



Using Data for Regional Planning

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USING DATA FOR MHSA PLANNING: MAKING DATA WORK FOR YOU

Using Data for Regional Planning

- Planning Purpose:
 - To increase access and reduce racial disparities
- Methodology:
 - Gap analysis comparing 'Intended Service Population' to 'Actual Service Population'.
 - Use demographic and location data as basis for comparison between these populations
 - Age
 - Sex
 - Ethnicity
 - Location (place)

Using Data for Regional Planning

- Census data has the elements but you have to put them together. With just a few manipulations you can get your target population by ethnicity, age and sex in regions that make sense to your county.
 - Your county needs to have Cities/Places with sufficiently large populations to get ethnically specific census poverty data

It Just Takes 3 Tables (two from the Census, one from Dr. Holzer)

- PCT144. AGE BY RATIO OF INCOME IN 1999 TO POVERTY LEVEL [144] by Place and Ethnicity (Data Set: Census 2000 Summary File 4 (SF 4) - Sample Data)
- PCT142. POVERTY STATUS IN 1999 BY SEX BY AGE [59] by Place and Ethnicity (Data Set: Census 2000 Summary File 4 (SF 4) - Sample Data)
- Prevalence Table: Estimates of Need for Mental Health Services by Age, Sex, and Race/Ethnicity, Households <200% poverty (Dr. Holzer)
 - Put the census populations in poverty data into regions
 - Develop table on sex distribution of poverty population
 - Apply the prevalence table to the population

Sample Report

Prevalence Population Regional Detail

| | A | B | C | D | E | F |
|----|---|--------------|----------------|--------------|-------------|--------------|
| 53 | Detail of Estimated SED/SMI Prevalence Population by Region, Age and Ethnicity | | | | | |
| 54 | 0-5 | North | Central | South | East | TOTAL |
| 56 | Caucasian | 98 | 98 | 78 | 45 | 319 |
| 57 | African American | 683 | 95 | 16 | 4 | 797 |
| 58 | Asian/PI | 245 | 82 | 78 | 13 | 418 |
| 59 | Latino | 629 | 355 | 143 | 53 | 1,180 |
| 60 | Total: | 1,654 | 631 | 315 | 114 | 2,714 |
| 61 | | | | | | |
| 62 | 6-11 | | | | | |
| 63 | Caucasian | 116 | 110 | 73 | 66 | 366 |
| 64 | African American | 871 | 95 | 22 | 5 | 992 |
| 65 | Asian/PI | 339 | 107 | 122 | 12 | 580 |
| 66 | Latino | 639 | 367 | 146 | 53 | 1,205 |
| 67 | Total: | 1,965 | 678 | 362 | 137 | 3,142 |
| 68 | | | | | | |

Sample Report

Alameda County Population by Poverty Status, Region and Ethnicity

| | North | Central | South | East | TOTAL |
|--|----------------|----------------|----------------|----------------|------------------|
| ALL | | | | | |
| Total: | 598,543 | 327,007 | 311,336 | 161,008 | 1,397,894 |
| Total < 200% of Poverty | 209,638 | 71,509 | 43,245 | 15,140 | 339,531 |
| % of Pop <200% of Poverty | 35% | 22% | 14% | 9% | 24% |
| White alone - Non Hispanic | | | | | |
| Total: | 204,587 | 130,067 | 113,502 | 120,621 | 568,777 |
| Total < 200% of Poverty | 35,422 | 21,110 | 12,582 | 8,627 | 77,741 |
| % of Pop <200% of Poverty | 17% | 16% | 11% | 7% | 14% |
| Black or African American alone - Non Hispanic | | | | | |
| Total: | 156,935 | 29,793 | 11,296 | 2,382 | 200,406 |
| Total < 200% of Poverty | 70,062 | 7,397 | 1,846 | 410 | 79,715 |
| % of Pop <200% of Poverty | 45% | 25% | 16% | 17% | 40% |
| Asian alone & Native Hawaiian and Other Pacific Islander alone - Non Hispanic | | | | | |
| Total: | 104,067 | 61,535 | 114,167 | 14,341 | 294,110 |
| Total < 200% of Poverty | 43,394 | 11,455 | 12,888 | 1,484 | 69,221 |
| % of Pop <200% of Poverty | 42% | 19% | 11% | 10% | 24% |
| American Indian and Alaska Native alone - Non Hispanic | | | | | |
| Total: | 3,101 | 875 | 1,274 | 0 | 5,250 |
| Total < 200% of Poverty | 1,283 | 250 | 315 | 0 | 1,848 |
| % of Pop <200% of Poverty | 41% | 29% | 25% | - | 35% |
| Some other race alone & Two or more races- Non Hispanic | | | | | |
| Total: | 25,435 | 16,685 | 16,199 | 5,323 | 63,642 |
| Total < 200% of Poverty | 8,713 | 4,299 | 3,552 | 746 | 17,309 |
| % of Pop <200% of Poverty | 34% | 26% | 22% | 14% | 27% |
| Hispanic or Latino (of any race) | | | | | |
| Total: | 104,418 | 88,052 | 54,898 | 18,341 | 265,709 |
| Total < 200% of Poverty | 50,764 | 26,998 | 12,062 | 3,873 | 93,697 |
| % of Pop <200% of Poverty | 49% | 31% | 22% | 21% | 35% |

