DELAWARE VALLEY dvrpc REGIONAL PLANNING COMMISSION

Municipal Outreach Program

Food Systems Planning

February 21, 2013

Speakers

- Christina Arlt, DVRPC

- Alison Hastings, DVRPC

- Tom Daniels, University of Pennsylvania

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Webinar Outline

- Overview of DVRPC (Christina)
- Introduction (Alison)
- A National Perspective (Tom)
- Local Case Studies (Alison)
- Next Steps (Tom)
- Question and Answer (Christina)

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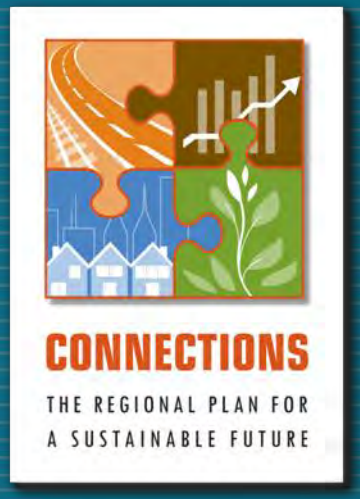
The 9 County DVRPC Region

Metropolitan Planning Organization



Long Range Plan

- *Connections—*
  The Regional Plan for a Sustainable Future
- land use and transportation plan
- provides a vision of the region's future through 2035
- serves as blueprint for future transportation facilities & services

http://www.dvrpc.org/LongRangePlan/

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Municipal Outreach

Municipal Implementation Tools

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Food System Terms

- Agriculture
- Food Access
- Food Deserts
- Food Economy
- Food Hubs
- Food Justice
- **Food Systems** (local, regional, national, global, alternative, conventional)
- Food Production
- Food Retail
- Food Security/Insecurity
- Local Food
- Urban Agriculture (suburban, peri-urban, urban)

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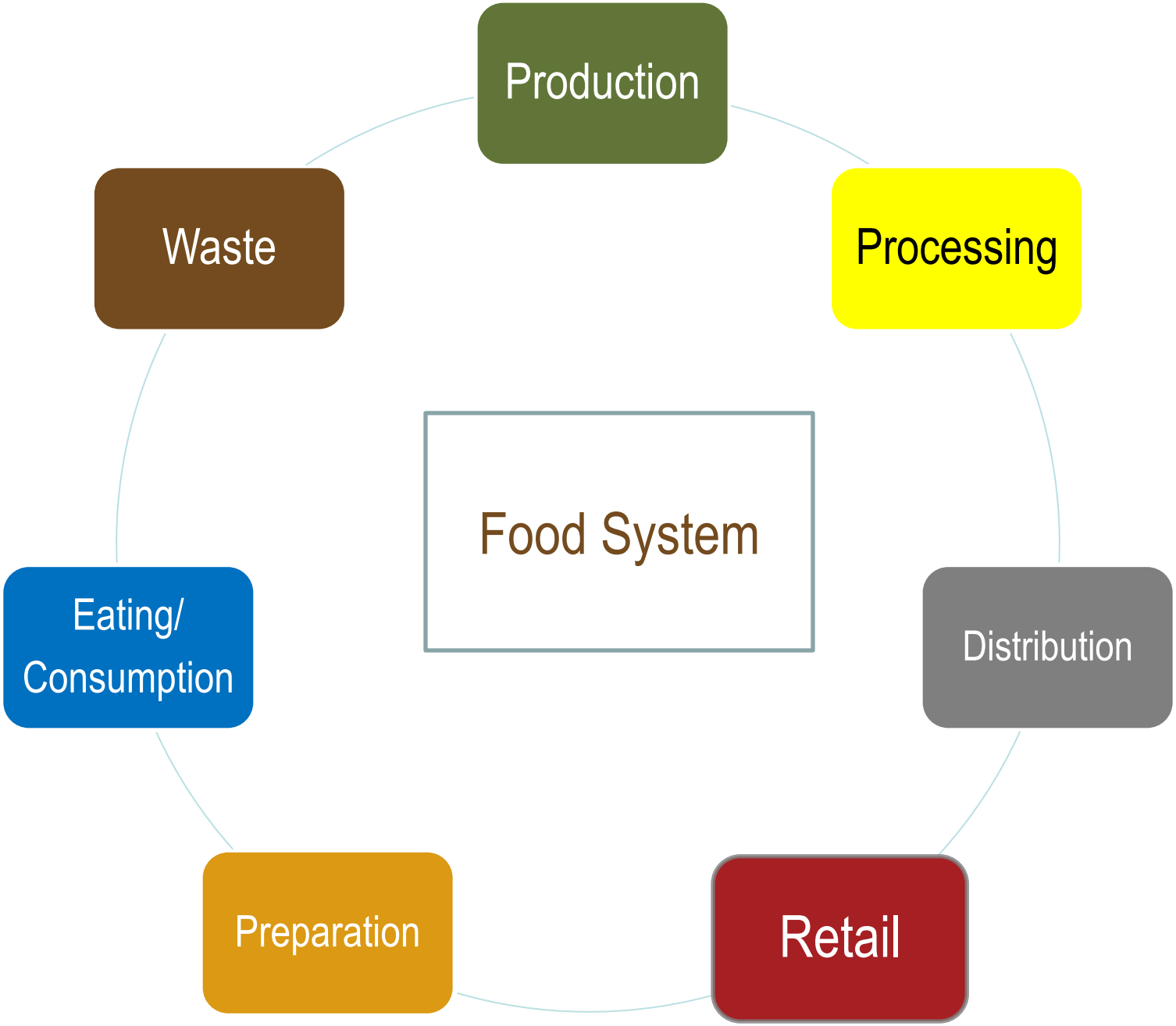
Production
Processing
Distribution
Retail
Preparation
Eating/
Consumption
Waste
Food System

Lancaster County, PA

Gloucester County, NJ

Cumberland County, NJ

Lancaster County, PA

Urban Agriculture

Specialty Crops

Agriculture and Heritage

Food Retail

Many Reasons Why Local Governments & Agencies Address Food System Issues

- Food is important in every geography. Everybody eats.
- **Land Use**: food system activities make up a large percentage of land use.
- **Environment**: working landscapes provide many environmental benefits; agriculture is a major cause of negative environmental impacts
- **Health**: food safety; ensuring access to affordable, safe, fresh, and healthy food to all residents.

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Many Reasons Why Local Governments & Agencies Address Food System Issues

- **Economic development**: many food-related businesses are locally-owned; 91% of all food companies have 50 employees or less; “food & beverage” is the fastest growing business sector; development and infill opportunities
- **Transportation**: food makes up significant amount of long-haul and short-haul freight (trucks); relies on multi-modal hubs; large proportion of household trips
- **National security**: ensuring domestic supply of food.

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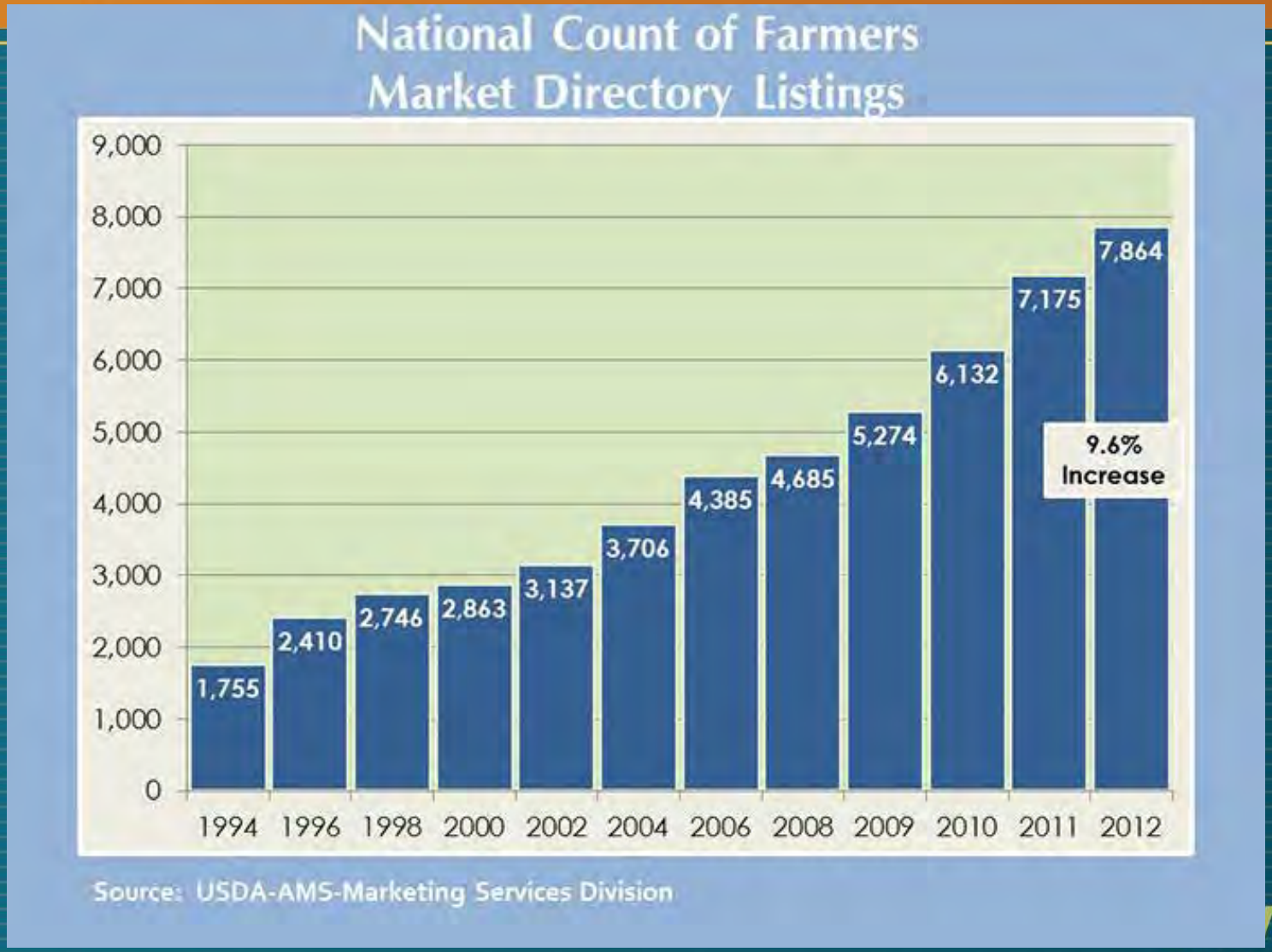
Pennsylvania's Agricultural Industry

