

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

State: Colorado

Total number of participants who completed the questionnaire: 565

Number of participants who completed the English version: 409

Number of participants who completed the Spanish version: 156

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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. 74.7% of 450 participants had an infant in the household who received WIC foods or formula.
2. 78.4% of 389 participants had an infant who received WIC foods or formula in the past 30 days.
3. 98.7% of 456 participants were the primary caregiver for the infant.

4. What is your age?	# of participants	%
17 or younger	17	3.9
18-23	170	39.2
24-29	149	34.3
30-34	57	13.1
35 or older	41	9.4

n=434

5. What is the highest level of education you have completed?	# of participants	%
1 st to 6 th grade	28	6.3
7 th to 9 th grade	38	8.5
10 th to 12 th grade	105	23.6
High School graduate / GED	134	30.1
At least some college	140	31.5

n=445

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6. What is your race?	# of participants	%
White, non-Hispanic	139	24.6
White, Hispanic	190	33.6
Black, non-Hispanic	29	5.1
Black, Hispanic	8	1.4
Native American, non-Hispanic	8	1.4
Native American, Hispanic	27	4.8
Pacific Islander, non-Hispanic	2	0.4
Pacific Islander, Hispanic	6	1.1
Asian, non-Hispanic	12	2.1
Asian, Hispanic	9	1.6
Other	26	4.6
I do not want to answer	11	2.0

n=565

7. What language is spoken most often at home?	# of participants	%
English	272	60.2
Both Spanish and English	56	12.4
Spanish	119	26.3
Other	5	1.1

n=452

Infant Information

8. How old is your infant?	# of participants	%
Less than 1 month old	54	11.9
1 to 2 months old	48	10.6
3 to 4 months old	83	18.3
5 months old	30	6.6
6 months old	61	13.4
7 to 8 months old	67	14.8
9 to 10 months old	84	18.5
11 months old	27	6.0

n=454

9. 55.1% of 454 participants have an infant who is a boy.
10. 44.9% of 454 participants have an infant who is a girl.

