

NANC "Basic Needs" Data



- ◆ NANC "Basic Needs" components
 - Economics, Education, Housing & Vitals
 - Tolland and Windham county towns
- ◆ Tips for Using these Data Sets
- ◆ Developing your own Data Set
- ◆ Using NANC Pivot Data

A. NANC Data Components



- ◆ What are they?
 - A reference collection of publicly-available data, pulled together into a uniform platform
 - Data Tables, of comparable data
 - Data Charts, in a customizable configuration
 - For multiple years
 - <http://ctsd.c.uconn.edu/NANC-basicNeeds.html>

A. NANC Data Components



◆ Economics Data:

- Poverty thresholds @ 50%, 100% & 200%
 - ◆ 1st person \$10,600, each additional: \$3,600
- Children in Poverty
 - ◆ Extracted from Census School data
- Cost of Childcare : Monthly & Annual rate
- Per Capita Income + Self Sufficiency Wage
- 2014 Occupational Forecast (Data only), including average annual wage by Job Type

A. NANC Data Components



◆ Education Data:

- Enrollment counts, 2002-03 thru 2006-07
 - ◆ By sex, by age grouping, and by ethnicity
- Average class size + computers/student
- Graduation + DropOut rates + ELLs
- Note: Birth Mother Status is in Education
 - ◆ Whether Married or Unmarried
 - ◆ Whether with HS diploma or not completed HS

A. NANC Data Components



◆ Housing Data:

- Tenure
 - ◆ Owners by population & housing units
 - ◆ Renters by population & housing units
 - ◆ Percent Vacant + percent moved 1995-2000
- Income vs. Housing Costs
- Housing Costs (Monthly & Annual)

A. NANC Data Components



◆ Vitals, Teenage Births & Uninsured:

- Births to Teens (under 20)
 - ◆ Under 18 and under 20
 - ◆ Without PreNatal Care, or adequate or intensive
- Births, Deaths (incl. Fetal & Infant Deaths)
- Number of children insured with Husky

B. Tips for Using NANC Data



◆ Finding your way in each Table:

- Make a working copy, and keep the original
- Maximize the table, so tabs & sliders available
- The first Tab lists all data in that worksheet
- Tabs show whether a Pivot Chart or Data
- Reduce magnification from 100% to 75%, to improve your ability to see all the data

B. Tips for Using NANC Data



◆ Pivot Chart vs. Pivot Data:

- Pivot Chart is the representation of a small # of elements as a graph
 - ◆ Each Chart has data entry on the same page
 - ◆ If charts "freeze", close {do **not** save} & re-open
- Pivot Data Table allows choice of data fields
- Separate Data tabs are entry point for seeing all available data choices

C. Develop your Data Set



- ◆ Personalizing Data from “Basic Needs”
 - Do you have Grant requirements?
 - ◆ An easier process, when you know what you need to gather
 - Or, develop Data that “requires” attention!
 - ◆ Use the “Basic Needs” data to pinpoint Vernon characteristics that “beg for assistance”
 - Only compare “apples to apples” or show possibility without causal relationship

C. Develop your Data Set



- ◆ Finding Grant-specific data
 - Extract data from “Basic Needs” to worksheet
 - List the data still needed for the grant
 - Use the Reference Table to find original source for “Basic Needs” data
 - Refer to “Data Links” from Connecticut Center for Economic Analysis:
http://ceea.uconn.edu/data_sources.htm

C. Develop your Data Set



◆ Finding Grant-specific data

- The Census Bureau will release American Community Survey(ACS) data on towns with population between 20,000 and 65,000, including Vernon, on 12/9/2008.
- This data is comparable with Census 2000 data, and could update some NANC data.
- <http://factfinder.census.gov/>: ACS is the second entry down in the center column.

C. Develop your Data Set



◆ Develop Data that “requires” attention!

- Use project goals to select a topic
- CtSDC recommends choosing a comparison town, to help confirm trends in the data
 - ◆ Manchester, though twice the size and in Hartford County, is probably a good candidate
 - ◆ Within the NANC data set, Windham (at half the size but similar # of students) may be similar

C. Develop Your Data Set



- ◆ Sample "Vitals" data set:
 - Teenage Pregnancies & PreNatal Care (see attached printout)

- ◆ Step by step
 - Copy the original Tab to "top" and rename
 - Review Chart or Data and choose data
 - Save this data, and repeat this process

C. Develop Your Data Set



- ◆ Sample "Economic" data set:
 - School Children in Poverty (see attached)
 - ◆ Repeat process of isolating data choices
 - Percent of Town in Poverty (Census 2000 based)
 - Add Demographics, using Town profile from CtSDC Population Projections:
 - ◆ <http://ctsd.c.uconn.edu/Projections.html>

