

# Egg Sizing: A Case Study

Medium. Large. Extra Large. Jumbo. Everyone knows that eggs come in different sizes. There are even specialty egg sizes — pee wee and small! But just how do eggs measure up anyway? (Hint: Science!)



**Medium**      **Large**      **Extra Large**      **Jumbo**

**PART 1:** Learn more about egg sizing through your own egg-vestigation! Maybe you can't weigh an egg 60 times in one second like the sensors used in egg processing today, but you can appreciate the efficiency of this technology by weighing eggs the old-school way.

### Directions

1. Egg sizing guidelines are set by the U.S. Department of Agriculture (USDA) based on weight per dozen eggs. Use the math conversion chart below to calculate the average weight for each egg size.
2. Now weigh your eggs individually and record the weight in the second chart.
3. How did your results compare to those of a typical egg?

### USDA Guidelines

Egg Size	Weight Per Dozen	Weight Per Egg (convert)
Medium	21 ounces	
Large	24 ounces	
Extra Large	27 ounces	

### Egg-vestigation Results

	Egg Size	Weight
Egg #1		
Egg #2		



**PART 2:** How do you think the following factors affect the size of eggs? Write your ideas below, then check out the Size topic in the Eggyclopedia at [incredibleegg.org](http://incredibleegg.org) to see if you were correct. Was there anything that surprised you?

### Egg Size Factors

1. Age of the hen: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
2. Weight of the hen: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
3. The environment in which the hen is living:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_