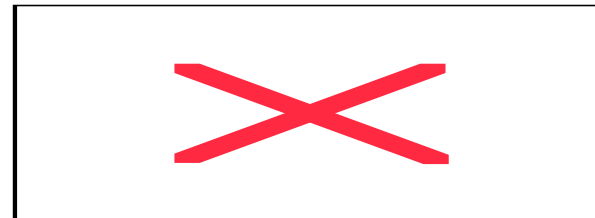


The Status of Agriculture in Barnstable County



Picture taken by Kelly O'Neill

Tom Stone, WHRC
Katherine Beauchamp,
APCC



Mission and Goals of Project

- **Protect existing farms in Barnstable County**
- **Encourage future agricultural growth**
- **Encourage land use programs and regulations that ensure farmland protection**
- **Increase public awareness of local agriculture and its benefits**



Rationale of the Agricultural Study

Need for understanding the current status of farming on Cape Cod!

- **Unprecedented population growth**
- **Lack of policies, regulations, and programs that support agriculture**
- **Expanding interest in locally grown products**
- **Community desire to preserve Cape Cod's rural character**

Components of Project

- Assess the contribution to Cape Cod's economy of land currently in agriculture
- Determine the loss of farmland in Barnstable County over time.
- Identify existing undeveloped land that is suitable for agriculture.
- Analyze the benefits of locally grown food and products.
- Research the incentives and impediments to agriculture at the local, regional, state, and national level.

Our focus today:

- Compile a detailed farm inventory of current agricultural land use on Cape Cod as well as historical land use.

The Farmland Inventory

Follows the Massachusetts General Law Chapter 128: Section 1A. Farming, agriculture, farmer; definitions include the following:

- Cultivation and tillage of the soil
- Dairying
- Production, cultivation, growing and harvesting of any agricultural, aquacultural, floricultural or horticultural commodities
- Growing and harvesting of forest products upon forest land
- Raising of livestock including horses
- Keeping of horses as a commercial enterprise
- Keeping and raising of poultry, swine, cattle and other domesticated animals used for food purposes
- Keeping of bees and furbearing animals for commercial purposes
- Forestry or lumbering operations

Collecting Tabular Data

Town of Brewster Assessor's Online Database

Town of Brewster, Massachusetts Assessor's Online Database

HOME SEARCH HELP WHAT'S NEW FAQ's CONTACT US

Click on column title to sort results, current sort highlighted in **Yellow**. Adobe Acrobat is Required to view Property Record Card Click here to get Adobe Acrobat Reader

Search Type: Real Property Personal Property Both DATABASE LAST UPDATED: 10/29/2007 SEARCH CLEAR RESULTS

YOUR SEARCH CRITERIA HAS RESULTED IN (20) RECORDS

KEY	MAP	PARCEL	EXT	TY	OWNER NAME	LOC1	LOC2	LOCATION	STCL	BOOK	PAGE	Ass'd Val
1700	16	4	3	R	LATHAM JOHN G JR TRUSTEE	41		CATHEDRAL ROAD	7100	11129	171	\$1,600.00
5886	35	77	0	R	CARITAS UNLIMITED LLC	0		OFF JACKSON ROAD	7100	17423	203	\$14,170.00
6547	38	73	1	R	ARCHAMBAULT ROLAND H & CLAIRE	0		CRANVIEW ROAD	7100	N/A	N/A	\$6,140.00
6586	38	109	0	R	ARCHAMBAULT ROLAND H &	0		CRANVIEW ROAD	7100	N/A	N/A	\$280.00
12684	5	118	0	R	LATHAM JOHN G JR TRUSTEE	0		POINT OF ROCKS ROAD	7100	11129	167	\$14,010.00
8573	51	26	4	R	GREW DAVID A & EUNICE	0		WEST GATE ROAD	7100	N/A	N/A	\$23,040.00
1268	13	34	2	R	GUILIANO FRANCIS J	3038	3044	MAIN STREET	7120	N/A	N/A	\$167,530.00
2522	22	29	0	R	DUGAN IVAN A &	691		MAIN STREET	7120	18084	335	\$4,010.00
5508	34	20	2	R	MANGELINKX PAUL R	0		LONG POND ROAD	7130	4398	238	\$360.00
4877	30	7	0	R	ALLARD ROBERT W	0		WESTERN EAGLE CARTWAY	7190	19497	208	\$1,160.00
7395	42	2	1	R	CROCKER DAVID V TRUSTEE	0		CAPE LANE	7190	6206	103	\$68,240.00
7778	42	141	0	R	CROCKER DAVID V TRUSTEE	1168		LONG POND ROAD	7190	6206	103	\$108,700.00
1696	16	1	0	R	LATHAM JOHN G JR TRUSTEE	83		CATHEDRAL ROAD	7200	11129	167	\$70.00
1699	16	4	2	R	LATHAM JOHN G JR TRUSTEE	0		CATHEDRAL ROAD	7200	11129	171	\$160.00
12785	27	901	0	R	AVERY BETTE ANNE	0		LUND FARM WAY	7200	15280	019	\$9,310.00
12118	5	116	1	R	LATHAM JOHN G JR TRUSTEE	0		POINT OF ROCKS ROAD	7200	11129	169	\$110.00
12119	5	116	2	R	LATHAM JOHN G JR TRUSTEE	0		POINT OF ROCKS ROAD	7200	11129	169	\$110.00
12120	5	116	3	R	LATHAM JOHN G JR TRUSTEE	0		POINT OF ROCKS ROAD	7200	11129	169	\$110.00
12121	5	116	4	R	LATHAM JOHN G JR TRUSTEE	0		POINT OF ROCKS ROAD	7200	11129	169	\$110.00
12122	5	116	5	R	LATHAM JOHN G JR TRUSTEE	0		POINT OF ROCKS ROAD	7200	11129	169	\$110.00

