

Food Costing

- Food is a business, if you want to maximize your profits you need to know what you are spending
- If you don't know what you are spending you can't know what to charge
- We will learn several formulas, but fear not, while food costing can be tedious and math is not everyone's forte, there are Excel templates available and a lot of online help you don't have to reinvent the wheel, you just need to understand how a wheel works

Learning Objectives

- To identify and explain key concepts in food costing & cost control
- To perform and explain how to perform basic food costing calculations, finding usable yield percentage, and differentiating aspurchased and edible portions
- To estimate selling price based on basic food costing calculations

Why is Food Costing Important?

- A critical part of a chef's job is to manage kitchen expenditures.
- · Food costing impacts the financial health of a food business.
 - It affects purchasing decisions and relationships with vendors.
 - It affects menu pricing.

Keys to Managing Food Costs - Recipe standardization - Consistent product - Ensures all cooks can produce the same dish in the same manner - Tracking costs of product - Costs of purchases - After-fabrication costs - Determining appropriate menu prices

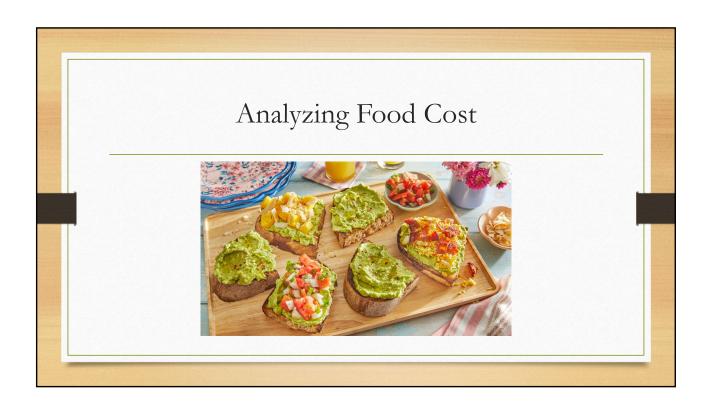


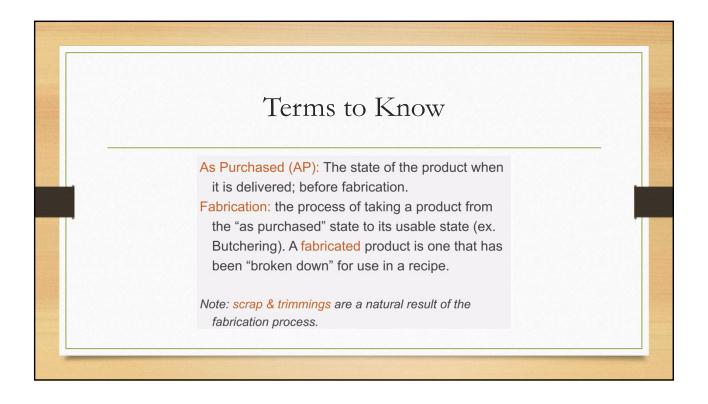
Key Features of Standardized Recipes

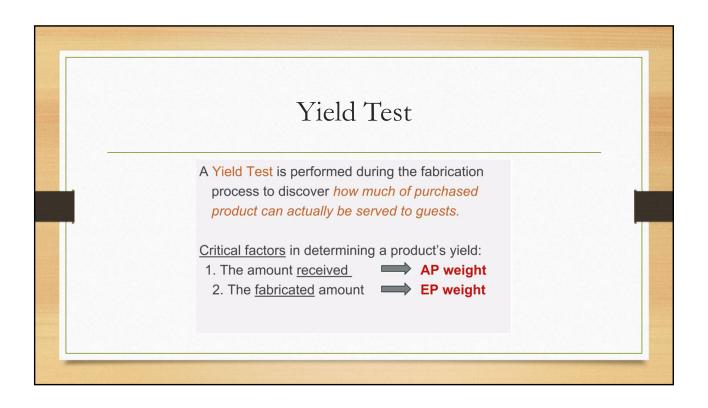
- · Key Features of Standardized Recipes
 - √ Standard Units of Measure
 - ✓ Ingredients are listed in the order they are used
 - ✓ Recipe Procedures is thorough and clearly stated
 - ✓ Recipe includes portion size and/or total recipe yield

