### Agenda

<table>
<thead>
<tr>
<th>Time:</th>
<th>Topic:</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 - 9:15 am</td>
<td>Introductions Ignite Spatial Hartford Connecticut 2010 Census Snapshot</td>
</tr>
<tr>
<td></td>
<td>Connecticut GIS User to User Network Steering Committee</td>
</tr>
<tr>
<td>9:15 - 9:45 am</td>
<td>Locating 2010 Census Data using the New American FactFinder [FOLDER]</td>
</tr>
<tr>
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<td>11:45am - 12:00pm</td>
<td>Question and Answer</td>
</tr>
</tbody>
</table>

Want to stay current on the latest GIS news and Connecticut GIS User to User Network Events? Join our listserv! [http://ctgis.uconn.edu/listserve.htm](http://ctgis.uconn.edu/listserve.htm)
Ignite Spatial Hartford – Wednesday June 22, 2011

Ignite Spatial Hartford is a free event open to the public. Attendance will be limited to 100 people, so register as soon as possible at: http://bit.ly/kWCV2F

This exciting event will showcase over 15 lightning format talks on “anything spatial”. Each talk is 5 minutes (20 slides, each automatically advancing after 15 seconds).

**Time:** Ignite Spatial Hartford is being held on Wednesday, June 22nd
- Registration will open at 9 AM
- Presentations start at 10 AM
- Pizza Networking Social after Event

**Location:** 260 Constitution Plaza, Large Conference Room, in Downtown Hartford (see http://bit.ly/mJVRMg for details).

**Sponsors:**
NEURISA and the CT GIS User to User Network are proud to be the Coordinating Sponsors
- Corporate Sponsor is AppGeo
- Venue Sponsor is the City of Hartford

**Ignite Spatial Hartford Talks and Presenters**

**Michael Quan** – Interactive Tactical Group, Inc *3D Mobile Mapping of Washington DC*

**Dr. John Harmon** – CCSU Emeritus - *So where am I going? To lat = 41.3256, long = -72.5469?*

**Alfredo C. Frauenfelder** – ESRI - *ArcGIS.com*

**Thad J. Dymkowski, GISP** – Town of Newington, CT - *GIS Certification: Navigating the Options*

**Steve Anderson** – AppGeo - *Addressing and Why it is Important to Connecticut and its Citizens*

**Aaron Nash** – Town of Vernon, CT - *ArcGIS Server Flex API on an Android Device*

**Gary Anderson** – Town of Manchester, CT - *School Children: Budget Balancing Kryptonite or Not so Bad?*

**Dr. Jeff Osleeb** – UConn, Department of Geography - *An Evaluation of Health System Efficiencies in Hartford County, Connecticut*