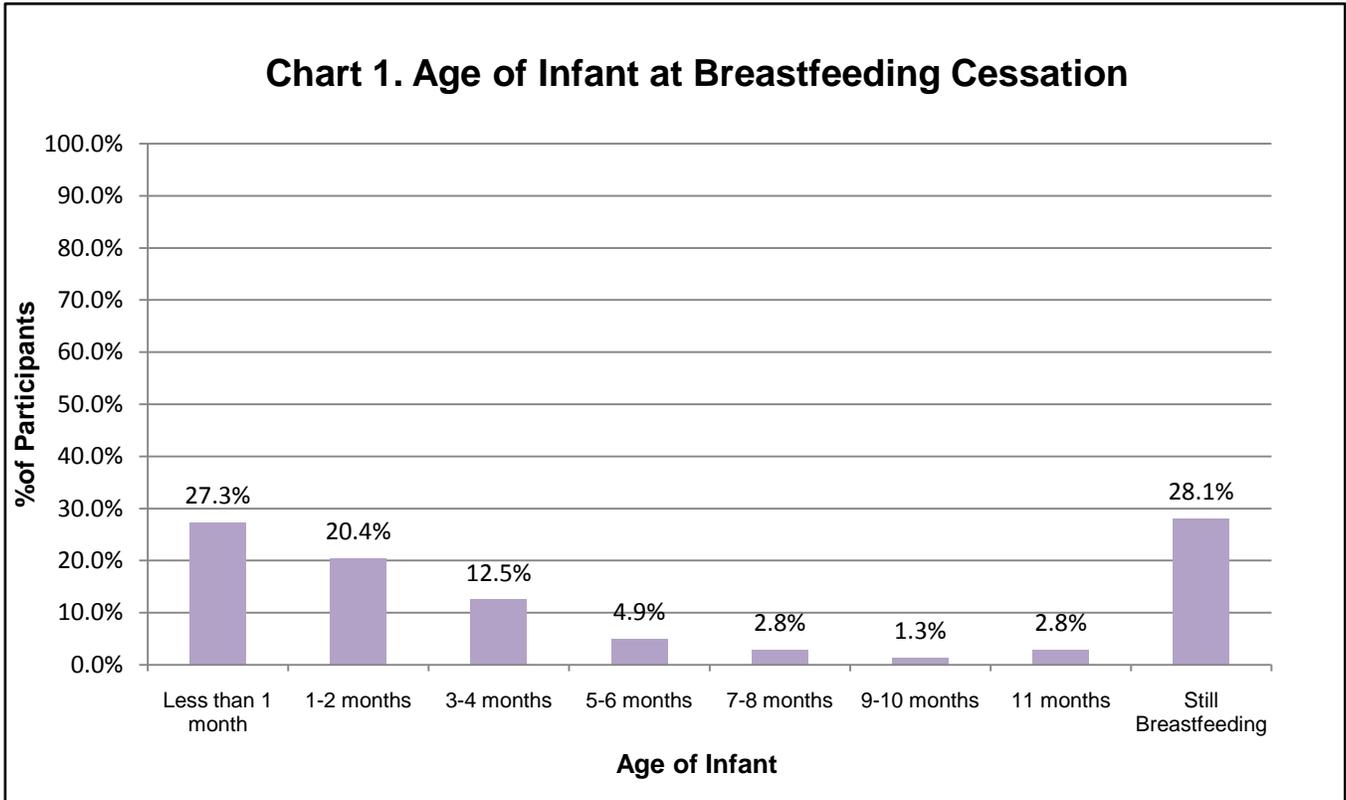
Breastfeeding Status

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

11. 30.4% of 463 participants had an infant who was currently breastfed or given breast milk.
12. 72.9% of 465 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?

