



# Consumer Trends Driving Produce Consumption



Rod Hawkes
Senior Extension Associate
Food Industry Management Program
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## QUIZ

Percent of U.S. households that buy produce?

100%

Per capita TOTAL VEGETABLE consumption as % of USDA guideline?

Per capita TOTAL FRUIT consumption as % of USDA guideline?

Annual per capita FRESH FRUIT "eatings"?

**Annual per capita FRESH VEGETABLE "eatings"?** 

Percent of New Yorkers who are obese?



## **Consumer Trends**

- Produce consumption
  - Obesity & overall health
    - Aging population
      - Smaller households
        - Ethnic diversity
          - Sustainability and food sources
            - Complex lives and time pressure





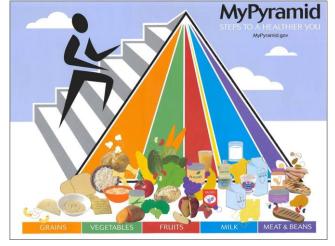
Obesity

Aging

Smaller Households

Diversity Sustainability Complex Lives







1992



2005

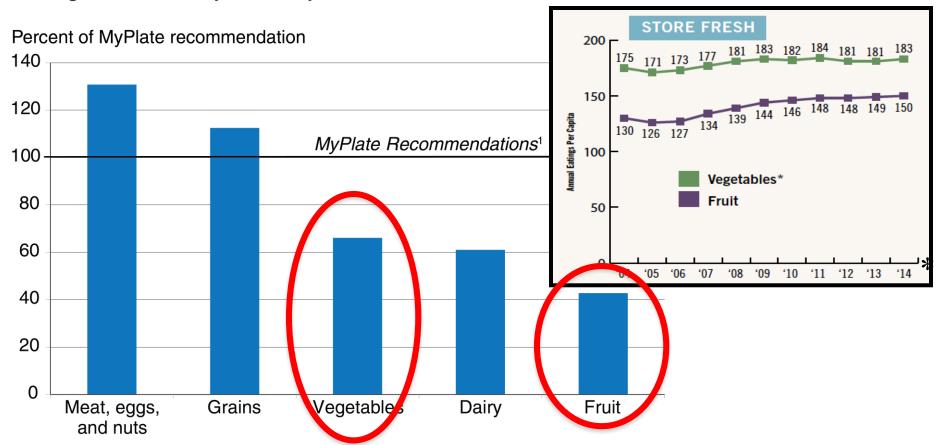








#### Average U.S. consumption compared to recommendations, 2013



Note: Rice data were discontinued and thus are not included in the grains group.

Source: USDA, Economic Research Service, Loss-Adjusted Food Availability Data.

<sup>&</sup>lt;sup>1</sup>Based on a 2,000-calorie diet.

<sup>\*</sup> Source: Produce For Better Health (PBH), "State of the Plate: 2015 Study of America's Consumption of Fruit and Vegetables"





Obesity

Aging

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#### Guiding Stars®

Nutritious choices made simple™



#### **Nutrition Facts**

Serving Size 172 g	
Amount Per Serving	
Calories 200	Calories from Fat 8
	% Daily Value*
Total Fat 1g	1%
Saturated Fat 0g	1%
Trans Fat	
Cholesterol Omg	0%
Sodium 7mg	0%
Total Carbohydrate	36g 12%
Dietary Fiber 11g	45%
Sugars 6g	
Protein 13g	
Vitamin A 1% •	Vitamin C 1%
Calcium 4% •	lron 24%
l	

<sup>\*</sup>Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs.



















**Obesity** 

Aging

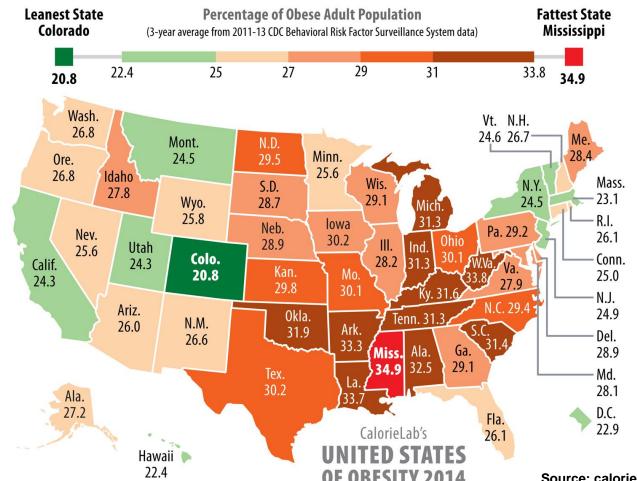
Smaller Households

Diversity Sustainability

**Complex Lives** 

## "US obesity rates rising for first time since 2004"

Source: bbc.com/news/world-us-canada



2014-15 Average:

**38%** 

Source: calorielab.com/news/2015/10/31/fattest-states-2015/





**Obesity** 

Aging Smaller Households

Diversity Sustainability Complex Lives













Obesity

Aging

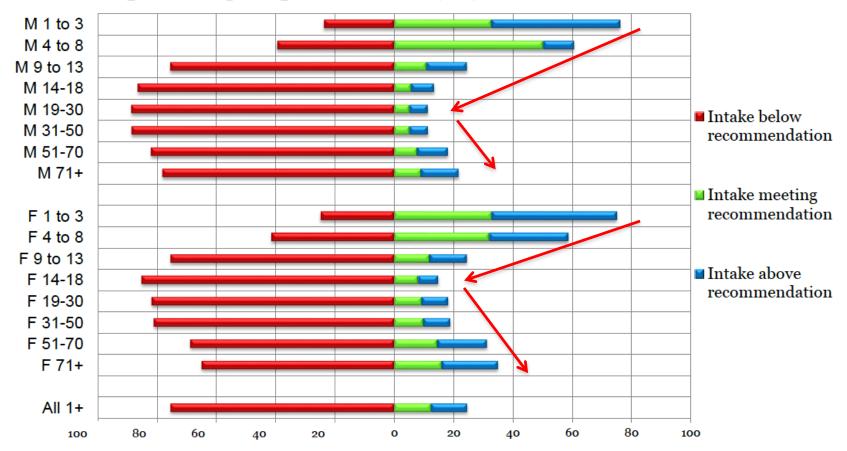
Smaller Households

Diversity Sustainability Complex Lives

2015 DGAC: MEETING 4

#### **Total Fruits**

#### Estimated percentage of persons below, at, or above recommendation



% below recommendation

% at or above recommendation

Source: 2015 Dietary Guidelines Advisory Committee (DGAC), Subcommittee 1: Food and Nutrient Intakes and Health: Current Status and Trends



2015 DGAC: MEETING 4

Consumption

Obesity

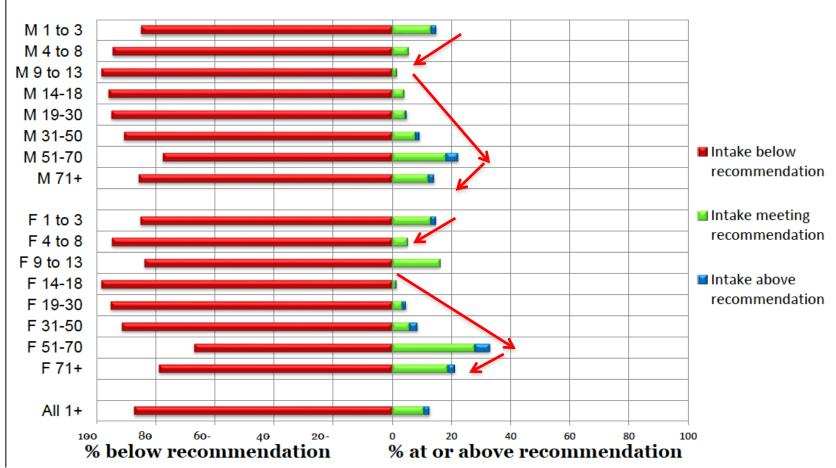
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**Total Vegetables** 

Estimated percentage of persons below, at, or above recommendation



Source: 2015 Dietary Guidelines Advisory Committee (DGAC), Subcommittee 1: Food and Nutrient Intakes and Health: Current Status and Trends





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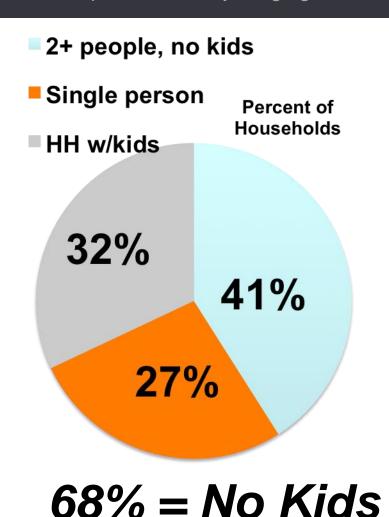


