



Indicator Targets for the GO TO 2040 plan update

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Environment and Natural Resources Committee

March 5, 2014

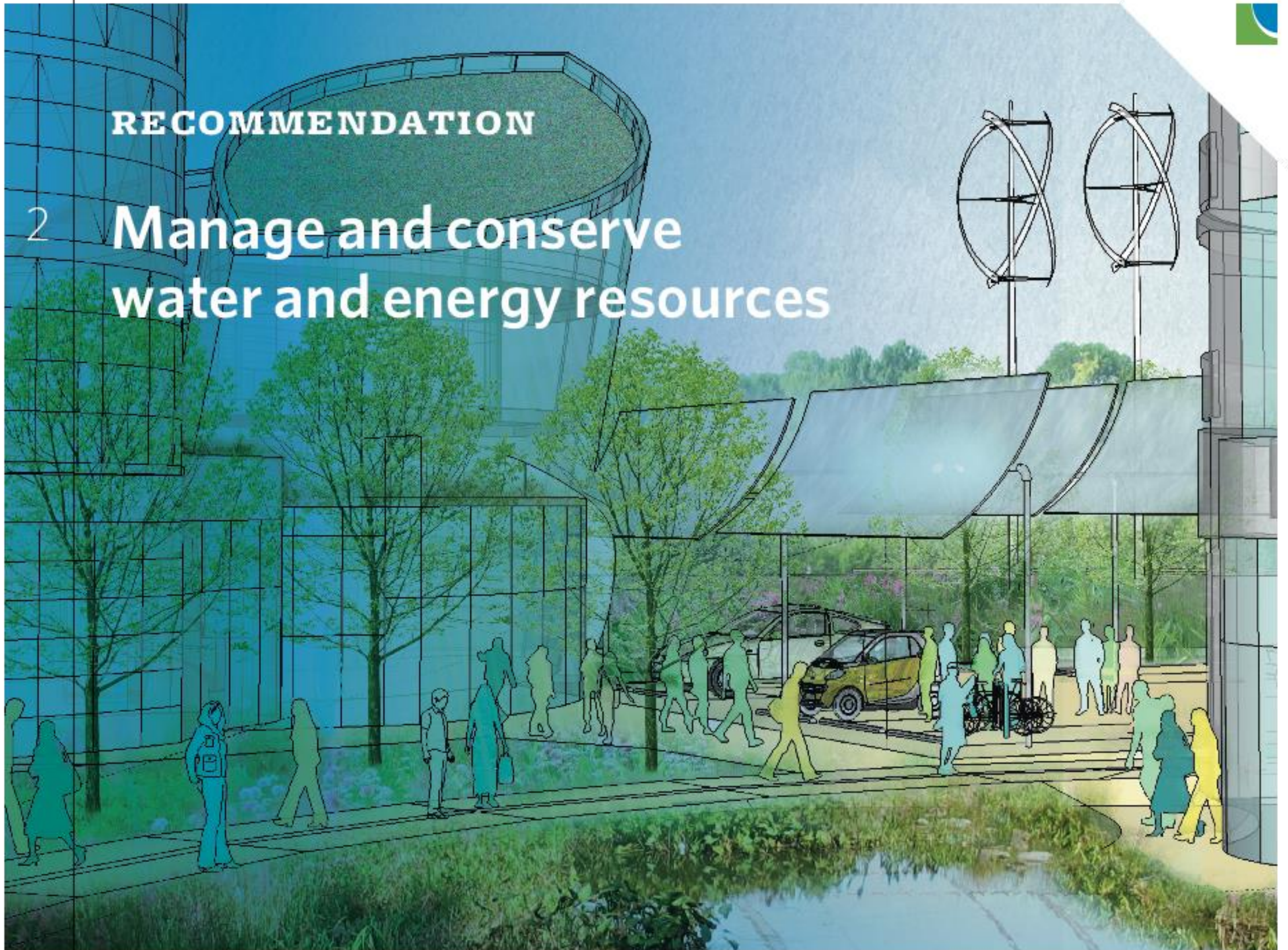


Indicator Review Process

- **Assess GO TO 2040 indicators**
- **Develop list of proposed indicators for plan update**
- **Develop new and revised indicator target values**

