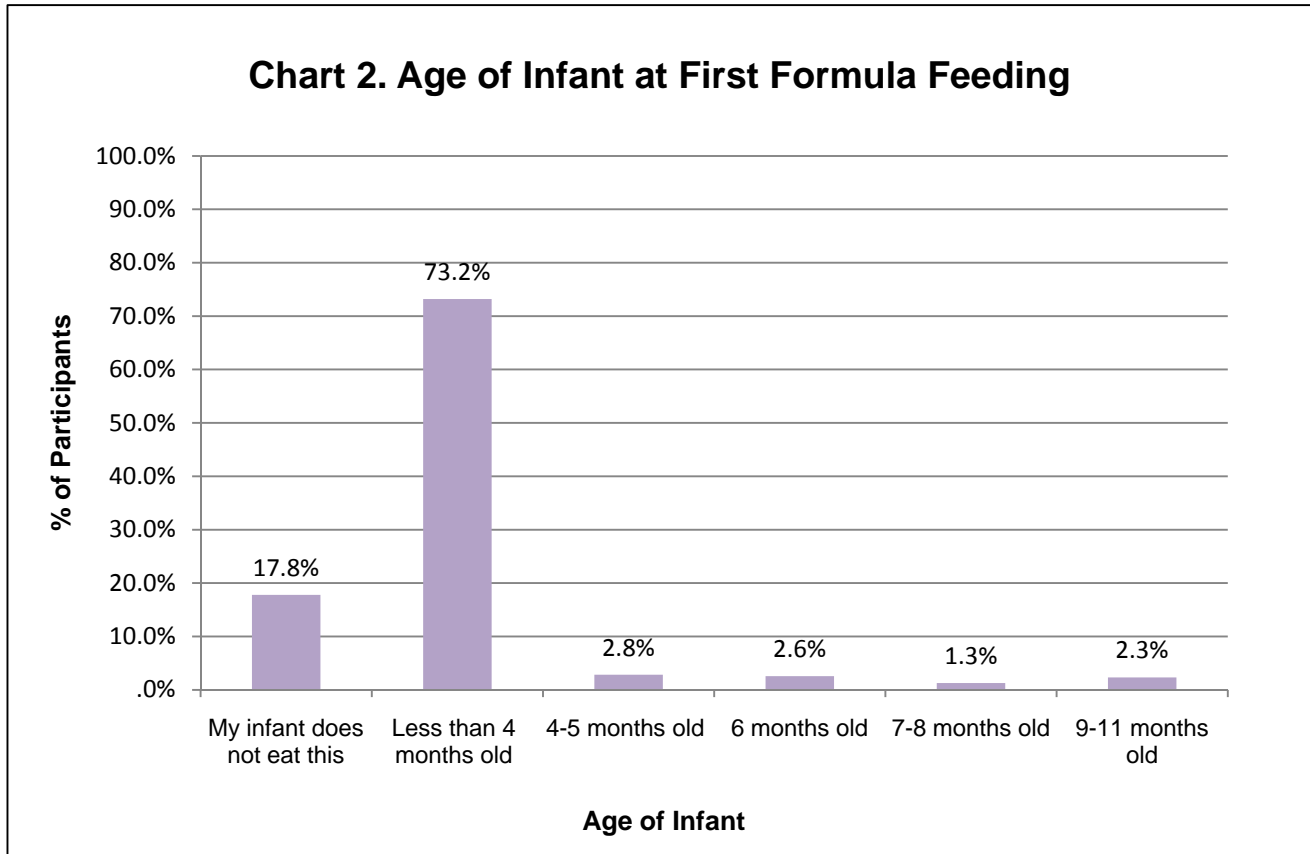


n = 332

Formula Feeding

Participants were asked about formula feeding. One of the questions is listed below with the results in Chart 2.

