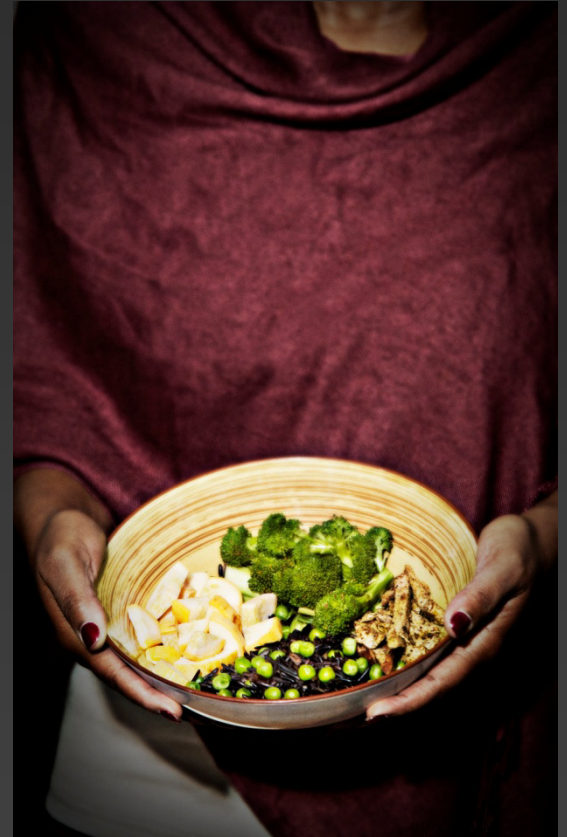


# Hunger and Food Security



Michael Milli. 2012. Johns Hopkins Center for a Livable Future.



## ■ Hunger

Michael Milli. 2012. Johns Hopkins Center for a Livable Future.