RECOMMENDATION

2 Manage and conserve water and energy resources





Public Supply Water Demand

Water withdrawn, treated, and delivered to users via public water supply

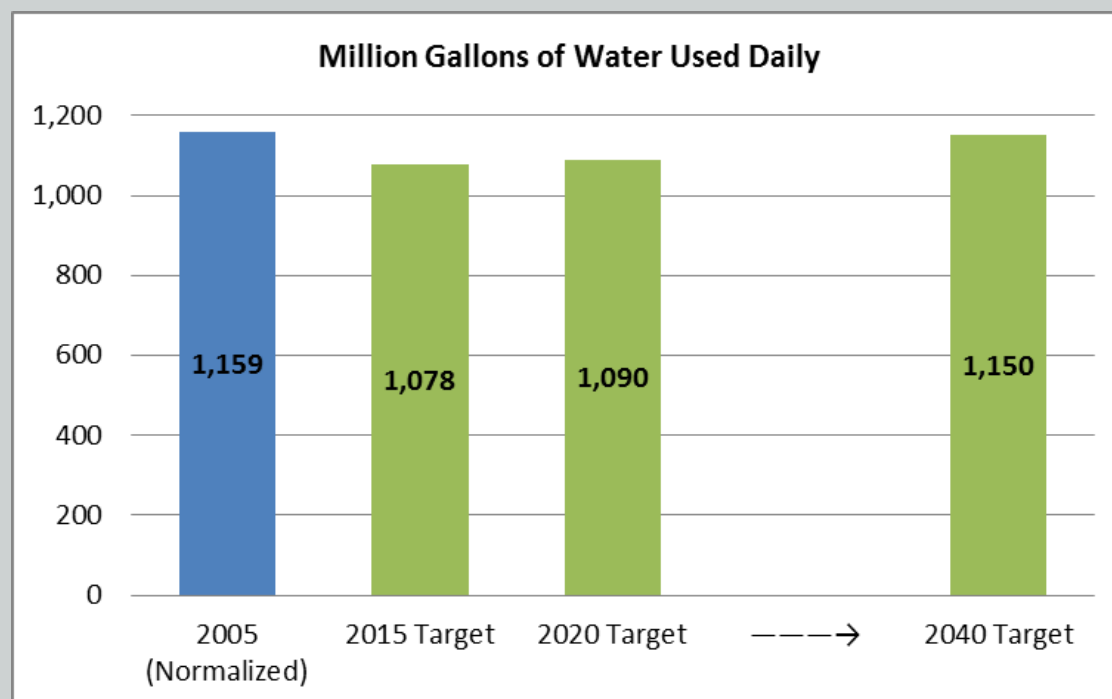
- 80% of water demand in region
- Water 2050: Northeastern Illinois Water Supply/Demand Plan - projections developed by SIU

Expand and Improve Parks and Open Space

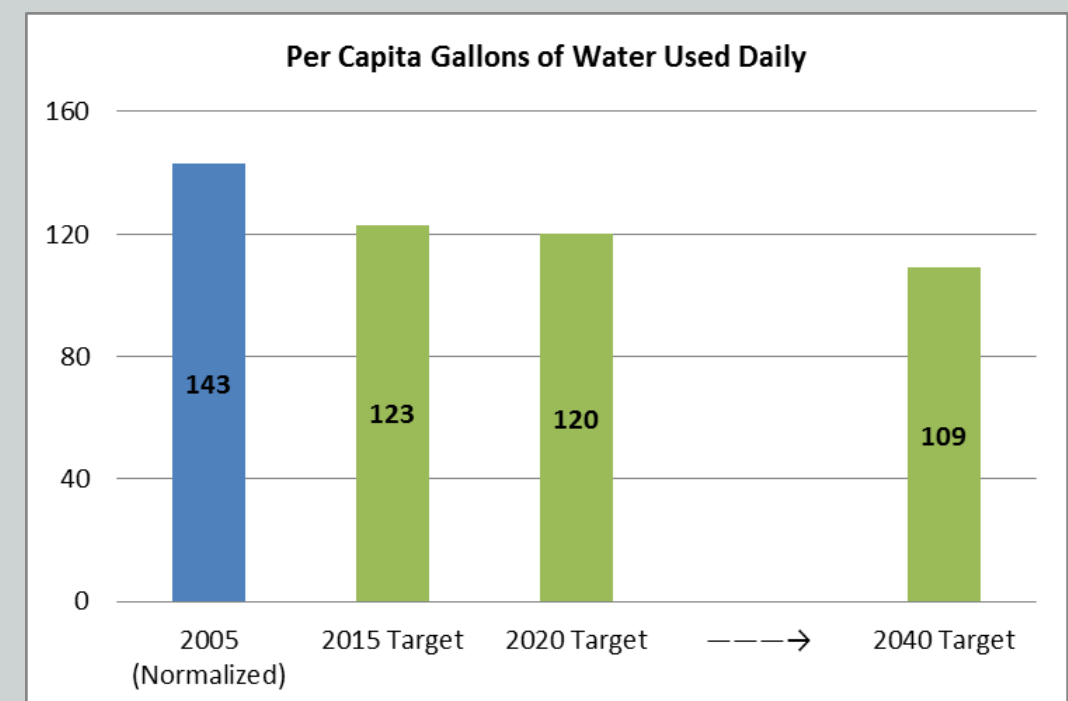


Public Supply Water Demand

Total Daily Demand



Per Capita Daily Demand





Acres of Impervious Area

Amount of impervious surfaces that cause runoff and drain directly to surface waters

- Proxy measure for degradation of water resources

Manage & Conserve Water and Energy Resources



Acres of Impervious Area

Growth in impervious cover targets:

- 2020 - no more than 60% of the rate of household and job growth
- 2040 - no more than 50% of the rate of household and job growth

