

II. Hypercaloric Formulas for Preterm, Low Birth Weight and Failure to Thrive Infants

Preterm formulas are available in 20, 22 or 24 calorie per ounce formulations.

- Very low birth weight infants who are not breastfed or who need a formula supplement after discharge from the hospital may have a prescription for a preterm 24 calorie formula. **Intake should be monitored closely as fat soluble vitamin intake can be excessive as intake increases.**
- **Hypercaloric premature formulas are not intended for feeding low-birth weight infants after they reach a certain weight (between 5.5 – 8 pounds, depending on formula). See indications for each formula below.**
- Transition preterm formulas are available in 22 calorie per ounce formulations. These formulas contain higher levels of protein and other nutrients, including calcium and phosphorus, for optimal growth and development. The AAP recommends use of transition preterm formulas until the infant reaches a postnatal age of 9 months.

Hypercaloric ready to feed 24 calorie per ounce formula is also available for term infants needing a higher concentration of calories. This form of formula may be requested if the prescriber has concluded there are concerns about the correct caloric concentration being mixed by the infant's caretaker.

All preterm and hypercaloric formulas must be prescribed by a licensed health care provider prior to issuance. According to WIC Federal Regulations (7 CFR, Part 246), monthly formula issuance amounts are based on infant age, feeding choice (partially breastfed or fully formula fed) and form of formula (powder, concentrate, ready to feed). Partially breastfed infants needing supplemental formula may receive a maximum of one can of powdered formula in the first thirty (30) days of life, and will have monthly issuance tailored according to individual need throughout the rest of the first year. WIC maximum formula issuance amounts for all infant age groups, feeding choices and forms of formula are included for each item listed.

For WIC participants who are enrolled in the MaineCare program: Preterm and low birth weight formulas will be provided by WIC up to the federal maximum issuance per month. Any medically necessary amounts needed over WIC's federal maximum will be provided by MaineCare.

If the infant is not enrolled in MaineCare, the Maine CDC WIC Nutrition Program will provide the formula in amounts not to exceed the federal maximum issuance per month.

Prescriptions for these formulas must include:

- **specific formula name**
- **diagnosis**
- **length of time the product is needed**
- **amount of formula prescribed per day**

Health care providers may use the **Maine CDC WIC Nutrition Program/MaineCare Request/Prior Authorization for Medical Formula/WIC-Eligible Nutritionals** form to obtain approval and prior authorization for MaineCare coverage. **This form must be sent to the WIC office first in order for MaineCare to approve coverage of the formula prescribed.**