# Hunger

- Food insecurity

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# Hunger

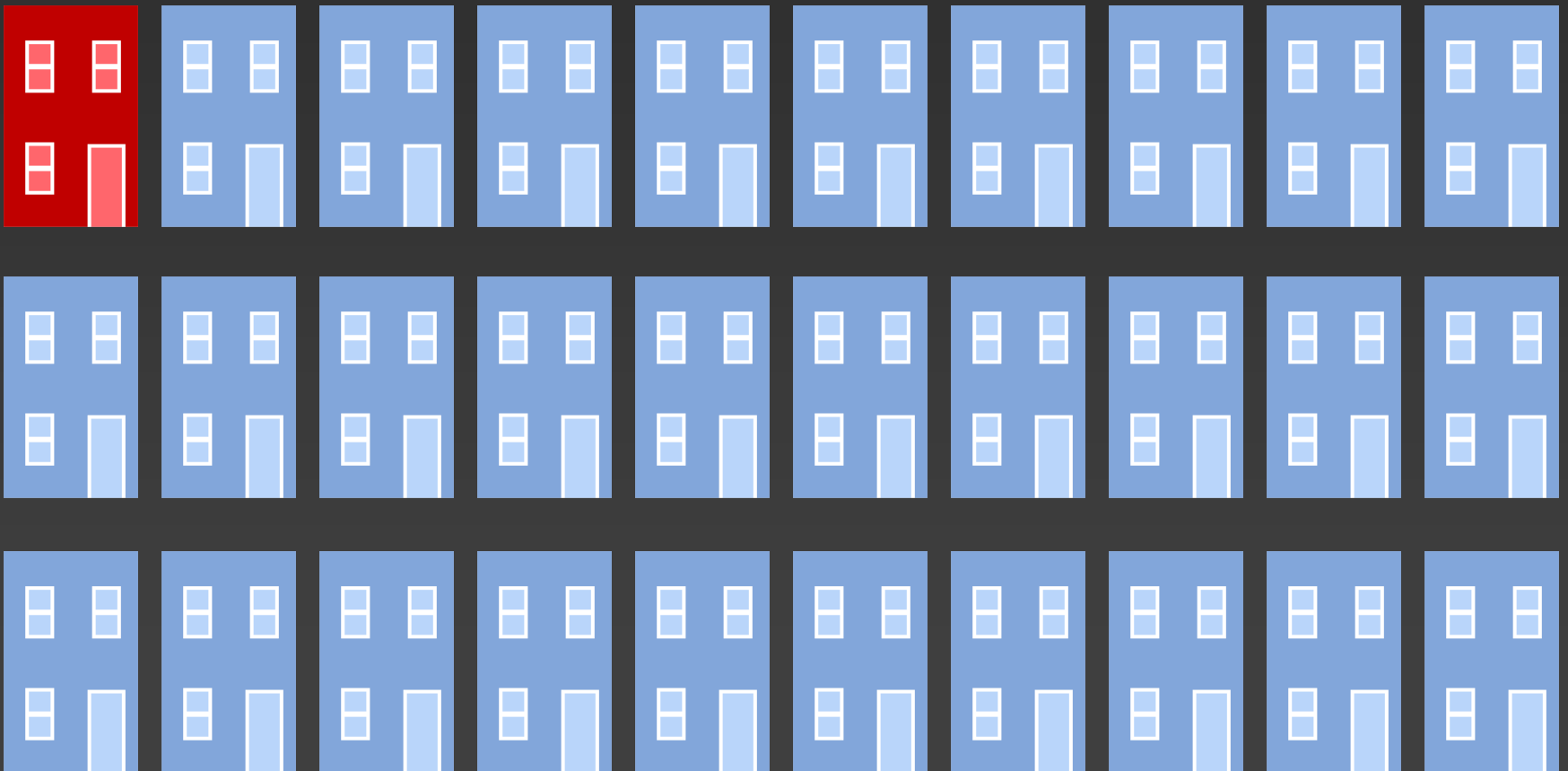
## Food insecurity

- Interventions

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# Hunger

1 in 30



# Food insecurity

1 in 7



# Essential questions

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- What is hunger? How can we measure it?
- How can we measure food security?
- Why is there hunger and food insecurity in the United States?
- How should hunger and food insecurity be addressed?
- Who should be responsible for addressing hunger and food insecurity?





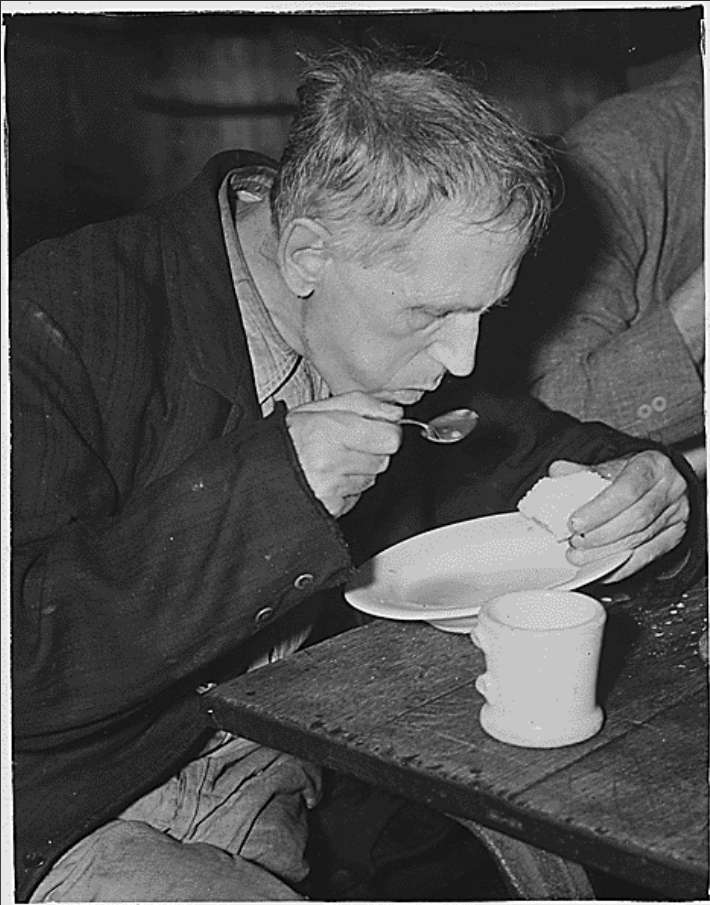
- Hunger

Food security  
Interventions

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# 1930s: Great Depression



Left: *Unemployed men eating in Volunteers of America Soup Kitchen in Washington, D.C. 1936.* Public domain.

