

Infant Formula Shortage Crisis Survey

Demographics

1) What is your **age** (in years)?

2) What is your **ethnicity**?

- a. Hispanic or Latinx
- b. Not Hispanic or Latinx
- c. Unsure
- d. Decline to answer

3) Which **race** best describes you?

- a. American Indian/Alaska Native
- b. Asian
- c. Native Hawaiian or other Pacific Islander
- d. Black or African American
- e. White (including Middle Eastern populations)
- f. Other (please describe) _____
- g. 2 or more (please describe)

h. Unsure

i. Decline to answer

4) What is the highest level of **education** you have completed?

- a. No schooling completed, or less than 1 year
- b. Nursery, kindergarten, and elementary (grades K-8)
- c. High school (grades 9-12, no degree)
- d. High school graduate (or equivalent)
- e. Some college (1-4 years, no degree)
- f. Associate's degree (including occupational or academic degrees)
- g. Bachelor's degree (BA, BS, etc.)
- h. Master's degree (MA, MS, MEng, MSW, etc.)
- i. Professional or doctorate (MD, DDS, JD, PhD, EdD, etc)
- j. Unsure
- k. Decline to answer

5) What is your **main occupation**?

- a. Agriculture / Farming
- b. Construction
- c. Food Preparation / Food Server / Waiter or Waitress
- d. Health Care Worker / Doctor / Nurse
- e. Janitor / Housekeeper
- f. Laboratory Technician / Scientist
- g. Manufacturing / Factory
- h. Military
- i. Public Safety (Police, Firefighter, Security Guard)
- j. Repair Services / Mechanic / Plumber
- k. Retail / Sales / Cashier
- l. Stay at home parent
- m. Student
- n. Teacher / Teacher's Aid
- o. Warehouse / Stockroom
- p. Work in an office environment
- q. Not employed
- r. Other (please describe) _____
- s. Unsure
- t. Decline to answer

6) What is your current **marital status**?

- a. Married/Unmarried couple
- b. Divorced/Separated
- c. Widowed
- d. Never married
- e. Decline to answer

7) How **many individuals** live in your household? *[A household includes one or several persons who live in the same home and share meals. Include yourself plus any other people who live in your household part- or full-time]*

▼ 1 ... 15

8) What was your **combined household income** before taxes in the past year?

[Please include your income plus the income of all of the people in your household from all sources such as wages, salaries, Social Security or retirement benefits, help from relatives, etc.]

- a. Less than \$25,000
- b. \$25,000 to \$34,999
- c. \$35,000 to \$49,999
- d. \$50,000 to \$74,999
- e. \$75,000 to \$99,999
- f. Greater than \$100,000
- g. Unsure
- h. Decline to answer

9) Have **you or your baby's co-parent** received any **benefits** from the Special Supplemental Nutrition Program for Women, Infants, and Children otherwise known as WIC within the **past 12 months**?

- a. Yes
- b. No
- c. Unsure
- d. Decline to answer

10) In which state do you currently reside?

▼ Alabama ... I do not reside in the United States

11) What is your U.S. zip code

Zip code: _____

12) What is your sex?

[We are asking about your sex to follow-up with questions about your reproductive history]

- a. Female
- b. Male
- c. Intersex
- d. Decline to answer

Questions about your reproductive history

13) How many times have you **ever been pregnant**?

*[Count **all** pregnancies including those that ended in live birth, stillbirth, miscarriage, abortion or a tubal, ectopic, or molar pregnancy. Include pregnancies from other relationships]*

▼ 0 ... 10

14) How many times have you **delivered a live birth**?

[Include children from other relationships]

▼ 0 ... 10

15) Have you delivered a baby(s) within the **past 14 months**?

- a. Yes
- b. No
- c. Unsure
- d. Decline to answer

16) How many babies have you delivered within the **past 14 months**?

[For this question we are asking about the total number of all children you have delivered in the past 12 months including multiples such as twins, triplets, etc.]