Value of Sales by Commodity Group	2009 Sales	% of PA Sales	2009 State Rank
Milk and other dairy products	$1,509,840,000	30.3%	4
Poultry and eggs	$895,638,000	18.0%	4
All Other Crops (ex. maple, mushroom, nursery products)	$821,342,000	16.5%	NA
Feed crops	$554,648,000	11.1%	4
Cattle and calves	$413,672,000	8.3%	19
Hogs and pigs	$170,086,000	3.4%	12
Fruits, tree nuts, and berries	$162,469,000	3.3%	5
Vegetables, melons, potatoes, sweet potatoes	$142,890,000	2.9%	12

Increase of Farmers Markets



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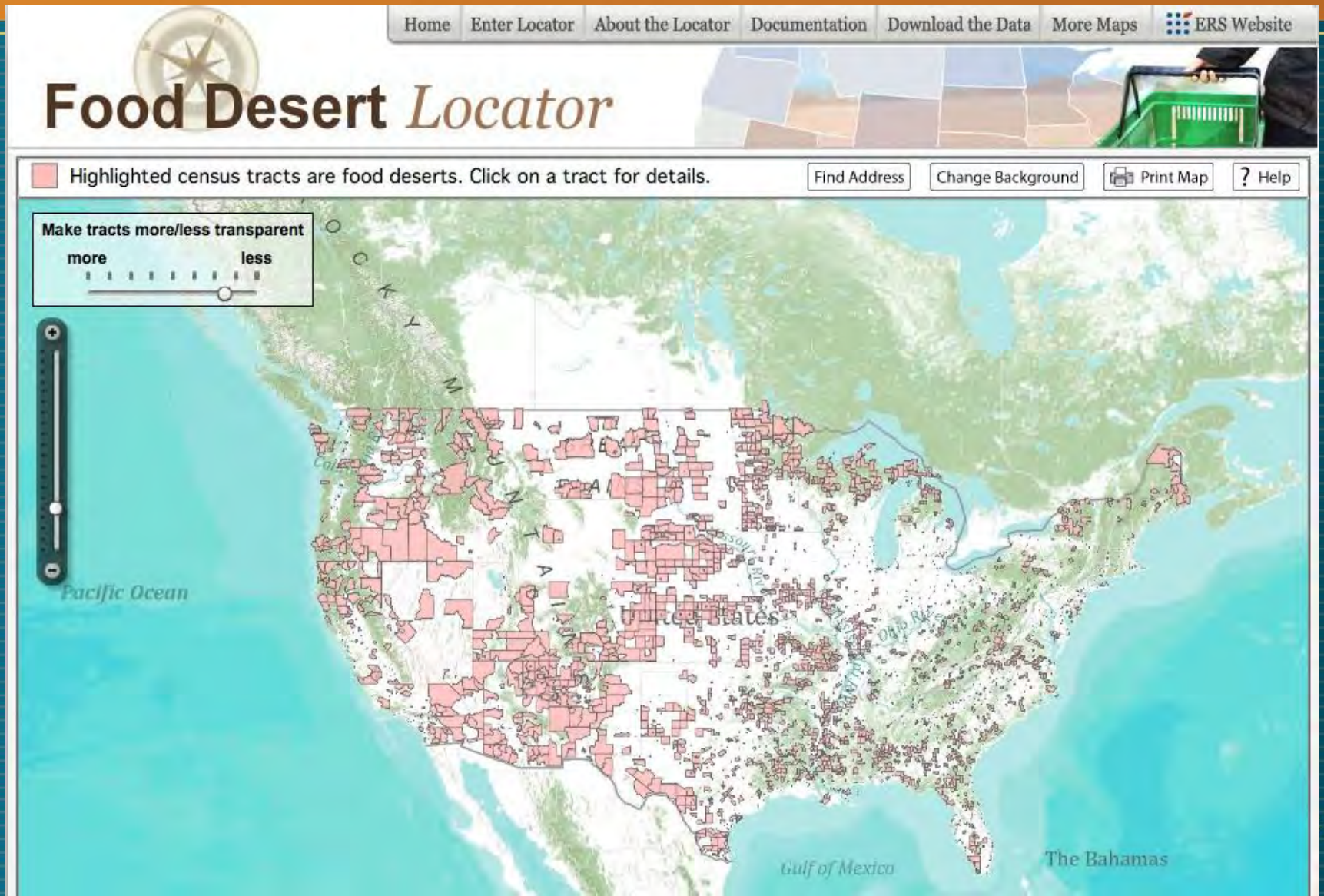
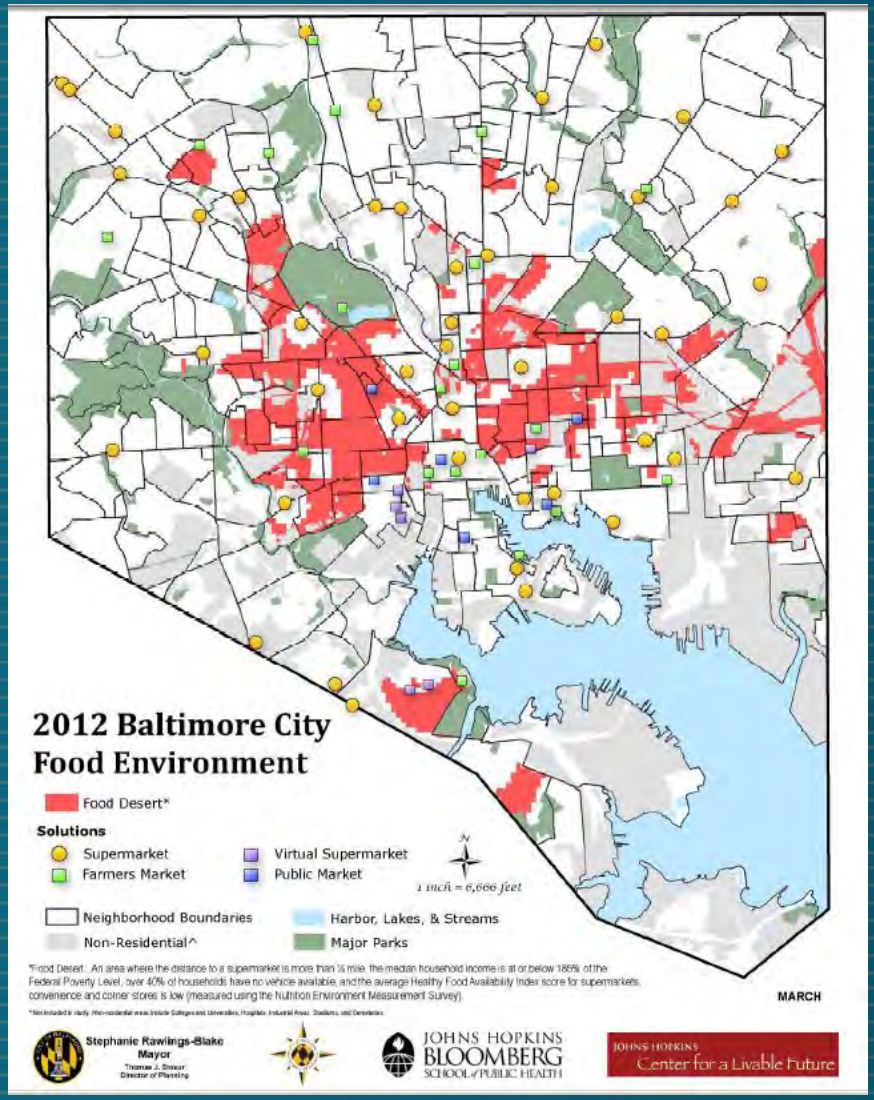
Incidence of Food Deserts