14. At what age did you first feed your infant formula?



n = 388

15. How many ounces of formula does your infant drink per feeding?	# of participants	%
My infant does not drink formula	30	7.4
1-2 ounces	31	7.7
3-4 ounces	99	24.4
5-6 ounces	120	29.6
7-8 ounces	114	28.1
9 or more ounces	11	2.7

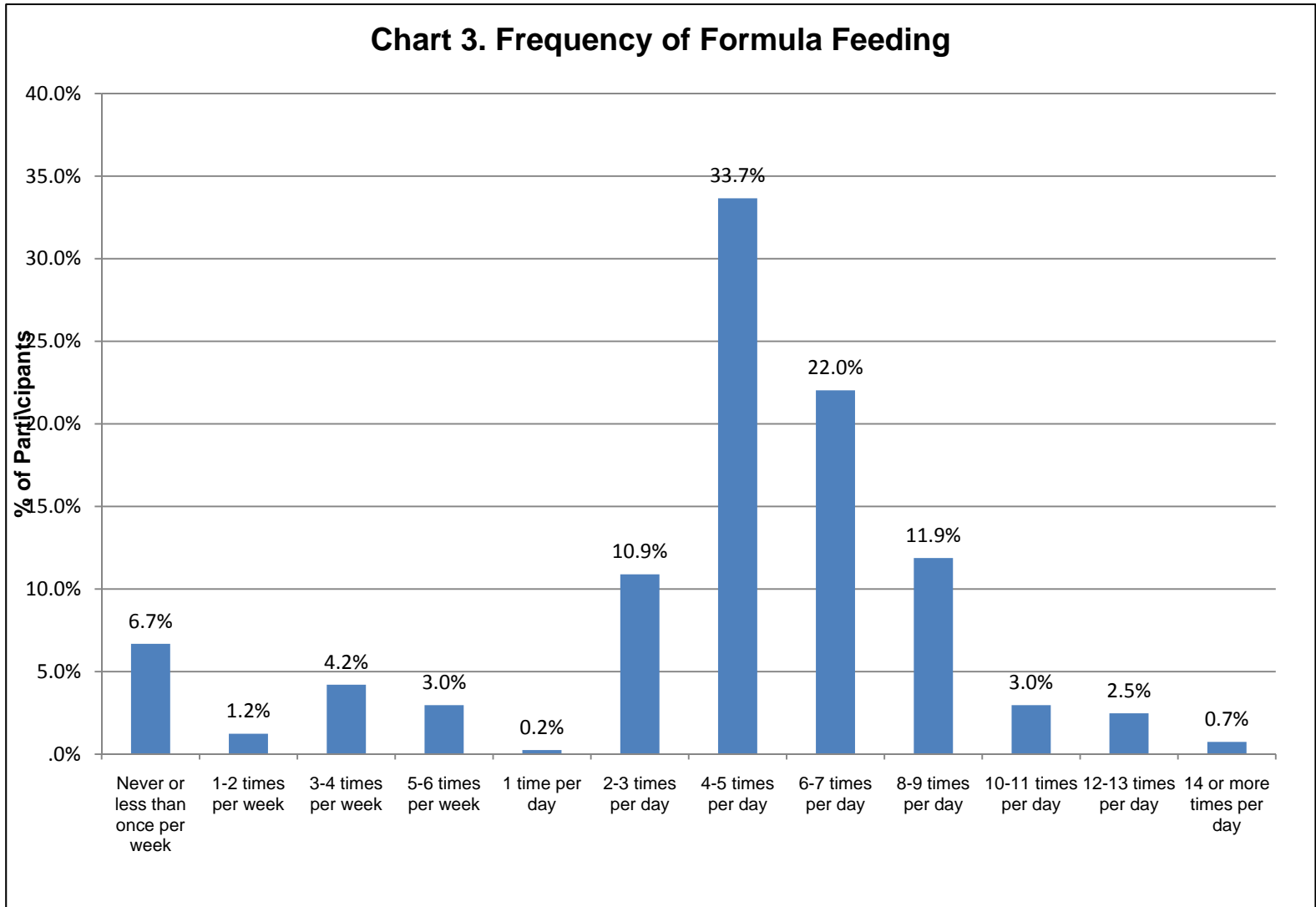
n=405

16. When you run out of WIC formula, what do you usually do?	# of participants	%
Formula does not usually run out	74	18.6
I buy or am given additional formula	254	63.8
I add extra milk to the formula	0	0.0
I add extra cereal to the formula	10	2.5
I add extra water to the formula	1	0.3
I try to give more breast milk	17	4.3
I breastfeed my infant	18	4.5
My infant does not drink formula	24	6.0

n=398

Participants were asked about the frequency of formula feeding with the question below. The results are shown in Chart 3.