Southeastern MA Farms - SEMAP - Southeastern MA

SEMAP — Buy Fresh, Buy Local

search local farms

Find Local Food
Find Farms
Local Food Info
SEMAP

Southeastern MA Farms

Southeastern MA Farms — 1 to 40 of 1631 farms (close) (filter)

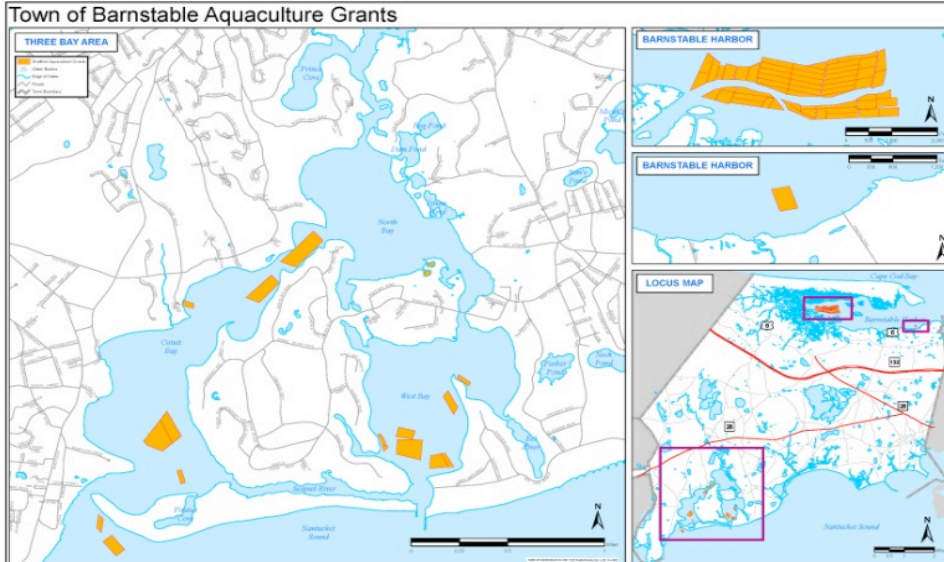
Show 40 closest to Barnstable, MA (2630) and sort by Coresms report

Farm	What's Growing	Distribution	Town	Distance
Barnstable Sea Farms	Seafood	Delivery, Pickup	Barnstable	1 mi
Cape Cod Organic Farm	Fruit, Vegetables	Farmers' Markets	Barnstable	1 mi
Borderbay Junction Farm	Meat, Grains + Feeds	Pickup, The Regatta, Naled Oyster Bistro & Raw Bar, Farm Stand, Restaurants	West Barnstable	2 mi
Finn Farms	Seafood		W. Barnstable	2 mi
Salt Spray Farm	Fruit, Vegetables, Herbs, Nursery + Flowers, Beverages	Restaurants	Cummaquod	2 mi
Country Gardens	Fruit, Vegetables, Herbs, Nursery + Flowers	Farm Stand	Hyannis	3 mi
Green Hill Farm	Fruit, Vegetables, Herbs, Nursery + Flowers, Baked Goods	Wholesale to health food stores and farmstands, Farm Stand	Yarmouthport	3 mi
Cape Cod Beer	Wine + Liquor	Farm Stand	Hyannis	3 mi
Beach Point Oysters	Seafood	Farm Stand, Wholesale	W. Barnstable	4 mi
Blue Stream Hatchery	Seafood	Caterers, Restaurants	Barnstable	4 mi
CobWebb Farm	Vegetables, Nursery + Flowers, Family Fun	Wholesale	W. Barnstable	4 mi
EST Farms, Inc.	Fruit, Vegetables, Herbs, Seeders, Seafood, Specialty	PYO, Restaurants, Schools, Wholesale	Barnstable	4 mi
	Fruit, Vegetables, Herbs, Seeders, Nursery + Flowers, Spreads, Baked Goods, Fiber, Family Fun	Farmers' Markets, CSA, Restaurants, Schools	Yarmouthport	5 mi
	Fruit, Wood, Nursery + Flowers	Farm Stand, PYO	Yarmouth	5 mi