**Chris French** – ESRI - *Geospatial Analysis: An Exploration of Methods, Uses, and Evolution*

**Curtis Denton** – UConn, Department of Geography - *Historical Mapping with Digital Tools*

**Ignite Spatial Hartford Additional Presenters include:**

**Stacey Maples** – YALE

**Shane White, GISP** – RIGIS Coordinator

**Mike Olkin** – Amherst, MA

**Bob Baron** – State of CT

**Rich Gallacher** – Town of Manchester, CT

SeeClickFix
### Connecticut - 2010 U.S. Census Snapshot

#### RACE*

<table>
<thead>
<tr>
<th></th>
<th>2000</th>
<th>2010</th>
<th>Change</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Population</td>
<td>3,405,565</td>
<td>3,574,097</td>
<td>+ 168,532</td>
<td>4.9%</td>
</tr>
<tr>
<td>One Race</td>
<td>3,330,717</td>
<td>3,481,421</td>
<td>+ 150,704</td>
<td>4.5%</td>
</tr>
<tr>
<td>White</td>
<td>2,780,355</td>
<td>2,772,410</td>
<td>- 7,945</td>
<td>-0.3%</td>
</tr>
<tr>
<td>Black or African American</td>
<td>309,843</td>
<td>362,296</td>
<td>+ 52,453</td>
<td>16.9%</td>
</tr>
<tr>
<td>American Indian and Alaska Native</td>
<td>9,639</td>
<td>11,256</td>
<td>+ 1,617</td>
<td>16.8%</td>
</tr>
<tr>
<td>Asian</td>
<td>82,313</td>
<td>135,565</td>
<td>+ 53,252</td>
<td>64.7%</td>
</tr>
<tr>
<td>Native Hawaiian and Other Pacific Islander</td>
<td>1,366</td>
<td>1,428</td>
<td>+ 62</td>
<td>4.5%</td>
</tr>
<tr>
<td>Some Other Race</td>
<td>147,201</td>
<td>198,466</td>
<td>+ 51,265</td>
<td>34.8%</td>
</tr>
<tr>
<td>Two or More Races</td>
<td>74,848</td>
<td>92,676</td>
<td>+ 17,828</td>
<td>23.8%</td>
</tr>
</tbody>
</table>

#### HISPANIC OR LATINO AND RACE*

<table>
<thead>
<tr>
<th></th>
<th>2000</th>
<th>2010</th>
<th>Change</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hispanic or Latino</td>
<td>320,323</td>
<td>479,087</td>
<td>+ 158,764</td>
<td>49.6%</td>
</tr>
<tr>
<td>Not Hispanic or Latino</td>
<td>3,085,242</td>
<td>3,095,010</td>
<td>+ 9,768</td>
<td>0.3%</td>
</tr>
<tr>
<td>One Race</td>
<td>3,032,346</td>
<td>3,035,505</td>
<td>+ 3,159</td>
<td>0.1%</td>
</tr>
<tr>
<td>White</td>
<td>2,638,845</td>
<td>2,546,262</td>
<td>- 92,583</td>
<td>-3.5%</td>
</tr>
<tr>
<td>Black or African American</td>
<td>295,571</td>
<td>335,119</td>
<td>+ 39,548</td>
<td>13.4%</td>
</tr>
<tr>
<td>American Indian and Alaska Native</td>
<td>7,267</td>
<td>6,685</td>
<td>- 582</td>
<td>-7.7%</td>
</tr>
<tr>
<td>Asian</td>
<td>81,564</td>
<td>134,091</td>
<td>+ 52,527</td>
<td>64.4%</td>
</tr>
<tr>
<td>Native Hawaiian and Other Pacific Islander</td>
<td>958</td>
<td>958</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Some Other Race</td>
<td>8,141</td>
<td>12,190</td>
<td>+ 4,049</td>
<td>49.7%</td>
</tr>
<tr>
<td>Two or More Races</td>
<td>52,896</td>
<td>59,505</td>
<td>+ 6,609</td>
<td>12.5%</td>
</tr>
</tbody>
</table>

#### 18 YEARS AND OVER – RACE*

<table>
<thead>
<tr>
<th></th>
<th>2000</th>
<th>2010</th>
<th>Change</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Race</td>
<td>2,519,687</td>
<td>2,708,125</td>
<td>+ 188,438</td>
<td>7.5%</td>
</tr>
<tr>
<td>White</td>
<td>2,147,418</td>
<td>2,204,381</td>
<td>+ 57,963</td>
<td>2.7%</td>
</tr>
<tr>
<td>Black or African American</td>
<td>210,363</td>
<td>261,438</td>
<td>+ 51,075</td>
<td>24.3%</td>
</tr>
<tr>
<td>American Indian and Alaska Native</td>
<td>6,740</td>
<td>7,940</td>
<td>+ 1200</td>
<td>17.8%</td>
</tr>
<tr>
<td>Asian</td>
<td>60,941</td>
<td>101,416</td>
<td>+ 40,475</td>
<td>66.4%</td>
</tr>
<tr>
<td>Native Hawaiian and Other Pacific Islander</td>
<td>971</td>
<td>1,050</td>
<td>+ 79</td>
<td>8.1%</td>
</tr>
<tr>
<td>Some Other Race</td>
<td>93,254</td>
<td>136,900</td>
<td>+ 43,646</td>
<td>46.8%</td>
</tr>
<tr>
<td>Two or More Races</td>
<td>44,190</td>
<td>48,957</td>
<td>+ 4,767</td>
<td>10.8%</td>
</tr>
</tbody>
</table>

