



Connecticut Department of Children and Families

Geographic Information Systems (GIS) Overview

August 2011

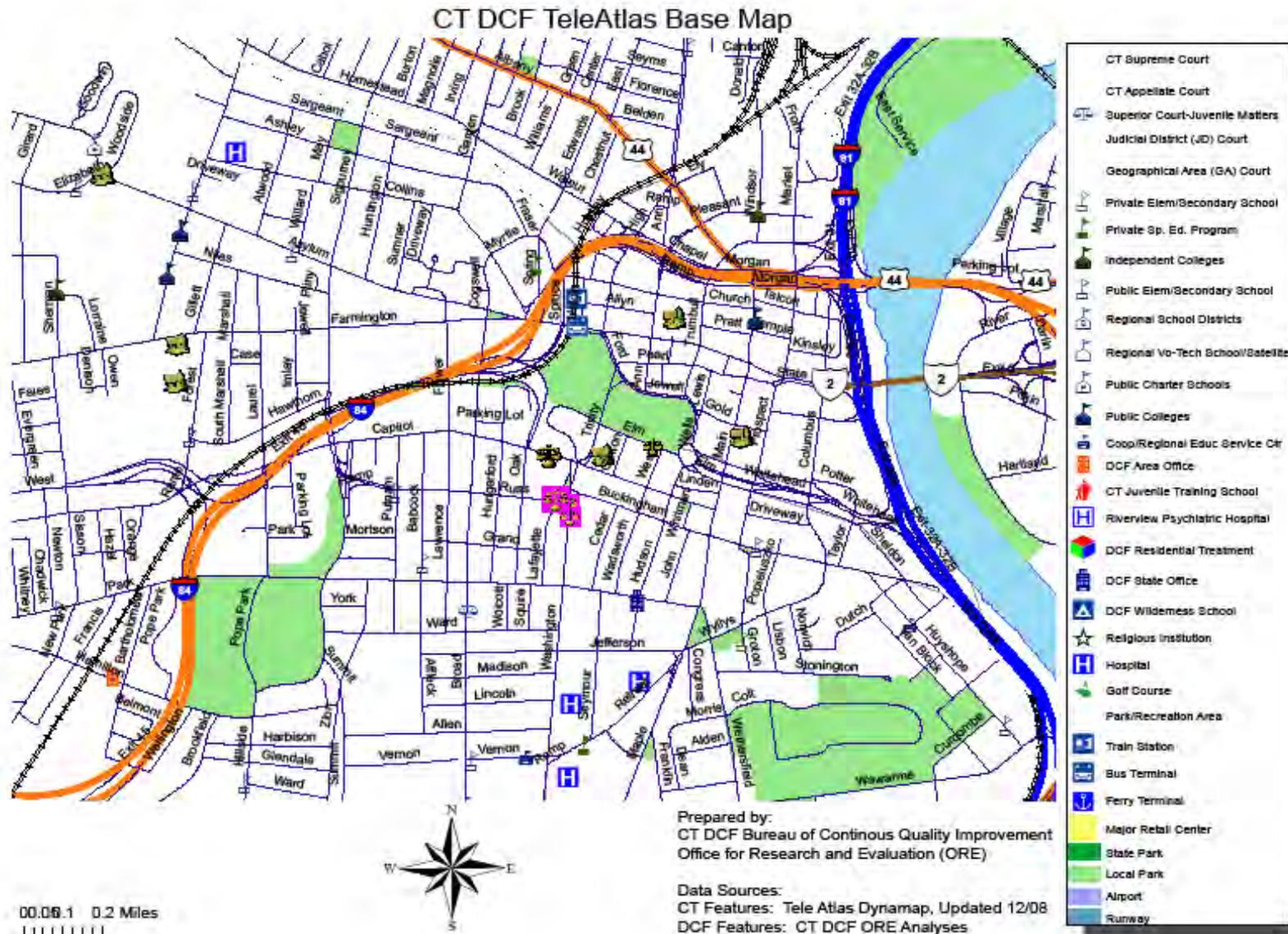
How have we gotten here?