C. Develop Your Data Set

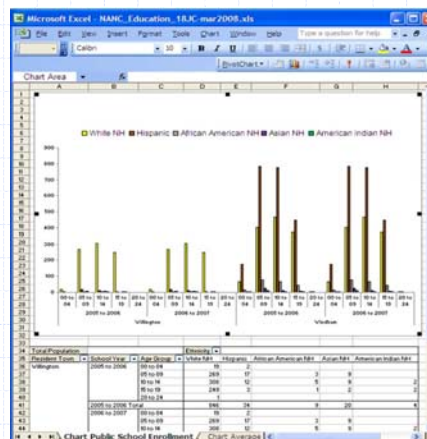


- ◆ Sample "Education" data set:
 - Percentage of students with pre-K (attached)
 - Children's Birth Mother Status
 - ◆ compare with # of Children born to Teens
 - Student Enrollment measures
 - ◆ See Rocky Hill Enrollment Projection from CtSDC
 - ◆ <http://ctsdc.uconn.edu/EducationImpacts.html#2007RockyHillCT>

D. Using NANC Pivot Data



- ◆ Pivot Data controls:
 - Pull-down menus
 - Click on & off
 - ◆ Choose towns
 - ◆ Choose years

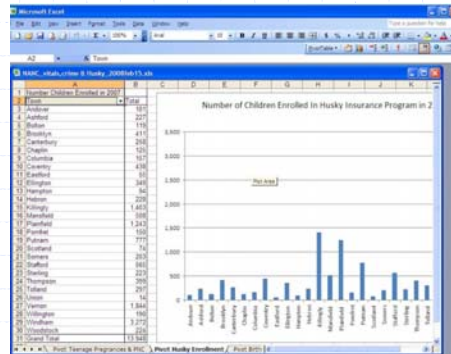


D. Using NANC Pivot Data



◆ Pivot Chart manipulation:

- Font formatting
- Field formatting
- Pivot Wizard
- "Press & Hold"
 - ◆ Smaller # of items =
 - ◆ Better visibility



D. Using NANC Pivot Data



◆ Data Tables separately:

- Customize data
 - ◆ "Copy" the Tab
 - ◆ Check "unit" measured
- or Set up for Pivot
 - ◆ A Header Row
 - ◆ No blank rows/columns
 - ◆ Comparable data units

	Percent of Males (2005)	Percent of Females (2005)	Percent of Total (2005)	Percent of Males (2005)	Percent of Females (2005)	Percent of Total (2005)	Median Household Income (2005)
1							
2							
3							
4	35.2%	4.2%	83.8%	12.4%	81.7%	8.2%	\$152,200
5	39.4%	7.1%	82.8%	20.0%	79.4%	22.6%	\$168,800
6	35.4%	3.2%	82.6%	14.2%	88.2%	11.8%	\$179,700
7	39.7%	6.8%	83.8%	24.9%	80.6%	19.2%	\$120,700
8	39.7%	2.8%	83.8%	18.8%	84.2%	16.8%	\$129,700
9	32.7%	4.2%	76.4%	20.3%	83.8%	18.8%	\$118,300
10	28.1%	8.2%	80.0%	7.7%	89.2%	10.8%	\$118,400
11	31.0%	6.0%	82.0%	13.9%	88.9%	11.7%	\$144,700
12	33.3%	12.2%	79.2%	17.4%	82.8%	17.4%	\$133,200
13	39.8%	4.1%	86.2%	29.8%	79.7%	21.7%	\$166,000
14	29.2%	3.2%	89.2%	11.8%	81.7%	8.9%	\$109,400
15	32.2%	3.8%	83.8%	15.8%	81.7%	8.8%	\$148,800
16	37.2%	8.2%	89.8%	32.8%	79.1%	29.8%	\$128,100
17	37.2%	3.8%	89.8%	38.8%	87.9%	32.8%	\$148,800
18	41.8%	4.1%	86.9%	30.0%	79.1%	27.6%	\$158,900
19	41.8%	4.7%	89.8%	29.9%	82.9%	17.1%	\$168,400
20	42.8%	8.8%	85.7%	41.7%	82.9%	37.1%	\$152,000
21	39.2%	4.2%	83.4%	13.8%	84.9%	11.7%	\$133,100
22	38.8%	2.8%	86.7%	12.4%	89.8%	10.4%	\$139,500
23	38.4%	6.8%	79.8%	19.8%	76.9%	21.6%	\$128,200
24	29.2%	6.8%	76.8%	18.8%	88.8%	12.4%	\$118,800
25	29.8%	6.1%	79.9%	18.8%	81.8%	18.2%	\$139,200
26	29.4%	7.7%	81.4%	8.9%	84.9%	5.2%	\$169,200
27	27.6%	18.2%	71.8%	12.4%	85.0%	18.8%	\$141,600
28	43.8%	4.8%	83.7%	41.8%	83.7%	38.2%	\$137,300
29	41.7%	3.1%	89.2%	39.7%	79.0%	29.8%	\$141,200
30	38.8%	4.8%	84.2%	48.2%	82.6%	48.8%	\$152,200

D. Using NANC Pivot Data



- ◆ CtSDC pointers for using Pivot Charts
 - Experiment with Data Wizard before deadline
 - A Pivot Chart will automatically “total” your data, so don’t use a total column or row
 - When Wizard asks for Chart location, place it on a separate sheet – not on same page
- ◆ Web Tips for learning Pivot Tables
 - ◆ <http://www.techonthenet.com/excel/pivottbbls/index.php>

Connecticut State Data Center

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