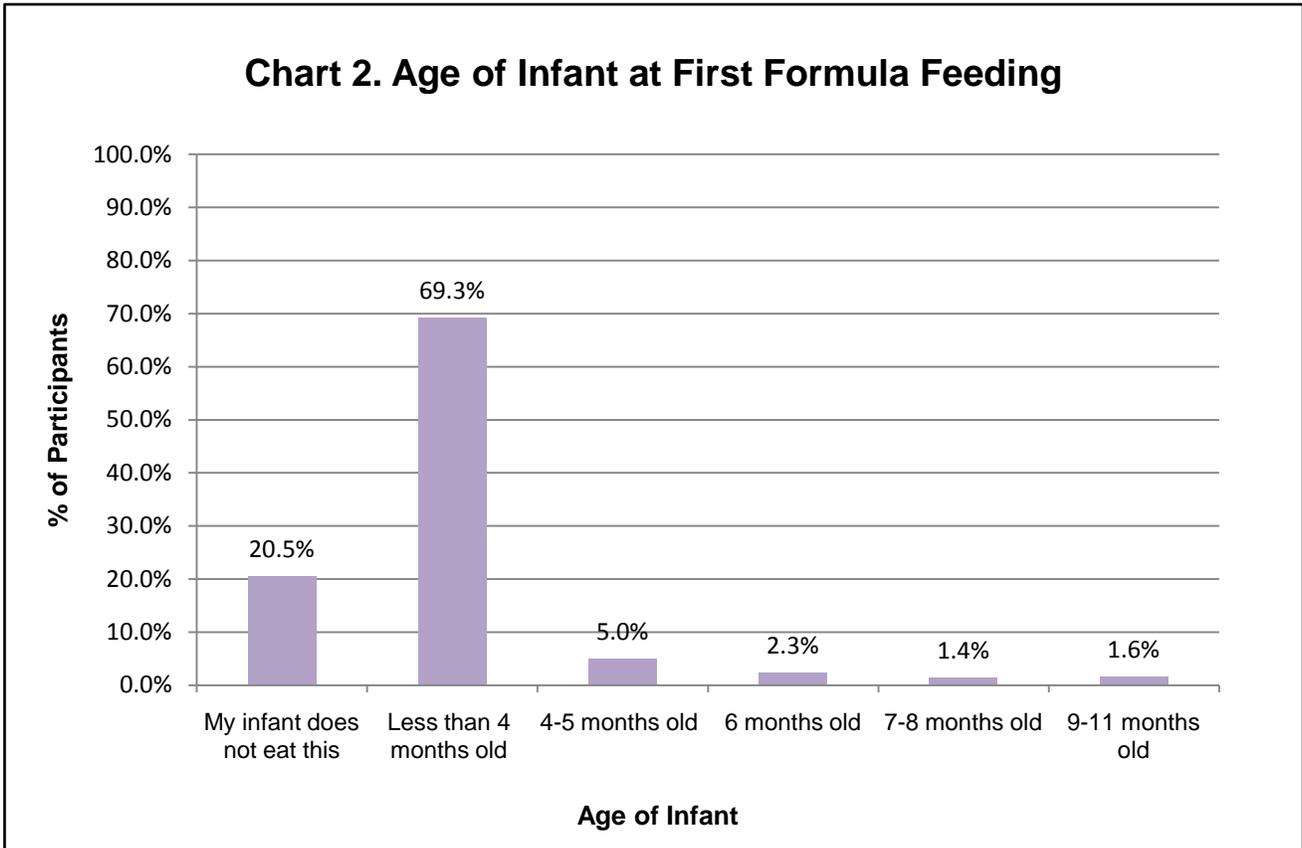


n = 392

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 = 440

15. How many ounces of formula does your infant drink per feeding?	# of participants	%
My infant does not drink formula	55	12.6
1-2 ounces	24	5.5
3-4 ounces	105	24.1
5-6 ounces	156	35.9
7-8 ounces	92	21.2
9 or more ounces	3	0.7

