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)

Placement Rate (per 1000 children in pop.)

- 1.49 - 7.03
- 7.04 - 10.39
- 10.40 - 16.40
- 16.41 - 21.10
- 21.11 - 35.62

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
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)

Prepared by:
CT DCF Bureau of Continuous Quality Improvement
Office for Research and Evaluation (ORE)

Data Sources:
CT Features: Tele Atlas DynaMap, Updated 12/09
DCF Features: CT DCF ORE Analyses 2/11

Children FROM - Licensed FC Beds
-247 to -49
(2 std. dev.) -48 to -23
(-1 std. dev.) -22 to -1
0
1 - 4 (median)
5 - 31 (1 std. dev.)
32 - 49 (max)
No Children Placed FROM Town

0 5 10 20 Miles
Percent of Children Placed in DCF Care FROM Home Town With Placement IN Their Home Town (as of 2/7/11)

Prepared by:
CT DCF Bureau of Continuous Quality Improvement Office for Research and Evaluation (ORE)

Data Sources:
CT Features: Tele Atlas Dynamap, Updated 12/09
DCF Features: CT DCF ORE Analyses 2/11

% of Town CIP Placed in SAME Town
0% (median)
0.1% to 14% (mean)
14.1% to 36% (1 std. dev.)
36.1% to 58% (2 std. dev.)
58.1% to 80% (3 std. dev.)
80.1% to 100%
Locations of Project SAFE Providers and Clients With High GAIN-SS Scores (7/07 to 11/09)

Prepared by:
CT DCF Office for Research and Evaluation (ORE) and
CT DCF Bureau of Behavioral Health & Medicine (BBHM)

Data Sources:
CT Features: Tele Atlas Dynamap, Updated 6/09
DCF Features: CT DCF ORE/BBH Analyses, 1/10

Spatial Filter Values:
Grid: 1 mile
Minimum number of expected high need clients: 30
Contact Us

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