STEP 1 Get Tables

Web Address for US Census

<http://factfinder.census.gov>

On the main page use the left hand menu to go to Data Sets

Select Census 2000 Summary File 4 (SF 4) - Sample Data - go to detailed tables.

[Values in SF 1 and SF 2](#)

Census 2000 Summary File 4 (SF 4) - Sample Data

Summary File 4 contains tabulations of population and housing data collected from a sample of the population. The data are shown down to the census tract level for 336 race, Hispanic or Latino, American Indian and Alaska Native, and ancestry categories.

[SF 4 Thresholds](#)

Select from the following:

[Detailed Tables](#)

[Geographic Comparison
Tables](#)

[Quick Tables](#)

[Reference Maps](#)

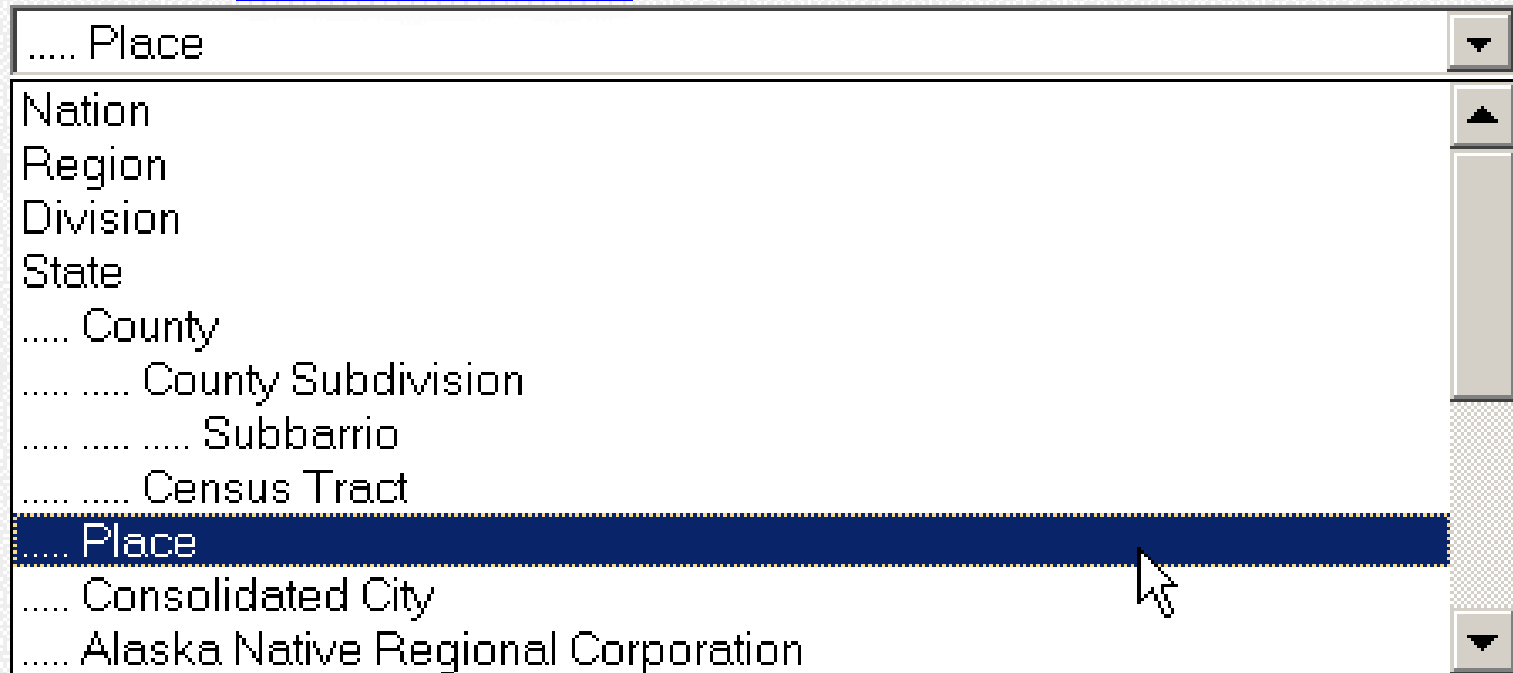
[Custom Table](#)