▼ 0 ... 4

- 17) Did you deliver more than one baby in the same labor session **within the past 14 months?**
[For this question we are asking if you had twins, triplets, etc.]
- a. Yes
 - b. No
 - c. Unsure
 - d. Decline to answer

Questions about how you are related to your baby

- 18) Approximately how old was your **youngest** baby when the **infant formula shortage became a problem** for you and your family?
[Please answer in weeks OR months only. If you have multiple babies (for example, twins or triplets, etc.) you may answer the same response for all of these babies]
- Weeks: _____
- Months: _____

- 19) How is your **youngest** baby related to you?
- a. I am a biological parent (genetically related)
 - b. I am a non-biological parent (not genetically related)
 - c. I am an adoptive parent
 - d. I am a foster parent
 - e. I am a legal guardian
 - f. I am an informal guardian (taking care of the child for a family member or friend)
 - g. Decline to answer

- 20) Were you pregnant with your **youngest** baby?
- a. Yes
 - b. No
 - c. Decline to answer

- 21) Was your **youngest** baby born by surrogacy?
[Surrogacy involves using another person to carry the pregnancy. For this question we are not asking about the biological relatedness of your baby to you or the co-parent]
- a. Yes
 - b. No
 - c. Decline to answer

- 22) Did you induce lactation with your **youngest** baby?
[New moms who did not carry their child can undergo a process of induced lactation or production of breast milk with breast stimulation through pumping and hormone therapy]
- a. Yes
 - b. No
 - c. Decline to answer

Questions about breastfeeding your baby

- 23) Did your **youngest** baby ever consume **your** breast milk at the breast or by bottle?
- a. Yes
 - b. No
 - c. Unsure
 - d. Decline to answer
- 24) Is your **youngest** baby still consuming **any** of **your** breast milk at the breast or by bottle?
- a. Yes
 - b. No
 - c. Unsure
 - d. Decline to answer
- 25) How old was your **youngest** baby when they stopped consuming **your** breast milk at the breast or by bottle?
- a. Less than 1 week
 - b. Between 2-4 weeks
 - c. Between 1-2 months
 - d. Between 3-4 months
 - e. Between 5-6 months
 - f. Between 7-8 months
 - g. Between 9-10 months
 - h. Between 11-12 months
 - i. Older than 12 months
- 26) Have you tried to relactate (restart breastfeeding) to feed your **youngest** baby **your** breast milk anytime since the start of the infant formula shortage?
- [Relactation is when someone restarts producing breast milk after time has passed. Relactation may occur several days, weeks, months or years after lactating the first time]*
- a. Yes
 - b. No
 - c. Unsure
 - d. Decline to answer
- 27) Were you able to produce **any amount** of breast milk from relactation since the start of the infant formula shortage?
- a. Yes
 - b. No
 - c. Unsure
 - d. Decline to answer
- 28) What is the **most** amount of breast milk in **total ounces** were you able to pump in a 24-hour period from **both breasts combined** from **relactation** since the start of the infant formula shortage?
- [Use your best guess if you are not exactly sure]*
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29) How much did **relactation** meet your **youngest** baby's daily milk needs?

[For this question, move the marker to the percentage number that best represents how much of your baby's daily milk needs were met with relactation. 0% equals relactation did not feed your baby any breast milk, 100% equals relactation fed your baby enough breast milk to meet all of their daily milk needs and 50% is somewhere in the middle]

The percent that relactation met your baby's daily milk needs	
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30) Who has provided you with **guidance or support** on **relactation** to feed your **youngest** baby during the infant formula shortage?

[check all that apply]

- a. Women Infants Children (WIC)
- b. Healthcare providers (doctors, nurses, midwives)
- c. Lactation consultant
- d. Social media (Facebook, Instagram, Twitter, etc.)
- e. Websites by health authorities (CDC, healthcare organizations, etc.)
- f. Blogs
- g. News (TV broadcast, online articles)
- h. Other parents, friends, family
- i. YouTube videos
- j. Other (please describe) _____
- k. ☒ None of the above

31) What **challenges** or **concerns** did you have with **relactation** since the start of the infant formula shortage?

[check all that apply]

- a. Concerned I will not produce enough milk
- b. Concerned I will not have the time to frequently pump my milk
- c. Concerned baby will bite
- d. Concerned by work place will not provide enough break time required for frequent pumping
- e. My friends or family do not support it
- f. I do not think my milk is as good as infant formula
- g. I prefer to have full control of my body and not nurse or pump
- h. I did not have a good breastfeeding experience in the past
- i. I had nipple or breast pain in the past
- j. I do not enjoy breastfeeding
- k. I am embarrassed about breastfeeding
- l. My baby has a medical condition that prevents him from consuming my breast milk
- m. I have a medical condition that prevents me from lactating
- n. I take medicine or drugs that makes my breast milk not recommended for my baby to consume
- o. I have a medical condition that makes my breast milk not recommended for my baby to consume
- p. I don't know how to relactate
- q. I don't know who can guide me to relactate
- r. I can't find information online about how to relactate
- s. My healthcare providers were not helpful when I asked them for guidance on relactation
- t. Other (please describe) _____
- u. ☒ I did not have any challenges or concerns

32) Would you be interested in **free lactation support or guidance** to support your goal to **relactate**?