#### 18 YEARS AND OVER – HISPANIC OR LATINO AND RACE*

<table>
<thead>
<tr>
<th></th>
<th>2000</th>
<th>2010</th>
<th>Change</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hispanic or Latino</td>
<td>204,664</td>
<td>318,947</td>
<td>+ 114,283</td>
<td>55.8%</td>
</tr>
<tr>
<td>Not Hispanic or Latino</td>
<td>2,359,213</td>
<td>2,438,135</td>
<td>+ 78,922</td>
<td>3.3%</td>
</tr>
<tr>
<td>One Race</td>
<td>2,327,479</td>
<td>2,407,335</td>
<td>+ 79,856</td>
<td>3.4%</td>
</tr>
<tr>
<td>White</td>
<td>2,053,286</td>
<td>2,046,548</td>
<td>- 6,738</td>
<td>-0.3%</td>
</tr>
<tr>
<td>Black or African American</td>
<td>202,510</td>
<td>246,016</td>
<td>+ 43,506</td>
<td>21.5%</td>
</tr>
<tr>
<td>American Indian and Alaska Native</td>
<td>5,192</td>
<td>5,044</td>
<td>- 148</td>
<td>-2.9%</td>
</tr>
<tr>
<td>Asian</td>
<td>60,461</td>
<td>100,486</td>
<td>+ 40,025</td>
<td>66.2%</td>
</tr>
<tr>
<td>Native Hawaiian and Other Pacific Islander</td>
<td>718</td>
<td>729</td>
<td>+ 11</td>
<td>1.5%</td>
</tr>
<tr>
<td>Some Other Race</td>
<td>5,312</td>
<td>8,512</td>
<td>+ 3,200</td>
<td>60.2%</td>
</tr>
<tr>
<td>Two or More Races</td>
<td>31,734</td>
<td>30,800</td>
<td>- 934</td>
<td>-2.9%</td>
</tr>
</tbody>
</table>

*Data from 2000 and 2010 U.S. Census Redistricting (Public Law 94-171) Datasets

#### Total Population Median age (years)**

<table>
<thead>
<tr>
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<th>2000</th>
<th>2010</th>
<th>Change</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hispanic or Latino</td>
<td>37.40</td>
<td>40</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mexican**</td>
<td>23.484</td>
<td>50,658</td>
<td>+ 27,174</td>
<td>115.7%</td>
</tr>
<tr>
<td>Puerto Rican**</td>
<td>194,443</td>
<td>252,972</td>
<td>+ 58,529</td>
<td>30.1%</td>
</tr>
<tr>
<td>Cuban**</td>
<td>7,101</td>
<td>9,490</td>
<td>+ 2,389</td>
<td>33.6%</td>
</tr>
<tr>
<td>Other Hispanic or Latino**</td>
<td>95,295</td>
<td>165,967</td>
<td>+ 70,672</td>
<td>74.2%</td>
</tr>
<tr>
<td>Not Hispanic or Latino*</td>
<td>3,085,242</td>
<td>3,095,010</td>
<td>+ 9,768</td>
<td>0.3%</td>
</tr>
</tbody>
</table>

*Data from U.S. Census 2000 Summary File 1 and 2010 Demographic Profile Datasets
Connecticut GIS User to User Network Meeting
June 10, 2011

2010 U.S. Census and More!
## Today’s Agenda

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</tr>
</tbody>
</table>
Welcome to UConn!
2010 U.S. Census Data for Connecticut
2010 Census Datasets: Redistricting (Public Law 94-171)