17. How often does your infant drink formula?



n = 404

Milk, Juice, and Sweetened Drinks

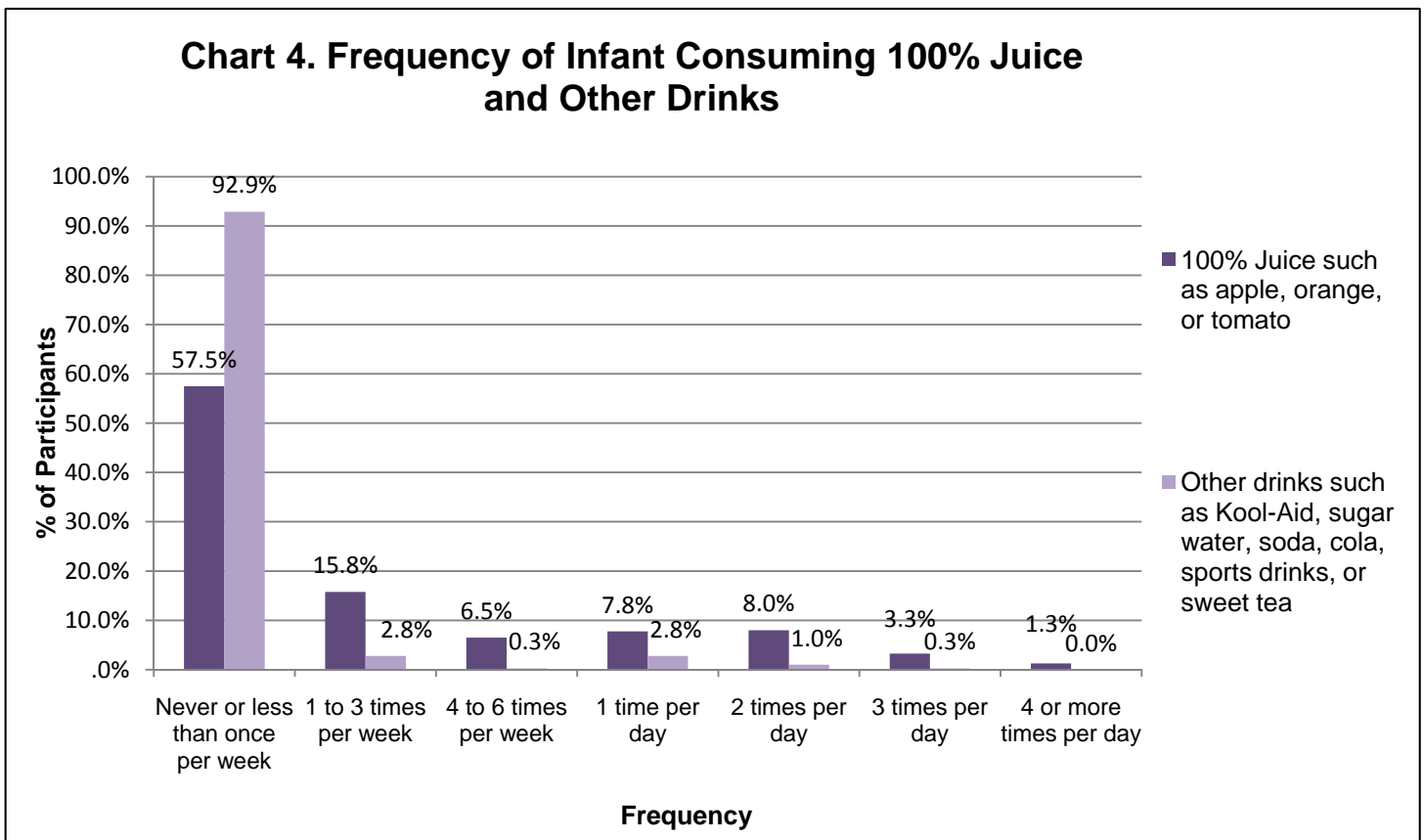
18. How often does your infant do the following?	Never or less than once per week	1 to 3 times per week	4 to 6 times per week	1 time per day	2 times per day	3 times per day	4 or more times per day
	Number (%)						
Drink milk other than breast milk or formula. n=398	319 (80.2%)	16 (4.0%)	5 (1.3%)	7 (1.8%)	11 (2.8%)	5 (1.3%)	35 (8.8%)
Drink soy milk. n=391	369 (94.4%)	1 (0.3%)	2 (0.5%)	0 (0.0%)	0 (0.0%)	3 (0.8%)	16 (4.1%)