- a. Yes
- b. No
- c. Unsure
- d. Decline to answer

Questions about your experience feeding your youngest baby

33) What did your **youngest** baby typically eat over **7 days** right before the **infant formula shortage** became a **problem** for you and your family?

[check all that apply]

- a. Breast milk (baby's mother's breast milk)
- b. Donor human milk (from a milk bank)
- c. Breast milk through community sharing (milk from another mother but not from a milk bank)
- d. Infant formula (U.S. brand)
- e. Imported infant formula (International brand)
- f. Homemade infant formula
- g. Watered-down infant formula
- h. Expired infant formula
- i. Cow milk

- j. Watered down cow milk
- k. Evaporative cow milk powder
- l. Goat milk
- m. Watered-down goat milk
- n. Plant-based milks (coconut, almond, oat, soy, rice, cashew, etc.)
- o. Toddler formula
- p. 100% fruit or 100% vegetable juice
- q. Sweet drinks: juice drinks, soft drinks, soda, sweet tea, Kool Aid, etc.
- r. Baby cereal
- s. Other cereals and starches: breakfast cereals, teething biscuits, crackers, breads, pasta, etc.
- t. Fruit (including purees)
- u. Vegetables (including purees)
- v. Meats, chicken, combination dinners (including purees)
- w. Fish or shellfish (including purees)
- x. Eggs
- y. Nut butters or nuts
- z. Sweet foods: candy, cookies, cake, etc.
- aa. Other (please describe) _____

34) What did your **youngest** baby typically eat over **7 days** during the the most challenging time of the **infant formula shortage** for you and your family?

[check all that apply]

- a. Breast milk (baby's mother's breast milk)
- b. Donor human milk (from a milk bank)
- c. Breast milk through community sharing (milk from another mother but not from a milk bank)
- d. Infant formula (U.S. brand)
- e. Imported infant formula (International brand)
- f. Homemade infant formula
- g. Watered-down infant formula
- h. Expired infant formula
- i. Cow milk
- j. Watered down cow milk
- k. Evaporative cow milk powder
- l. Goat milk
- m. Watered-down goat milk
- n. Plant-based milks (coconut, almond, oat, soy, rice, cashew, etc.)
- o. Toddler formula
- p. 100% fruit or 100% vegetable juice
- q. Sweet drinks: juice drinks, soft drinks, soda, sweet tea, Kool Aid, etc.
- r. Baby cereal
- s. Other cereals and starches: breakfast cereals, teething biscuits, crackers, breads, pasta, etc.
- t. Fruit (including purees)
- u. Vegetables (including purees)
- v. Meats, chicken, combination dinners (including purees)
- w. Fish or shellfish (including purees)
- x. Eggs
- y. Nut butters or nuts
- z. Sweet foods: candy, cookies, cake, etc.
- aa. Other (please describe) _____

35) Who has provided you with **guidance or support** in feeding your **youngest** baby during the infant formula shortage?

[check all that apply]

- a. Women Infants Children (WIC)
- b. Healthcare providers (doctors, nurses, midwives)
- c. Lactation consultants
- d. Social media (Facebook, Instagram, Twitter, etc.)
- e. Websites by health authorities (CDC, healthcare organizations, etc.)
- f. Blogs
- g. News (TV broadcast, online articles)
- h. Other parents, friends, family
- i. YouTube videos
- j. Other (please describe) _____
- k. ☒ None of the above

36) Does your **youngest** baby require a **specialty infant formula** due to a medical or metabolic condition?