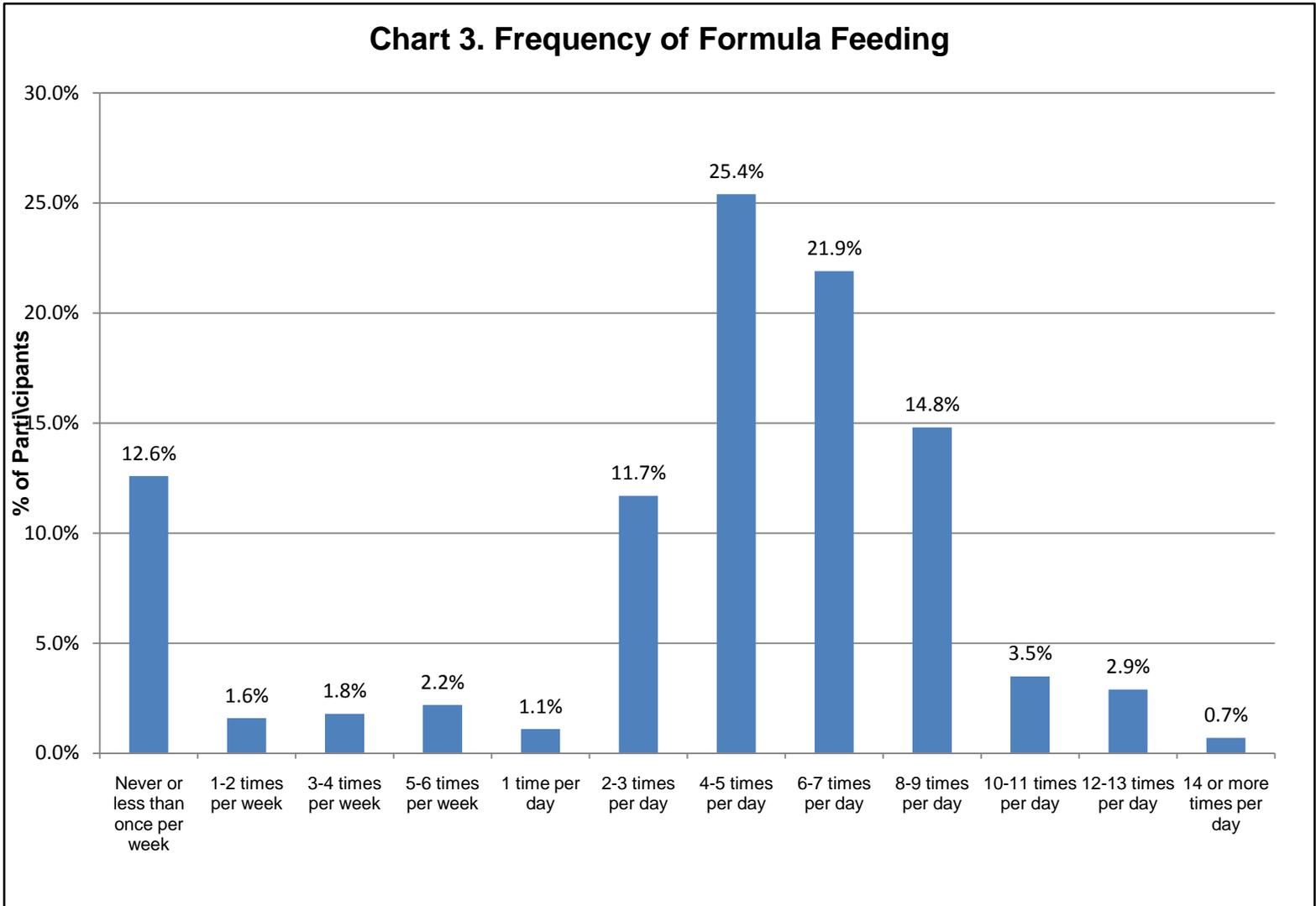
n=435

16. When you run out of WIC formula, what do you usually do?	# of participants	%
Formula does not usually run out	97	22.0
I buy or am given additional formula	256	57.9
I add extra milk to the formula	2	0.4
I add extra cereal to the formula	4	0.9
I add extra water to the formula	2	0.4
I try to give more breast milk	14	3.2
I breastfeed my infant	16	3.6
My infant does not drink formula	51	11.5

n=442

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 = 453

Milk, Juice, and Sweetened Drinks

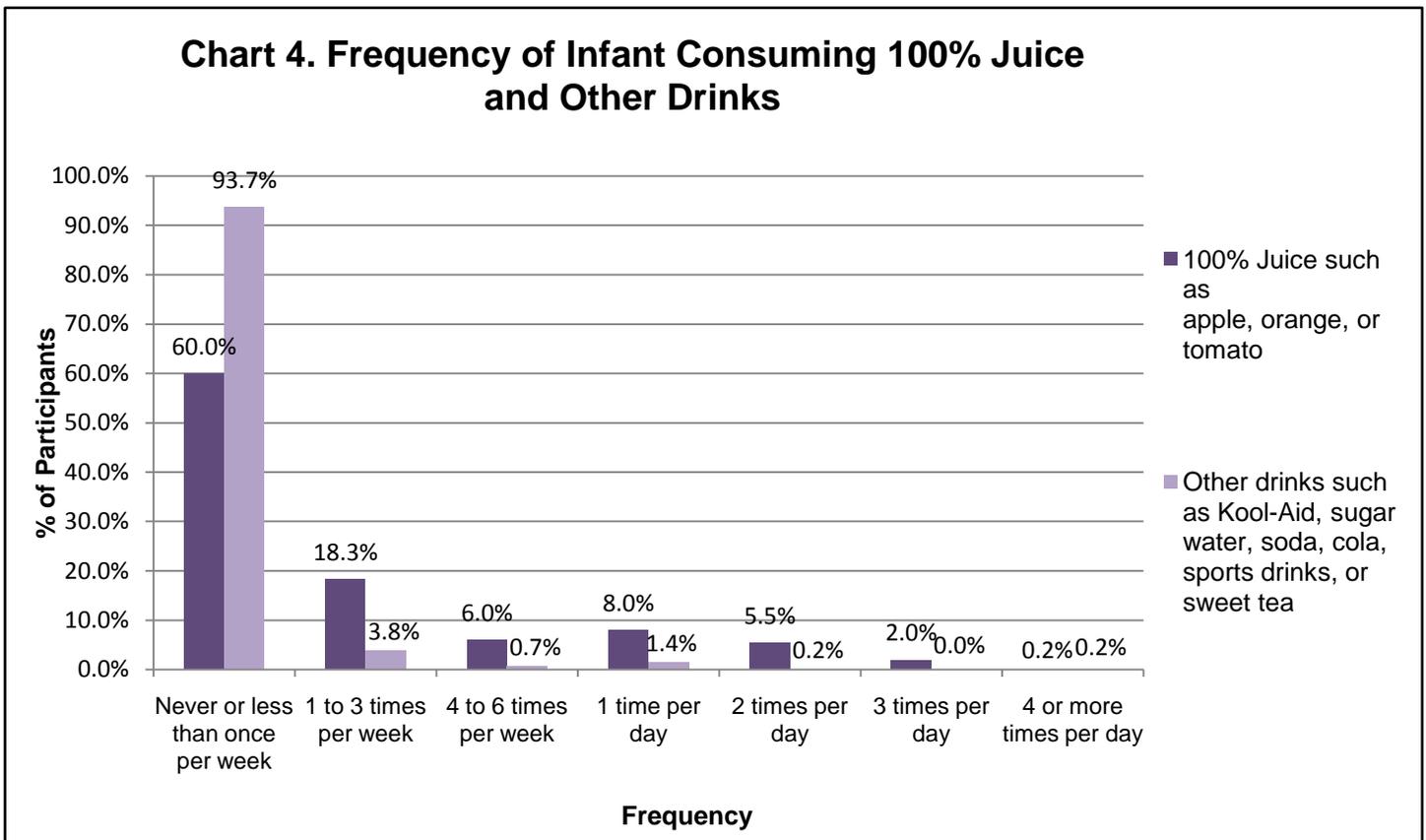
18. How often does your infant do the following?	Never or less than once per week	1 to 3 times per week	4 to 6 times per week	1 time per day	2 times per day	3 times per day	4 or more times per day
	Number (%)						
Drink milk other than breast milk or formula. n=450	380 (84.4%)	16 (3.6%)	3 (0.7%)	5 (1.1%)	7 (1.6%)	9 (2.0%)	30 (6.7%)
Drink soy milk. n=444	420 (94.6%)	6 (1.4%)	1 (0.2%)	1 (0.2%)	1 (0.2%)	1 (0.2%)	14 (3.2%)