[Enter a table number](#)

This isn't as good as the Detailed Tables choice because it doesn't ask for population specifications at the right time.

Step 1 -Table Specifications

- Select a [geographic type](#)



Select Place and use the Ctl key to choose multiple places for your county. Then go back up and select County – it's the most complete data set and you will need it later on. The next button will bring you to table selection. You need PCT 144 . You also need PCT142 but you don't want to get them at the same time, you'll need them on separate worksheets.

NOTE: Finding the Places for your County

American FactFinder Main Search

Select Geography

You are here: [Main](#) > [All Data Sets](#) > [Data Sets with Geogra](#)
Census 2000 Summary File 1 (SF 1) 100-P

[Explain Census Geography](#)

Select a **geographic type**
County

Select a state
California

Select a geographic area
Alameda County
Alpine County
Amador County
Butte County
Calaveras County
Colusa County
Contra Costa County
Del Norte County

Select a table format and click 'Next'
County -- Census Tract
County -- County Subdivision and Place

- To get a list of your county's "places" go to FAQ's , search on place and follow the directions given in answer 341. The places will appear at the bottom of the table answer 341 has you make.
- Also, there are many places that use the same name in different parts of the state. When you are selecting places off the dropdown list you can use the "Map It" option to double check the location of your places.

NOTE: Finding Places for your County Cont'd

Census Answer 341 – How to find a list of your county's Places

| |
|---|
| ID 341 |
| Category How Do I Census 2000 Census 2000 Data American FactFinder Tables Maps |
| Date Created 03/15/2004 13:10 |
| Last Updated 07/18/2005 15:04 |



Print Answer



Email Answer

American FactFinder: Data for all places (cities) or towns in the US

Question

How do I find Census 2000 data for all the places (cities) or towns in the U.S. in American FactFinder?

Answer

American FactFinder has a download limit of 7000 geographies at a time. Since there are over 25,000 places in the U.S., it is not possible to get all of this information in one try. There are a couple of different options for being able to download the data in chunks of 7000 or less.

To obtain data for all cities in the U.S. in [American FactFinder](#) (this will provide one table for each state with all cities in the state listed):

1. Click on the "Data Sets" button in the left menu on the Main Page.
2. Select "Census 2000 Summary File 1," or whichever Census 2000 data set has the required data.
3. Click on "Geographic Comparison Table (GCT)" link in the list to the right.
4. Select the "State" level as the Geographic type, and select Alabama as the first state.
5. Select the 'State: **Place** [and in selected states] County Subdivision' table format.
6. Click "Next."
7. Select any table of data, (GCT-PH1 is a good one).
8. Click "Add" to add the table to the selection box.
9. Click "Show Result" to see the table selected with the cities listed alphabetically within the state.
10. Print or download your table for Alabama, then use the Geography link at the top of the page to return to the Select Geography page, and repeat steps 4-10 for each state of interest. You will not need to select a table (steps 7 and 8) unless you wish to select a different table or tables, or remove one. Your original table selection will be retained unless you change it.