[Specialty infant formulas are designed to give your baby certain nutrients and assist with certain health or feeding issues. Specialty infant formulas may be recommended by a doctor for food allergies, sensitivities, gastrointestinal concerns, malabsorption, and more]

- a. Yes
- b. No
- c. Unsure
- d. Decline to answer

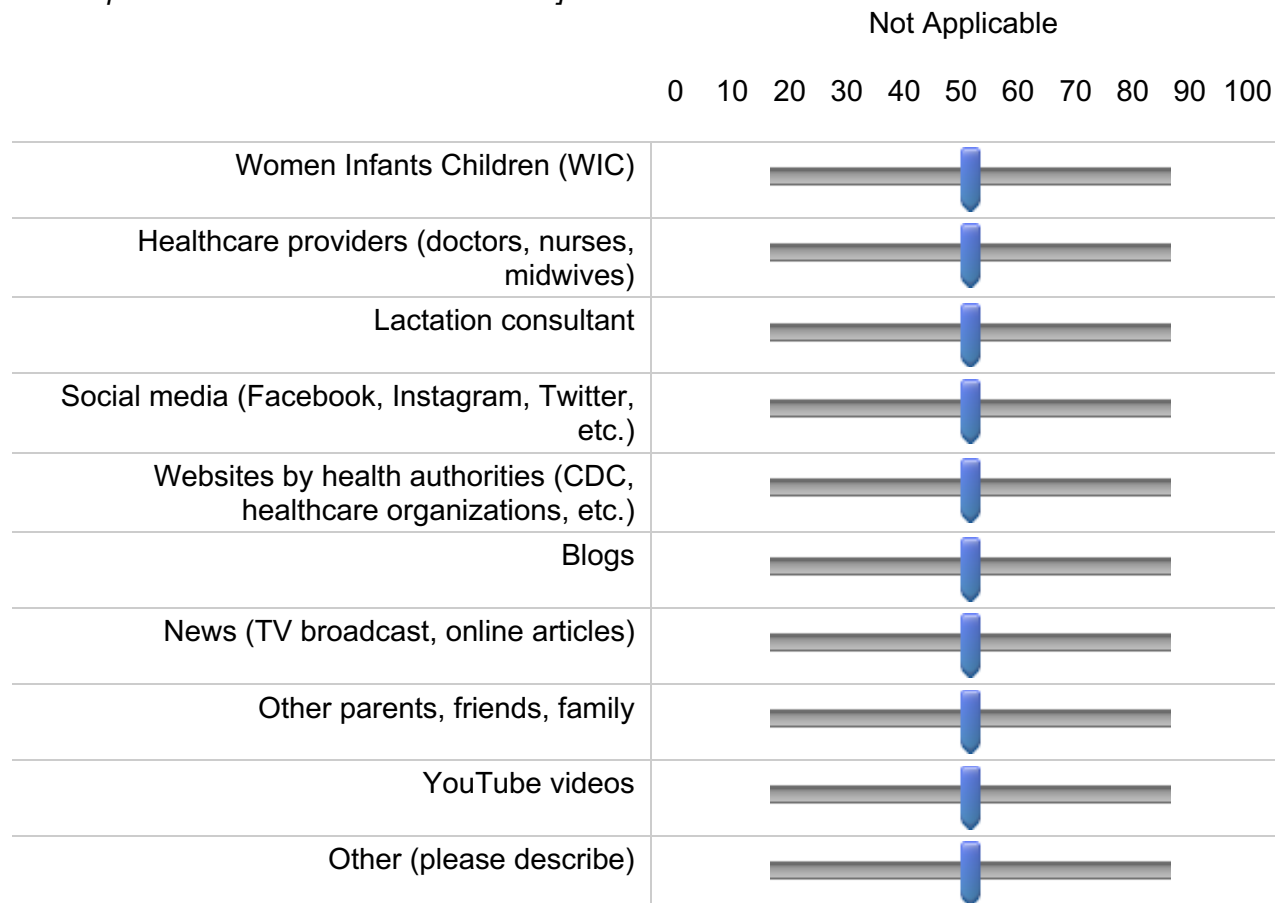
37) What was the **gestational age** of your **youngest** baby at birth?

[For this question we are asking if your baby was born at term which is 37 weeks or later or was born premature which is less than 37 weeks]

- a. Term (born 37 weeks or later)
- b. Preterm (born before 37 weeks)
- c. Unsure
- d. Decline to answer