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=445	236 (53.0%)	26 (5.8%)	62 (13.9%)	71 (16.0%)	41 (9.2%)	9 (2.0%)
Regular milk. n=436	390 (89.4%)	7 (1.6%)	4 (0.9%)	3 (0.7%)	3 (0.7%)	29 (6.6%)
All other drinks such as Kool-Aid, soda, cola, sport drinks, tea, sugar water, or diet drinks. n=443	402 (90.7%)	6 (1.4%)	3 (0.7%)	14 (3.2%)	7 (1.6%)	11 (2.5%)

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 = 453 for question 20 and n = 445 for question 21

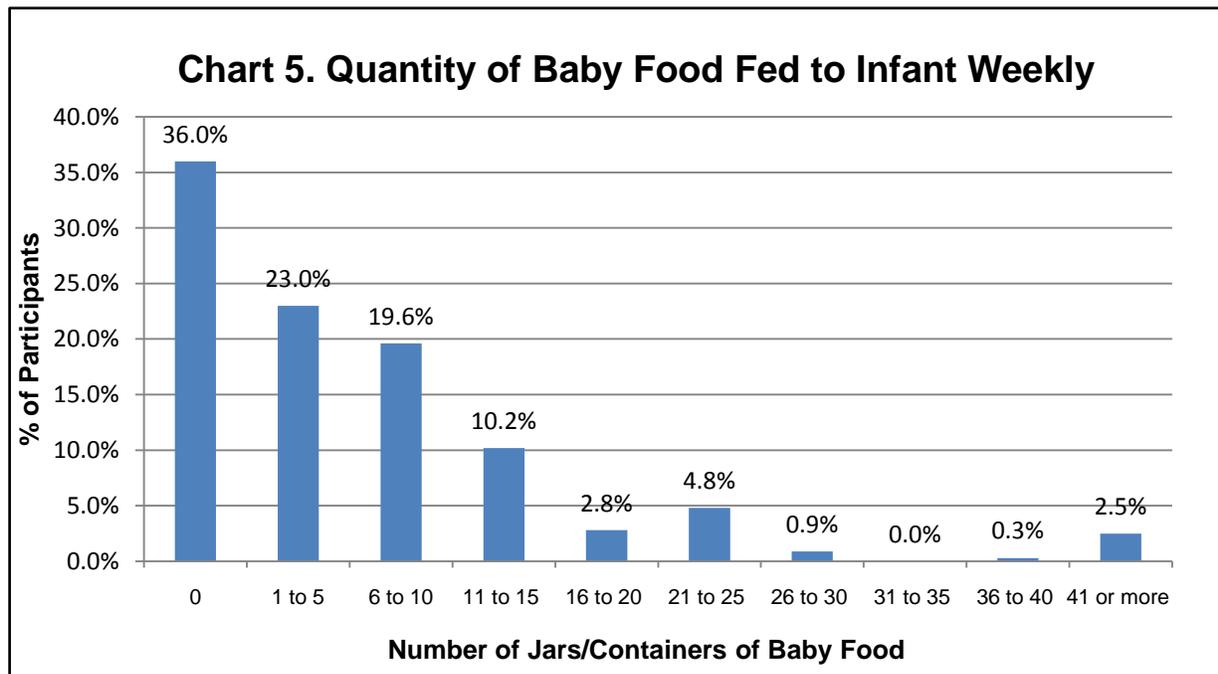
Baby Food

22. What kinds of baby food do you feed your infant?	# of participants	%
I do not feed my infant jars/containers of baby food	157	27.8
Fruits	242	42.8
Vegetables	244	43.2
Cereal	234	41.4
Meats	109	19.3
Dinners	111	19.6
Dessert	83	14.7
Others	21	3.7

n=565

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?