See a specific type of food

- Baked Goods
- Beverages
- Dairy + Eggs
- Dry Goods
- Fiber
- Fruit
- Grains + Feeds
- Herbs
- Meat
- Nursery + Flowers
- Pet Food
- Processed Foods
- Seafood
- Specialty

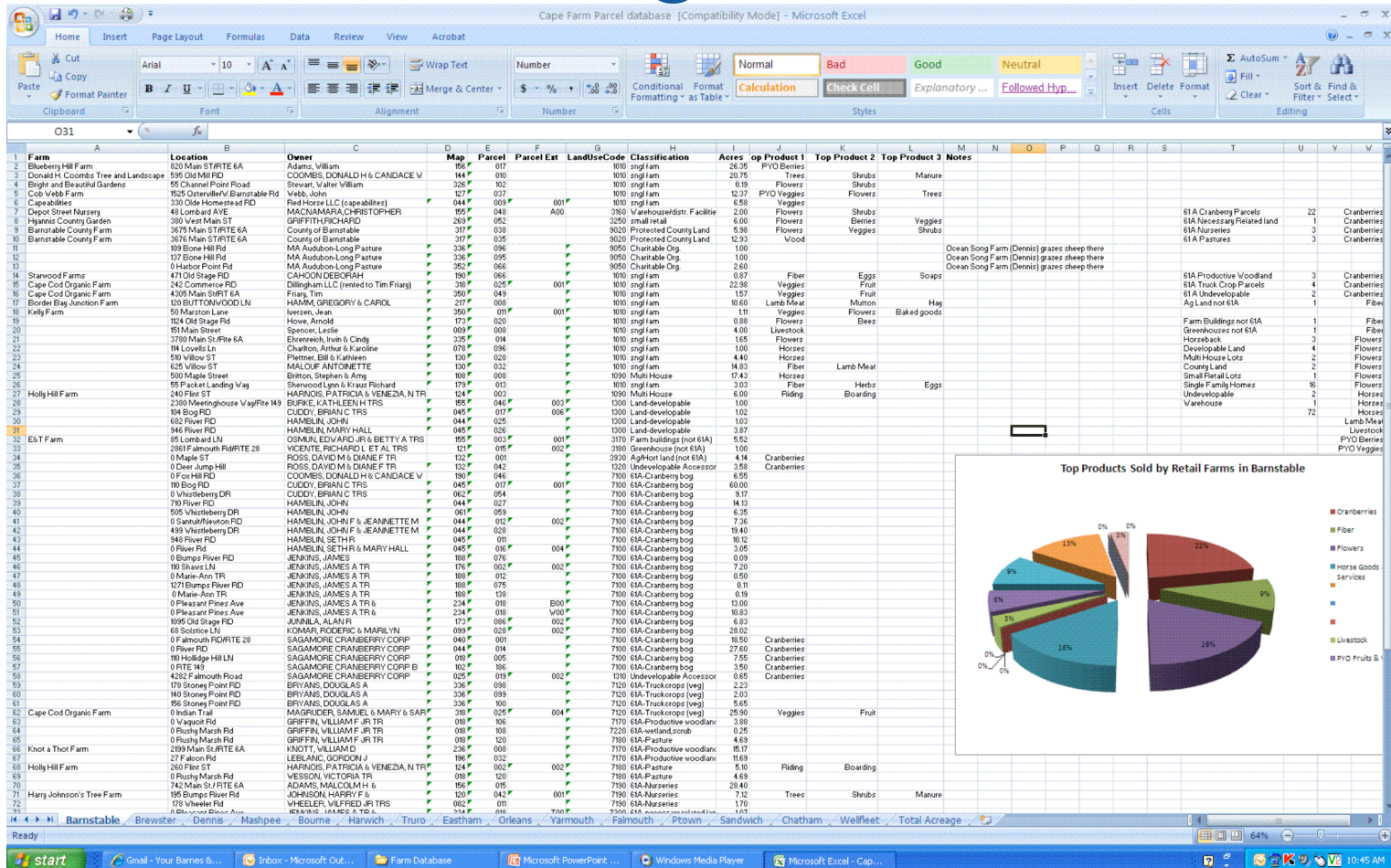
http://www.assessedvalues.com/search.zhtml?jurcode=41 [10/1/2006 2]



Other Resources

- Town Agricultural Commissions
- Town historical recor

Processing the data



Information included:

- Retail name (if retail)
- Owner(s)
- Assessor's ID
- Physical address
- Land use code
- Classification
- Acreage
- Top products produced