Right: *Franklin D. Roosevelt Library. Circa 1932. Long line of people waiting to be fed: New York City: in the absence of substantial government relief programs... free food was distributed with private funds in some urban centers to large numbers of the unemployed.* Public domain.

# 1930s: Federal assistance

- Government bought agricultural surplus
- Distributed it to help farmers, relieve hunger



Franklin D. Roosevelt Library. Circa 1936. *Surplus Commodities: School Lunch Program*. Public domain.

# Federal programs expand

- 1939: Food stamps
- 1946: National School Lunch Program



Johnson. 1944. U.S. War Food Administration and U.S. Department of Agriculture.



# 1960s: Hunger in America



*Edward R. Murrow in his office. 1957. Public domain.*

- 1968 CBS Documentary
- Exposed domestic hunger

# 1960s: Federal response

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- Expanded Food Stamp Program
- School Breakfast Program
- Free, reduce priced school meals
- WIC

# Emergency food programs



Left: U.S. Navy volunteers at a food bank. Right: U.S. Navy volunteers in a soup kitchen. Available at Wikimedia Commons.



# Emergency food programs

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## Criticisms:

- “Culture of charity”
- “Dismiss responsibility to the poor”
- “Kinder, but less just”



# Hunger

- Food security
- ## Interventions

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# Household food security

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1. “The food that we bought just didn’t last, and we didn’t have money to get more.”
2. “We couldn’t afford to eat balanced meals.”
3. “We cut the size of meals, or had to skip meals, because there wasn’t enough money for food.”
4. “I ate less than I felt I should because we didn't have enough money for food.”
5. “I was hungry but didn’t eat because we didn't have enough money for food.”



# Household food security

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- 0-1 steps forward: Food secure
- 2-4 steps forward: Low food security
- 5-6 steps forward: Very low food security

Images copyright.

# Food insecurity

1 in 7



# Contributors: Key factors

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# Contributors: Key factors

## Availability



## Stability



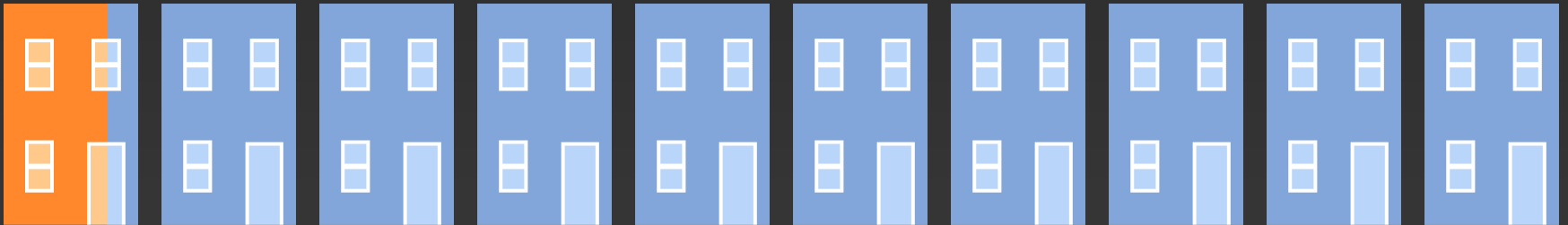
## Access



Left, Center: Images copyright. Right: Louise Rosskam. 2009. Public Domain.

# Contributors: Poverty

Above the U.S. poverty level: **7%**



Below the U.S. poverty level: **40%**





# Contributors: Food environments



Left: Louise Rosskam. 2009. Public Domain. Center: Image copyright.

Right: Lean S. Pigtown: *All things Baltimore*. 2009. [www.sustainablecitiescollective.com](http://www.sustainablecitiescollective.com). Used with permission .



# Consequences

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# Consequences

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- Obesity
- Diabetes
- Nutrient deficiencies
- Low fruit and vegetable intake

# Consequences: obesity

Cheaper, per calorie:

- Added fats
- Added sugars
- Refined grains



Images copyright

# Consequences: children



Richard Phillip Rücker. 2006. *Time could pass a little faster*. Available on Wikimedia Commons.