A National Perspective



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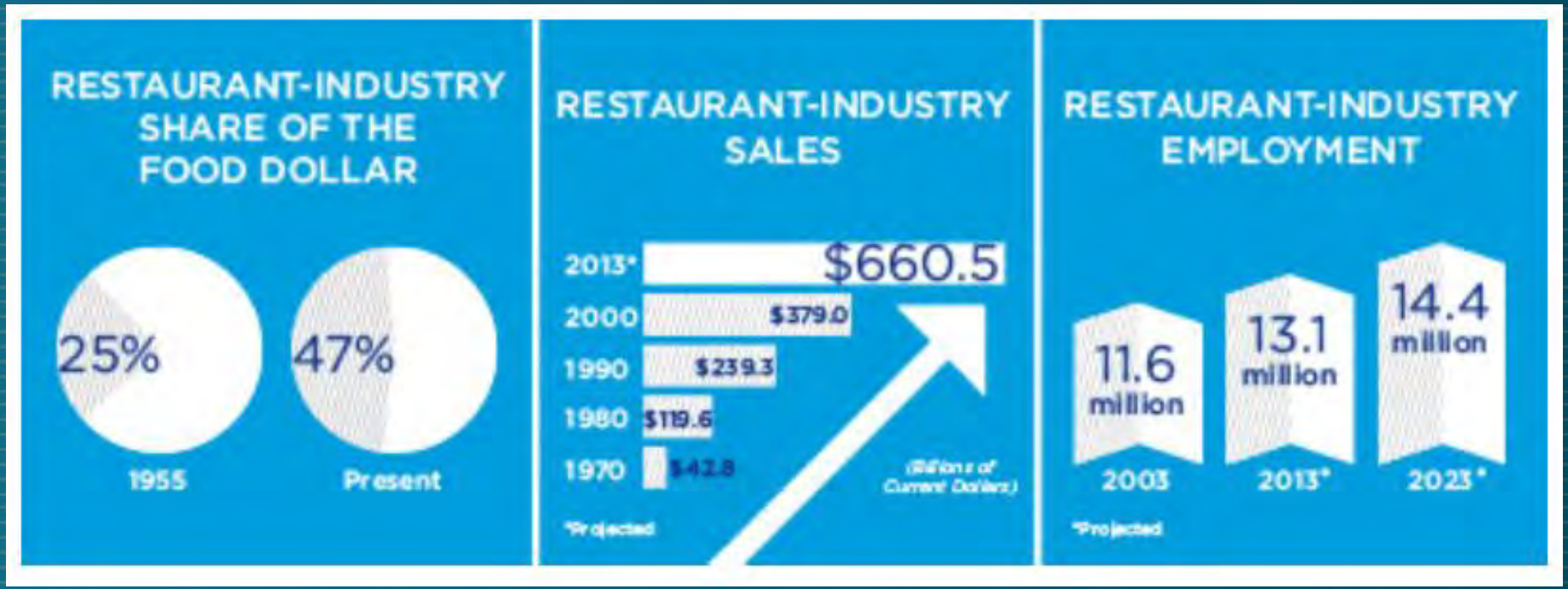
Restaurant Industry



Source: National Restaurant Association, 2012.

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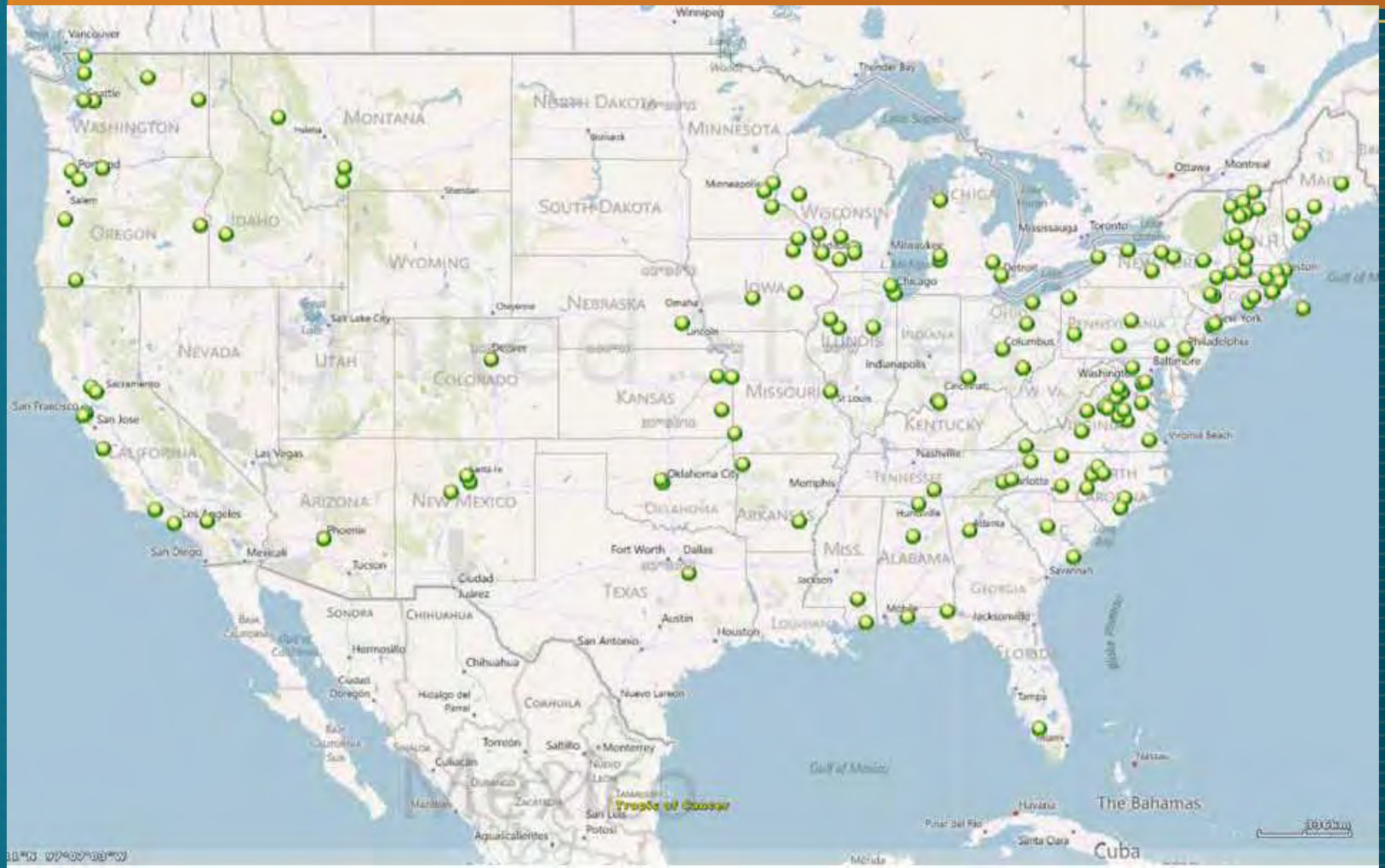
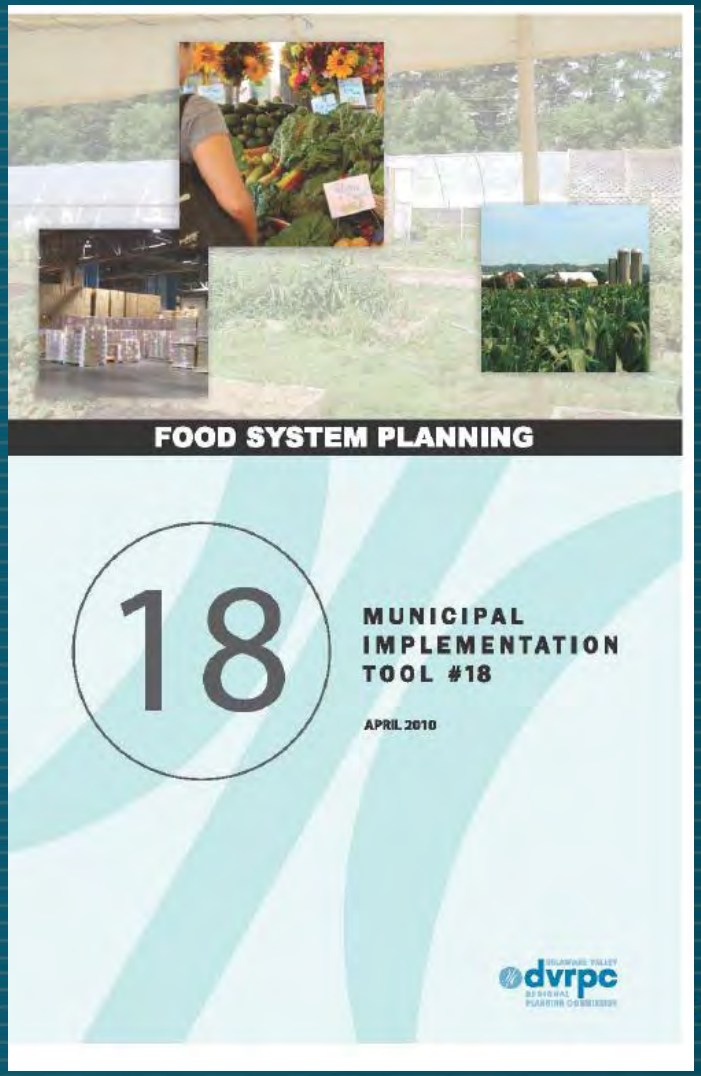
Food Hubs



Vancouver
Seattle
Washington
Montana
North Dakota
Minnesota
Winnipeg
Thunder Bay
Portland
Salem
Oregon
Idaho
Wyoming
South Dakota
Minneapolis
Wisconsin
Michigan
Ottawa
Montreal
Mississauga
Toronto
Milwaukee
Chicago
Detroit
Iowa
Nebraska
Omaha
Lincoln
Salt Lake City
Nevada
Utah
Colorado
Denver
Kansas
Missouri
Illinois
Indiana
Indianapolis
Ohio
Columbus
Pennsylvania
Philadelphia
Baltimore
Washington
New York
Sacramento
San Francisco
San Jose
California
Las Vegas
Arizona
New Mexico
Oklahoma City
Oklahoma
Arkansas
Memphis
Tennessee
Nashville
Kentucky
Cincinnati
Virginia
Virginia Beach
Los Angeles
San Diego
Mexicali
Phoenix
Tucson
Fort Worth
Dallas
Texas
Miss.
Alabama
Atlanta
Georgia
Savannah
Jackson
Louisiana
Mobile
Jacksonville
Florida
Tampa
Ciudad Juárez
Sonora
Chihuahua
Austin
Houston
San Antonio
Hermosillo
Chihuahua
Ciudad Obregón
Hidalgo del Parral
Coahuila
Nuevo Laredo
Torreón
Saltillo
Monterrey
Culiacán
Durango
Zacatecas
San Luis Potosí
Aguascalientes
Tropic of Cancer
Gulf of Mexico
Havana
Pinar del Río
Santa Clara
Cuba
The Bahamas
Mérida