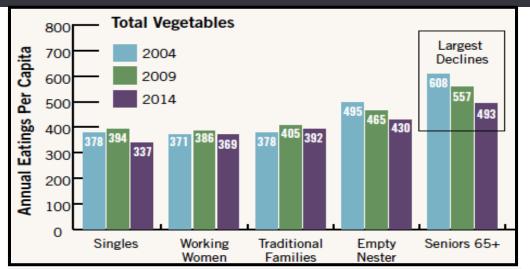


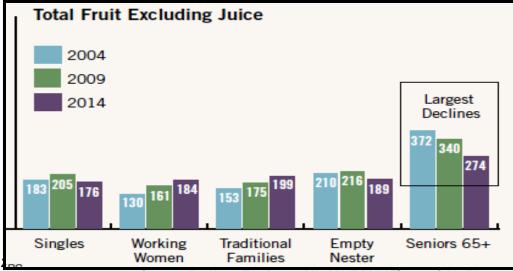












Source: Data from presentation at FMI Midwinter Conference, January based on the research report titled "Reframing Retail through the Lens of Changing Food Culture," Daymon Worldwide and Hartman Group, 2012.

Source: Produce For Better Health (PBH), "State of the Plate: 2015 Study of America's Consumption of Fruit and Vegetables"













Parmesan & Garlic





Obesity

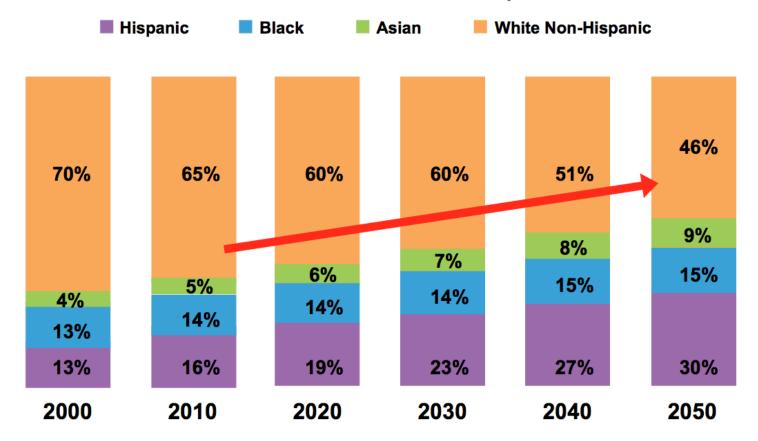
Aging

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Complex Lives

### Non-white Households will be Majority by 2050

Distribution of the U.S. Population



Source: Nielsen presentation, 2012

Source: US Census



Obesity

Aging

Smaller Households

**Diversity** Sustainability

**Complex Lives** 

**Distinct ethnic** cuisines co-mingle in cross-cultural cuisine

**Experimentation** drives food diversity



Texas Style BBQ and Thai



Peruvian & Japanese



fusion.

Mexican & Korean



Korean BBQ, Vietnamese, & Mexican

Soul & Mexican





Smaller Households Diversity Consumption Obesity **Sustainability Complex Lives** Aging























Vs



Obesity

Aging

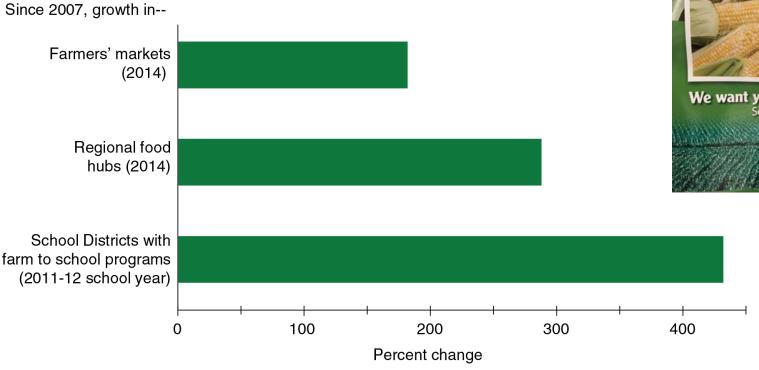
Smaller Households Diversity

Sustainability

Complex Lives

## Competition for Sourcing **Local Produce**

Increase in local & regional marketing channels









## Imperfect Revolution Rising...



Consumption Obesity Aging Millennials Smaller Households Primary Shopper Diversity Economy Sustainability Complex Li















Obesity

Aging

Smaller Households Diversity Sustainability Complex Lives

## Takeaways...

- Increasing pressure to address obesity & overall health
- Aging consumers, singles, and smaller will shape produce demand
- Accelerating ethnic diversity of consumers and food preferences
- Potential "permanent" value shopping mentality due to ongoing economic stresses
- Growing awareness, concern, and confusion about sustainability and food safety
- Less time for shopping, decision-making, and food preparation due to complex lives and time pressure





Obesity

Aging Smaller Households Diversity Sustainability Complex Lives

#### THANK YOU!!!

#### Rod Hawkes

Senior Extension Associate Food Industry Management Program

> rod.hawkes@cornell.edu 607-255-7939