If you need data not available in the Geographic Comparison table list, follow steps 1 and 2 above, then:

Step 1 -Table Specifications Cont'd

- Select one or more race or ethnic groups and click 'Add'

... All other Hispanic or Latino
Not Hispanic or Latino
.. White alone
.. White alone or in combination with one or more other races
.. Black alone
.. Black alone or in combination with one or more other races
.. AIAN alone
.. AIAN alone or in combination with one or more other races
.. Asian alone
.. Asian alone or in combination with one or more other races

Add ▼

Select Total Population, then go to the very last set of values. This is where you find the race alone/not Hispanic.

- Select one or more race or ethnic groups and click 'Add'

Yuman alone or in any combination
Hispanic or Latino (of any race)
.. Mexican
.. Puerto Rican
.. Cuban
.. Other Hispanic or Latino
... Dominican (Dominican Republic)
... Central American
.... Costa Rican
.... Guatemalan

A little ways up from the bottom you can get the Hispanics of any race. You should have 8 ethnic breakouts plus the total pop.

Step 1 Export PCT144 Table

Then repeat the previous place/ethnicity selections for table PCT142. Remember to remove PCT144 from the query so you get your PCT142 table alone.

American FactFinder | Main | Search | Feedback | FAQs | Glossary | Site Map | Help

Detailed Tables

You are here: [Main](#) > [All Data Sets](#) > [Data Sets with Detailed Tables](#) > [Geography](#) > [Tables](#) > [Population Groups](#) > **Results**

Use the links above to change your results | **Options** | **Print / Download** | **Related Items**

Save your query.

Note: use all selected tables and geographies

PCT144. AGE BY RATIO OF INCOME IN 1999 TO POVERTY LEVEL [144] -
Universe: [Population for whom poverty status is determined](#)
Data Set: [Census 2000 Summary File 4 \(SF 4\) - Sample Data](#)

geographies 1-10 of 21 [Next](#)

IE will probably block your first attempt. You need to tell IE download ok and do it again. The default file type is CSV. It works fine.

NOTE: Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions see <http://factfinder.census.gov/home/en/datanotes/expsf4.htm>.

| | | | | | | | |
|----------------------------|--------------------------|-------------------------|-------------------------|---------------------------|-------------------------------|----------------------------|-------------------------|
| Alameda County, California | Alameda city, California | Albany city, California | Ashland CDP, California | Berkeley city, California | Castro Valley CDP, California | Cherryland CDP, California | Dublin city, California |
|----------------------------|--------------------------|-------------------------|-------------------------|---------------------------|-------------------------------|----------------------------|-------------------------|

Step 2 PCT144. Age by Ratio of Income

A – Fix Columns

The download will put the entire population first, followed by the ethnicity breakouts. Because of sample size, some ethnicities will not have population figures for every place. You will need to cut/insert/paste the columns for each ethnicity so they are consistent for the whole spreadsheet.

| | A | B | C | D | E | F | G | H | |
|-----|--|-----------|-----------|-------------|-----------|---------------|------------|------------|-----|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | PCT144. AGE BY RATIO OF INCOME IN 1999 TO POVERTY LEVEL [144] - Universe: Population for whom poverty status is de | | | | | | | | |
| 4 | Universe: Total population | | | | | | | | |
| 5 | Data Set: Census 2000 Summary File 4 (SF 4) - Sample Data | | | | | | | | |
| 6 | NOTE: Data based on a sample. For | | | | | | | | |
| 7 | | Alameda C | Alameda c | Albany city | Ashland C | Berkeley c | Castro Val | Cherryland | Dub |
| 611 | PCT144. AGE BY RATIO OF INCOME IN 1999 TO POVERTY LEVEL [144] - Universe: Population for whom poverty status is de | | | | | | | | |
| 612 | Racial and Ethnic Grouping: American Indian and not Hispanic or Latino | | | | | | | | |
| 613 | Data Set: Census 2000 Summary File 4 (SF 4) - Sample Data | | | | | | | | |
| 614 | NOTE: Data based on a sample. For | | | | | | | | |
| 615 | | Alameda C | Alameda c | Fremont ci | Hayward c | Oakland city, | California | | |
| 616 | Total | 5,418 | 379 | 728 | 500 | 1,393 | | | |
| 617 | Under .50 | 299 | 16 | 20 | 28 | 65 | | | |
| 618 | Under .50 | 0 | 0 | 0 | 0 | 0 | | | |
| 619 | .50 to .74 | 11 | 0 | 0 | 0 | 11 | | | |
| 620 | .75 to .99 | 20 | 0 | 0 | 0 | 20 | | | |
| 621 | 1.00 to 1.24 | 20 | 4 | 0 | 0 | 0 | | | |
| 622 | 1.25 to 1.29 | 0 | 0 | 0 | 0 | 0 | | | |