Preterm and Low Birth Weight Formulas – 22 calories/ounce																																									
Product Name	Description	Packaging	Composition	Indications	Maximum Monthly WIC Issuance Amounts																																				
Enfamil® EnfaCare® (Mead Johnson Nutritionals)	Milk-based infant formula designed with extra nutrients for premature or low birth weight infants. 20% of fat from MCT Whey:Casein = 80:20 Contains no known sources of gluten	Powder: 12.8 oz. cans, 6 cans/case (use unpacked scoops) Reconstitution: 82 fl. oz at standard dilution NDC: 0087-0019-44 Ready to Feed Liquid: 8 fl. oz bottles in 6-packs, 24 bottles/case NDC: 0087-5102-98 -OR- 2 oz. nursettes, 48 nursettes/case NDC: 0087-1390-41	CHO: corn syrup solids, lactose (powder); maltodextrin, lactose (RTU) PRO: nonfat milk, whey protein concentrate FAT: high oleic sunflower , soy, MCT, coconut, M. alpina and C. cohnii oils Contains vitamins and minerals More calcium and phosphorus than standard formula but less than Enfamil Premature products Standard Dilution: 22 cal./fl. oz. Osmolality= 230 mOsm/kg H ₂ O (RTF), 310 mOsm/kg H ₂ O (powder)	For premature infants with higher caloric needs. Typically used during the first year of life for premature infant after reaching 1800 grams (4 pounds).	<table border="1"> <thead> <tr> <th>Non-breastfed infants</th> <th>0-3 months</th> <th>4-5 months</th> <th>6-11 months</th> </tr> </thead> <tbody> <tr> <td>Powder: 12.8 oz.</td> <td>10 cans</td> <td>11 cans</td> <td>8 cans</td> </tr> <tr> <td>RTF (8 oz. in 6-packs)</td> <td>17 6-packs</td> <td>19 6-packs</td> <td>13 6-packs</td> </tr> <tr> <td>RTF (2 oz.)</td> <td>416 nursettes</td> <td>456 nursettes</td> <td>321 nursettes</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <th>Partially breastfed infants</th> <th>1-3 months</th> <th>4-5 months</th> <th>6-11 months</th> </tr> <tr> <td>Powder: 12.8 oz.</td> <td>5 cans</td> <td>6 cans</td> <td>4 cans</td> </tr> <tr> <td>RTF (8 oz. in 6-packs)</td> <td>8 6-packs</td> <td>9 6-packs</td> <td>7 6-packs</td> </tr> <tr> <td>RTF (2 oz.)</td> <td>192 nursettes</td> <td>237 nursettes</td> <td>169 nursettes</td> </tr> </tbody> </table>	Non-breastfed infants	0-3 months	4-5 months	6-11 months	Powder: 12.8 oz.	10 cans	11 cans	8 cans	RTF (8 oz. in 6-packs)	17 6-packs	19 6-packs	13 6-packs	RTF (2 oz.)	416 nursettes	456 nursettes	321 nursettes					Partially breastfed infants	1-3 months	4-5 months	6-11 months	Powder: 12.8 oz.	5 cans	6 cans	4 cans	RTF (8 oz. in 6-packs)	8 6-packs	9 6-packs	7 6-packs	RTF (2 oz.)	192 nursettes	237 nursettes	169 nursettes
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Similac® Expert Care™ NeoSure® (Abbott Nutrition)	Milk based, iron-fortified, nutritionally complete, post-discharge infant formula designed for babies who were born prematurely. Gluten-free Kosher Halal	Powder: 13.1 oz. cans, 6 cans/case (use unpacked level scoops) Reconstitution: 87 fl. oz. at standard dilution NDC: 70074-0574-31 Ready to Feed liquid: 32 oz. bottles, 6 bottles/case NDC: 70074-0574-56 -OR- 2 oz. nursettes, 48 nursettes/case NDC: 70074-0596-46	CHO: corn syrup solids, lactose PRO: nonfat milk, whey protein concentrate FAT: soy, high oleic safflower, coconut, MCT, and M. alpina and C. cohnii oils ; no high oleic safflower oil in the 2 oz RTF nursettes Contains vitamins and minerals More calcium and phosphorus than standard formula by less than Similac Special Care products Standard dilution: 22 cal./fl.oz. Osmolality= 250 mOsm/kg H ₂ O	For premature infants post-discharge for the first year of life.	