- Includes total population, race, ethnicity, voting age (18+), and housing data
- Available at multiple geographic levels
  - State
  - County
  - Town
  - Census Tract
  - Block Group
  - Blocks
2010 Census Datasets: Demographic Profiles

• 2010 Demographic Profiles
  – Includes additional variables on age, housing, ethnicity
  – Geographies available include: Statewide, Congressional Districts, State House Districts, State Senate Districts, County, & Town
2010 Census Datasets:
Summary File 1

• 2010 U.S. Census Summary File 1
  – Will included additional variables
  – Scheduled for release June – August 2011
National Snapshot
Most populous U.S. incorporated places (2010)

1. New York: 8,175,133 (▲ 2.1%)
2. Los Angeles: 3,792,621 (▲ 2.6%)
3. Chicago: 2,695,598 (▼ 6.9%)
4. Houston: 2,099,451 (▲ 7.5%)
5. Philadelphia: 1,526,006 (▲ 0.6%)
## 2010 U.S. Census Redistricting Data Race

<table>
<thead>
<tr>
<th>Population Category</th>
<th>Total Population</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Population:</td>
<td>308,745,538</td>
<td>9.7%</td>
</tr>
<tr>
<td>Population of one race:</td>
<td>299,736,465</td>
<td>9.2%</td>
</tr>
<tr>
<td>White alone:</td>
<td>223,553,265</td>
<td>5.7%</td>
</tr>
<tr>
<td>Black or African American alone:</td>
<td>38,929,319</td>
<td>12.3%</td>
</tr>
<tr>
<td>American Indian and Alaska Native alone:</td>
<td>2,932,248</td>
<td>18.4%</td>
</tr>
<tr>
<td>Asian alone:</td>
<td>14,674,252</td>
<td>43.3%</td>
</tr>
<tr>
<td>Native Hawaiian and Other Pacific Islander alone:</td>
<td>540,013</td>
<td>35.4%</td>
</tr>
<tr>
<td>Some Other Race alone:</td>
<td>19,107,368</td>
<td>24.4%</td>
</tr>
<tr>
<td>Two or More Races:</td>
<td>9,009,073</td>
<td>32%</td>
</tr>
</tbody>
</table>
American FactFinder

2000 and 2010 Census Data
Factfinder2.census.gov
Create Custom Maps via the New American FactFinder
According to the 2010 U.S. Census
How many people live in Connecticut?

A. 2,135,684 people
B. 1,645,379 people
C. 3,574,097 people
D. 9,278,085 people

Explore this data at: factfinder2.census.gov
Connecticut State Data Center

U.S. Census Data and Assistance for Connecticut
Connecticut State Data Center

• 2010 U.S. Census Data for Connecticut
• Shapefiles for 2010 U.S. Census for Connecticut
• Workshops and Webinars
• Follow us!

Connecticut State Data Center is located at the University of Connecticut Libraries Map and Geographic Information Center - MAGIC
Connecticut State Data Center
Downloadable Data

- Spreadsheets
- Shapefiles in WGS1984 and CT State Plane Projections
- Shapefiles include data

2010 Census Redistricting data and Shapefiles (Public Law 94-171)

The latest 2010 Census data can be found using the American FactFinder or for advanced users, you can access this data directly via the US Census FTP server. The 2010 Census Redistricting data (Public Law 94-171) data was released on March 9, 2011 and includes population, race, ethnicity, voting age (18+), and sex data. From the link below, users can download the shapefile which includes shapefiles with the data appended in Connecticut State Plane NAD 1983 and WGS 1984 projections. The shapefiles include multiple tables and a cookbook is provided for each dataset to assist users with using this data.