Results #1: Acreage in Agricultural Use on Cape Cod

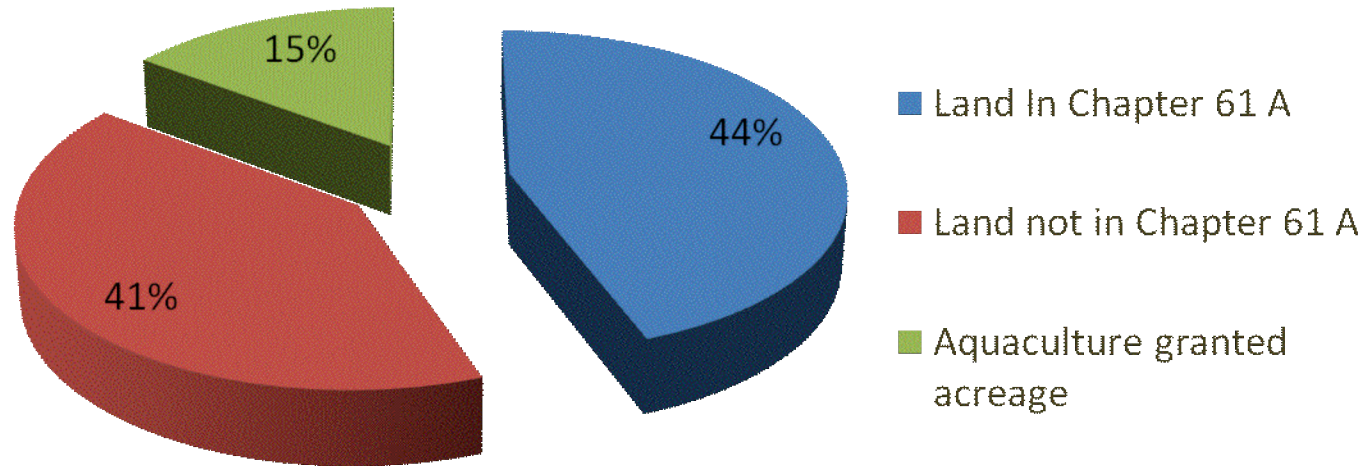
Town	Land in 61A	Land not in 61A	Aquaculture	Total Farmland acreage
Barnstable	380	311	174	865
Brewster	70	154	8	232
Dennis	37	78	30	145
Mashpee	37	40	26	102
Bourne	424	78	0	502
Harwich	48	326	0	374
Truro	0	58	0	58
Eastham	0	1	21	22
Orleans	15	23	25	63
Yarmouth	124	68	27	219
Falmouth	426	210	24	660
North Falmouth	0	2	8	10
Sandwich	170	293	0	463
Chatham	6	32	4	42
Wellfleet	0	3	233	236
Totals	1737	1675	580	3992

3,992 acres in agriculture in Barnstable County.

2007 acres less than the USDA Agricultural census in 2002 (5,999 acres).

Barnstable, Falmouth, Bourne, Sandwich and **Harwich** have the highest acreage of farmland.

Results #2: Farmland Acreage Distribution for Barnstable County



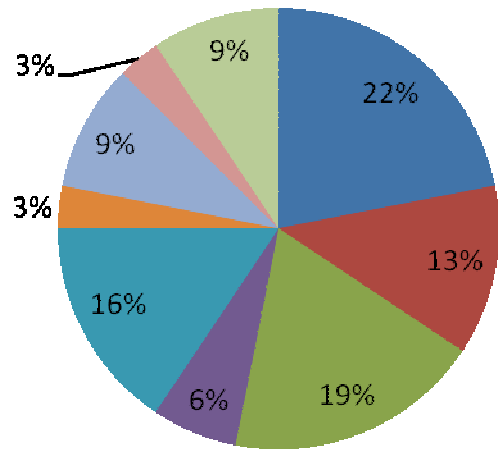
Results #3: Largest Farm Parcels in Barnstable County

Farm	Town	Classification	Acres	Top Product
Country Farm Estates *State listed APR	Sandwich	Accessory Land	228	
Barnstable County Farm	Barnstable	County Protected Land	97	Flowers
Grazing Fields Farm LTD.	Bourne	61A-Productive Woodland	63	Riding
Not retail	Harwich	Ag/Hort land not classified 61A	53	
Perry's Farm	Truro	Farm Buildings not classified 61A	35	Veggies
Green Hill Farm	Yarmouth	Two Family Home	33	Veggies
Mashpee Wampanoag Equestrian Center	Mashpee	Horseback not classified 61A	30	Riding
Not retail	Barnstable	61A-Nurseries	28	
Blueberry Hill Farm	Barnstable	Single Family Home	26	PYO Berries
Cape Cod Organic Farm	Barnstable	61A-Truckcrops	26	Veggies

Results #4: Top Products in Towns with Highest Acreage

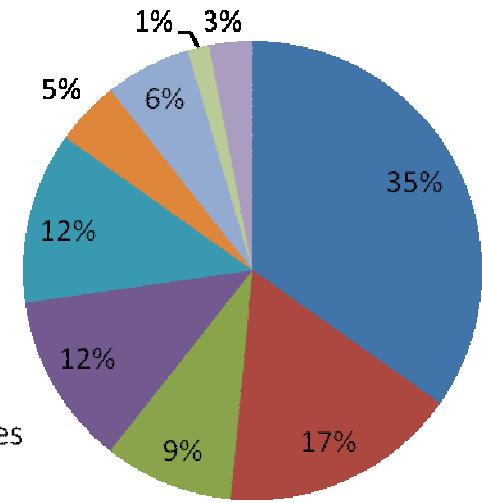
Town of Barnstable

- Cranberries
- Flowers
- Equestrian goods/services
- Woodland Products
- Fiber
- Vegetables
- PYO Fruits & Veggies
- Livestock
- Meat Products