19. The age at which the following fluids were first fed to your infant:	My infant does not eat this	Less than 4 months old	4 to 5 months old	6 months old	7 to 8 months old	9 to 11 months old
	Number (%)					
100% juice such as apple, orange, or tomato. n=396	214 (54.0%)	33 (8.3%)	67 (16.9%)	52 (13.1%)	20 (5.1%)	10 (2.5%)
Regular milk. n=388	348 (89.7%)	6 (1.5%)	4 (1.0%)	2 (0.5%)	2 (0.5%)	26 (6.7%)
All other drinks such as Kool-Aid, soda, cola, sport drinks, tea, sugar water, or diet drinks. n=395	363 (91.9%)	3 (0.8%)	6 (1.5%)	6 (1.5%)	8 (2.0%)	9 (2.3%)

Participants were asked the following two questions about the frequency of their infant consuming different beverages. The results are shown in Chart 4.

20. How often does your infant drink 100% juice such as apple, orange, or tomato juice?

21. How often does your infant drink other drinks such as Kool-Aid, sugar water, soda, cola, sports drinks, or sweet tea?



n = 400 for question 20 and n = 394 for question 21

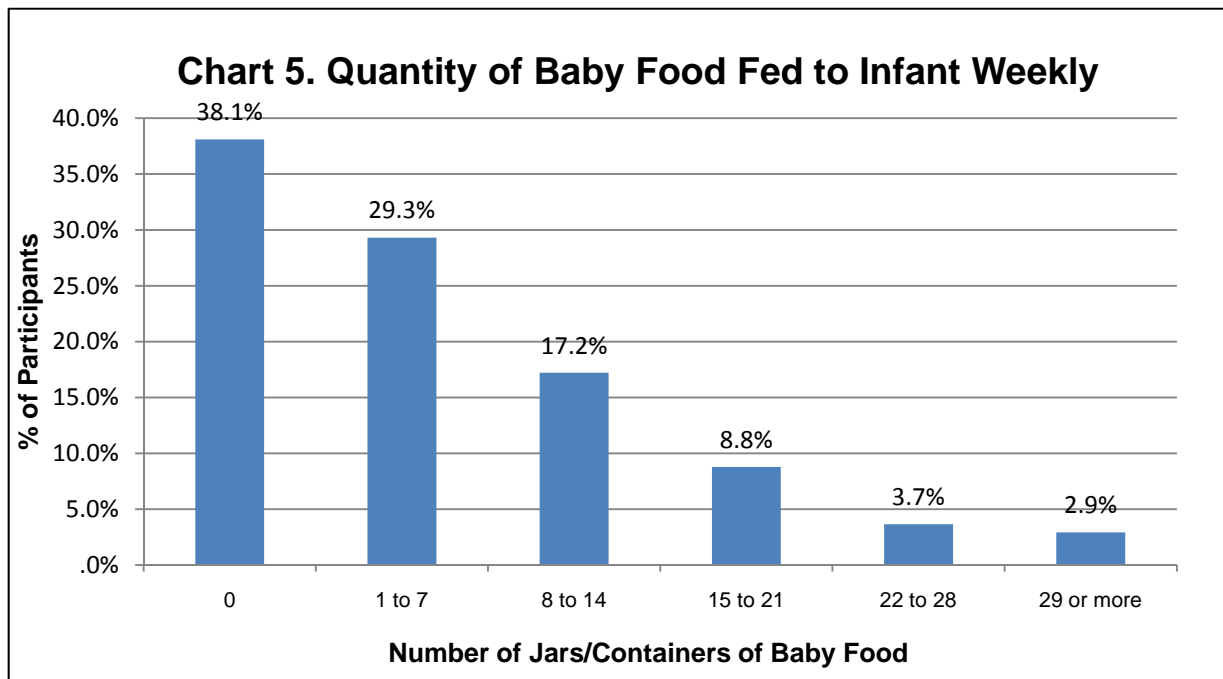
Baby Food

22. What kinds of baby food do you feed your infant?	# of participants	%
I do not feed my infant jars/containers of baby food	145	31.1
Fruits	209	44.8
Vegetables	184	39.5
Cereal	203	43.6
Meats	64	13.7
Dinners	63	13.5
Dessert	65	13.9
Others	18	3.9

n=466

Participants were asked about the amount of baby food fed to their infant weekly. The question is stated below. The results are shown in Chart 5.