- **What are our resources?**
 - 2 analysts use GIS software as part of their complete scope of work
 - 4 licenses for ESRI ArcGIS Desktop (ArcView level) software
 - 1 license each for ArcGIS Network and Spatial Analyst extensions funded by Casey Family Programs
 - Basic training in use of GIS software completed 11/08 funded by Casey Family Programs
 - Funding for analytical consultation on Substance Abuse mapping project provided by Casey Family Programs
 - Partnerships with other state agencies and internal stakeholders with needs for GIS products

How are we using GIS at DCF?

- **Descriptive Maps:**
 - **DCF Office/Facility Locations with Area Office Catchment Zones**
 - **Child Guidance Clinic Locations**
 - **Schools and Universities**
 - **Foster Home Locations**
 - **Other Placement Provider Locations**

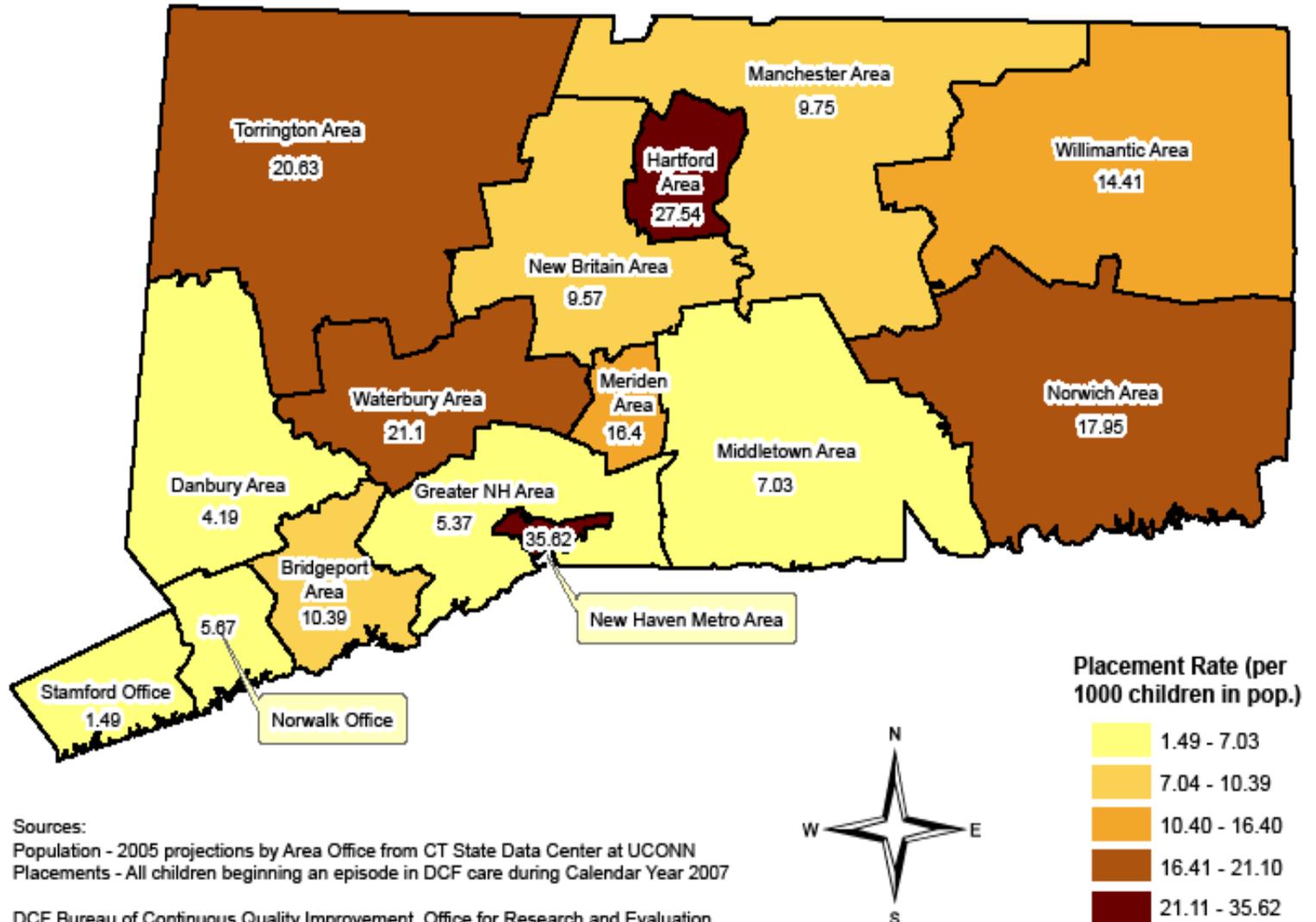
CT DCF Base Map



How are we using GIS at DCF?