Hunger

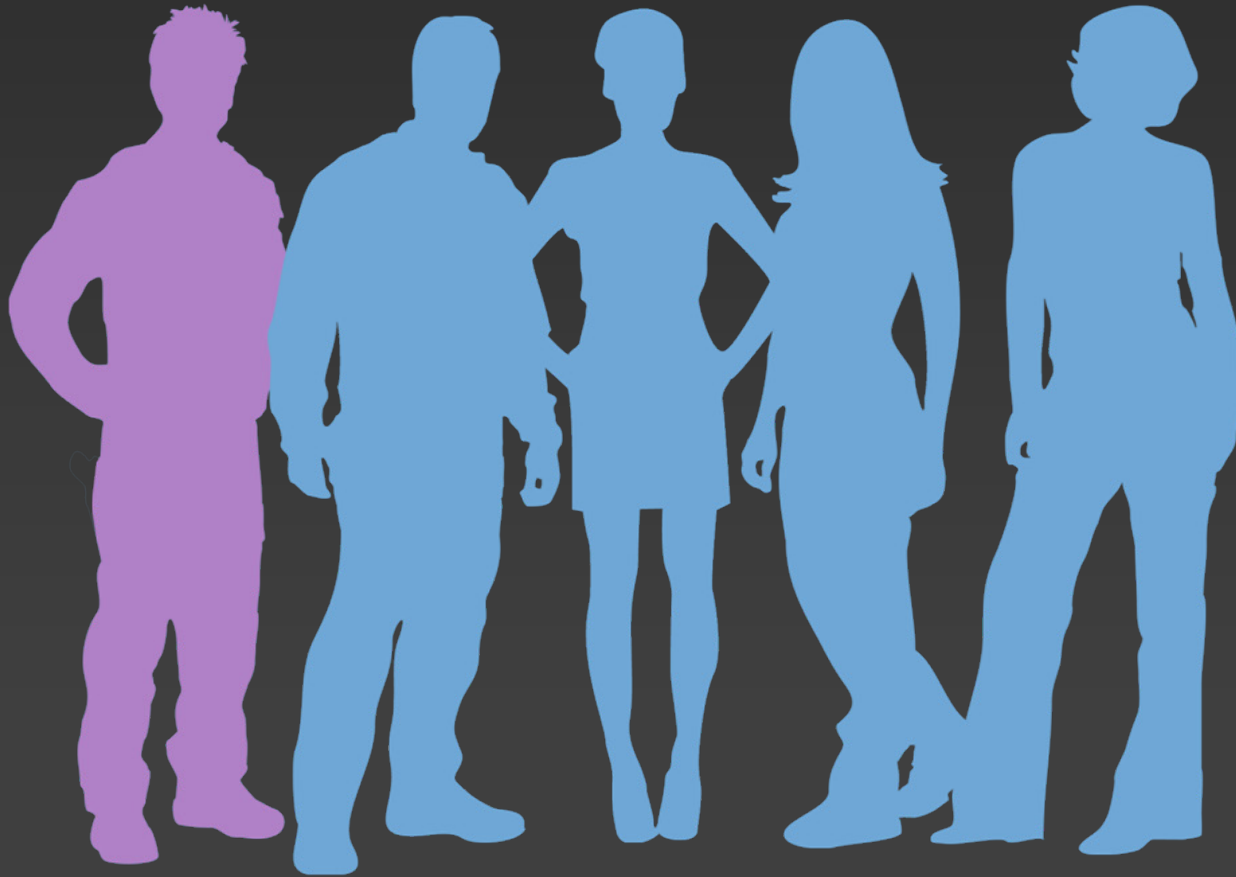
Food security

- Interventions

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# Federal programs

**1** in **5** Americans participate



# Federal programs: economic benefits



- SNAP benefit of **\$1**