<table border="1"> <thead> <tr> <th>Non-breastfed infants</th> <th>0-3 months</th> <th>4-5 months</th> <th>6-11 months</th> </tr> </thead> <tbody> <tr> <td>Powder: 13.1 oz</td> <td>10 cans</td> <td>11 cans</td> <td>8 cans</td> </tr> <tr> <td>RTF: 32 oz</td> <td>26 bottles</td> <td>28 bottles</td> <td>20 bottles</td> </tr> <tr> <td>RTF: 2 oz</td> <td>416 nursettes</td> <td>456 nursettes</td> <td>321 nursettes</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <th>Partially breastfed infants</th> <th>1-3 months</th> <th>4-5 months</th> <th>6-11 months</th> </tr> <tr> <td>Powder: 13.1 oz</td> <td>5 cans</td> <td>6 cans</td> <td>4 cans</td> </tr> <tr> <td>RTF 32 oz</td> <td>12 bottles</td> <td>14 bottles</td> <td>10 bottles</td> </tr> <tr> <td>RTF 2 oz</td> <td>192 nursettes</td> <td>237 nursettes</td> <td>169 nursettes</td> </tr> </tbody> </table>	Non-breastfed infants	0-3 months	4-5 months	6-11 months	Powder: 13.1 oz	10 cans	11 cans	8 cans	RTF: 32 oz	26 bottles	28 bottles	20 bottles	RTF: 2 oz	416 nursettes	456 nursettes	321 nursettes					Partially breastfed infants	1-3 months	4-5 months	6-11 months	Powder: 13.1 oz	5 cans	6 cans	4 cans	RTF 32 oz	12 bottles	14 bottles	10 bottles	RTF 2 oz	192 nursettes	237 nursettes	169 nursettes
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Similac Special Care 20 (Abbott Nutrition)	Iron-fortified infant formula for low-birth-weight and premature infants Gluten-free Kosher Halal	Ready to Feed: 2 fl. oz. nursettes, 48 nursettes/case NDC: 70074-0562-65	CHO: corn syrup solids, lactose PRO: nonfat milk, whey protein concentrate FAT: MCT, soy, coconut, M. alpina and C. cohnii oils Contains vitamins and minerals Prepared dilution: 20 cal./fl. oz. Osmolality = 235 mOsm/kg H ₂ O	Not intended for feeding low birth weight babies after they reach a weight of 3600 grams (approx. 8 pounds)	<table border="1"> <thead> <tr> <th>Non-breastfed infants</th> <th>0-3 months</th> <th>4-5 months</th> <th>6-11 months</th> </tr> </thead> <tbody> <tr> <td>RTF (2 oz.)</td> <td>416 nursettes</td> <td>456 nursettes</td> <td>321 nursettes</td> </tr> </tbody> </table>	Non-breastfed infants	0-3 months	4-5 months	6-11 months	RTF (2 oz.)	416 nursettes	456 nursettes	321 nursettes
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Enfamil Premature 24 Cal with Iron (Mead Johnson Nutritionals)	Milk-based, iron- fortified infant formula for premature or low- birth-weight infants. 40% of fat from MCT oil Whey:Casein = 80:20	Ready to Feed: 2 fl. oz. nursettes; 48 nursettes/case NDC: 0087-139341	CHO: corn syrup solids, lactose PRO: nonfat milk, whey protein concentrate FAT: MCT, soy, high oleic sunflower , M. alpina and C. cohnii oils Contains vitamins and minerals Prepared dilution: 24 cal./fl. oz Osmolality = 320 mOsm/kg H₂O	Premature infants with special problems relating to prematurity who need more calories for optimal growth and development. When >12 oz. of formula is consumed/day, which may occur in infants >5.5 pounds, intake of some nutrients (e.g., fat-soluble vitamins) may be excessive.	<table border="1"> <thead> <tr> <th colspan="4">Non-breastfed infants</th> </tr> <tr> <th>0-3 months</th> <th>4-5 months</th> <th colspan="2">6-11 months</th> </tr> </thead> <tbody> <tr> <td>RTF 2 oz.</td> <td>416 nursettes</td> <td>456 nursettes</td> <td>321 nursettes</td> </tr> <tr> <td colspan="4"> </td> </tr> <tr> <th colspan="4">Partially breastfed infants</th> </tr> <tr> <th>1-3 months</th> <th>4-5 months</th> <th colspan="2">6-11 months</th> </tr> <tr> <td>RTF 2 oz.</td> <td>192 nursettes</td> <td>237 nursettes</td> <td>169 nursettes</td> </tr> </tbody> </table>	Non-breastfed infants				0-3 months	4-5 months	6-11 months		RTF 2 oz.	416 nursettes	456 nursettes	321 nursettes					Partially breastfed infants				1-3 months	4-5 months	6-11 months		RTF 2 oz.	192 nursettes	237 nursettes	169 nursettes