- **Analytic Maps:**
 - **Placement Rates by Area Offices & Ages**
 - **Disaster Planning for Placement Providers (Hurricane Flooding & Millstone Power Plant)**
 - **Foster Care Recruitment maps to show areas with households likely to be potential foster parents or dispersion of placements outside of home towns**
 - **Spatial Adaptive Filtering to show areas with increased likelihood of high GAIN Short-Screen scores**

Rates of Infants Entering DCF Care by Area Office for CY2007 (Age <1)

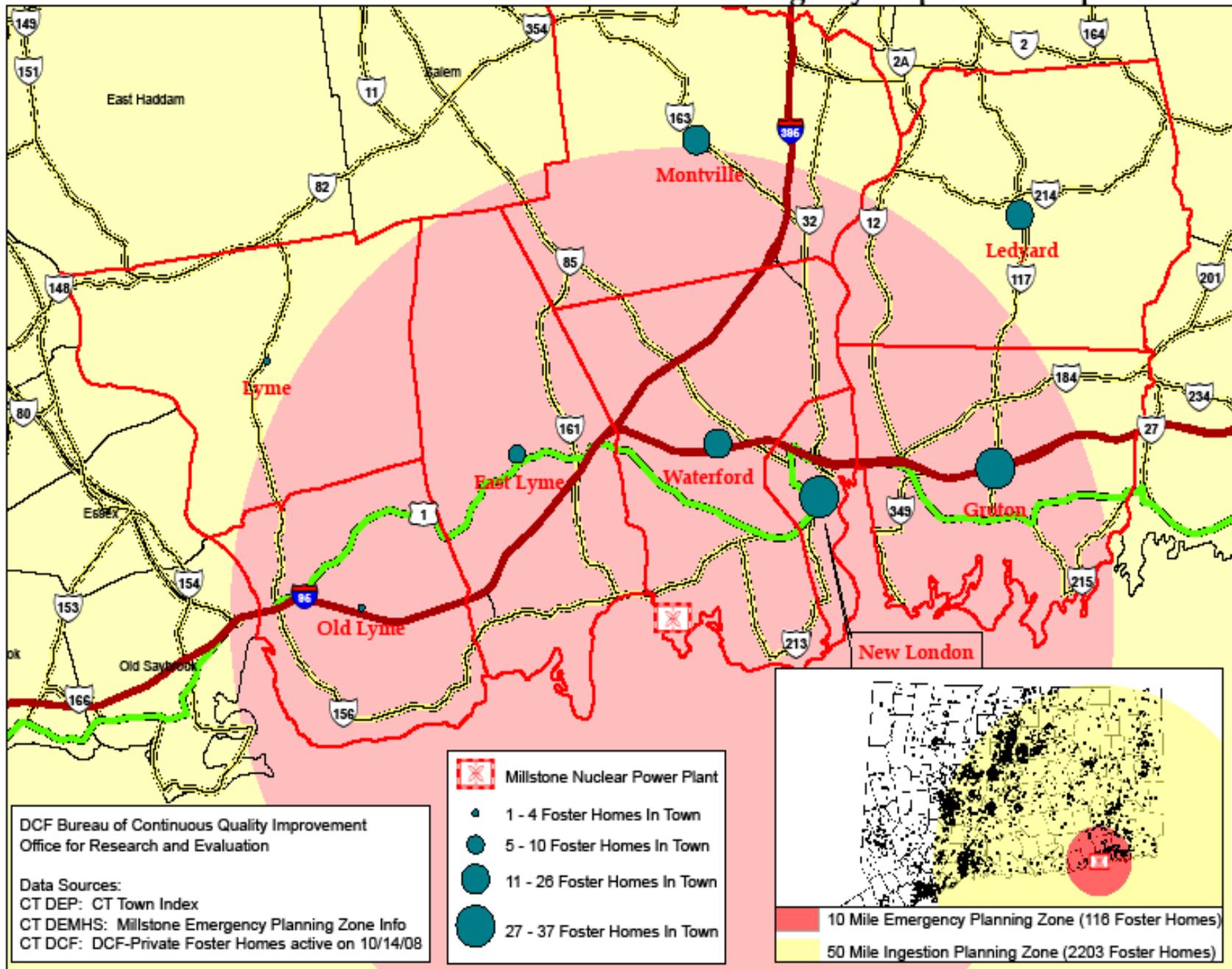


Sources:

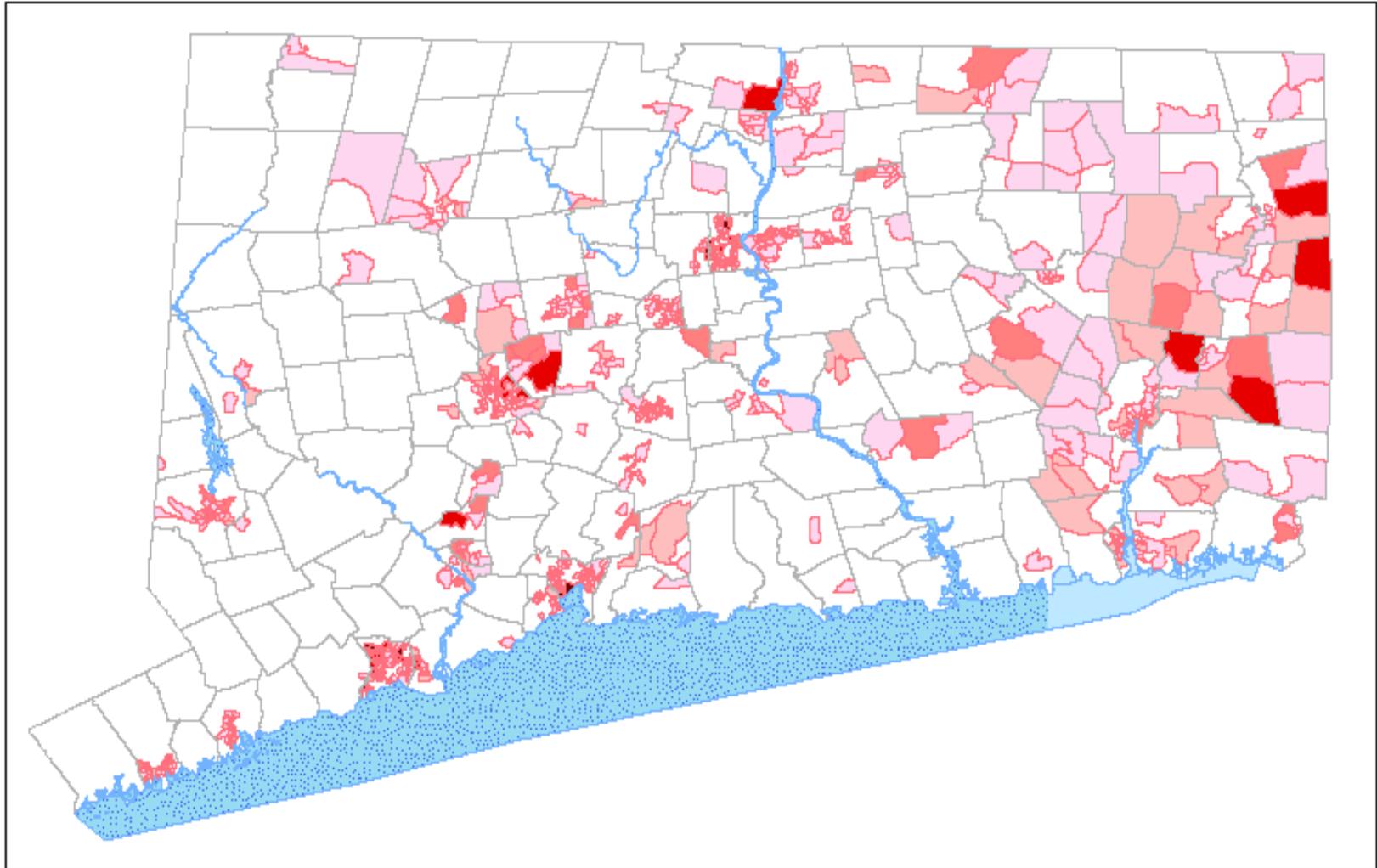
Population - 2005 projections by Area Office from CT State Data Center at UCONN
 Placements - All children beginning an episode in DCF care during Calendar Year 2007