At the Local Level

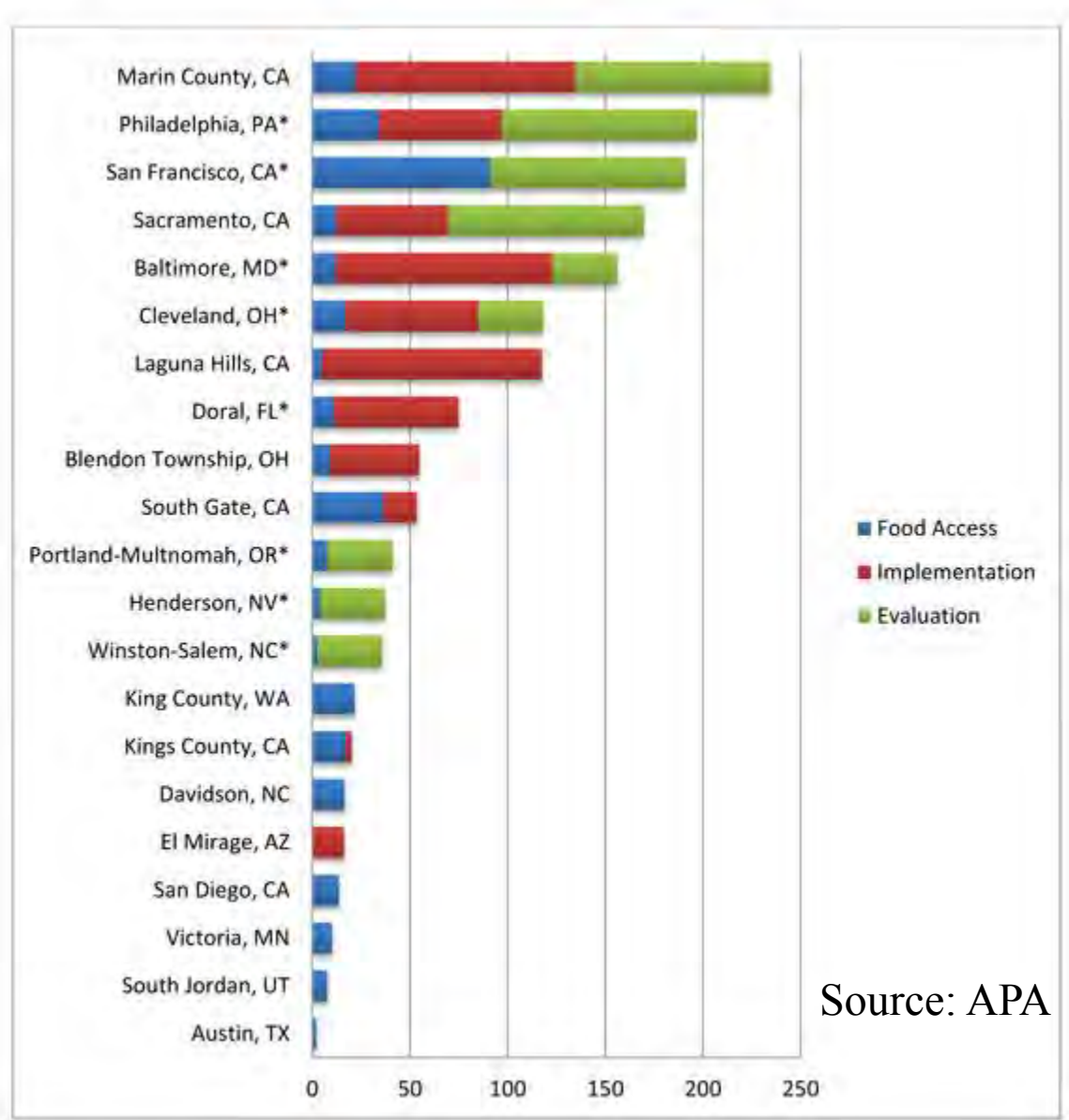
- Comprehensive Planning
- Ordinances
- Incentives/Programs
- *Remove Barriers*
- *Permit*
- *Incentivize*



Food System Planning at Local Level

Recent survey by APA

- 888 local government agencies (munis, counties)
- Comprehensive Plans as well as stand-alone sustainability plans
- Chart: Plans with "principles of healthy, sustainable food systems"



Source: APA

DVRPC's Food Systems Planning Projects

http://www.dvrpc.org/Food/

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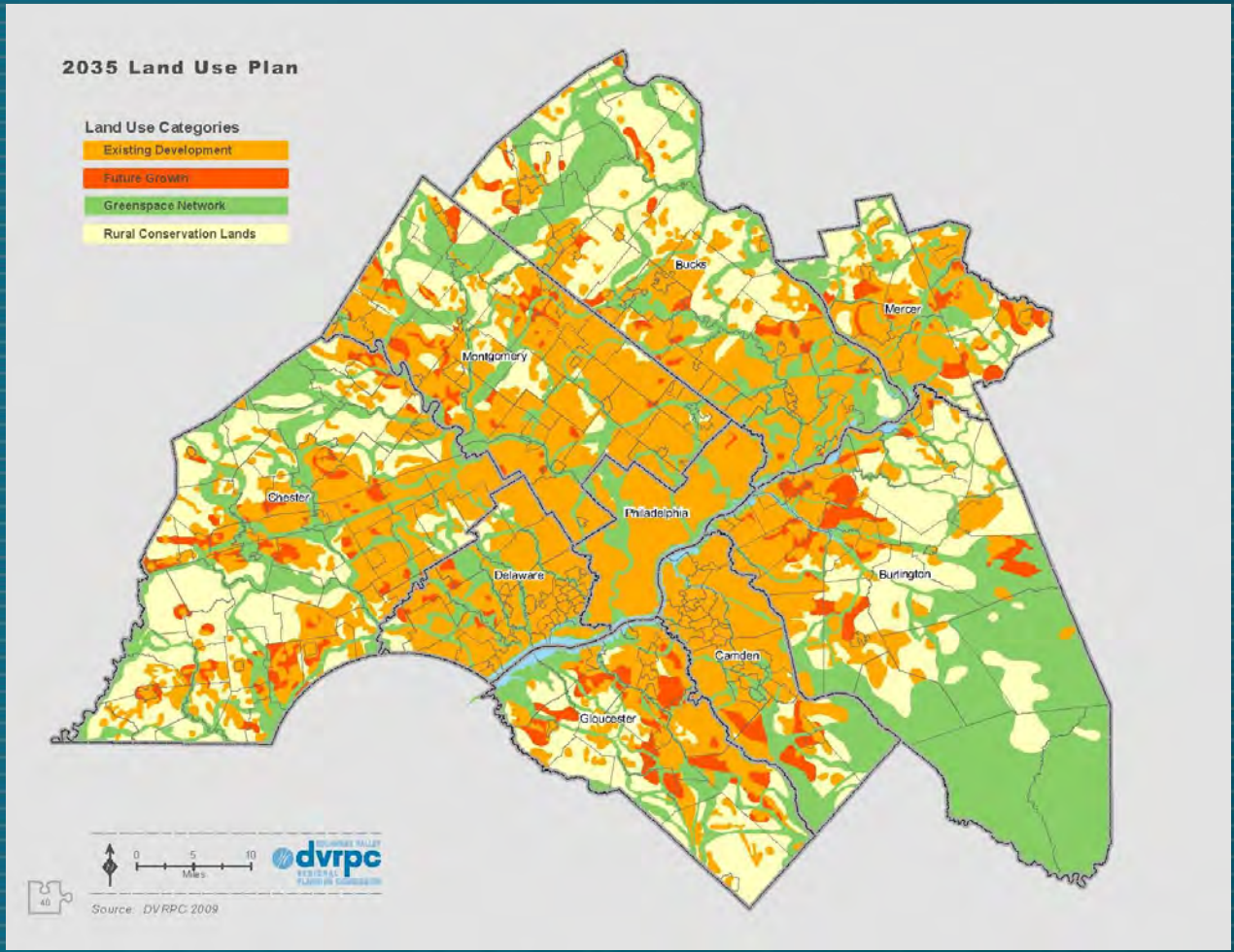
DVRPC's Long Range Plan: *Connections 2035*



