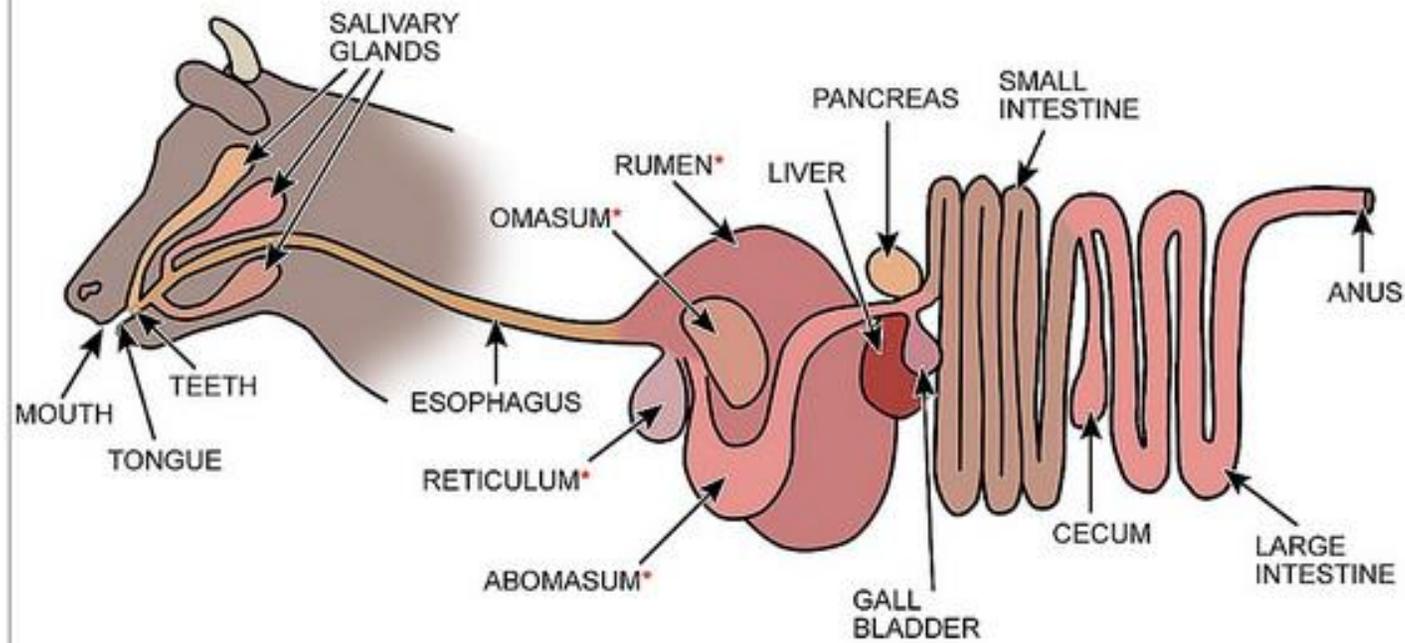


Cow Digestive System

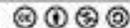


* Specialized type of stomach

Inspired by digestive system diagrams in Burton, L.D. and G.L. Cooper. 2007. *Agriscience: Fundamentals and Applications*, 4th ed. Delmar Learning, Clifton Park, New York.