Use a freeze panes on the total population as a guide for the ethnic breakouts

Step 2 PCT144. Age by Ratio of Income

B - Delete Rows

After the columns are all lined up delete the poverty population rows from each age group leaving only the total population for the age group and the 2.00 and over population count.

| | A | B | C | D | E | F | G | H |
|----|---|-----------|-----------|-------------|-----------|------------|------------|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | PCT144. AGE BY RATIO OF INCOME IN 1999 TO POVERTY LEVEL [144] - Universe: Population for whom poverty statu | | | | | | | |
| 4 | Universe: Total population | | | | | | | |
| 5 | Data Set: Census 2000 Summary File 4 (SF 4) - Sample Data | | | | | | | |
| 6 | NOTE: Data based on a sample. For | | | | | | | |
| 7 | | Alameda C | Alameda c | Albany city | Ashland C | Berkeley c | Castro Val | Cherrylk |
| 8 | Total: | 1,419,998 | 71,443 | 16,429 | 20,446 | 97,710 | 55,925 | 13,5 |
| 9 | Under 5 years: | 95,291 | 3,991 | 1,012 | 1,697 | 3,804 | 3,076 | 1,1 |
| 10 | Under .50 | 4,861 | 120 | 34 | 104 | 179 | 61 | |
| 11 | .50 to .74 | 3,397 | 65 | 54 | 25 | 151 | 32 | |
| 12 | .75 to .99 | 3,556 | 111 | 20 | 153 | 219 | 37 | |
| 13 | 1.00 to 1.24 | 3,792 | 85 | 62 | 70 | 93 | 68 | |
| 14 | 1.25 to 1.29 | 617 | 20 | 17 | 28 | 0 | 53 | |
| 15 | 1.30 to 1.49 | 3,300 | 220 | 22 | 154 | 113 | 67 | |
| 16 | 1.50 to 1.74 | 3,784 | 124 | 25 | 135 | 66 | 58 | |
| 17 | 1.75 to 1.84 | 1,807 | 60 | 41 | 52 | 44 | 30 | |
| 18 | 1.85 to 1.99 | 2,033 | 31 | 0 | 35 | 30 | 18 | |
| 19 | 2.00 and over | 68,144 | 3,155 | 737 | 941 | 2,909 | 2,652 | 6: |
| 20 | 5 years: | 20,220 | 804 | 175 | 420 | 720 | 747 | 4: |

-  Cut
-  Copy
-  Paste
- Paste Special...
- Insert
- Delete**
- Clear Contents
-  Format Cells...

Step 2 PCT144. Age by Ratio of Income

C - Add rows and columns. Compute 200% poverty population.

Insert rows beneath the 2.00 population count and subtract the 2.00 and over row from the total row to get the 200% Poverty Population. Group your places and insert columns for Regional Subtotals. Keep the entire county column off to the side. You will use those figures for comparison to your regional totals.