Manage & Conserve Water and Energy Resources



Greenhouse Gas Emissions

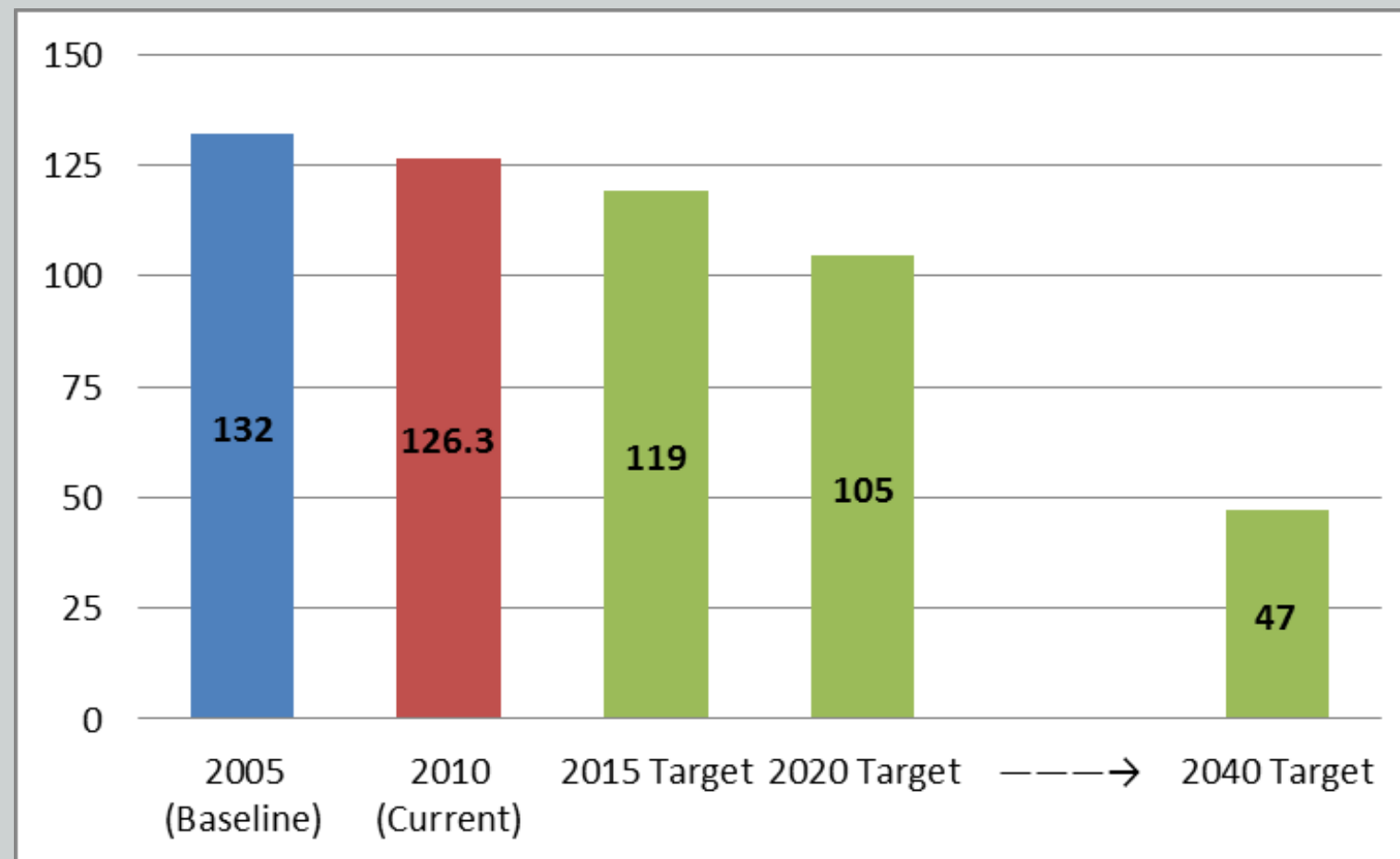
Total GHG emissions in region

MMTCO₂e – million metric tons of carbon dioxide equivalents

Manage & Conserve Water and Energy Resources



Greenhouse Gas Emissions





RECOMMENDATION

3

Expand and improve parks and open space





Expand and Improve Parks and Open Space

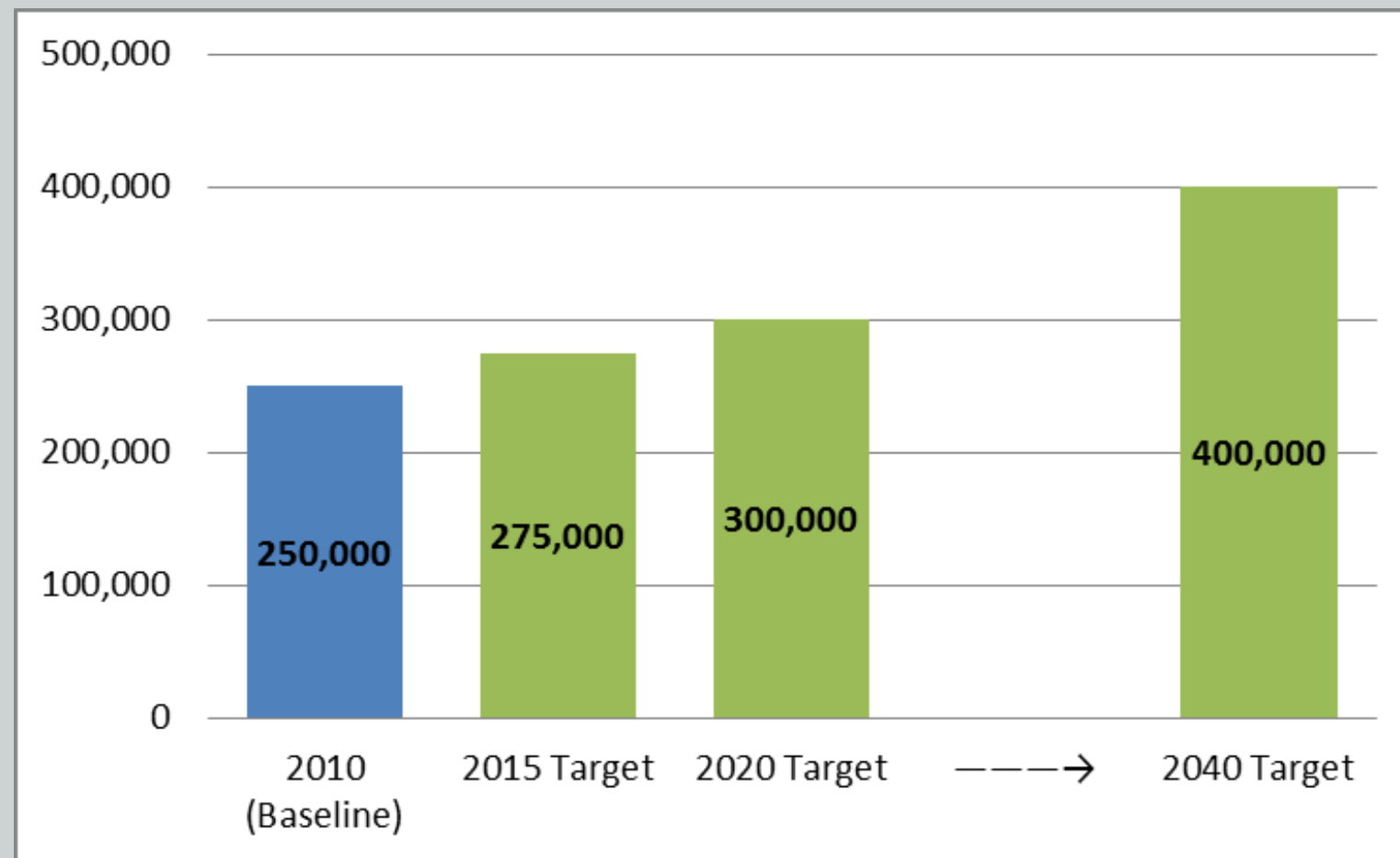
Acres of Conservation Open Space