DCF Bureau of Continuous Quality Improvement, Office for Research and Evaluation

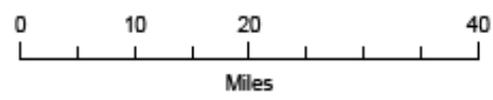
CT DCF-Private Foster Homes: Millstone Emergency Preparation Map



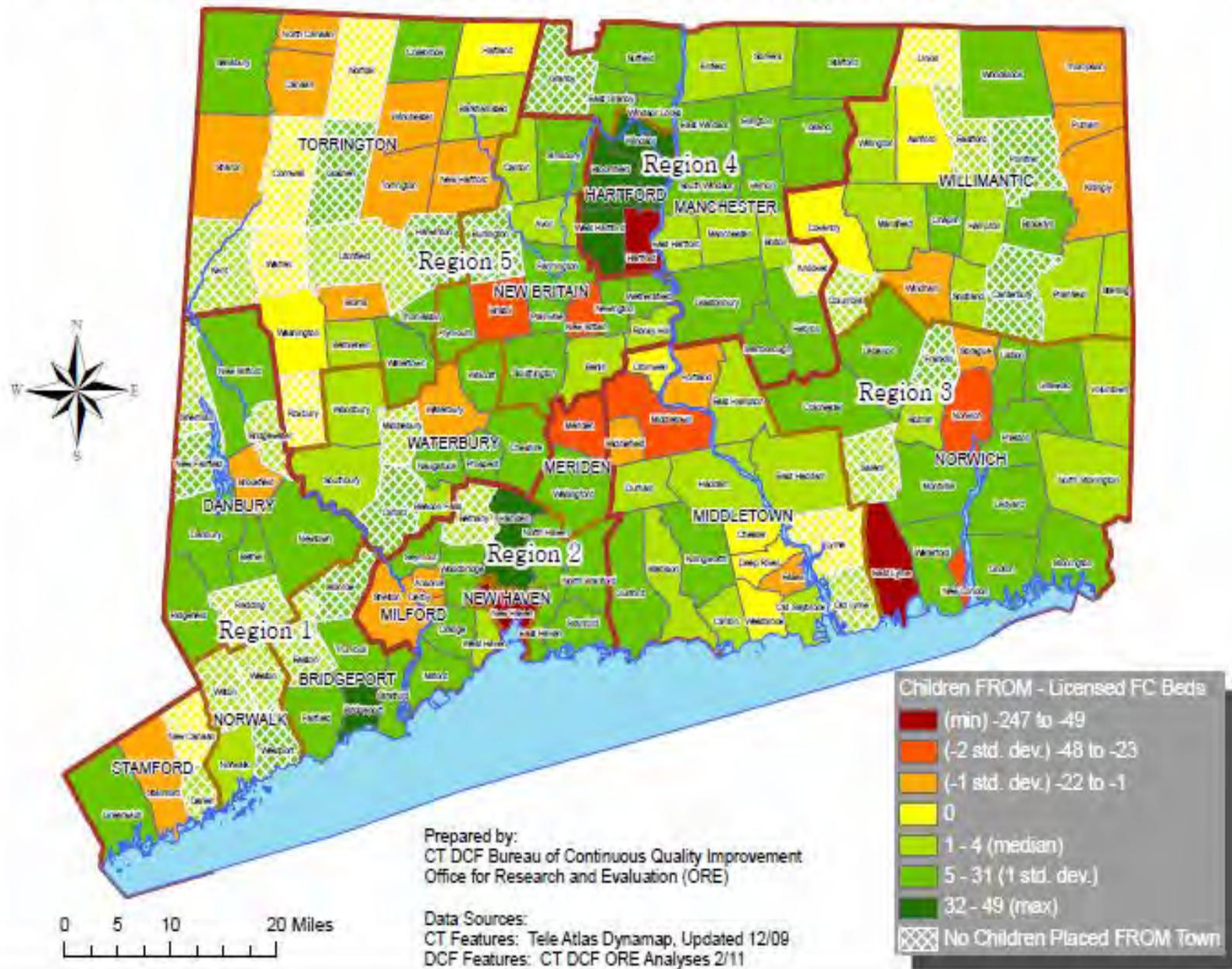
CT DCF & AdoptUSKids Foster Parent Recruitment Map With Nielsen-Claritas Prizm Market Segmentation Data