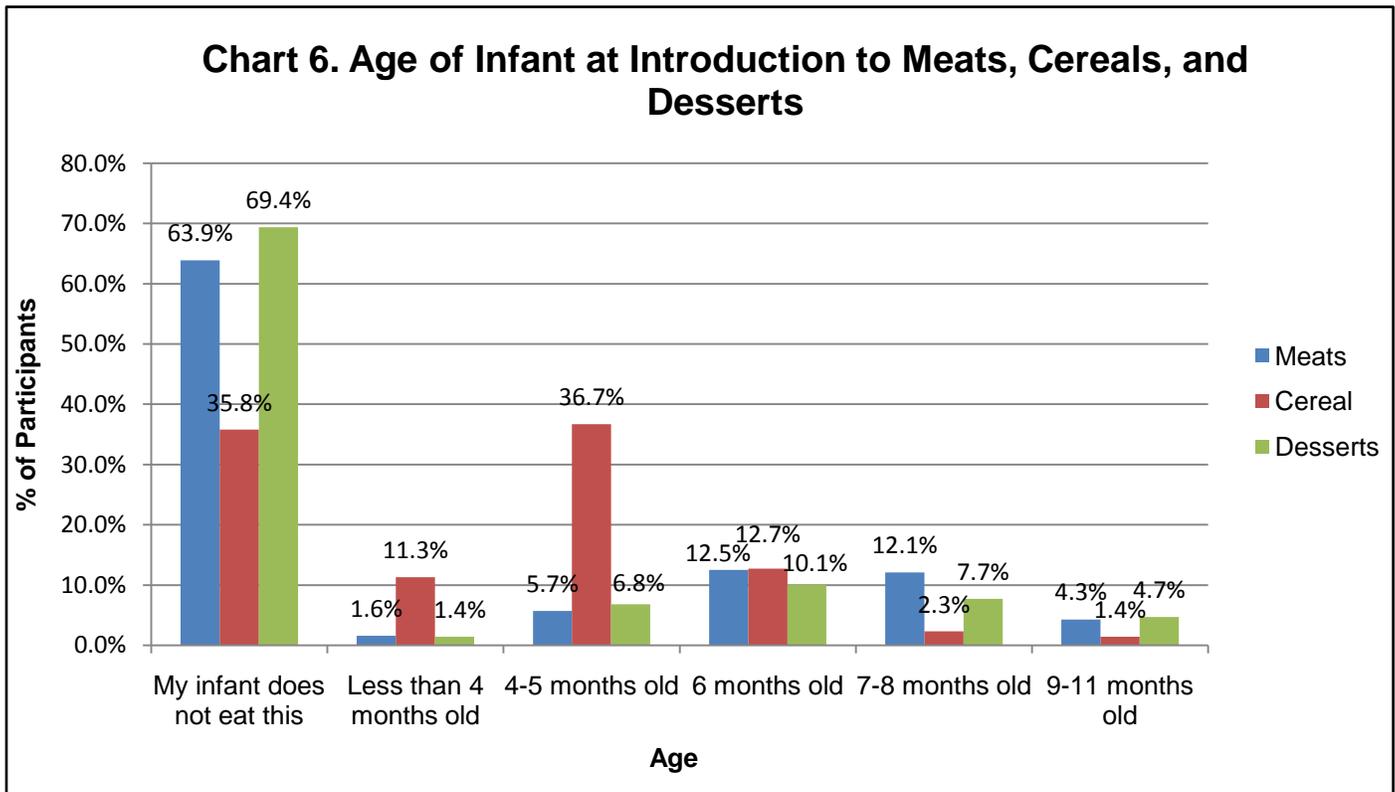
n = 353

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?