Acres in the region geared for recreation (parks) or conservation (preserves and natural areas)

Expand and Improve Parks and Open Space



Acres of Conservation Open Space



Expand and Improve Parks and Open Space



Regional Access to Parks

**Aggregate measure of park accessibility
based on proximity to park land**

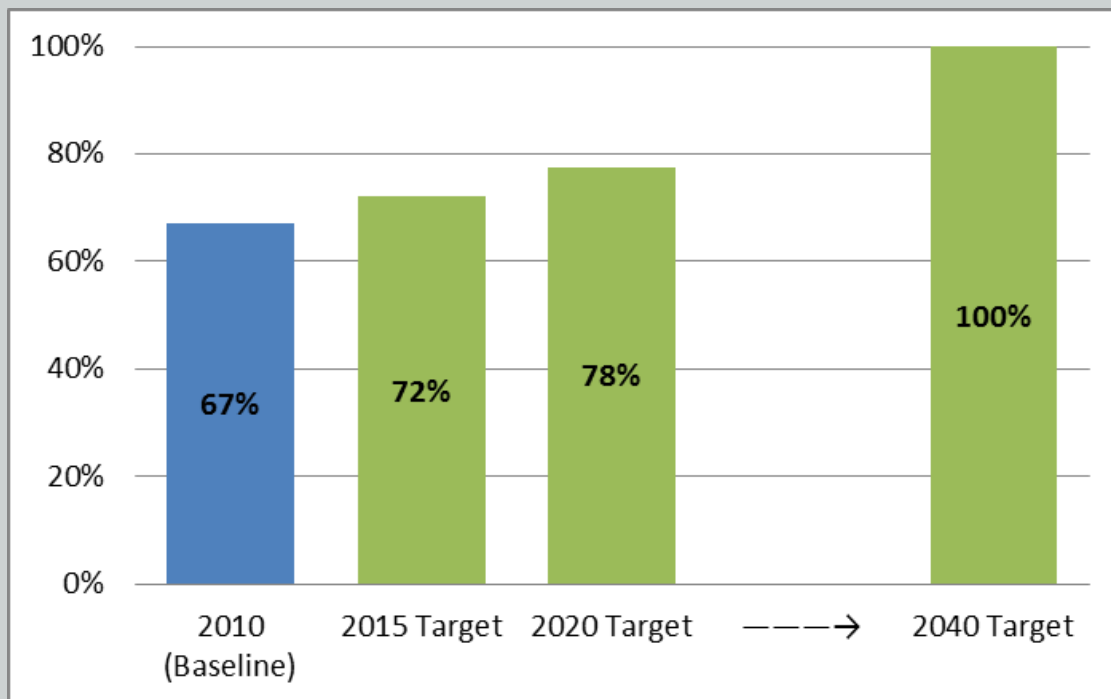
- Dense areas: population with access to 4 acres per 1,000 people
- Less dense areas: population with access to 10 acres per 1,000 people