<table>
<thead>
<tr>
<th>Dataset</th>
<th>Geographic Level</th>
<th>Redistricting Summary</th>
<th>Metadata</th>
<th>Spreadsheet</th>
<th>Shapefile</th>
<th>KML</th>
<th>Preview in Google Maps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connecticut (States)</td>
<td>State</td>
<td>2010</td>
<td>US Census Bureau</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
</tr>
<tr>
<td>Connecticut 111th Congressional Districts</td>
<td>Cong. Districts</td>
<td>2010</td>
<td>US Census Bureau</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
</tr>
<tr>
<td>Connecticut Counties</td>
<td>Counties</td>
<td>2010</td>
<td>US Census Bureau</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
</tr>
<tr>
<td>Connecticut Towns (County Subdivisions)</td>
<td>Towns</td>
<td>2010</td>
<td>US Census Bureau</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
</tr>
<tr>
<td>Connecticut House Districts</td>
<td>House Districts</td>
<td>2010</td>
<td>US Census Bureau</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
</tr>
<tr>
<td>Connecticut Block Groups</td>
<td>Block Groups</td>
<td>2010</td>
<td>US Census Bureau</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
</tr>
<tr>
<td>Connecticut Blocks</td>
<td>Blocks</td>
<td>2010</td>
<td>US Census Bureau</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
<td>Coming Soon</td>
</tr>
</tbody>
</table>

*Two blocks were incorrectly reported in Groton, CT and the full details on these errors are available in the 2010 Redistricting (Public Law 94-171) Connecticut errors report.
Connecticut State Data Center
2000 & 2010 Census Town Map


This dual map viewer allows users to search for a town in Connecticut and compare the 2010 United States Census Redistricting Public Law 94-171 data with the 2000 United States Census Data. To view the data for a town, click on the town and a pop-up window will appear which includes the following data: Total Population, White, Black or African American, American Indian, Asian, Pacific Islander, Other race, Hispanic or Latino, Population age 18 and over (voting age), Housing Units Total, Occupied Housing, and Vacant Housing. Additional data is available by town that includes multiple race datasets and can be accessed from the Connecticut State Data Centers Data Page. Users can also search for a town using the address search feature below and both maps will automatically zoom in to the town.

Use the search box below to locate an address in the Connecticut State Data Center.

Toggle map layers

2010 Data (Left) 2000 Data (Right)
Keep Current by Joining the CT GIS User to User Network Listserv

Join in the conversation by subscribing to the CT GIS User to User Network Listserv at:

ctgis.uconn.edu/listserve.htm
According to the 2010 U.S. Census, which town has the largest population in Connecticut?

A. Hartford, Connecticut
B. Mansfield, Connecticut
C. Waterbury, Connecticut
D. Bridgeport, Connecticut

Explore this data at: factfinder2.census.gov
Ignite Spatial Hartford – June 22

Ignite Spatial Hartford is a free event open to the public. Attendance will be limited to 100 people, so register as soon as possible at: http://bit.ly/kWCV2F

When:
June 22, 2011 10:00am

Where:
260 Constitution Plaza, Large Conference Room, in Downtown Hartford
Have a Time Saving Tip?

• Share time saving tips, scripts, software, freeware, shareware and more during our Tips and Tricks section of the meeting.

• Chances are something that save you time will help others too so please share!
GIS Day 2011

November 16, 2011
Location to be announced
Special Thanks!

University of Connecticut Greater Hartford Campus
Bill Uricchio – UConn Greater Hartford Campus
Dave Hicking – UConn Libraries IT
U.S. Census Bureau Boston Regional Office
Connecticut State Data Center
Connecticut GIS User to User Network Steering Committee
And you for attending!
Your Community by the Numbers
Accessing the most current and relevant Census data

Arthur Bakis, Information Services Specialist
U.S Census Bureau
Boston Regional Office
617-424-4510
boston.pdsp@census.gov
arthur.j.bakis@census.gov
www.census.gov
The NEW American FactFinder is now available!

The transition from the legacy American FactFinder to the NEW American FactFinder will continue through the fall of 2011. Data on the legacy FactFinder will be moved to the NEW FactFinder in the coming months. Frequent Asked Questions »

The legacy American FactFinder will be discontinued in the fall of 2011.