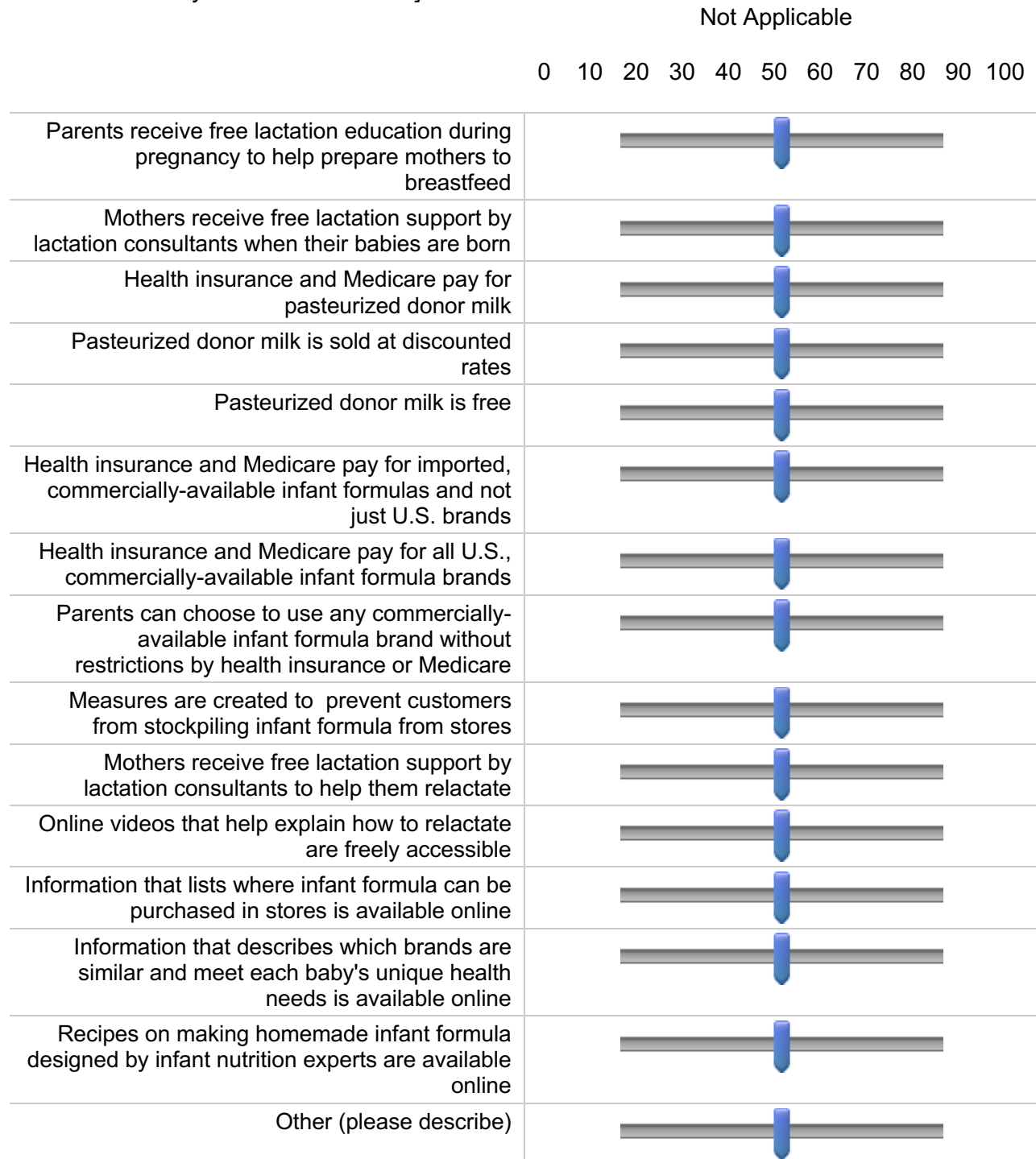
39) Rate how **helpful** the following resources **have been** with providing guidance or support to feed your **youngest** baby in response to the infant formula shortage.

[For this question, move the marker to the percentage number that best represents how helpful each resource was to you. 0% equals not helpful at all, 100% equals most helpful and 50% is somewhere in the middle. Select "not applicable" if you did not have any experiences with the listed resources]



41) How **helpful** do you think the following activities **would be** in **helping families feed their babies** in the near future.

[For this question, move the marker to the percentage number that best represents how helpful each activity could be in helping families feed their babies. 0% equals not helpful at all, 100% equals most helpful and 50% is somewhere in the middle. Select "not applicable" for activities you are unsure about]



42) Please share your thoughts about how you have dealt with the infant formula shortage crisis and the actions you feel should be taken by health authorities, food companies, and the government that could help you feed your baby during this crisis and prevent future crises. Write "none" if you do not wish to leave a comment.