Expand and Improve Parks and Open Space

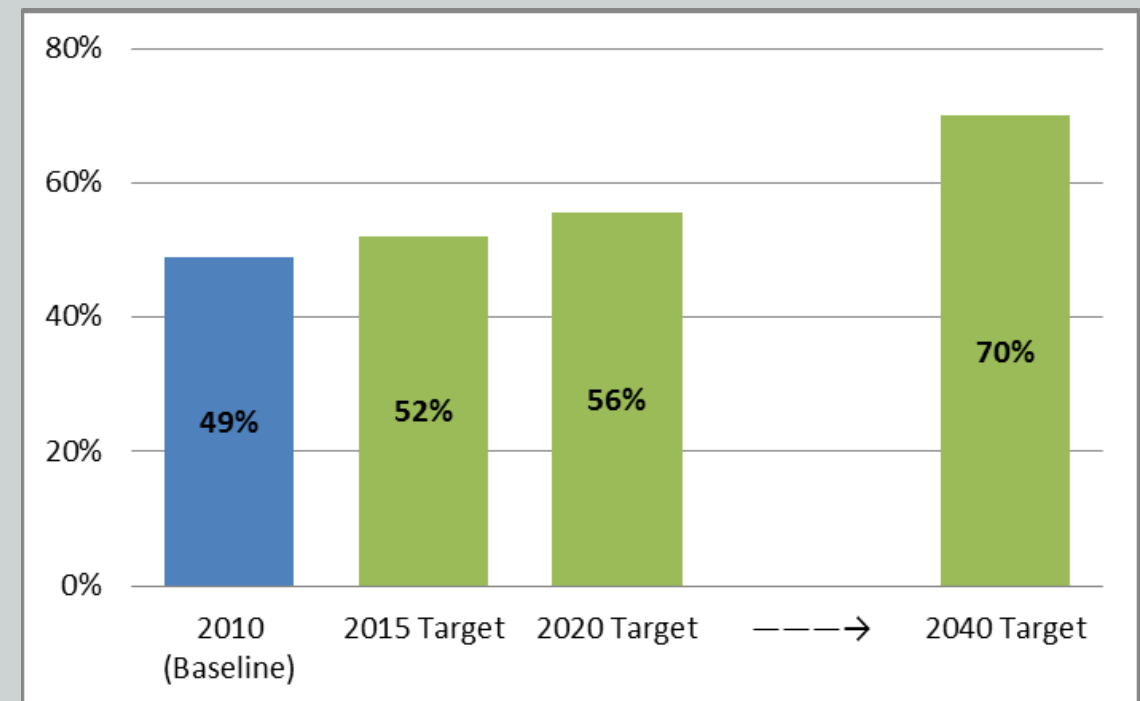


Regional Access to Parks

4 acres per 1,000 people



10 acres per 1,000 people



Expand and Improve Parks and Open Space



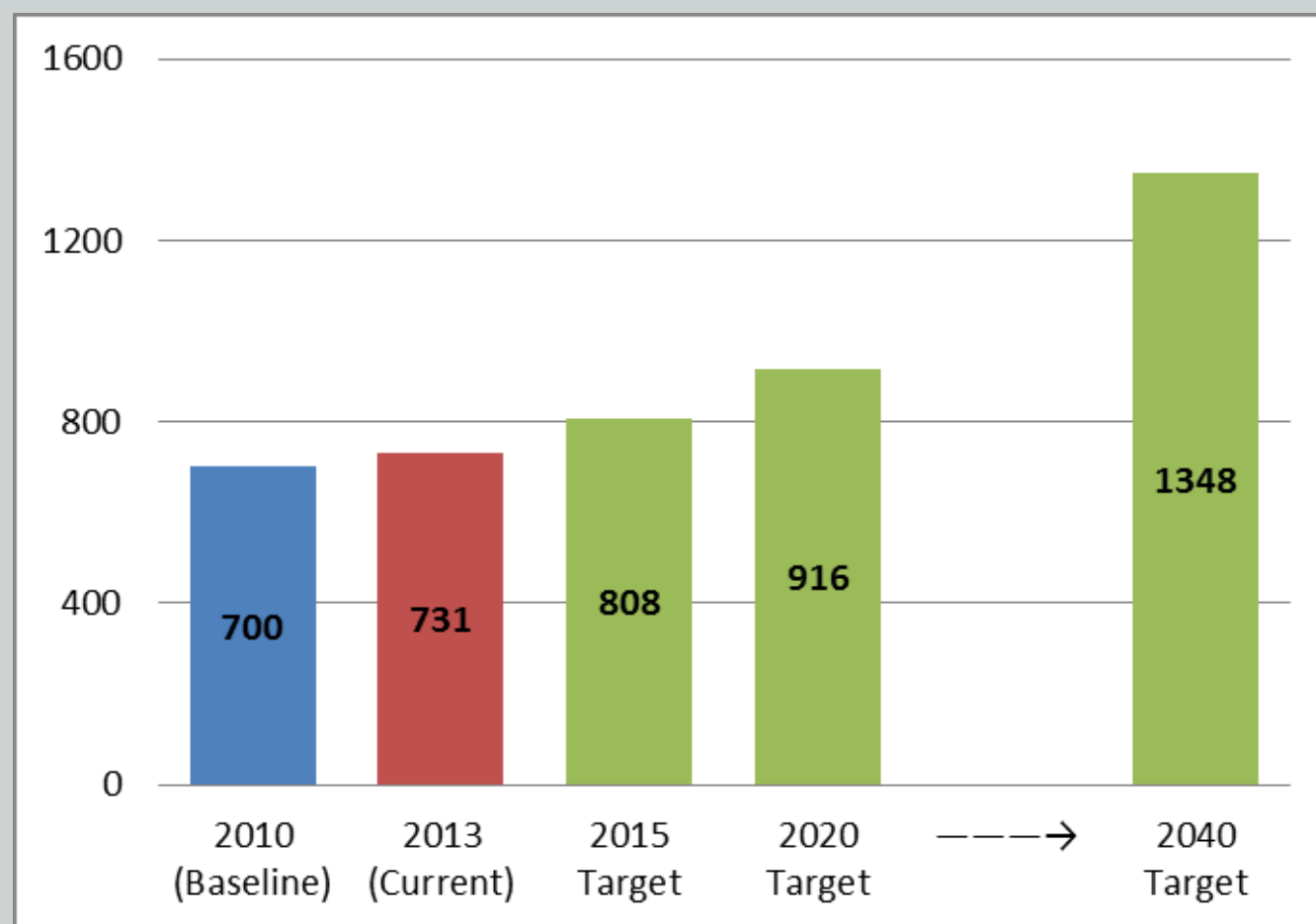
Trail Greenway Mileage

**Off-street trails for walking or bicycling
that connect parks or conservation
areas**

Expand and Improve Parks and Open Space



Trail Greenway Mileage



RECOMMENDATION