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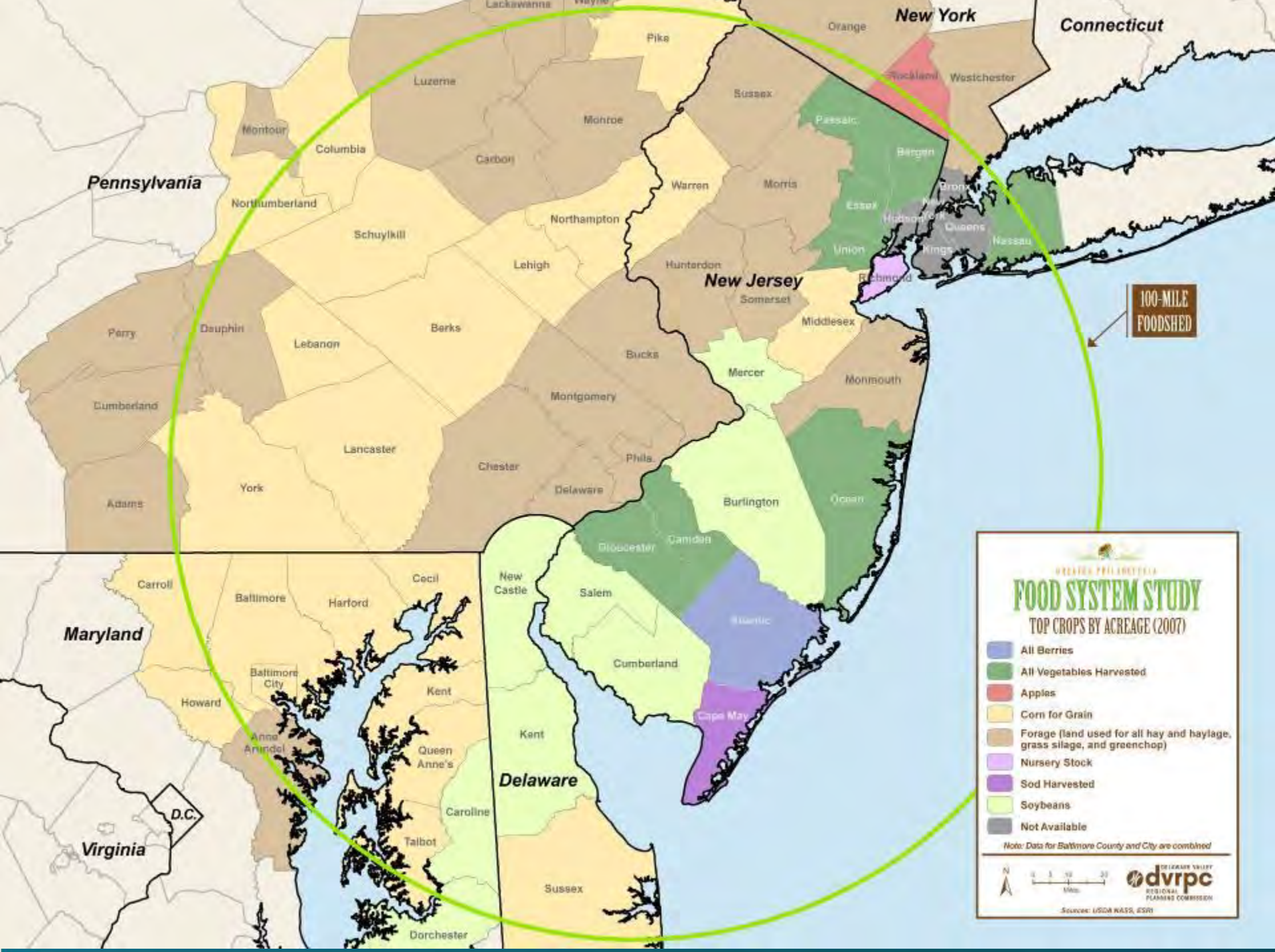
New York
Connecticut
Pennsylvania
New Jersey
Maryland
Delaware
Virginia
D.C.
100-MILE FOODSHED
Lackawanna
Wayne
Pike
Orange
Rockland
Westchester
Luzerne
Sussex
Montour
Columbia
Monroe
Carbon
Passaic
Bergen
Warren
Morris
Northumberland
Essex
Bronx
Hudson
Queens
Nassau
Schuylkill
Northampton
Union
Kings
Lehigh
Hunterdon
Richmond
Somerset
Perry
Dauphin
Berks
Middlesex
Lebanon
Bucks
Mercer
Monmouth
Cumberland
Montgomery
Lancaster
Chester
Phila.
York
Delaware
Adams
Burlington
Ocean
Gloucester
Camden
Carroll
Baltimore
Harford
Cecil
New Castle
Salem
Atlantic
Baltimore City
Howard
Kent
Cumberland
Anne Arundel
Queen Anne's
Cape May
Kent
Caroline
Talbot
Sussex
Dorchester
FOOD SYSTEM STUDY
TOP CROPS BY ACREAGE (2007)
All Berries
All Vegetables Harvested
Apples
Corn for Grain
Forage (land used for all hay and haylage, grass silage, and greenchop)
Nursery Stock
Sod Harvested
Soybeans
Not Available
Note: Data for Baltimore County and City are combined
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Sources: USDA NASS, ESRI

Plans

FoodWorks: A Vision to Improve NYC's Food System

- NYC Council
- Move from food *insecurity* to food *opportunity*
- Specific recommendations for a broad array of implementers (local government, state/federal government, nonprofit, general population).
- Ex. Streamline the Green Roof permitting process; Support farmers in upstate watersheds

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Ordinances

Lots of examples of ordinances that permit or encourage local food production:

- **Kansas City, MO** – non-commercial agriculture permitted in all residential districts
- **San Francisco, CA** – commercial agriculture permitted in all commercial and industrial districts; greenhouses, nurseries, and other commercial ag permitted by conditional use permit.
- **Cleveland, OH** – Proposed Urban Garden Overlay District
- **Seattle, WA** – Residents may plant food abutting residence

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Ordinances

Lots of examples of ordinances that permit or encourage local food production:

- Milford, DE – Planned Unit Development density bonus with additional land set aside for community gardens
- Burlington, VT – Agricultural Processing and Energy Zoning District
- Baltimore City, MD – added urban agriculture provisions within existing zoning code and building code. Created new animal husbandry regulations – bees, chickens, rabbits and goats
- Pittsburgh, PA – Urban Agriculture Ordinance

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Incentives and Programs

NYC's Fresh Food Retail Program

- Targeted Areas
- Incentives to supermarket operators or developers who renovated existing outlets or build new outlets
- Mixed use density bonuses (more residential sf)
- No additional parking requirements

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Incentives and Programs

Lehigh County's Agricultural Business Incubator - Seed Farm

- Born out of Farmland Preservation Program
- Farmer training program
- Farmers who graduate from 3-year apprentice program can apply to run own farm on preserved/county land.
- Bringing in newcomers

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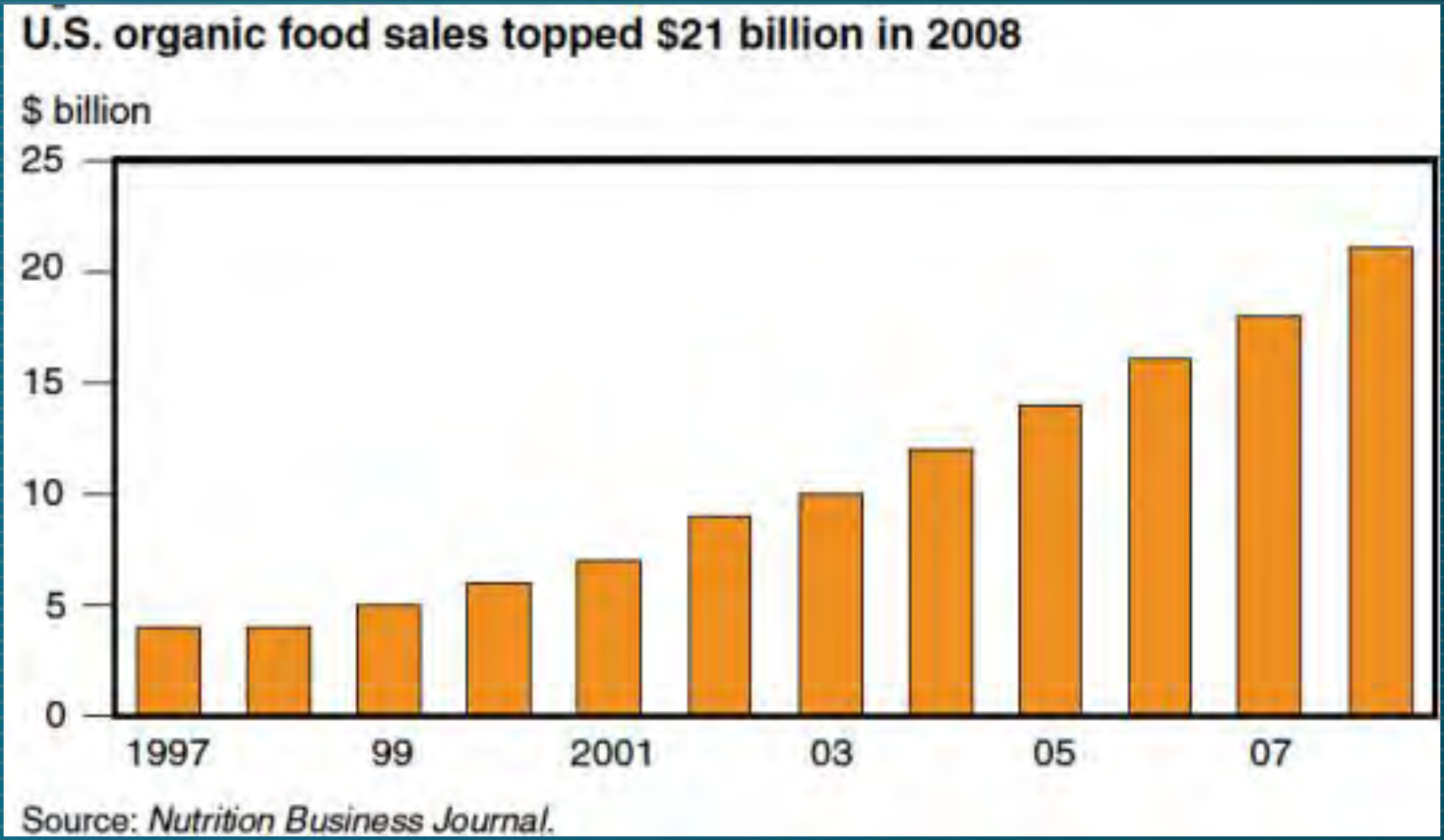
A National Perspective