# Federal programs: economic benefits



- SNAP benefit of **\$1**



- Prompts spending of **\$1.47**



# Federal programs: economic benefits



- SNAP benefit of **\$1**



- Prompts spending of **\$1.47**

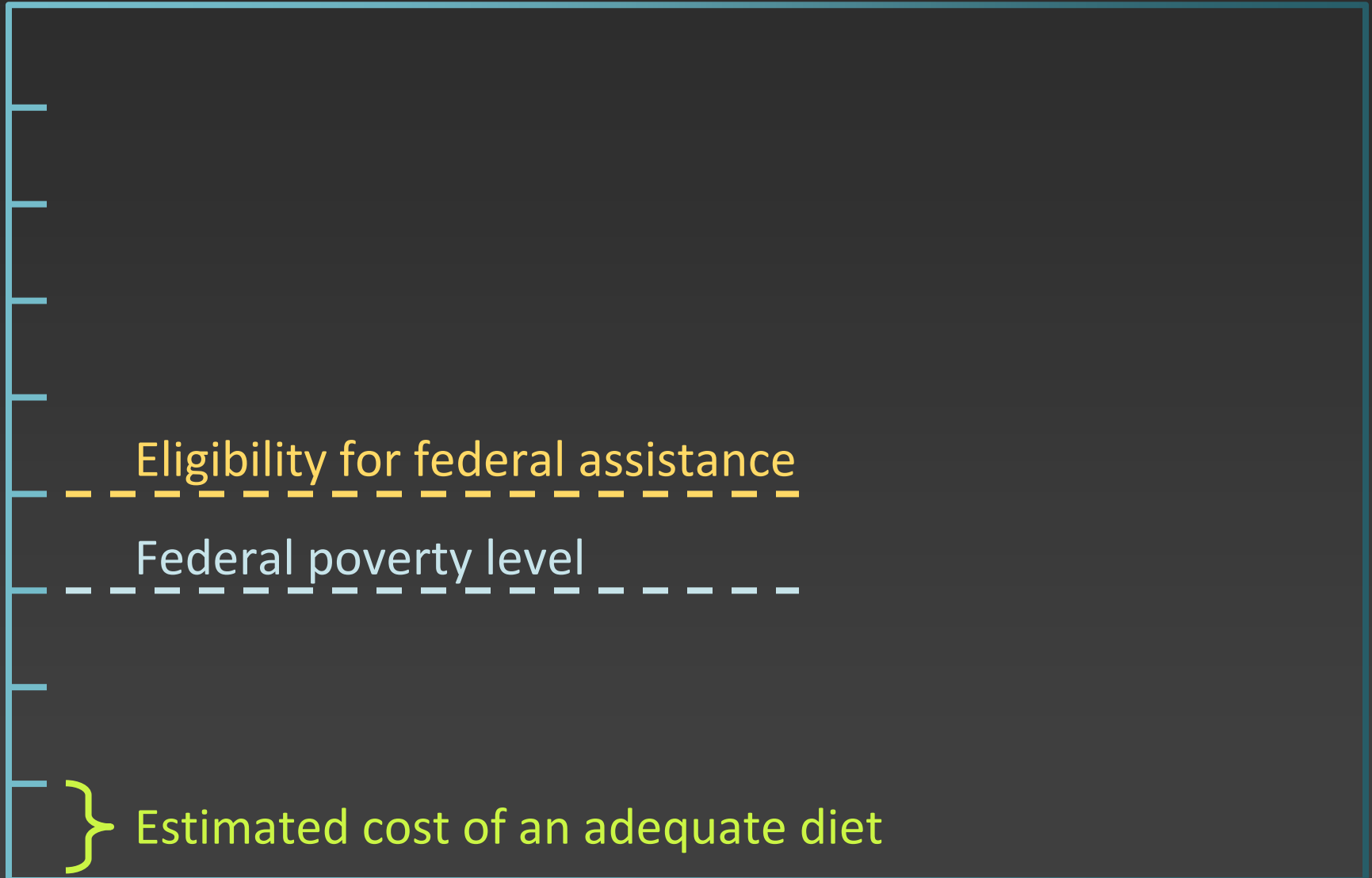


- Supports businesses



Image copyright.