4 Promote sustainable local food





Promote Sustainable Local Food

Acres of Land Harvesting Food for Human Consumption

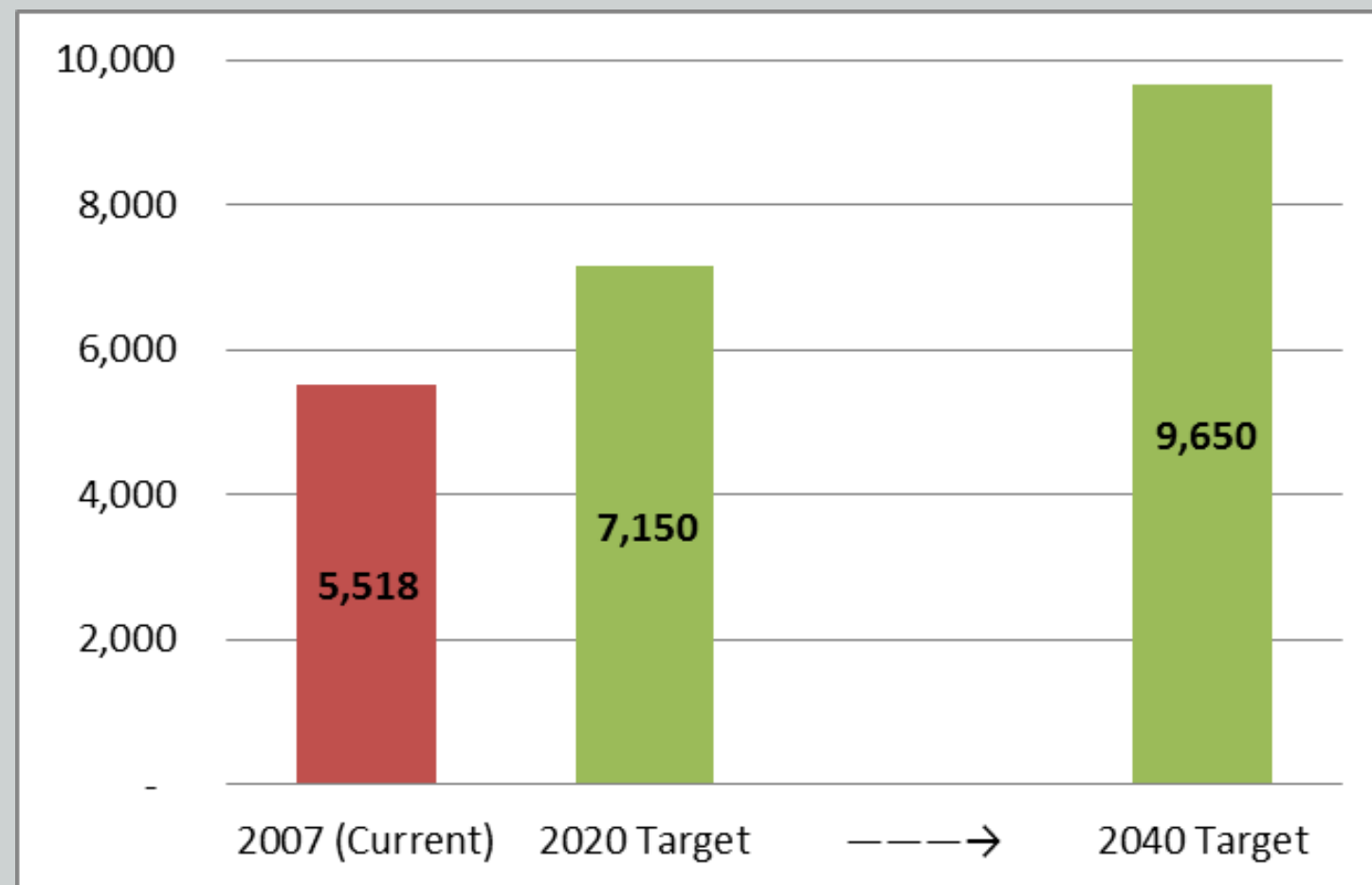
Direct consumption includes:

- Orchards
- Peanuts
- Potatoes and sweet potatoes
- Vegetables



Promote Sustainable Local Food

Acres of Land Harvesting Food for Human Consumption





Promote Sustainable Local Food

Value of Agricultural Products Sold Directly to Individuals for Human Consumption