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Digestive Tract - Poultry

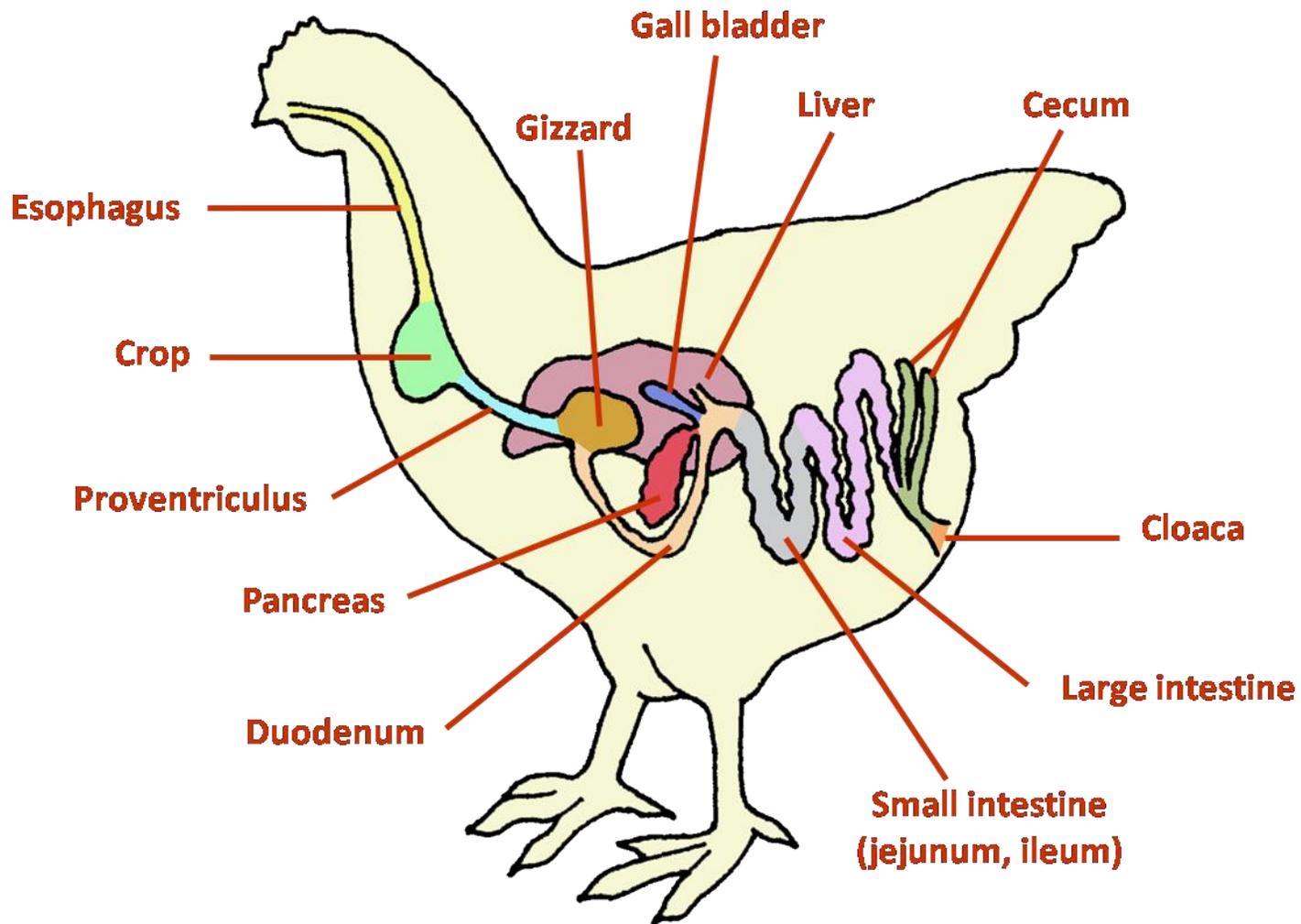


Table 5-3 Capacities of the Digestive System of Selected Species (Ranges indicate different ages, breeds, and sizes.)

Organ/Species	Swine		Horse		Cattle		Sheep/Goat	
	(qts)	(liters)	(qts)	(liters)	(qts)	(liters)	(qts)	(liters)
Rumen					80–192	75.7–181.6	25	23.6
Reticulum					4–12	3.8–11.4	2	1.9
Omasum					8–20	7.6–18.9	1	0.9
Abomasum					8–24	7.6–22.7	4	3.8
Stomach in nonruminants	8	7.57	8–19	7.6–18				
Small intestine	10	9.5	27–67	25.5–63.4	65–69	61.5–65.3	10	9.5
Cecum	1–1.5	0.95–1.4	14–35	13.2–33.1	10	9.5	1	0.9
Large intestine	9–11	8.5–10.4	41–100	38.8–94.6	25–40	23.6–37.8	5–6	4.7–5.7
Total	28–30.5	26.5–28.87	90–221	85.1–209.1	200–367	189.3–347.2	48–49	45.2–46.2