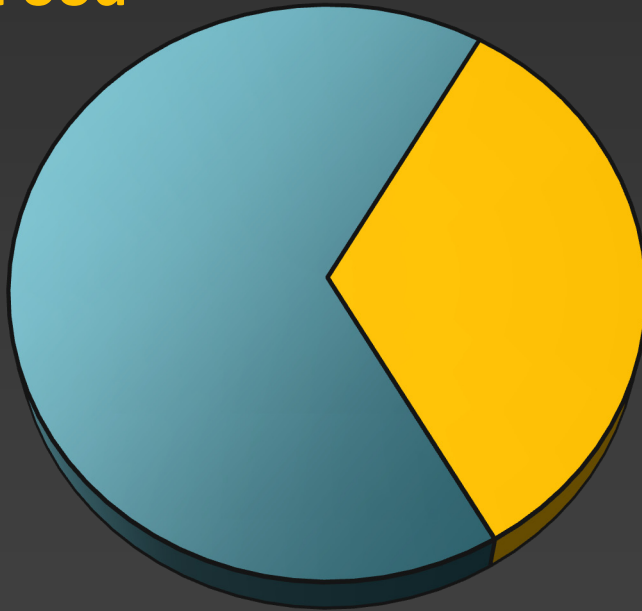
# Limitations



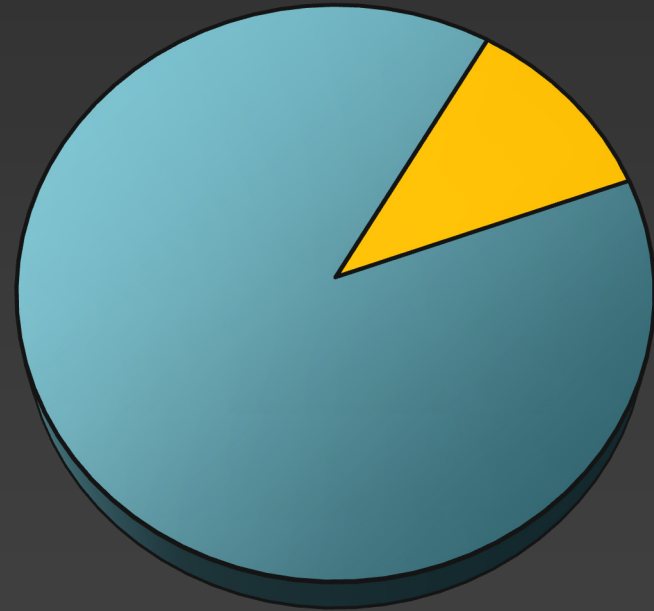
# Limitations

Spending, by category:

- Housing, transportation, etc.
- Food



1963



2000

# Community food security

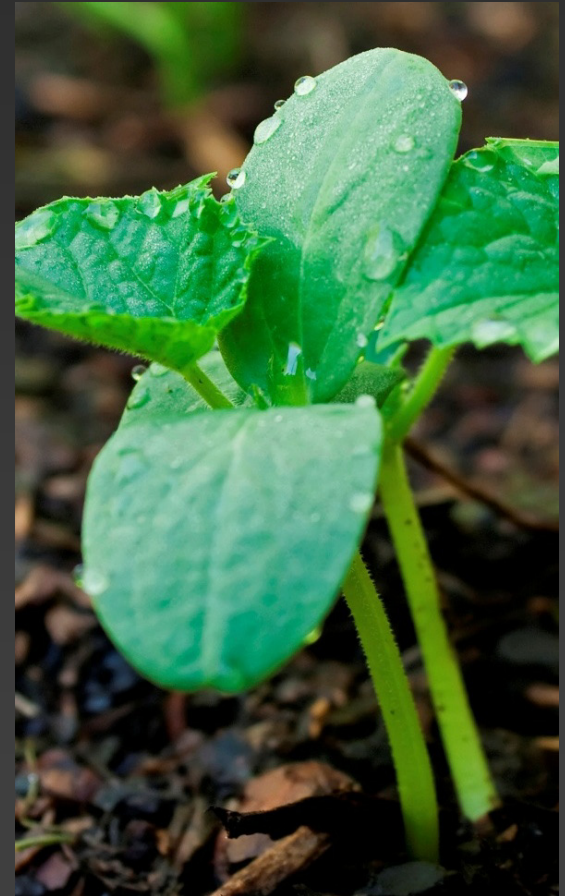
Culturally appropriate



Builds self-reliance



Sustainable



Images copyright.



# Community food security

Regional



Emphasizes community decision-making



Left: Image copyright. Right: FEMA. 2009. American Samoan community members. Public Domain.



# Community food security

Residents



Farmers



Retailers



Policy makers



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