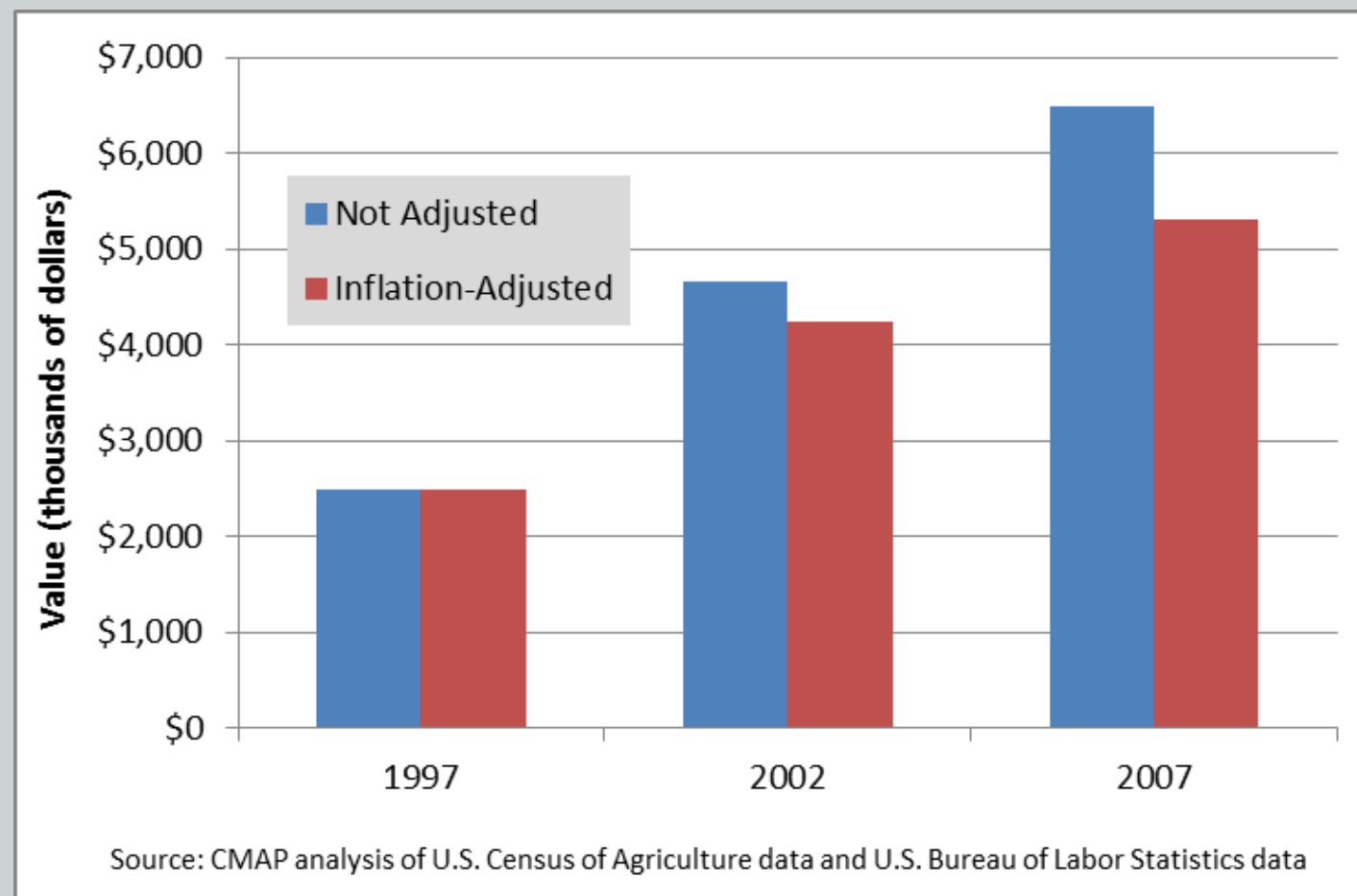
Dollar value of products sold directly to individuals for consumption from:

- Roadside stands
- Farmers' markets
- Pick-your-own sites



Promote Sustainable Local Food

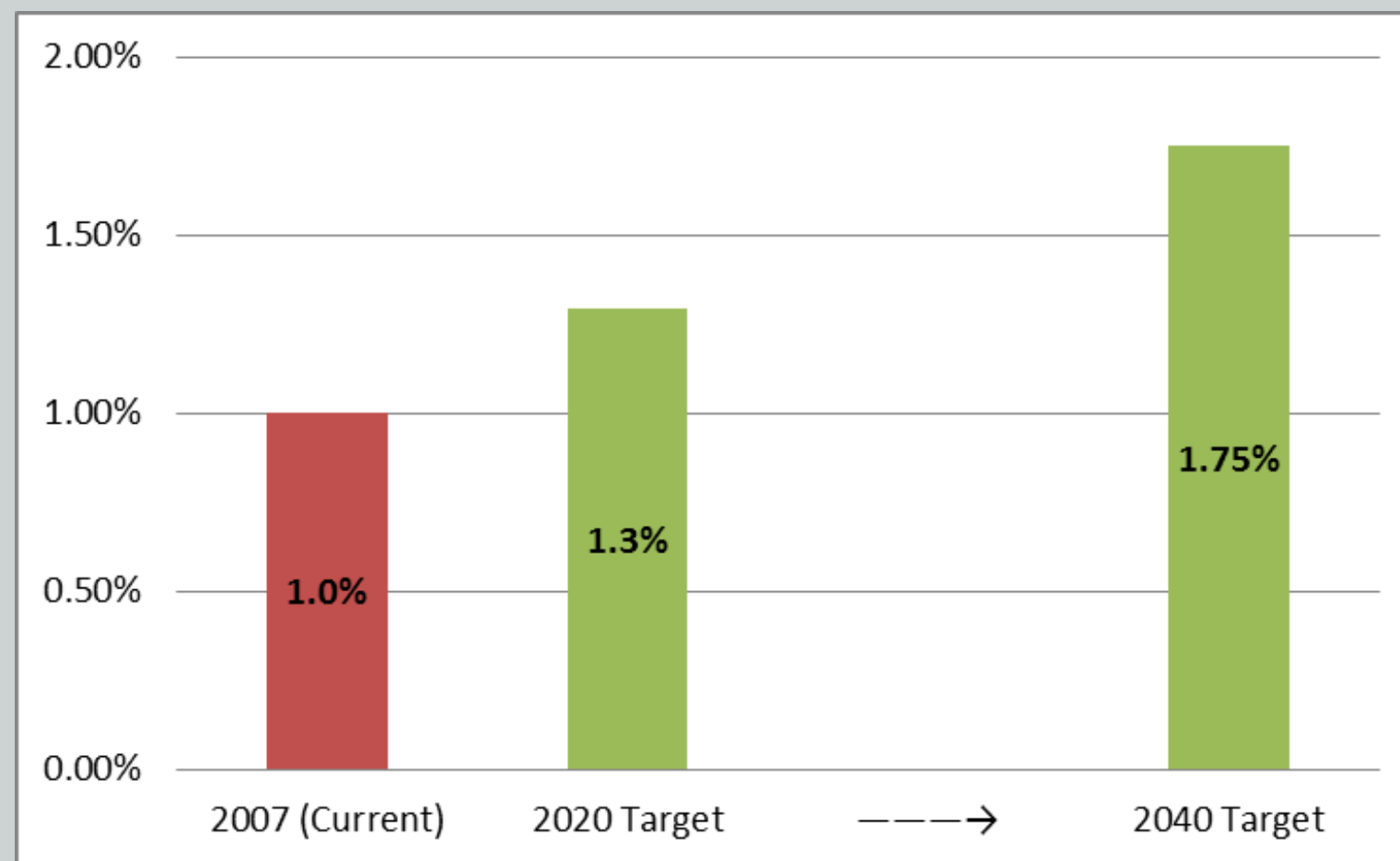
Value of Agricultural Products Sold Directly to Individuals for Human Consumption