23. How many jars/containers of baby food do you feed your infant in an average week?



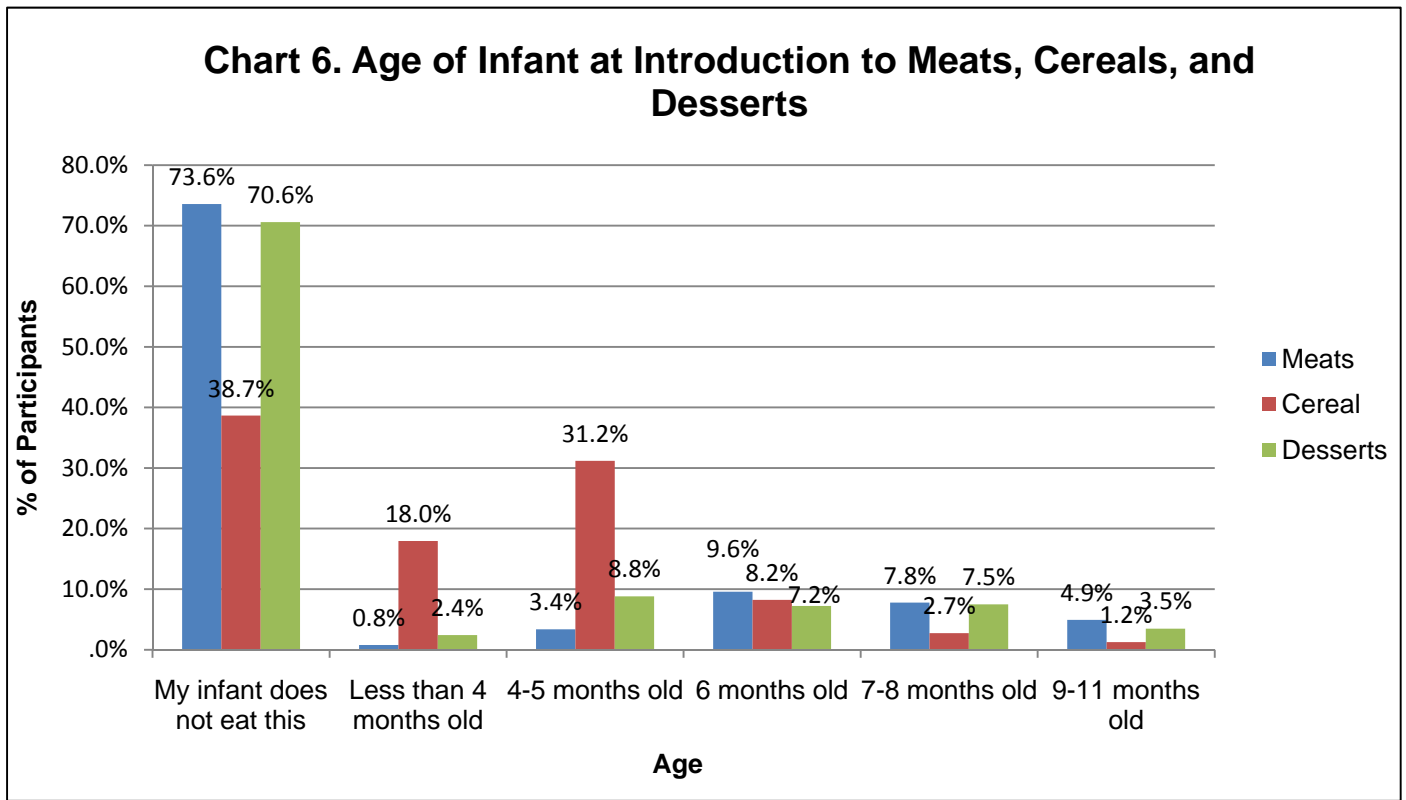
n = 273

Participants were asked about the age at which they first fed their infant certain types of food. The questions are stated above Chart 6 and Chart 7.