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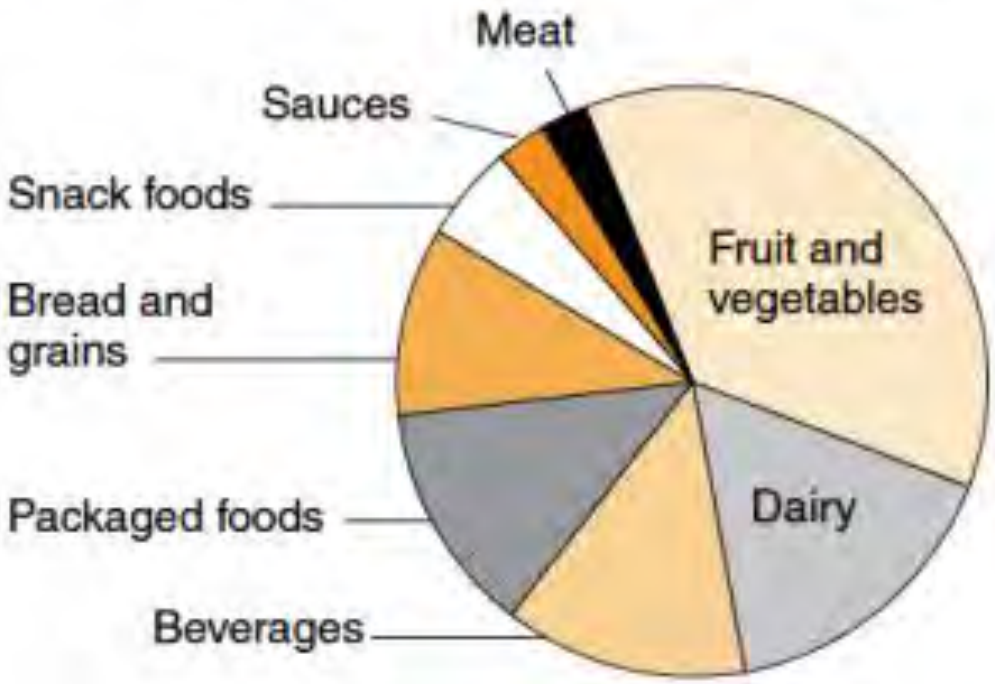
A National Perspective

Fruits, vegetables, and dairy accounted for over half of the $19 billion organic food market in 2007



Source: *Nutrition Business Journal.*

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A National Perspective

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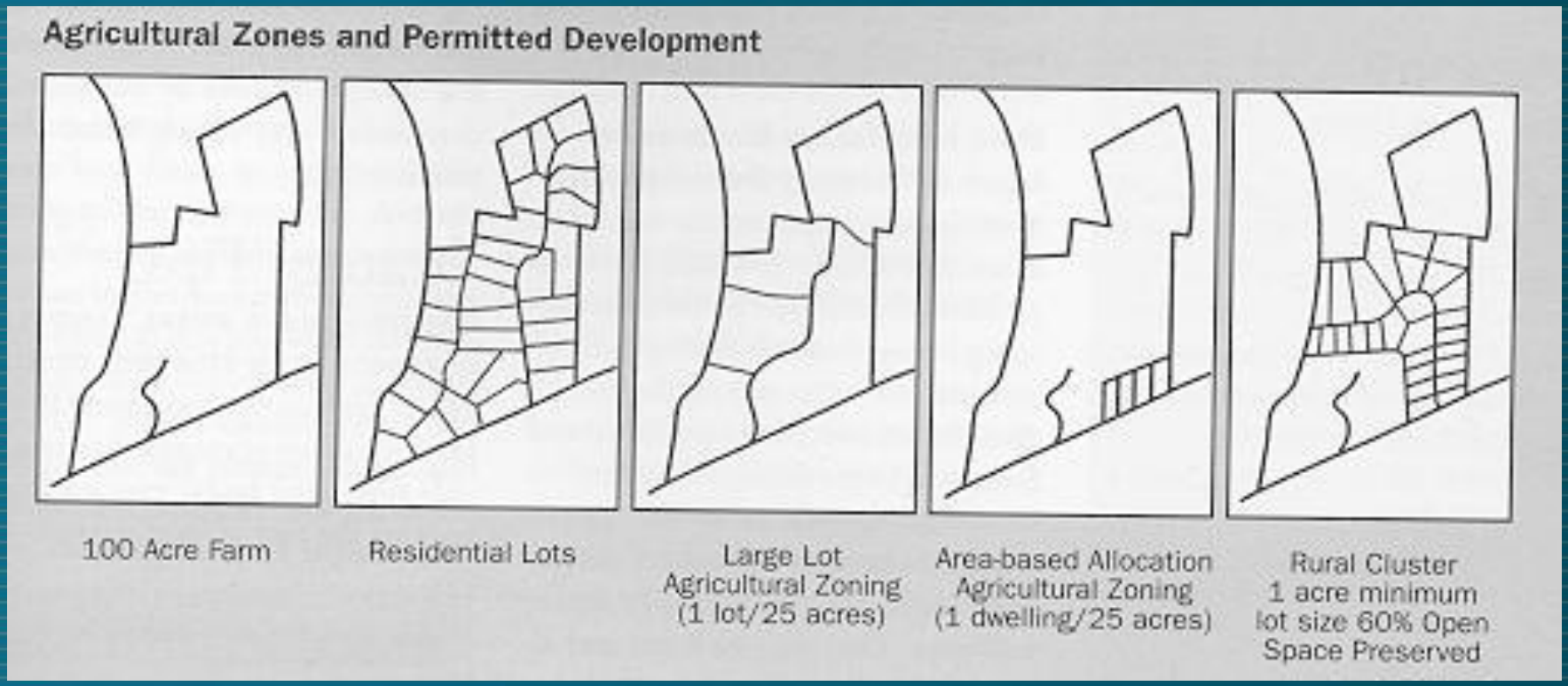

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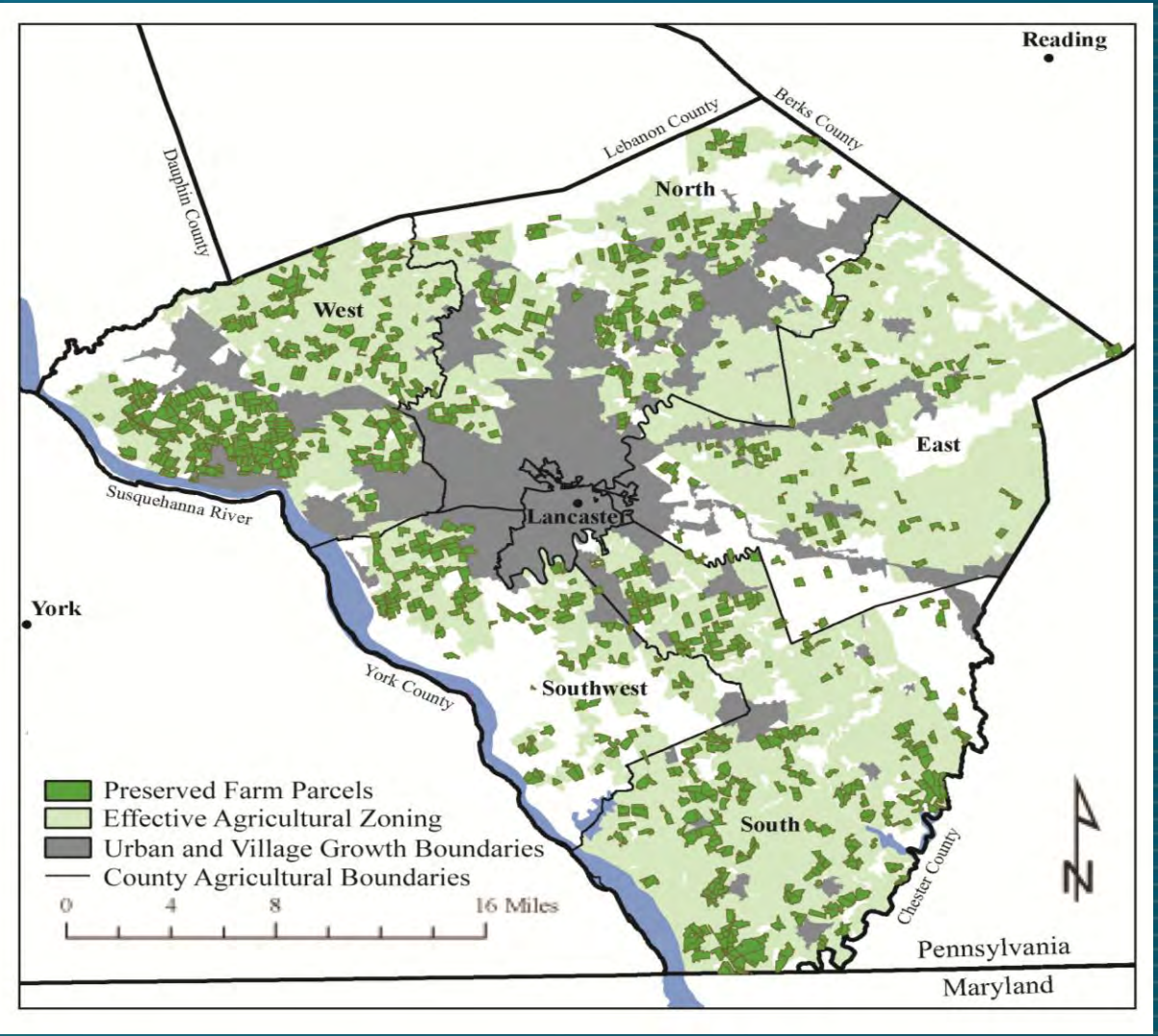
A National Perspective