Promote Sustainable Local Food



Ratio: value of products sold for human consumption divided by total value of agricultural products





Promote Sustainable Local Food

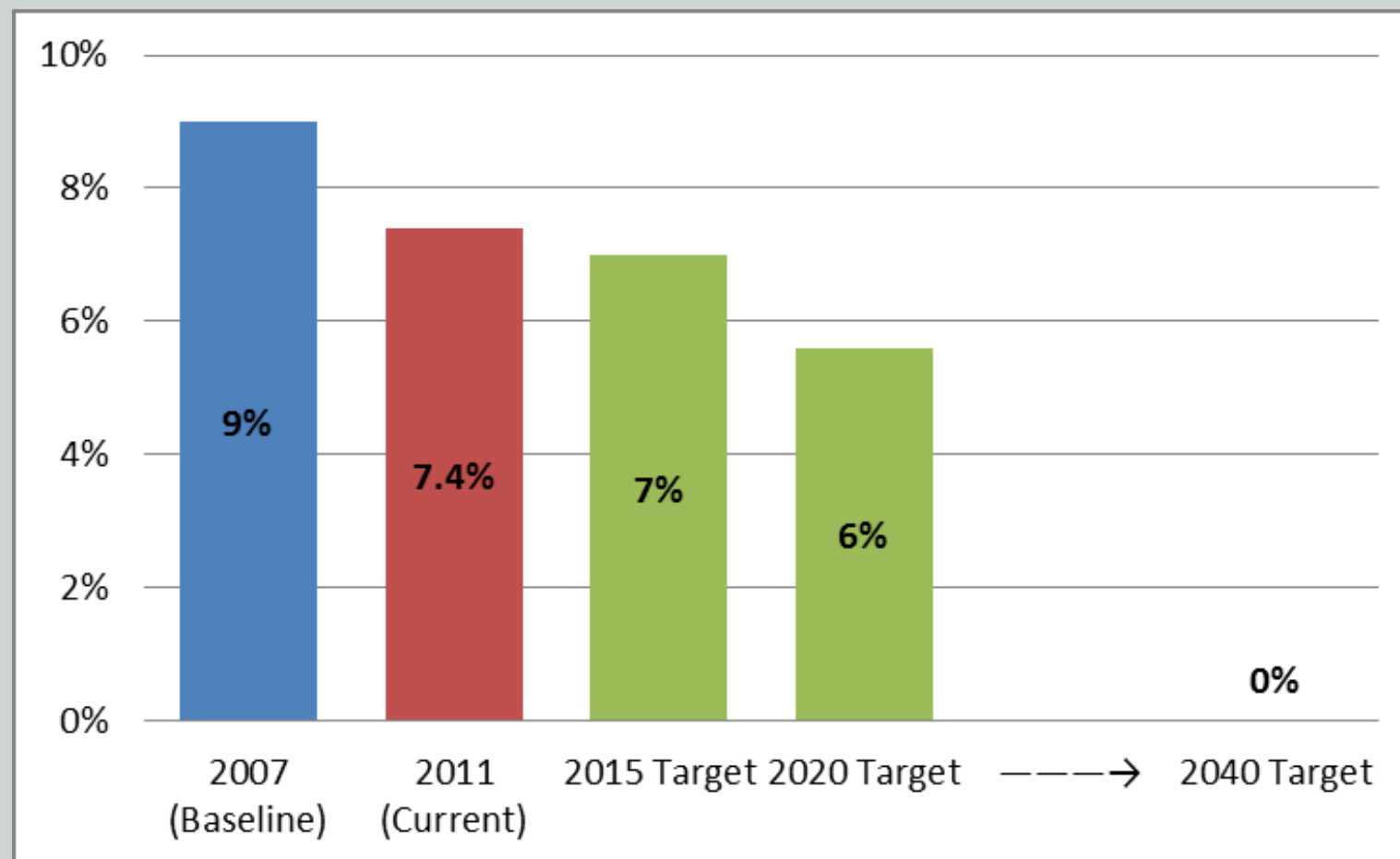
Percentage of Population Living in Food Deserts

- **Chicago State University study**
- **Accessibility to large supermarkets**
- **Normalized for urban/suburban/rural areas**
- **Census tracts where median household income below regional median**



Promote Sustainable Local Food

Percentage of Population Living in Food Deserts





THANK YOU

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