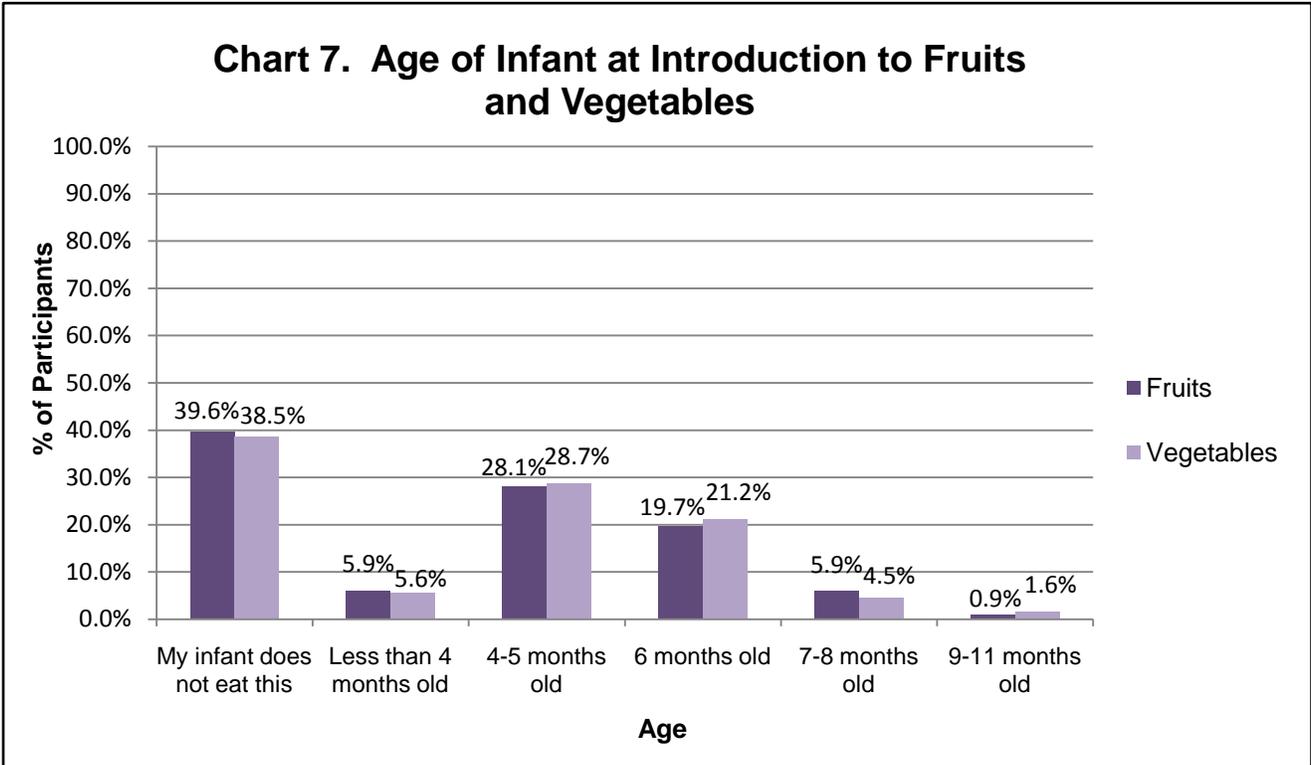
26. At what age did you first feed your infant desserts?



n = 440 for question 24, n = 442 for question 25, and n = 428 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 = 442 for question 27 and n = 449 for question 28

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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=450	185 (41.1%)	64 (14.2%)	39 (8.7%)	94 (20.9%)	48 (10.7%)	11 (2.4%)	9 (2.0%)
Eat fruits. n=443	196 (44.2%)	54 (12.2%)	32 (7.2%)	73 (16.5%)	62 (14.0%)	19 (4.3%)	7 (1.6%)
Eat vegetables. n=454	196 (43.2%)	58 (12.8%)	34 (7.5%)	78 (17.2%)	56 (12.3%)	24 (5.3%)	8 (1.8%)
Eat meat. n=440	299 (68.0%)	38 (8.6%)	17 (3.9%)	51 (11.6%)	24 (5.4%)	6 (1.4%)	5 (1.1%)
Eat desserts. n=441	329 (74.6%)	51 (11.6%)	22 (5.0%)	24 (5.4%)	11 (2.5%)	2 (0.4%)	2 (0.4%)