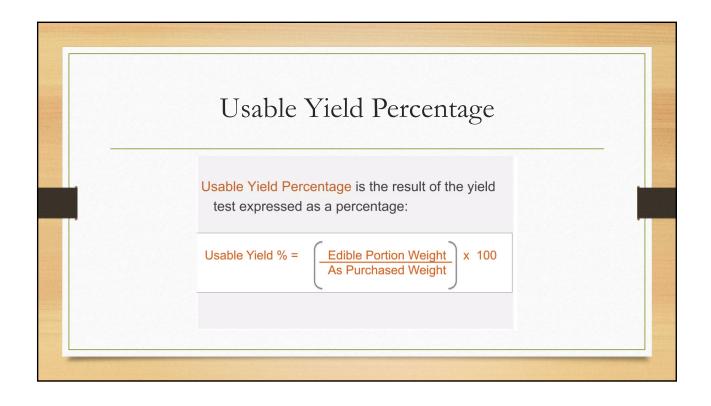
Why is Avocado Toast so Expensive, even at \$10

- Food Cost \$3.50 (based on a \$2.75 avocado, and .75 for 2 slices of organic bread, and that is assuming avocados haven't been hit by inflation or supply issues)
- Labor Cost \$3.00 (based on a labor cost estimate of 30% of your income)
- Rent \$1.20 (based on 9% rent, plus 3% for gas/lights/water/wifi/trash/compost)
- Other costs \$1.50 (15 % operating costs of printing services, advertising, insurance, workers comp, office equipment, repairs and maintenance, janitors, HR, and the other things needed to run a restaurant)
- Total \$9.20
- Profit per sale– 80 CENTS (and this doesn't even include tax)









Calculating Usable Yield Percentage

Delivery weight of oranges:

2 Kg

Price:

\$1.80/kg

After fabrication:

1000 g of scrap

200 g of trimmings

800 g of segments for service

What is the usable yield % for the oranges?

Edible Portion Weight As Purchased Weight

x 100 =

 $0.8 \text{ kg} = 0.4 \times 100 = 40\%$

2 kg

As Purchased (AP) Cost per Unit

Example:

The chef purchased a total of 2 kg.

of oranges for a total of \$3.60.

What is the AP cost per unit of measure?

AP cost per unit =

Total AP Cost

Total Quantity Purchased

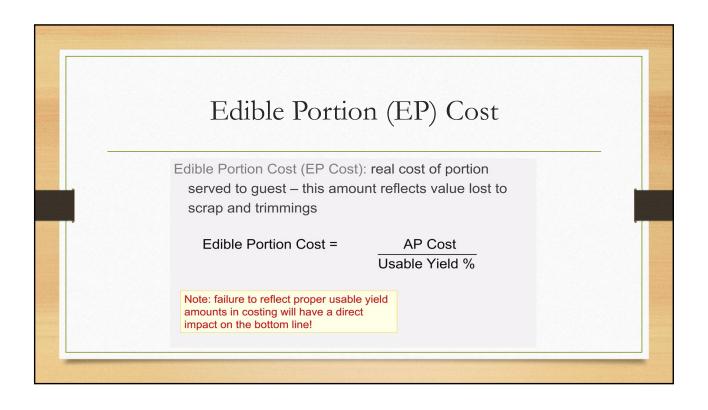
Total Purchase:

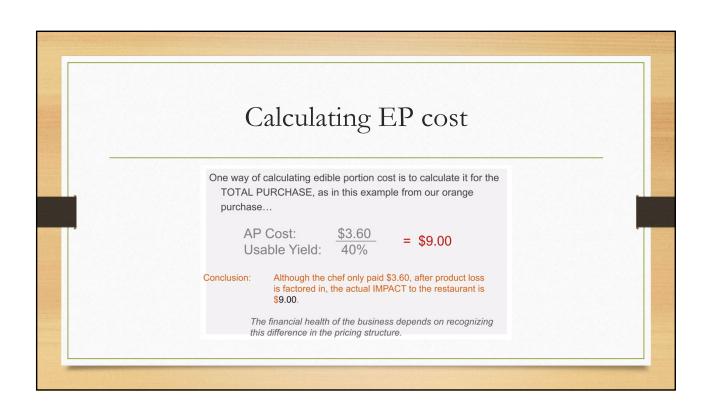
\$3.60

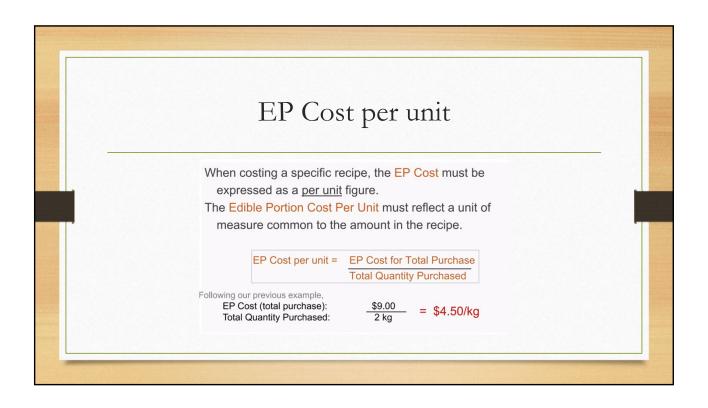
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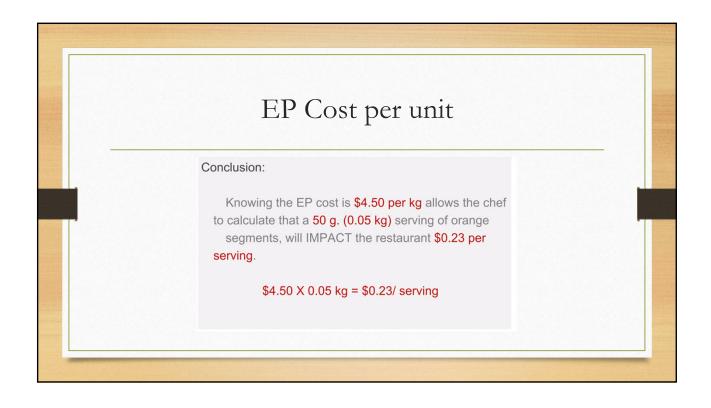
Total Quantity: 2