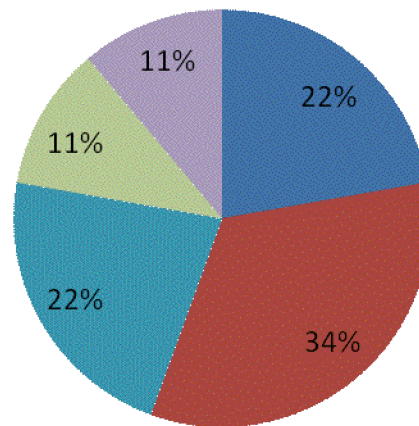
Town of Falmouth

- Cranberries
- Flowers
- Equestrian goods/services
- Woodland Products
- Compost
- Vegetables
- Fruits
- Livestock
- Fiber



Town of Bourne

- Cranberries
- Equestrian goods/services
- Compost
- Vegetables
- Fiber

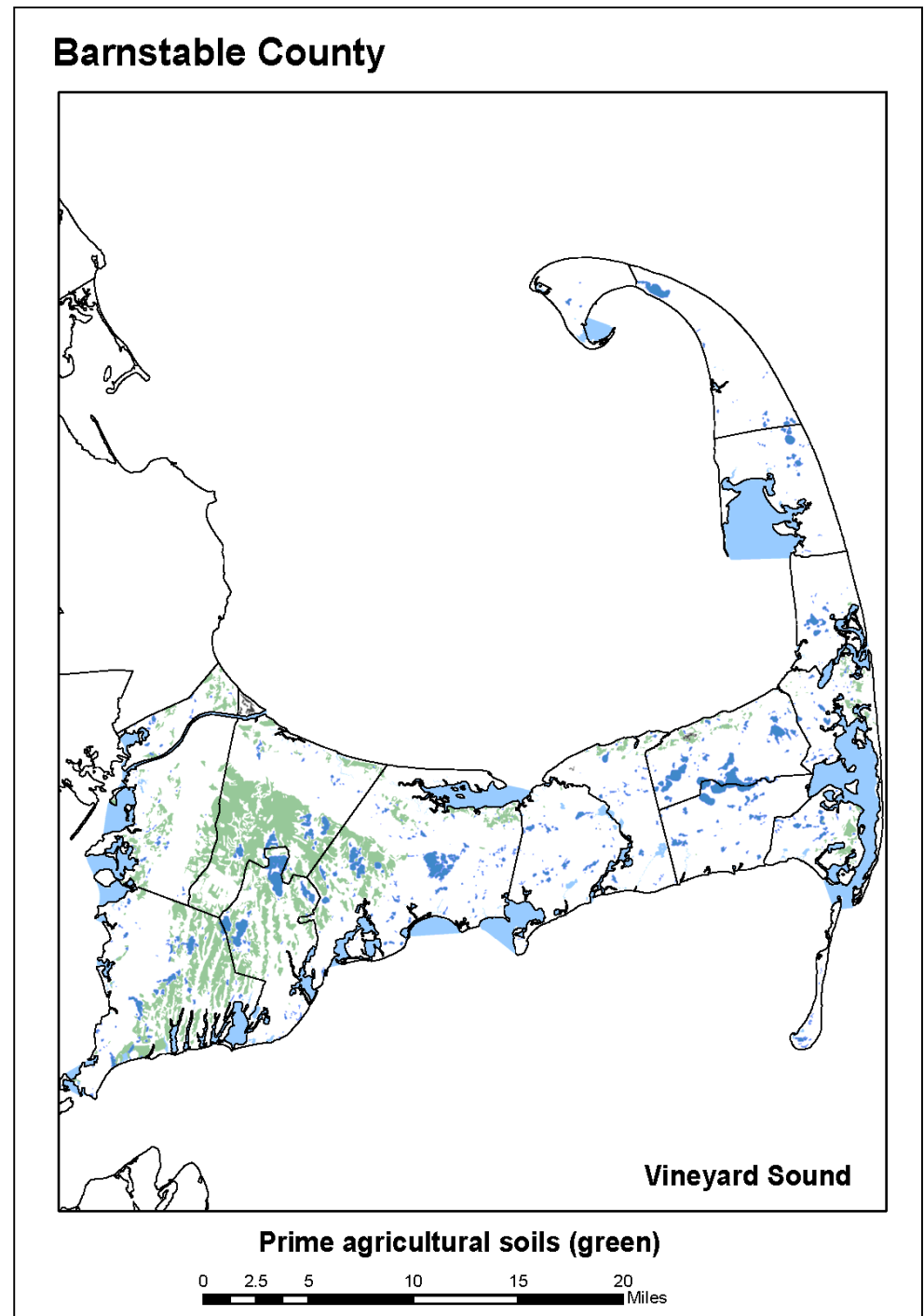


Spatial Data

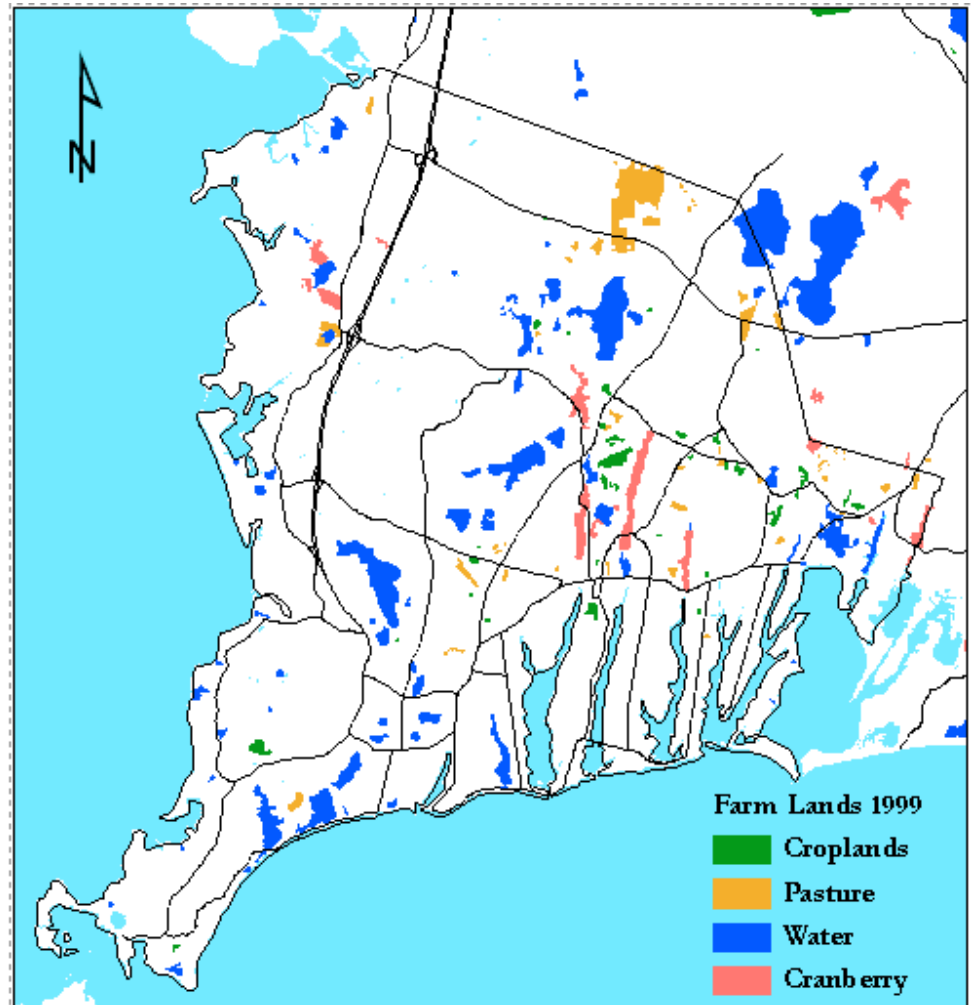
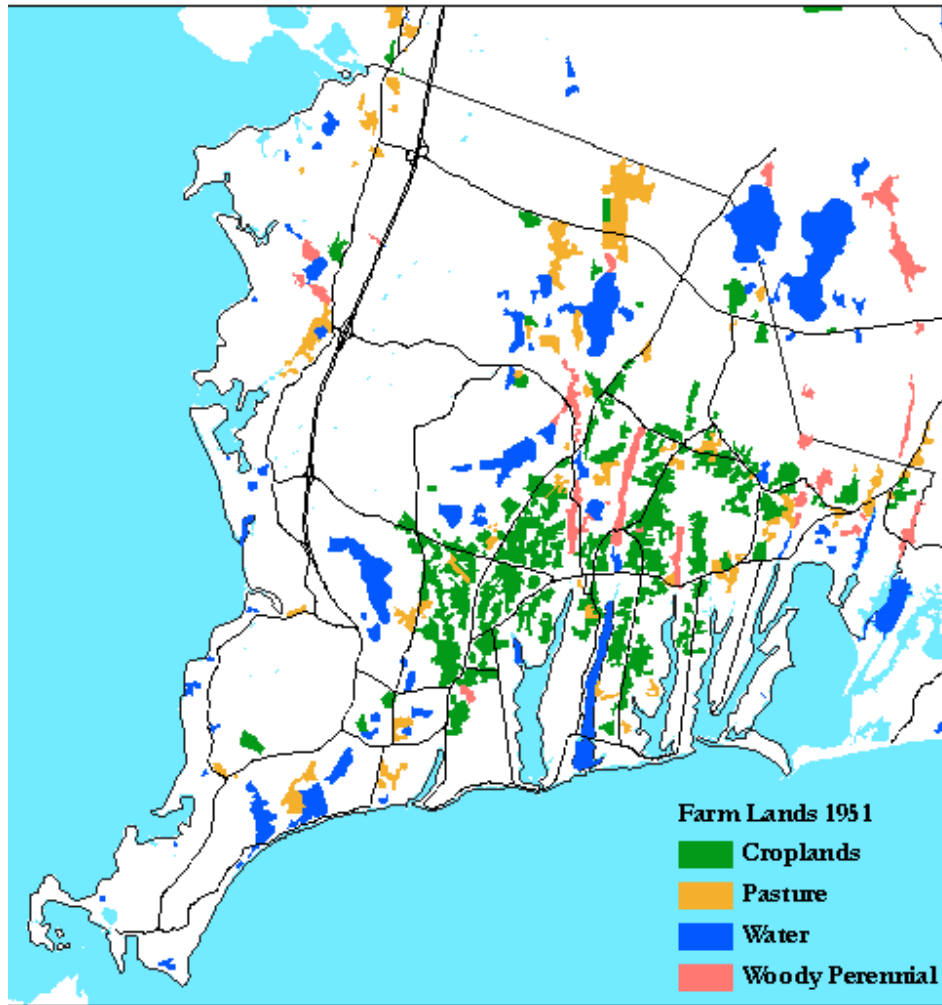
Acquiring spatial data lets us locate the agricultural lands, see where they are in proximity to prime soils, and serves as a check on the tabular data.