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Similac Special Care 24 (Abbott Nutrition)	Iron-fortified infant formula for low birth weight and premature infants Gluten-free Kosher Halal	Ready to Feed: 2 fl. oz. nursettes, 48 nursettes/case NDC: 70074-056270	CHO: corn syrup solids, lactose PRO: nonfat milk, whey protein concentrate FAT: MCT, soy, coconut, M. alpina and C. cohnii oils Contains vitamins and minerals Prepared dilution: 24 cal./fl. oz Osmolality = 280 mOsm/kg H₂O	Not intended for feeding low birth weight babies after they reach a weight of 3600 grams (approx. 8 pounds)	<table border="1"> <thead> <tr> <th colspan="4">Non-breastfed infants</th> </tr> <tr> <th>0-3 months</th> <th>4-5 months</th> <th colspan="2">6-11 months</th> </tr> </thead> <tbody> <tr> <td>RTF 2 oz.</td> <td>416 nursettes</td> <td>456 nursettes</td> <td>321 nursettes</td> </tr> <tr> <td colspan="4"> </td> </tr> <tr> <th colspan="4">Partially breastfed infants</th> </tr> <tr> <th>1-3 months</th> <th>4-5 months</th> <th colspan="2">6-11 months</th> </tr> <tr> <td>RTF 2 oz.</td> <td>192 nursettes</td> <td>237 nursettes</td> <td>169 nursettes</td> </tr> </tbody> </table>	Non-breastfed infants				0-3 months	4-5 months	6-11 months		RTF 2 oz.	416 nursettes	456 nursettes	321 nursettes					Partially breastfed infants				1-3 months	4-5 months	6-11 months		RTF 2 oz.	192 nursettes	237 nursettes	169 nursettes
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Hypercaloric Formulas for Term Infants – 24 calories/ounce																					
Product Name	Description	Packaging	Composition	Indications	Maximum Monthly WIC Issuance Amounts																
Enfamil® 24 (Mead Johnson Nutritionals)	Milk-based, iron-fortified formula designed to provide a higher calorically dense product for term newborns Whey:Casein ratio: 80:20	Ready to Feed: 2 fl.oz. nursettes; 48 nursettes/case NDC: 0087-510823	CHO: lactose, polydextrose, galactooligosaccharides PRO: nonfat milk, whey protein concentrate FAT: palm olein, soy, coconut, high oleic sunflower, M. alpina and C. cohnii oils Contains vitamins and minerals Prepared dilution: 24 cal./fl.oz Osmolality = 370 mOsm/kg H ₂ O	Term formula intended for newborns with feeding problems who need more calories for optimal growth and development.	<table border="1"> <thead> <tr> <th colspan="4">Non-breastfed infants</th> </tr> <tr> <th></th> <th>0-3 months</th> <th>4-5 months</th> <th>6-11 months</th> </tr> </thead> <tbody> <tr> <td>RTF (2 oz.)</td> <td>416 nursettes</td> <td>456 nursettes</td> <td>321 nursettes</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Non-breastfed infants					0-3 months	4-5 months	6-11 months	RTF (2 oz.)	416 nursettes	456 nursettes	321 nursettes				
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Similac with Iron 24 (Abbott Nutrition)	Milk-based, iron-fortified formula for term infants needing increased caloric-density feedings Gluten Free Kosher Halal	Ready to Feed: 2 fl. oz. nursettes, 48 nursettes/case NDC: 70074-0630-75	CHO: lactose PRO: nonfat milk, whey protein concentrate FAT: high oleic safflower, soy, and coconut oils Contains vitamins and minerals Prepared dilution: 24cal/fl. oz. Osmolality = 380 mOsm/kg H ₂ O	Hypercaloric formula for term infants needing increased caloric density feeding	<table border="1"> <thead> <tr> <th colspan="4">Non-breastfed infants</th> </tr> <tr> <th></th> <th>0-3 months</th> <th>4-5 months</th> <th>6-11 months</th> </tr> </thead> <tbody> <tr> <td>RTF (2 oz.)</td> <td>416 nursettes</td> <td>456 nursettes</td> <td>321 nursettes</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Non-breastfed infants					0-3 months	4-5 months	6-11 months	RTF (2 oz.)	416 nursettes	456 nursettes	321 nursettes				
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