

Typical Formula Consumption Amounts: Healthy Term Infants

Table 1 provides estimated typical consumptions of extensively hydrolyzed and amino acid-based formulas by healthy term infants. This may assist pharmacy in determining amounts needed for these formulas.

As is possible, an attempt should be made to provide equitable amounts of formula to all families. Things to consider when allocating formula that may increase allotment:

- Situations that limit the ability of the family to access formula. This may include distance travelled, access to transportation, and social economic barriers.
- Whether the infant is requiring a higher concentration of infant formula than the standard 20 kcal/oz.
- Whether the infant is tube fed which would require additional formula for priming the lines and potential loss due to manipulation of tubing.

Consider when allocating formula that may decrease allotment:

- Whether the infant is receiving mixed breastmilk and formula feeding, which may decrease the total amount of formula required.

Contact enteral.nutrition@ahs.ca or a local outpatient dietitian if additional assistance is needed.

For registered dietitian referrals see **Nutrition Counselling–Pediatric** on the [Alberta Referral Directory](#).

Table 1. Estimated Consumption of Extensively Hydrolyzed Formulas and Amino Acid-Based Formulas for Infants Under 12 Months of Age

Formula	Can size	Yield (L / oz*)	Source	Consumption based on 20–39 oz ¹ /day at standard 20 kcal/oz dilution		
				1 can lasts (days)	# cans/ week	# cans/ mo**
Liquid Ready-to-Feed						
Similac® Alimentum®	237 mL	0.237 L / 8 oz	Abbott® Pediatric Nutritional Products Guide 2021	0.2–0.4	17–34	78–146
Similac® Alimentum® with 2'-FL (US) [†]	946 mL	0.946 L / 32 oz	Similac® English/French Label for Similac® Alimentum®	0.8–1.6	4–8	19–38

Formula	Can size	Yield (L / oz*)	Source	Consumption based on 20–39 oz ¹ /day at standard 20 kcal/oz dilution		
				1 can lasts (days)	# cans/ week	# cans/ mo ^{**}
Liquid Concentrate						
Enfamil [®] Nutramigen [®] † liquid concentrate (US)	384 mL	0.768 L / 26 oz	Enfamil[®] English/French Label for Enfamil[®] Nutramigen[®] for Hypoallergenic Infant Formula with Iron	0.7–1.3	5–11	24–47
Powdered Infant Formula						
Similac [®] Alimentum [®]	400 g	3.09 L / 104 oz	Abbott[®] Pediatric Nutritional Products Guide 2021	2.5–5	1–3	6–12
Puramino A+ [®]	400 g	2.89 L / 98 oz	Mead Johnson[®] Nutrition Pediatric Products Handbook 2021			
Neocate [®] Infant DHA/ARA	400 g	2.846 L / 96oz	Nutricia[®] Neocate[®] DHA & ARA Infant Formula: 0-12 Months			
Gerber [®] Good Start [®] Extensive HA [®] (Netherlands) †	400 g	2.573 L / 87 oz	Gerber[®] English/French Label for Gerber[®] Good Start[®] Extensive HA[®] for Milk Intolerance & Allergy	2.2–4.4		
Nutramigen [®] A+ [®]	454 g	3.03 L / 102 oz	Mead Johnson[®] Nutrition Pediatric Products Handbook 2021	2.6–5.1		
Pregestimil [®] A+ [®]	454 g	3.06 L / 103 oz		2.6–5.2		
Nutramigen [®] A+ [®] LGG [®]	561 g	3.74 L / 126 oz		3.2– 6.2	1–2	5–10

*1 fluid oz = 29.57 mL

**1 month = 31 days

† = Temporary approval for use in Canada until December 2022.

References

1. Alberta Health Services. How much infant formula to prepare for baby. 2019. [cited 2022 Jun 7]; Available from: <https://www.albertahealthservices.ca/assets/info/nutrition/if-nfs-how-much-infant-formula-to-prepare-for-baby.pdf>
2. Health Canada. Interim policy on the importation and sale of infant formulas, human milk fortifiers (HMF) and metabolic products for inborn errors of metabolism to mitigate shortages. 2022. [cited 2022 Jun 7]. Available from: <https://www.canada.ca/en/health-canada/services/food-nutrition/legislation-guidelines/policies/interim-policy-importation-sale-infant-formula-human-milk-fortifiers-metabolic-products.html>