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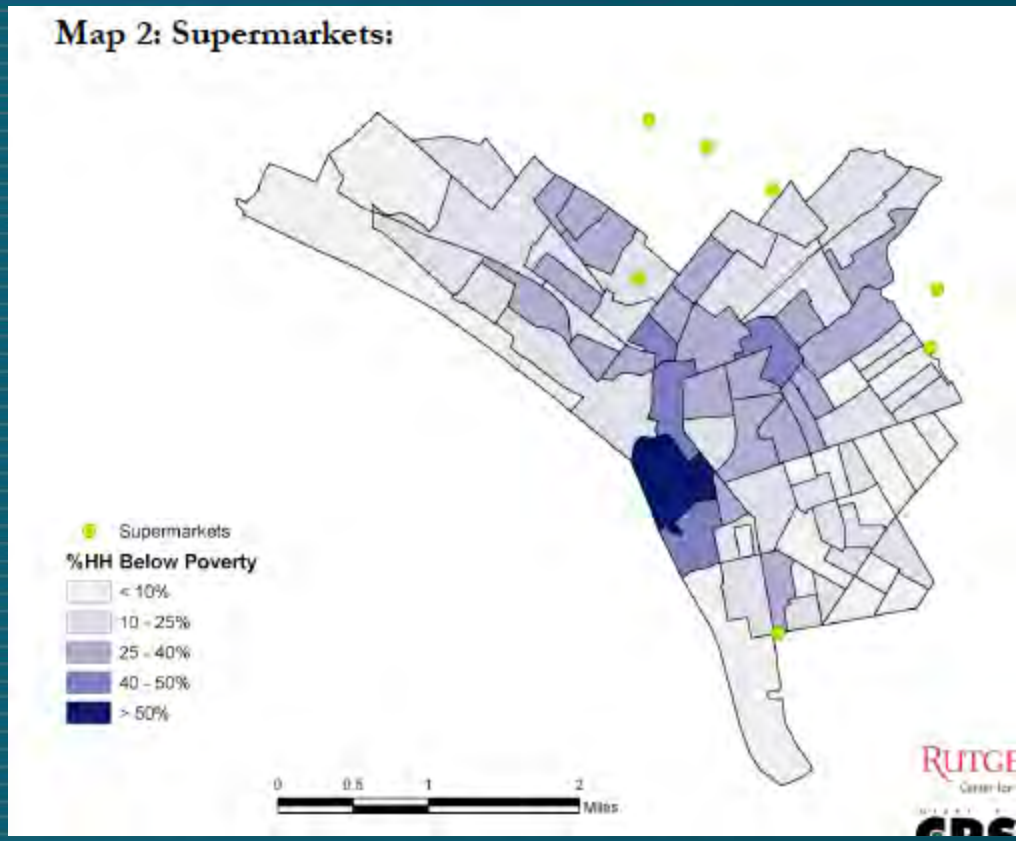
Local Example: Food Security in Trenton (2011)

- Undertaken by Rutgers University's Bloustein School of Planning & Public Policy students in collaboration with Isles, Inc.
- Mapping
- Food Price & Quality Survey
- Recommendations for City of Trenton, nonprofit organizations and community members

http://policy.rutgers.edu/academics/projects/practicums/trenton2011.pdf



Source: Rutgers Bloustein School of Planning & Public Policy, CRSSA

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Local Example: Pittsburgh's Urban Agriculture Ordinance

- Drafted in 2010
- Passed in 2011
- Lots of community input
- City Planning brought together multiple city agencies to discuss real and perceived concerns.
- Specifically addresses bee-keeping and chicken (honey and eggs)

http://www.pittsburghpa.gov/dcp/

Pittsburgh Department of City Planning

Urban Agriculture Zoning

WHAT NEEDS TO BE ON MY SITE PLAN?

The site plan must include:

- Property address and parcel number
- Name and contact information for property owner
- Entire lot, including dimensions
- Scale of drawing
- Existing structures, including fencing and sheds
- Location and height of any proposed accessory structures, including storage sheds/containers, coops, hives and fencing
- Location and height of any proposed landscaping or fencing attributed to a flyway
- Distance between accessory structures and neighboring properties

I WANT TO GROW FOOD ON MY PROPERTY FOR PERSONAL CONSUMPTION AND WILL NOT BE SELLING IT. DO I NEED A PERMIT?

No, the growing of food for personal consumption is allowed in Pittsburgh and does not require a permit.

I WANT TO KEEP CHICKENS AND BEES IN MY YARD FOR PERSONAL USE. DO I NEED A PERMIT?

Yes, all uses that involve the housing of any animal including chickens and bees must go through the Special Exception hearing process.

AM I ALLOWED TO KEEP GOATS, PIGS OR OTHER ANIMALS IN MY YARD?

No, only bees or chickens are allowed as accessory uses. Other animals are allowed with Agriculture (General) as a primary use with a minimum lot size of three acres.

DO I NEED A SOILS TEST IN ORDER TO USE MY PROPERTY FOR URBAN AGRICULTURE?

Although a soils test is always advised, it is not a requirement of the Zoning Code in order to obtain a permit.

MY NEIGHBORS ALL REALLY LIKE THE CHICKENS AND BEES IN MY YARD. DO I STILL NEED A PERMIT?

Yes. Although neighbor support is key to a successful Urban Agriculture venture, you must still go through the process.

MY NEIGHBORS HAVE CHICKENS IN THEIR YARD BUT ARE NOT FOLLOWING THE REGULATIONS. WHO CAN I CALL?

Please dial 311 or use the 311 form on the City's website at www.city.pittsburgh.pa.us.

I WOULD LIKE TO GET STARTED WITH URBAN AGRICULTURE. CAN YOU PROVIDE ASSISTANCE?

The City does not maintain this type of resource. We recommend you contact local non-profits working in the field. These organizations include:

Burgh Bees
www.burghbees.com
info@burghbees.com

Grow Pittsburgh
www.growpittsburgh.org
5429 Penn Avenue
Pittsburgh, PA 15206
412-362-4769

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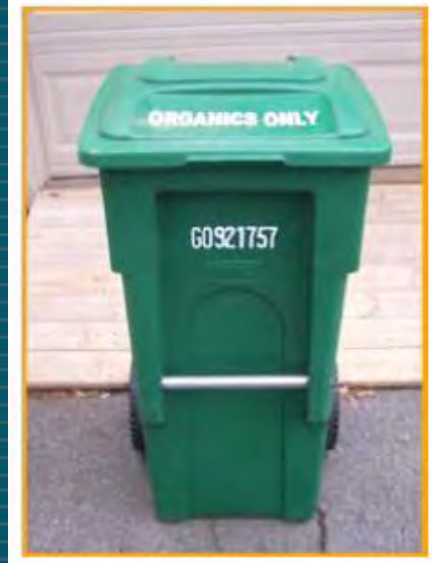
Local Example: Princeton's Food Waste Curbside Program

- Pilot Program served 460 people, 3 months, saved $7,500, diverted 60 tons
- $65 registration fee per household who wants to participate in program
- $46 /ton of food waste vs. $125/ton of municipal waste