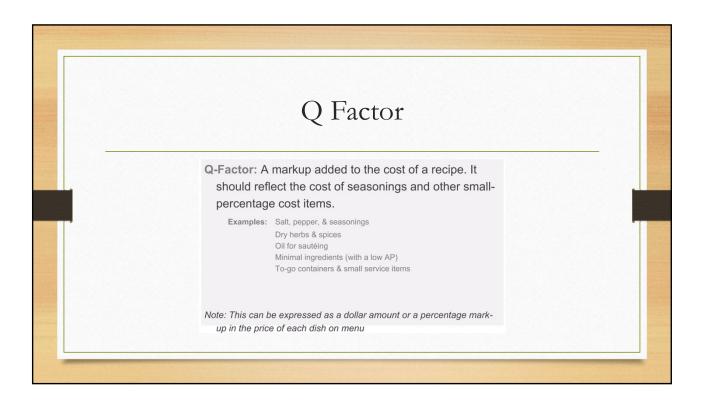
= \$1.80 per kg

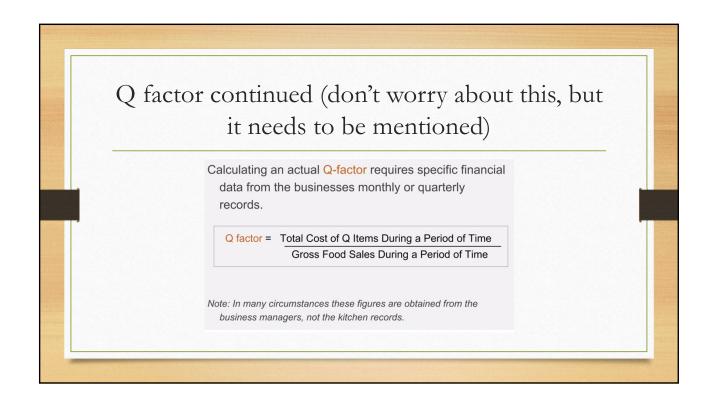












Determining Total Recipe Cost

- . Ensure the recipe is written in common units of measure.
- 2. Determine AP cost per unit for each ingredient.
- 3. Determine Usable Yield % for all ingredients.
- 4. Calculate EP cost per unit for each ingredient.
- Multiply EP cost per unit by the recipe amount to determine total cost for each ingredient.
- Add all ingredient EP costs to determine subtotal for the recipe.
- Determine Q-factor percentage then add to the subtotal to find the Total Recipe Cost.

For Example Recipe for Orange Panna Cotta

- Heavy Cream \$1.71
- Vanilla Paste \$3.64
- Sugar \$0.20
- Gelatin \$0.45
- Buttermilk \$1.66
- Orange Segments \$3.60 (from our example above)
- TOTAL \$11.26

Q factor

• If we are assuming the Q factor we use at our restaurant is 5%,

 $11.26 \times 5\% = 0.56$

Thus the total Recipe Cost is \$11.82

We have determined that the recipe makes 16 servings

So the Per Portion Cost is \$0.74. (11.82/16)

Food Cost Percentage

WHAT: A figure which is usually determined by management

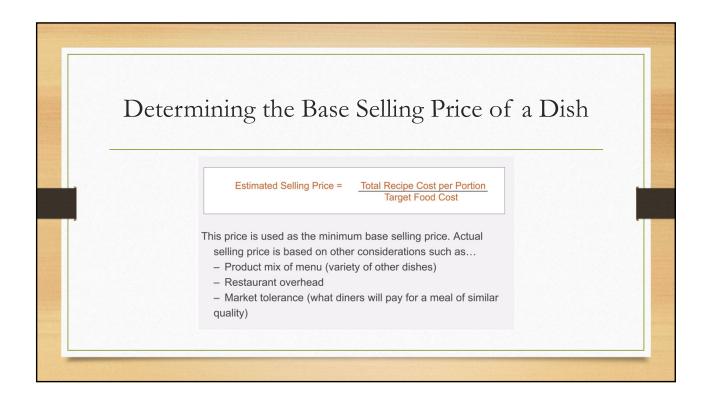
during budget periods (quarterly or annually)

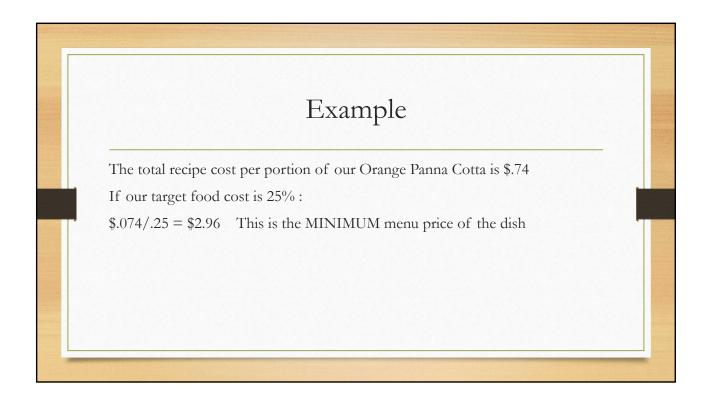
WHY: It provides a guideline for making purchasing decisions

and setting menu prices

Typically, **food cost** can range from 25% to 35% (depending on the type of business, dish, etc.)







Food Costs

In actuality, some foods will have higher food costs than others, while some will be almost pure profit.

For instance, coffee, soda (particularly fountain soda), soups, and ALCOHOL will all have very low food costs and a much higher PROFIT MARGIN

Other foods – usually the big ticket items such as rack of lamb, lobster, scallops – will have much higher food costs and a much lower profit margin

The "art" of food costing is figuring out a comprehensive and complete menu that makes sense internally and in the market you are trying to fit into – as compared to other food outlets in your area which are vying for the same clientelle