NEW American FactFinder

for data from
Census 2010 (beginning in February 2011)
and Census 2000
go to
factfinder2.census.gov

Legacy American FactFinder

for data from the
American Community Survey,
the Economic Census,
and Population Estimates
go to
factfinder.census.gov

Learn more about the New American FactFinder
American FactFinder Components

- **Program**
  - Census or Survey

- **Data Sets**
  - Data File

- **Summary Levels**
  - Geography
Program

• **Decennial Census**
  – Every 10 years, Counts Residents

• **American Community Survey (ACS)**
  – Annual Social, Economic and Housing data

• **Other Surveys and Censuses**
  – Population Estimates
  – Economic Census
Decennial Census
Decennial Census

2010 Census

• **2010 Census was Short Form Only!**
  • 10 Questions

• **2010 Questionnaire**
  - Name
  - Sex
  - Age
  - Race
  - Ethnicity
  - Housing
  - Tenure
  - Household
  - Relationship
Decennial Census
2000 Census

• In 2000, 1 in 6 households received the 53 question, 40 page long form
  • Detailed social, economic & housing info

• Social characteristics
  • Education, Language, Birthplace/Nativity, Ancestry, Disability, Marital Status...

• Economic Characteristics
  • Income, Poverty, Labor Force, Commute-to-work, Occupation/Industry

• Housing Characteristics
  • Value of home, Gross Rent, Number of rooms/bedrooms, Heating fuel, Housing costs, Year structure built
Decennial Census Data Sets
2010 Census

Redistricting Data (Feb 2011 – April 1, 2011)
- first release of local data from Census 2010; will include total population, age (18+), race, ethnicity, housing units, occupancy/vacancy
  
  Released - Available Now!

Demographic Profiles (May 2011)
- profiles down to the community level that provide 2010 Census data on age and sex distributions, race, Hispanic or Latino origin, household relationship and type, the group quarters population, and housing occupancy and tenure

  Releasing this month!

Summary File 1 (Summer 2011)
- Household, Family & Relationship data

Summary File 2 (Winter 2011)
- Summary File 1 data iterated for Detailed Race and Ethnic Groups
Decennial Census Data Sets

2000 Census

- 2000 Redistricting Data SF (P.L. 94-171)
- 2000 SF 1 100% Data
- 2000 SF 2 100% Data
  - 2000 SF 3 Sample Data
- 2000 SF 4 Sample Data
Summary File 1
(SF1 = 100% Data)

- Household Relationship
- Sex
- Age
- Hispanic or Latino Origin
- Race
- Tenure (own/rent)
- Vacancy characteristics
Summary File 2
(SF2 = 100% Data)

Summary File 2

Cross references detailed race and ethnic groups with all data subjects in SF1
Summary File 3
(SF3 = Sample Data)

Detailed Social, Economic, Demographic and Housing Characteristics

- **Population**

- **Housing**
  Value of home or monthly rent paid, Units in structure, Year structure built, Number of rooms and number of bedrooms, Year moved into residence, Plumbing and kitchen facilities, Telephone service, Vehicles available, Heating fuel, Farm residence, Utilities, Mortgage, Taxes, Insurance and fuel costs

**Now collected by the ACS**
Summary File 4
(SF4 = Sample Data)

Summary File 4

*Cross references detailed race, ethnic, and ancestry groups with all data subjects in SF3*

Now collected by ACS and available through Selected Population Profiles
Legend Limiter for ArcGIS v9.x

The Legend Limiter for ArcGIS is a tool that automatically limits the symbols displayed in a categorised legend to just those found within the map’s visible extent.

Note:
The Legend Limiter only works on layers that use unique value categories to define symbology. This style of legend can be set up in the Symbology tab of the Layer Properties dialog. Legend Limiter will not limit the symbology of layers set up with single symbol symbology.