http://www.princetonnj.gov/curbside-organics.html



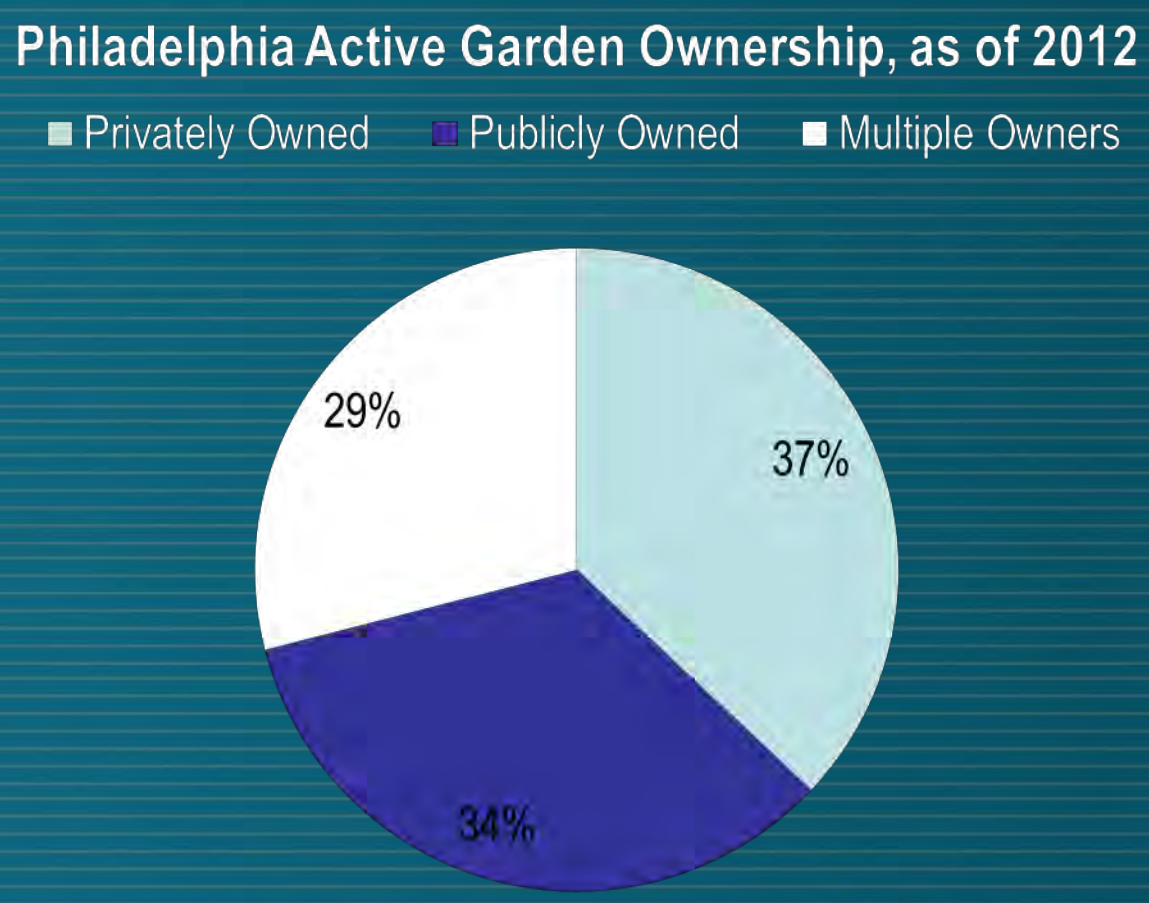
Healthy Habits

Stabilizing Neighborhoods

Economic Development

Elhadji
Beginning Farmer

Next Steps



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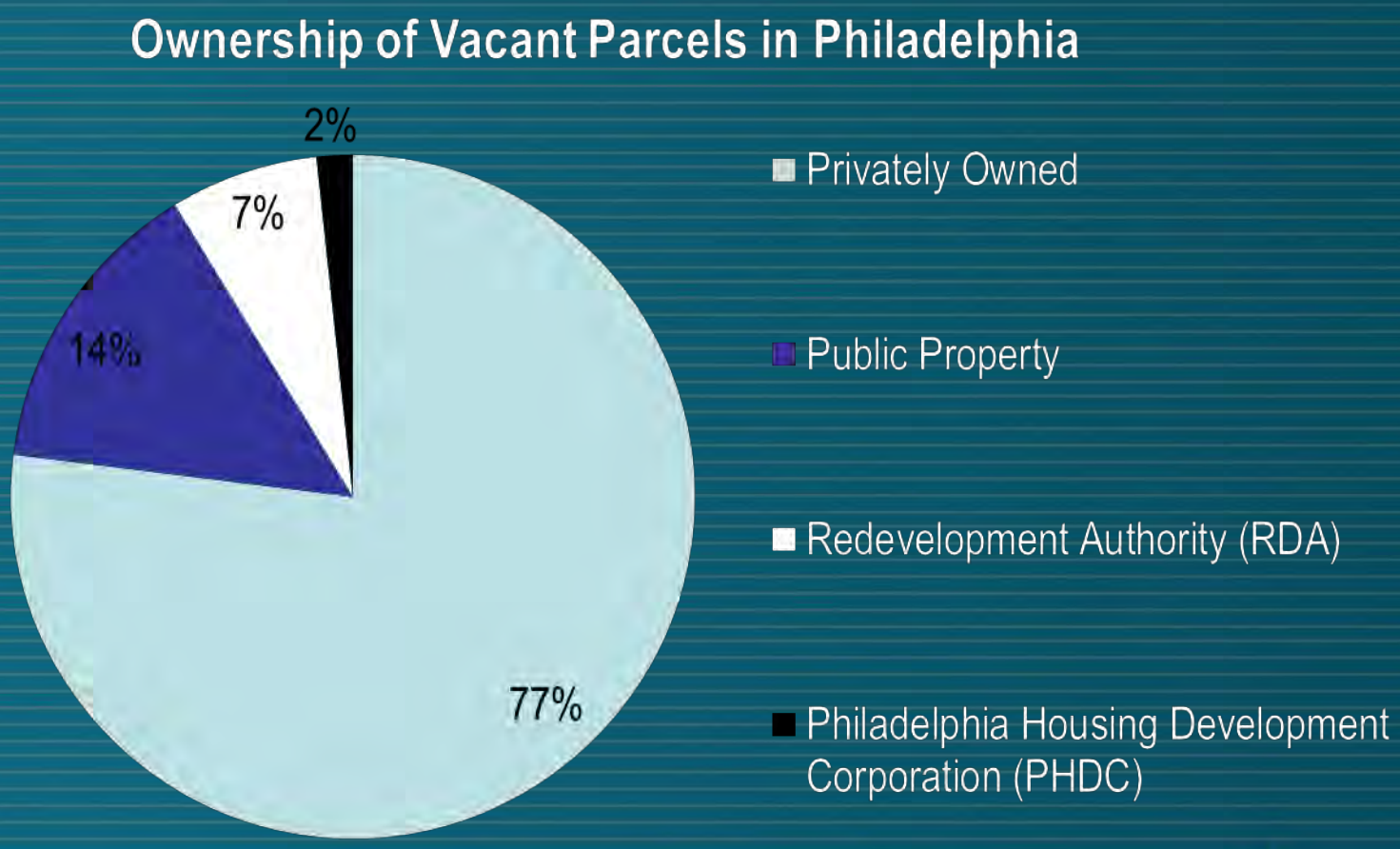
Next Steps



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Next Steps

- National Community Land Trust Network
  - http://www.cltnetwork.org
- Trust for Public Land
  - http://www.tpl.org
- Neighborhood Gardens Association
  - http://www.philadelphialandtrust.org/

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Questions?

- Christina Arlt, DVRPC

- Alison Hastings, DVRPC

- Tom Daniels, University of Pennsylvania

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Resources

- American Planning Association's Planning and Community Health Research Center. (http://www.planning.org/nationalcenters/health/food.htm)
- SUNY Buffalo's Food Systems Planning and Healthy Communities Lab: "Planning to Eat" (http://cccfoodpolicy.org/sites/default/files/resources/planning_to_eat_sunybuffalo.pdf)
- Maryland Department of Planning's "Models and Guidelines: Planning for the Food System" (http://www.mdp.state.md.us/PDF/OurProducts/Publications/ModelsGuidelines/mg28.pdf)
- DVRPC's "Municipal Implementation Tool Brochure: Food System Planning" (http://www.dvrpc.org/reports/MIT018.pdf)
- Sustainable Jersey (http://www.sustainablejersey.com/)
- American Planning Association Policy Guide on Community and Regional Food Planning, 2007.
- Samina Raja, Brandon Born, and Jessica Kozlowski. 2008 APA PAS Report Number 554, *A Planners Guide to Community and Regional Food Planning: Transforming Food Environments, Facilitating Healthy Eating*.
- Marin County (California) Comprehensive Plan, 2007.
- Darrin Nordah. *Public Produce: The New Urban Agriculture*. Island Press, 2009.

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Upcoming Events

Roundtable Discussion: Engaging Local Businesses to Build a Unified Downtown
March 8, 2013 at DVRPC (Breakfast at 8:30am; program at 9:00am)

Pedestrian and Bicycle Planning
June 5, 2013 at Center City District

2013 Planning Law Review
June 26, 2013 at Montgomery County Planning Commission

http://www.dvrpc.org/asp/cal/

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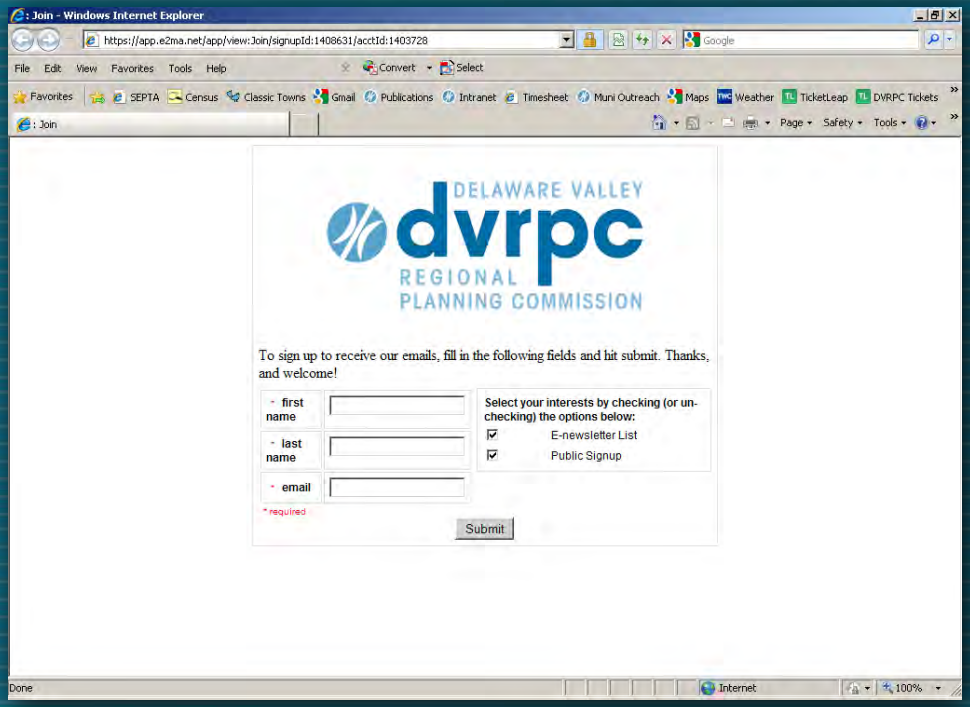
Staying in Touch with DVRPC



1. Come to a committee meeting
http://www.dvrpc.org/asp/cal/

2. Follow us on Twitter
@DVRPC

3. Sign up for our newsletter
http://www.dvrpc.org/Newsletters/DVRPCNews.htm

twitter

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DELAWARE VALLEY dvrpc REGIONAL PLANNING COMMISSION

Municipal Outreach Program

Thank You!

For more information: Christina Arlt
carlt@dvrpc.org or 215.238.2890