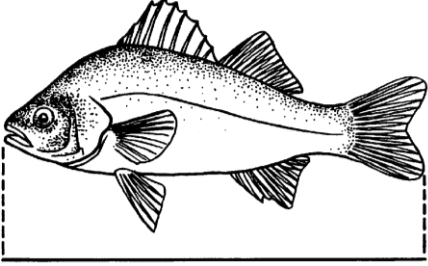
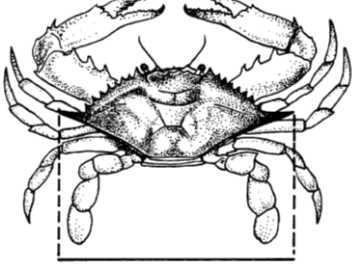
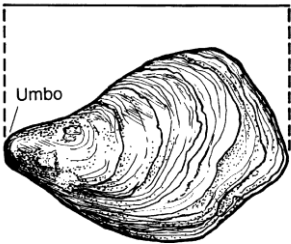
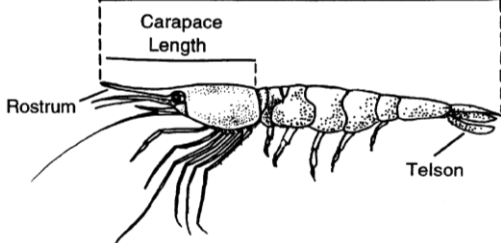
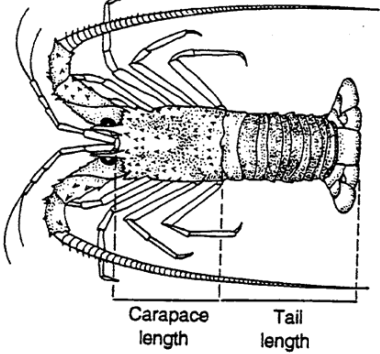
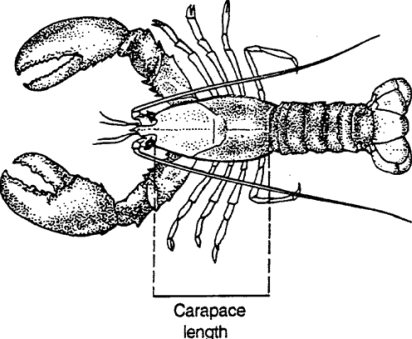


Length or Size Measurements

Recommended measurements of body length for various target species.

Species	Diagram	What/How to Measure
Fish	 <p>A side-view illustration of a fish with a dashed rectangular box extending from the snout to the tip of the longest caudal fin ray. Below the box is the text "Maximum body length".</p>	<p>Maximum body length is the length from the anterior-most part of the fish to the tip of the longest caudal fin ray (when the lobes of the caudal fin are compressed dorsoventrally (Anderson and Gutreuter, 1983).</p>
Crab	 <p>A top-down illustration of a crab with a dashed rectangular box across the widest part of its shell. Below the box is the text "Carapace width".</p>	<p>Carapace width is the lateral distance across the carapace (from tip of spine to tip of spine (U.S. EPA, 1990c).</p>
Bivalve	 <p>A side-view illustration of a bivalve shell with a dashed rectangular box from the umbo to the anterior margin. Labels "Umbo" and "Height" are present.</p>	<p>Height is the distance from the umbo to the anterior (ventral) shell margin (Galtsoff, 1964).</p>
Shrimp and Crayfish	 <p>A side-view illustration of a shrimp/crayfish with two dashed rectangular boxes. The first box spans from the rostrum to the telson, labeled "Body length". The second box spans from the rostrum to the posterior margin of the carapace, labeled "Carapace Length". Labels "Rostrum" and "Telson" are also present.</p>	<p>Body length is the distance from the tip of the rostrum to the tip of the telson (Texas Water Commission, 1990).</p> <p>Carapace length is distance from top of rostrum to the posterior margin of the carapace.</p>

<p>Spiney Lobster</p>	 <p>The diagram shows a top-down view of a Spiney Lobster. A dashed line indicates the measurement for 'Carapace length' from the anterior-most edge of the groove between the horns to the rear edge of the top part of the carapace. Another dashed line indicates the measurement for 'Tail length' along the top middorsal line of the entire tail to its rear-most extremity.</p>	<p>Carapace length is the distance from the anterior-most edge of the groove between the horns directly above the eyes, to the rear edge of the top part of the carapace as measured along the middorsal line of the back (Laws of Florida Chapter 46-24.003).</p> <p>Tail length is the distance measured lengthwise along the top middorsal line of the entire tail to rear-most extremity (this measurement shall be conducted with the tail in a flat straight position with the tip of the tail closed) (Laws of Florida Chapter 46-24.003).</p>
<p>Clawed Lobster</p>	 <p>The diagram shows a top-down view of a Clawed Lobster. A dashed line indicates the measurement for 'Carapace length' from the rear of the eye socket to the posterior margin of the carapace.</p>	<p>Carapace length is the distance from the rear of the eye socket to the posterior margin of the carapace (New York Environmental Conservation Law 13-0329.5.a and Massachusetts General Laws Chapter 130).</p>