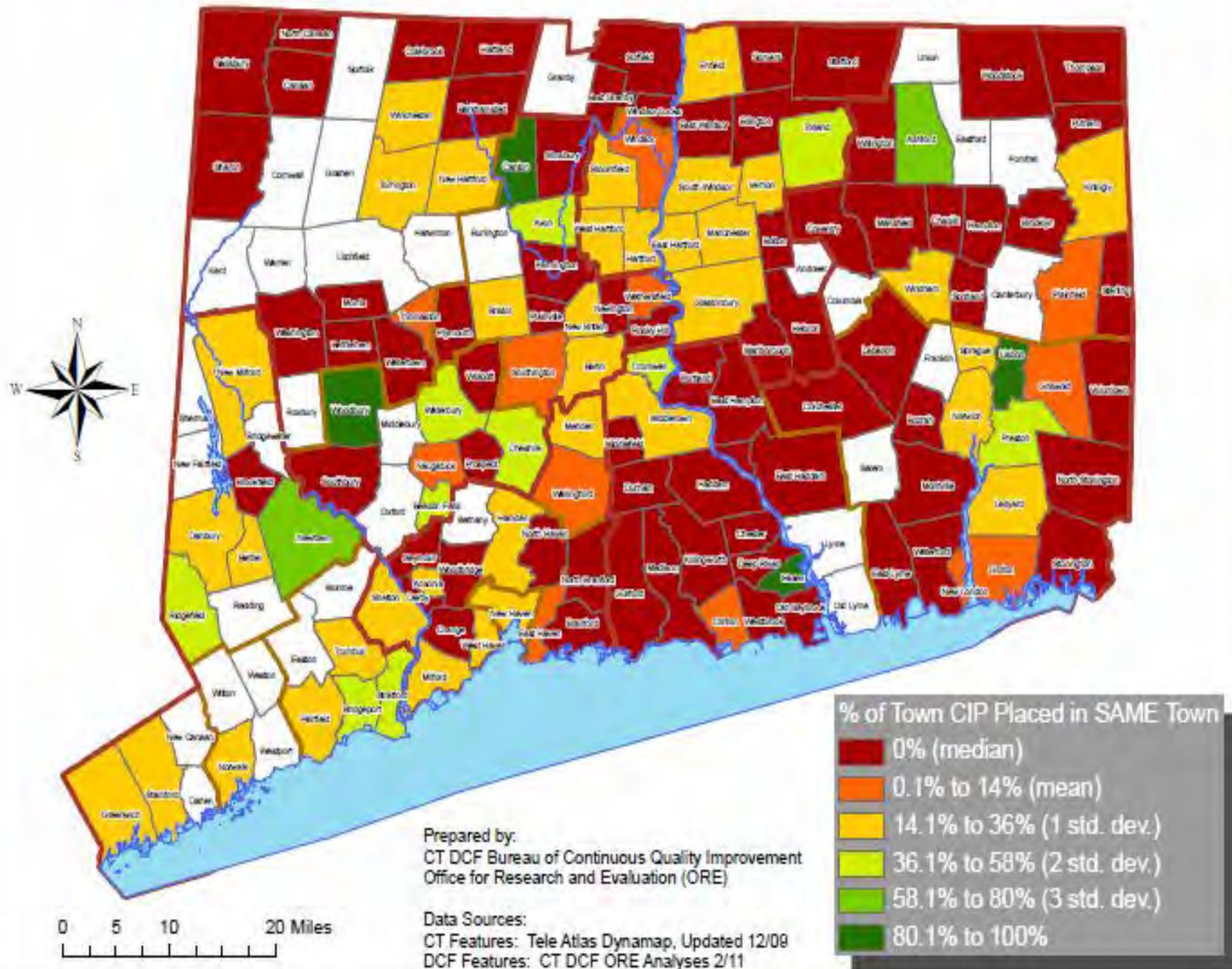
CT DCF Office for Research & Evaluation
Map Created: 3/8/10
Data Sources:
Successful Foster Homes (SFH):
LINK case management system 4/20/09
PRIZM Market Segmentation Data:
Nielsen-Claritas Inc. 8/5/09
Basic Map Layers:
TeleAtlas Dynamap V11.0



