

Kitten Bottle Feeding and Stomach Capacity Chart

Estimated Kitten Age (weeks)	Kitten Weight (lbs, oz)	Kitten Weight (grams)	Daily Caloric Requirement*	Amount of Formula Per Day (ml)**	Amount Per Feeding (ml)*	Approximate Number of Feedings Per Day***
< 1 week	2 oz	57 g	11 kcal	15 ml	2 ml	7
	3 oz	85 g	17 kcal	23 ml	3 ml	7
	4 oz	113 g	23 kcal	31 ml	5 ml	7
1 week	5 oz	142 g	28 kcal	38 ml	6 ml	7
	6 oz	170 g	34 kcal	46 ml	7 ml	7
	7 oz	198 g	40 kcal	54 ml	8 ml	7
	8 oz	227 g	45 kcal	61 ml	9 ml	7
2 weeks	9 oz	255 g	51 kcal	69 ml	10 ml	7
	10 oz	283 g	57 kcal	77 ml	11 ml	7
	11 oz	312 g	62 kcal	84 ml	12 ml	6-7
3 weeks ⁺	12 oz	340 g	68 kcal	92 ml	14 ml	6-7
	13 oz	369 g	74 kcal	100 ml	15 ml	6
	14 oz	397 g	79 kcal	107 ml	16 ml	5
	15 oz	425 g	85 kcal	115 ml	17 ml	5
4 weeks ⁺	16 oz (1 lb)	454 g	91 kcal	123 ml	18 ml	5
	1 lb, 1 oz	482 g	96 kcal	130 ml	19 ml	4
	1 lb, 2 oz	510 g	102 kcal	138 ml	20 ml	4
	1 lb, 3 oz	539 g	108 kcal	146 ml	22 ml	4
5 weeks ⁺	1 lb, 4 oz	567 g	113 kcal	153 ml	23 ml	4

* The daily caloric requirement was calculated using 20 kcal/100 g body weight and the amount per feeding using 4 ml/100 g body weight. The energy requirement is ~20-26 kcal/100g body weight daily and the maximum comfortable stomach capacity is ~4 ml/100 g body weight.¹

** Concentration 0.74 kcal/ml. Most commercial kitten milk replacers in the US provide less than 1 kcal/ml (0.74 kcal/ml), acting to increase the volume of milk required to meet caloric needs. This can be problematic in terms of the number and size of feedings given relative to stomach capacity and more likely to result in gastrointestinal disturbances. This may also account for why bottle fed kittens grow slower than kittens that nurse off a mother.

*** As the kitten is adjusting well to the milk and the feeding volume, you may be able to increase the volume fed to help reduce the number of feedings per day. Be aware that exceeding the stomach capacity (amount per feeding) may put the kitten at risk of aspiration, vomiting, diarrhea, and gas build-up in the stomach and intestines.

⁺ Kittens at this age (3 ½ -5 weeks) are usually eating some solid food, decreasing the amount of milk replacer required to meet daily caloric requirements. This may result in less frequent milk feedings.

Cited reference:

¹ Lawler, D. F. "Neonatal and pediatric care of the puppy and kitten." *Theriogenology*, vol. 70, no.3, 2008, pp. 384-392.

Additional references:

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Zambelli, Daniele. "Feline Neonatal Physiology, Behavior, and Socialization." *Management of Pregnant and Neonatal Dogs, Cats, and Exotic Pets*, edited by Cheryl Lopate, John Wiley and Sons, Inc., 2012, pp.145-158.



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