Ideally, these independent data sets will match but if they do not then looking at the discrepancies may provide us with useful information.

Finally, a key use of the spatial data with a GIS system lets us make a series of maps such as changes in agricultural lands over time, locations of retail farms, and proximity of agricultural lands to conservation or town-owned lands.

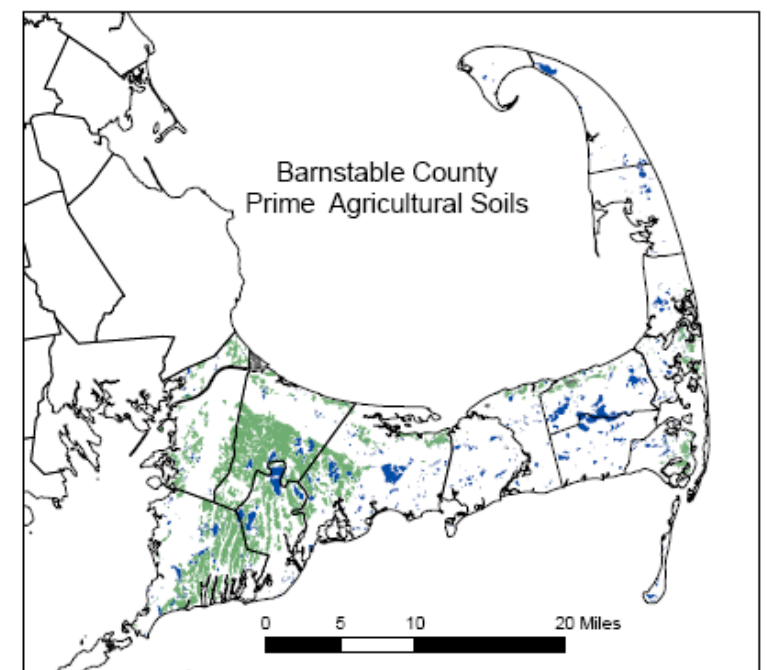
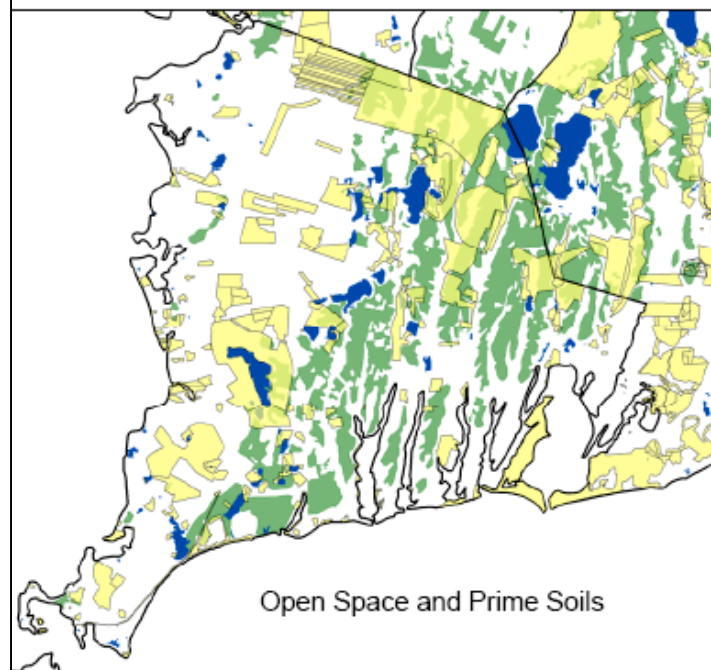
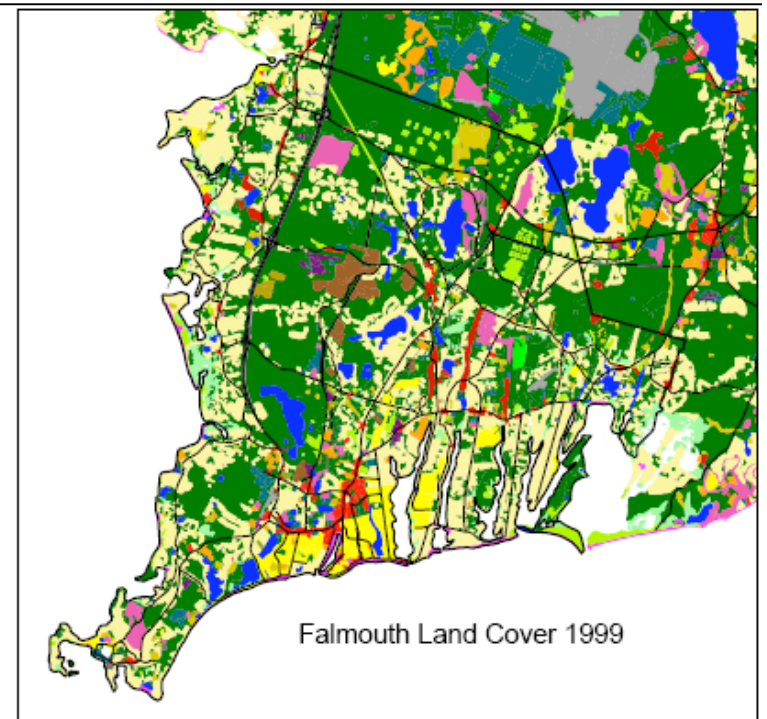
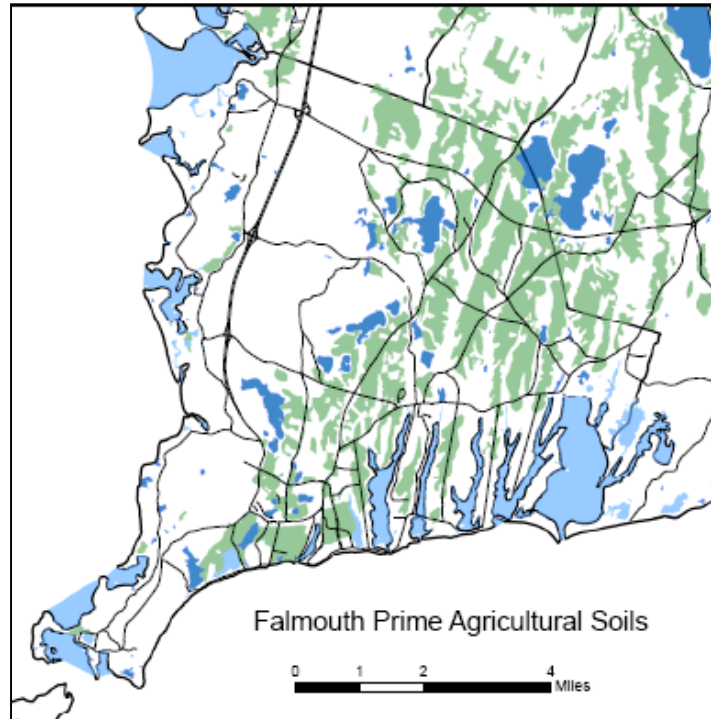


Falmouth Farmlands 1951 to 1999



Other Spatial Data

- Soils
- Parcels
- Open Space
- Land Cover:
1951 (CC)
1971,
1985,
1990,
1999,
2005?



Uses for the Farmland Inventory

- Provide current agricultural status of Barnstable County
- Provide a comparison of independent tabular and spatial data sets
- Identify priority parcels currently unprotected
- Utilize as a planning tool for the town development plans



Where do we go from here with the information?

- **Work to keep all existing farms**
- **Help Land Trusts to include protecting farmlands in their mission**
- **Grow locally**
- **Support & publicize local farms**
- **Distribute maps of our agricultural resources**
- **Encourage more community gardens**
- **Discourage outdated Blue Laws from inhibiting future growth**

Entering the “New Food Age”

- **We need to rethink our food model**
- **We need to revitalize and maintain local farms**
- **We cannot consider smart growth without local agriculture**



Picture taken by Kelly O'Neill

Thank You!

This project would not be possible without
the support of:

- Jessie B. Cox Charitable Trust
- Cape Cod Five Foundation
- The Sheehan Family Foundation