24. At what age did you first feed your infant meats?

25. At what age did you first feed your infant cereal?

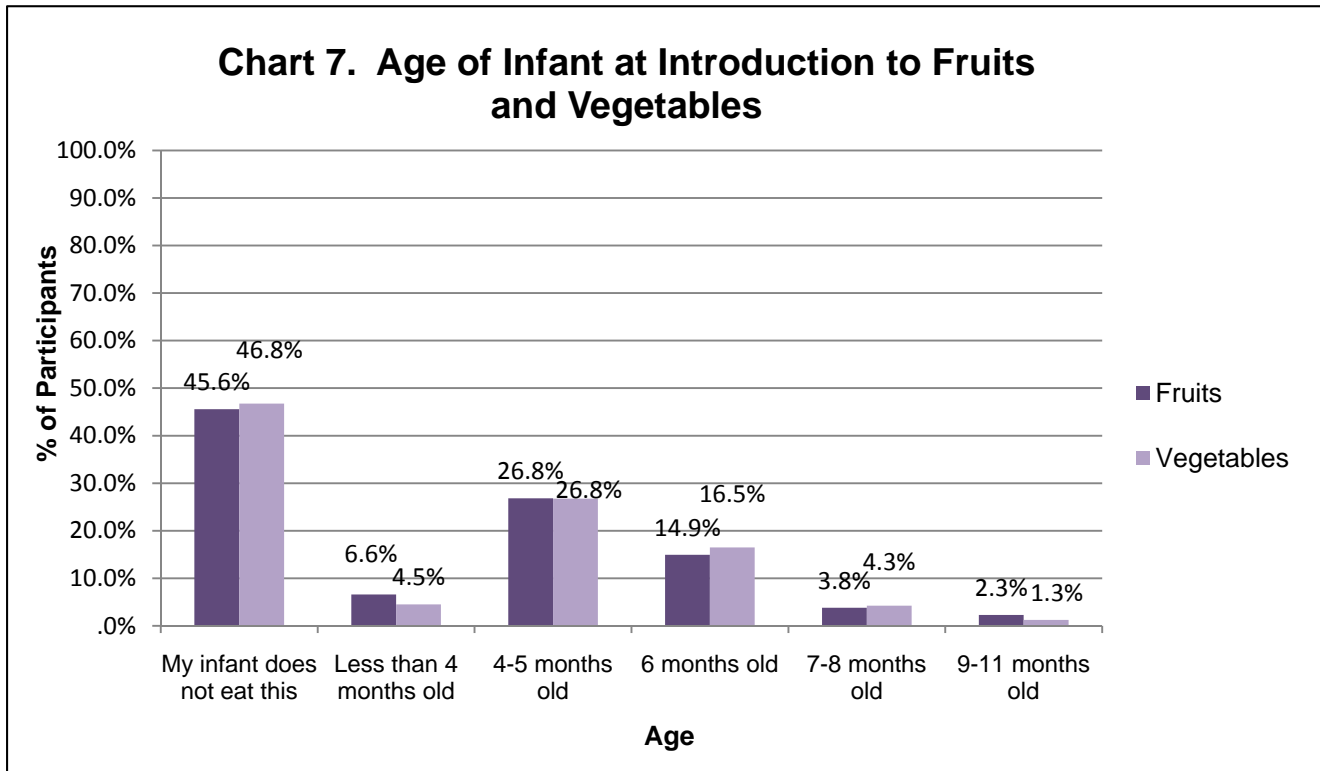
26. At what age did you first feed your infant desserts?



n = 386 for question 24, n = 401 for question 25, and n = 374 for question 26.

27. At what age did you first feed your infant fruit?

28. At what age did you first feed your infant vegetables?



n = 395 for question 27 and n = 400 for question 28

2009 NATFAN Questionnaire (Baby Food)
Local Agency Report

29. How often does your infant do the following?	Never or less than once per week	1 to 3 times per week	4 to 6 times per week	1 time per day	2 times per day	3 times per day	4 or more times per day
	Number (%)						
Eat cereal. n=397	181 (45.6%)	47 (11.8%)	21 (5.3%)	75 (18.9%)	38 (9.6%)	23 (5.8%)	12 (3.0%)
Eat fruits. n=399	189 (47.4%)	43 (10.8%)	23 (5.8%)	57 (14.3%)	59 (14.8%)	19 (4.8%)	9 (2.3%)
Eat vegetables. n=399	196 (49.1%)	39 (9.8%)	22 (5.5%)	73 (18.3%)	45 (11.3%)	19 (4.8%)	5 (1.3%)
Eat meat. n=393	300 (76.3%)	20 (5.1%)	9 (2.3%)	48 (12.2%)	13 (3.3%)	1 (0.3%)	2 (0.5%)
Eat desserts. n=393	295 (75.1%)	38 (9.7%)	11 (2.8%)	34 (8.7%)	7 (1.8%)	5 (1.3%)	3 (0.8%)