

Welcome to New York



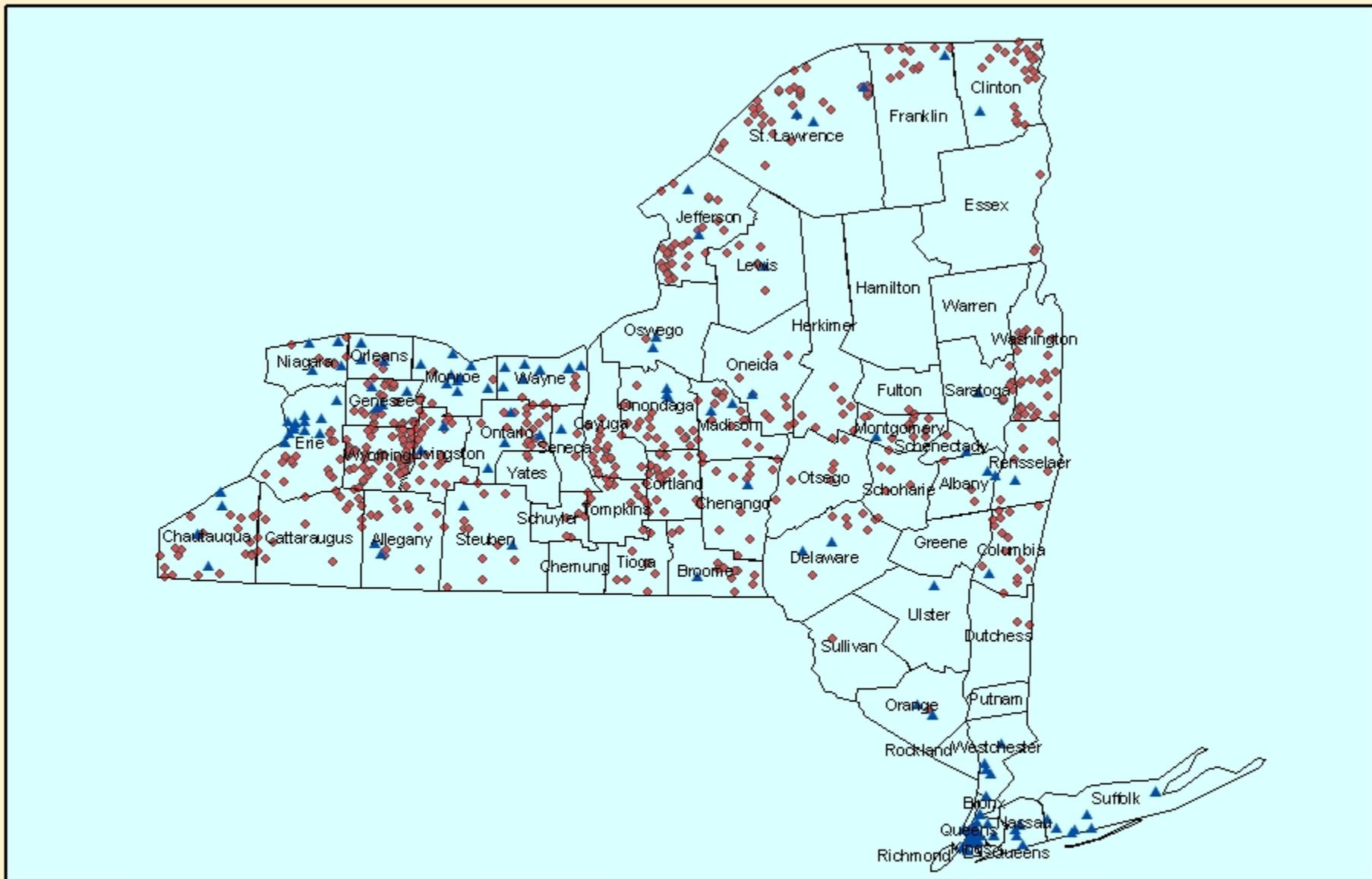
Upstate New York

- A rich and diverse Agricultural Economy



New York Farm Facts

- 36,300 Farms
- Over 7.55 million acres in farms
(25% of the State)
- Over 19 million people (#3 in the Nation)
- 5,450 Commercial Dairies (#3 in Nation)
- 610,000 Total Cows (#3)
- 12.83 Billion lbs. total milk prod. (#4)
- Apples (#2)
- Wine and juice grape production (#3)



Legend

- ◆ CAFOs
- ▲ Food Processors
- Counties in NYS

Distribution of CAFOs & Major Food Processors in New York State

Mark Gill, Junqiao Ma
 05/17/2003

Source: Dept. of Environmental Conservation, NYS; © 2002 of Red Property Center.
 Created in ArcGIS using ArcMap





NY Air Quality Issues:

- Ozone / GHG
- Particulate Matter
- Odor

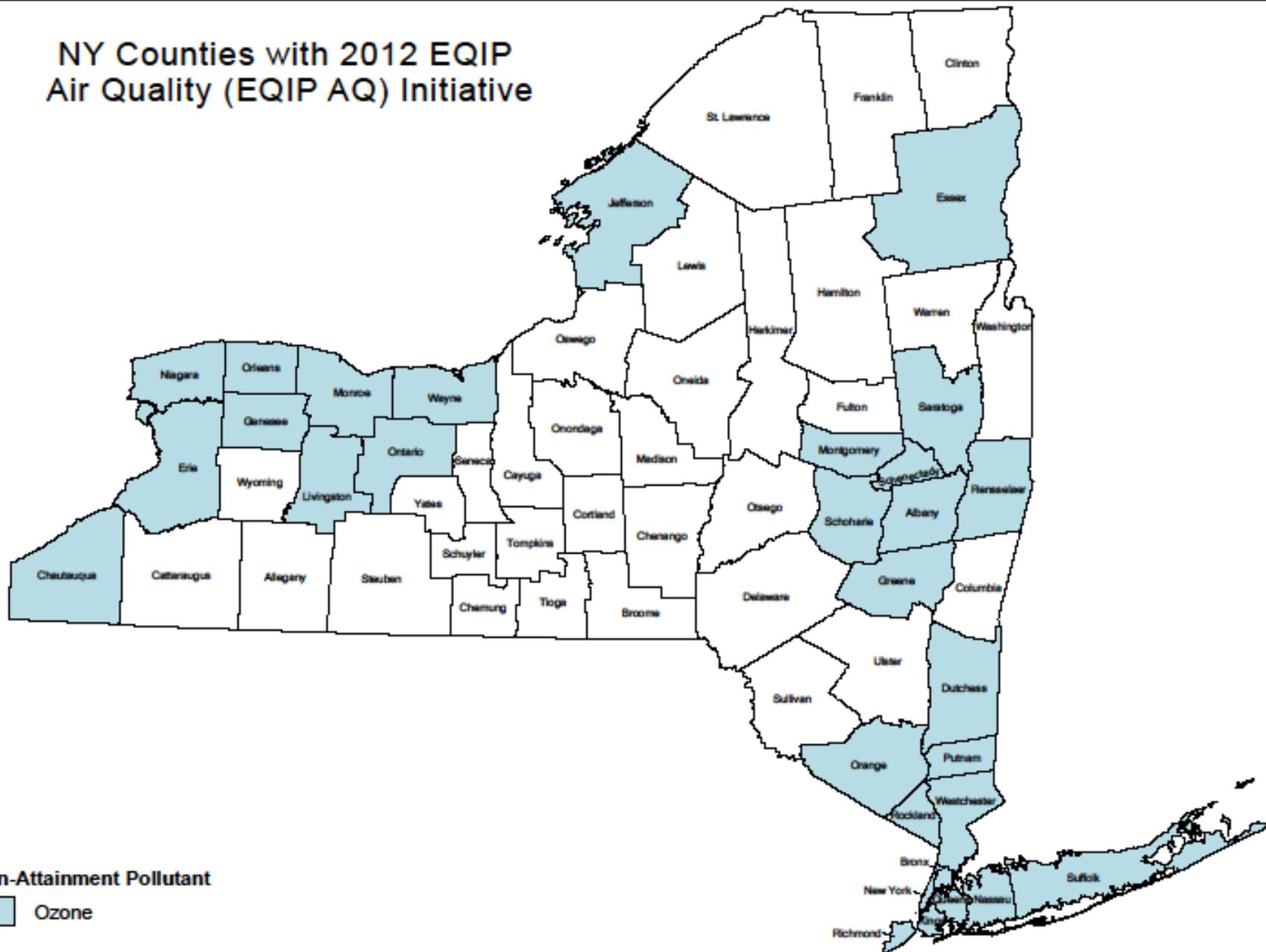


NY NRCS Programs

- EQIP Air Quality
- Anaerobic Digestion
- CSP



NY Counties with 2012 EQIP Air Quality (EQIP AQ) Initiative



Non-Attainment Pollutant

 Ozone

EQIP Air Quality

Manure Covers with Methane Flares

- Solid Separation
- 20 installed - \$1.9 Million
- 18 more planned







EQIP Air Quality

Agri Chemical Handling Facility

- Provides an impervious surface and environmentally safe area for the handling and storage of on-farm chemicals
- 47 installed - \$1.57 Million
- 12 more planned



EQIP Air Quality

Engine Replacement

- Typically for irrigation
- Reduces Particulate Matter by 65%
- Reduces NOx by 60%



EQIP Air Quality

Engine Replacement

- To date:
 - 65 engines have been replaced - \$890,000
 - Approximately 100 engines are currently planned for replacement within the next 2 years

Anaerobic Digestion in New York

- 3 State Pilot to accelerate Anaerobic Digester installation
(New York, New Mexico, Wisconsin)
- 2012 NRCS NY funded 3 digesters with \$1 million in EQIP funds





Conservation Stewardship Program

- Enhancements
 - Reduce emission by alternatives to burning residues
 - Use of more efficient nozzles for applications
 - Targeted spraying of applications
 - Nitrification inhibitors



New York City



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