Benefits

- Very useful for producing maps with relevant legends.
- No more scrolling through pages of legend symbols in the table of contents. (e.g. CT soils layer has more than 100 categories, but the area in your view may only have 10 types so your legend is limited to those 10)

Available for ArcGIS v8.2 up to v9.3+

Having the Legend "bump" down instead of up when adding and removing items:

This is important if you have a layout where you add items to a base map and you do not want to have to reposition the legend each time.

In the legend properties, select the "Size and Position" tab, in the lower left hand corner choose one of the top Anchor Points (usually top left).
US Census Bureau TIGER/Line Shapefiles

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Goals

• How you can use shapefiles
• The limitations of shapefiles
• Types of shapefiles available and where can you find them
• Schedule
• How to connect census data to shapefiles
• How to compare 2000 and 2010 tracts
• How to compare ACS data w/ 2010 data
TIGER

- Digital database
- Adapts the theory of topology
2010 Census TIGER/Line shapefiles

- Extracts from the TIGER/Line files
- Designed for use with GIS software
How you can use shapefiles.

- Thematic maps
Connecticut Housing Unit Vacancy Rates Change from 2000 - 2010

Source: U.S. Census Bureau, Census 2000 and 2010 Census Redistricting Data Summary File
Shapefile Limitations

• Limited attribute information
• May have to manipulate your external data
• Only as good as the tools used to create them.
WE USE SHAPEFILES ALL THE TIME
How are shapfiles organized

- Legal
- Statistical
Legal Entities
Statistical Entities
What shapefiles are available and where can they be found?
Schedule for releasing shapefiles

- 2010 Census Redistricting Data Files
- National Summary File of Redistricting Data
- Summary file 1 by ZIP Code Tab Areas
- 2011 Island Areas Summary File
- 2012 Urban Area Update
- 2013 113th CD Summary File
- Future TBD – PUMS File
How to compare 2000 Tracts or ACS Data with 2010 Tracts

http://www.census.gov/geo/www/2010census/tract_rel/tract_rel.html
How to connect AFF data to shapefiles: live demonstration
Thank You

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American Community Survey (ACS)
American Community Survey (ACS)

- Social and Economic information every year rather than just once a decade

- Took the place of the census long form (2005)

- At the start of each month, the questionnaire is mailed to a scientifically selected random sample of households in counties throughout the Nation

- The Census will continue to conduct a short-form-only Census every 10 years

- NOT A COUNT! VIEW TRENDS!
American Community Survey (ACS)
CURRENT DATA AVAILABLE FOR 2009

- Data is currently available for all areas
  - Areas with a population 20,000+: 3-Year Estimates (data avail. for 2005-07, 2006-08, 2007-09)
  - Areas below 20,000 (incl. census tracts & block groups): 5-year estimates 2005-09 (first release 2010)
Data Sets
American Community Survey

2005-2009 ACS 5yr Estimates
2007-2009 ACS 3yr Estimates
2009 ACS 1yr Estimates
2006-2008 ACS 3yr Estimates
2008 ACS 1yr Estimates
Summary Level: Geography
Census Tracts generally have a population of 1,500 to 8,000 (optimum 4,000) and follow physical boundaries.
Block Groups generally have a population of 300 to 4,000 (optimum 1,500) and follow physical boundaries.
Block 1011, BG 1, Census Tract 4974, Hartford Cty, CT

- **Blocks**: the smallest geographic level for which census data is available. No population threshold. Size varies.
The NEW American FactFinder is now available!

The transition from the legacy American FactFinder to the NEW American FactFinder will continue through the fall of 2011. Data on the legacy FactFinder will be moved to the NEW FactFinder in the coming months. Frequently Asked Questions »

The legacy American FactFinder will be discontinued in the fall of 2011.

NEW American FactFinder

for data from
Census 2010 (beginning in February 2011)
and Census 2000
go to
factfinder2.census.gov

Legacy American FactFinder

for data from the
American Community Survey,
the Economic Census,
and Population Estimates
go to
factfinder.census.gov
FactFinder 101

1. Know the Data You Want

2. Know Your Geography