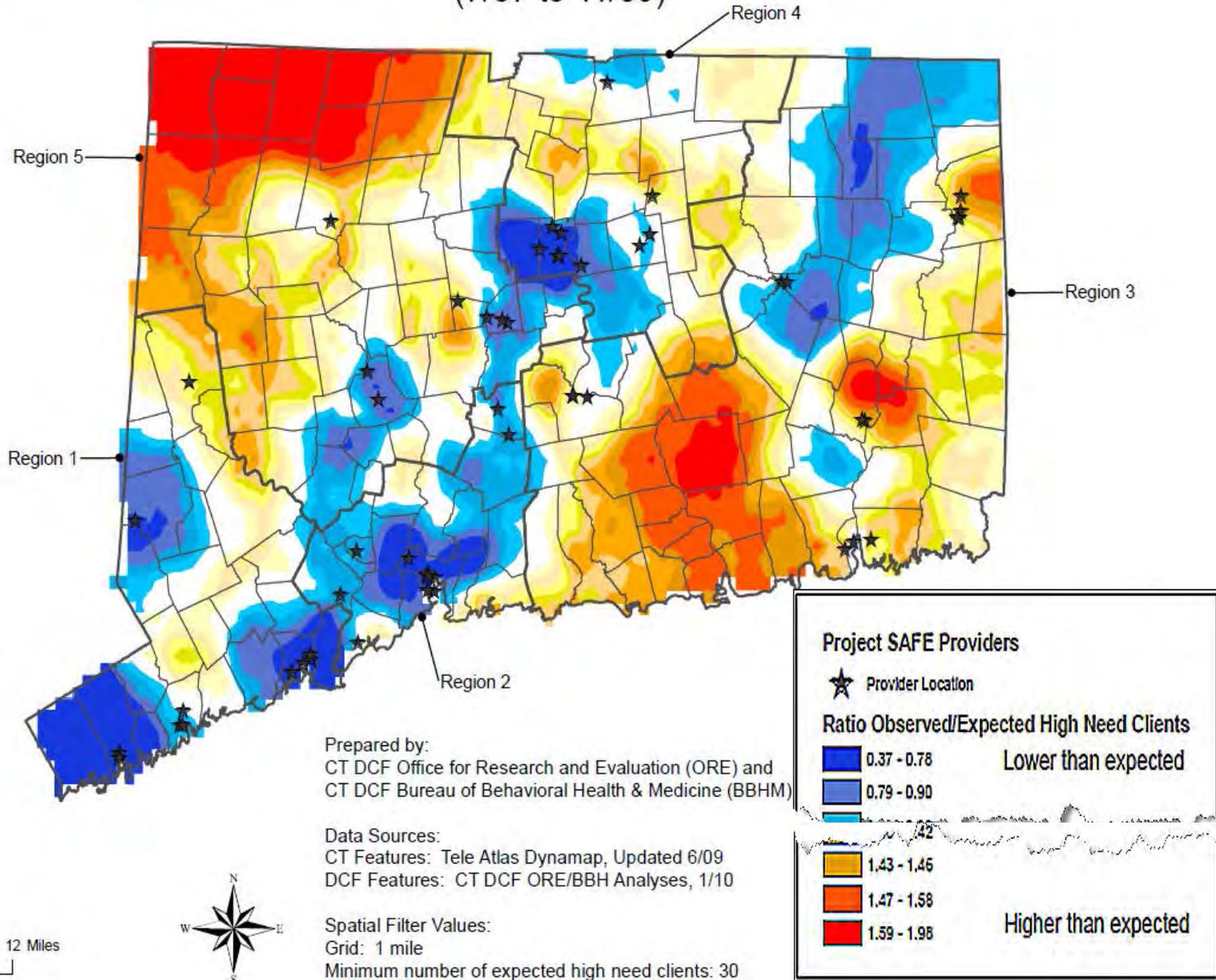
Difference Between Number of Children Placed FROM Town (as of 2/9/11) and Number of Licensed Foster Care Beds IN Town (as of 2/7/11)



Percent of Children Placed in DCF Care FROM Home Town With Placement IN Their Home Town (as of 2/7/11)



Locations of Project SAFE Providers and Clients With High GAIN-SS Scores (7/07 to 11/09)



Contact Us

**CT Department of Children and Families
Office for Research and Evaluation
505 Hudson Street, Hartford, CT 06106**

Fred North, Social Work Supervisor

Fred.North@ct.gov

(860) 723-7219