| H414 | | =H412-H413 | | | | | | | |
|------|---|------------|-------------|------------|------------|-------------|------------|----------------|------------|
| | A | B | C | D | E | F | G | H | I |
| 7 | | Alameda c | Albany city | Berkeley c | Emeryville | Oakland ci | Piedmont c | North | Ashland C |
| 404 | PCT144. AGE BY RATIO OF INCOME IN 1999 TO POVERTY LEVEL [144] - Universe: Population for whom poverty sta | | | | | | | | |
| 405 | Racial or Ethnic Grouping: Hispanic or Latino (of any race) | | | | | | | | |
| 406 | Data Set: Census 2000 Summary File 4 (SF 4) - Sample Data | | | | | | | | |
| 407 | | Alameda c | Albany city | Berkeley c | Emeryville | Oakland ci | Piedmont c | North | Ashland C |
| 408 | Total: | 6,450 | 1,281 | 9,571 | 610 | 86,200 | 306 | 104,418 | 6,739 |
| 409 | Total < 200% of Poverty | 1,363 | 374 | 3,973 | 173 | 44,871 | 10 | 50,764 | 2,669 |
| 410 | % of Pop <200% of Poverty | 21% | 29% | 42% | 28% | 52% | 3% | 49% | 40% |
| 411 | | | | | | | | | |
| 412 | Under 5 years: | 526 | 144 | 600 | 47 | 9,154 | 24 | 10,495 | 779 |
| 413 | 2.00 and over | 416 | 119 | 349 | 47 | 3,659 | 24 | 4,614 | 368 |
| 414 | | 110 | 25 | 251 | 0 | 5495 | 0 | 5,881 | 411 |

Step 2 EXAMPLE

PCT 144 with Regional Poverty Population Subtotals

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|--|------------|-------------|------------|------------|-------------|------------|----------------|------------|------------|----------|
| 7 | | Alameda c | Albany city | Berkeley c | Emeryville | Oakland ci | Piedmont c | North | Ashland C | Castro Val | Cherr |
| 404 | PCT144. AGE BY RATIO OF INCOME IN 1999 TO POVERTY LEVEL [144] - Universe: Population for whom poverty status is determ | | | | | | | | | | |
| 405 | Racial or Ethnic Grouping: Hispanic or Latino (of any race) | | | | | | | | | | |
| 406 | Data Set: Census 2000 Summary File 4 (SF 4) - Sample Data | | | | | | | | | | |
| 407 | | Alameda c | Albany city | Berkeley c | Emeryville | Oakland ci | Piedmont c | North | Ashland C | Castro Val | Cherr |
| 408 | Total: | 6,450 | 1,281 | 9,571 | 610 | 86,200 | 306 | 104,418 | 6,739 | 6,864 | 5 |
| 409 | Total < 200% of Poverty | 1,363 | 374 | 3,973 | 173 | 44,871 | 10 | 50,764 | 2,669 | 1,170 | 2 |
| 410 | % of Pop <200% of Povert | 21% | 29% | 42% | 28% | 52% | 3% | 49% | 40% | 17% | 4 |
| 411 | | | | | | | | | | | |
| 412 | Under 5 years: | 526 | 144 | 600 | 47 | 9,154 | 24 | 10,495 | 779 | 679 | |
| 413 | 2.00 and over | 416 | 119 | 349 | 47 | 3,659 | 24 | 4,614 | 368 | 555 | |
| 414 | | 110 | 25 | 251 | 0 | 5495 | 0 | 5,881 | 411 | 124 | |
| 415 | 5 years: | 76 | 16 | 113 | 11 | 2,041 | 0 | 2,257 | 164 | 132 | |
| 416 | 2.00 and over | 70 | 16 | 78 | 11 | 783 | 0 | 958 | 99 | 112 | |
| 417 | | 6 | 0 | 35 | 0 | 1258 | 0 | 1,299 | 65 | 20 | |
| 418 | 6 to 11 years: | 547 | 148 | 822 | 55 | 10,417 | 45 | 12,034 | 931 | 843 | |
| 419 | 2.00 and over | 432 | 114 | 476 | 22 | 3,727 | 45 | 4,816 | 403 | 749 | |
| 420 | | 115 | 34 | 346 | 33 | 6690 | 0 | 7,218 | 528 | 94 | |
| 421 | 12 to 14 years: | 353 | 38 | 320 | 6 | 3,873 | 10 | 4,600 | 257 | 367 | |
| 422 | 2.00 and over | 276 | 24 | 230 | 6 | 1,483 | 10 | 2,029 | 114 | 283 | |

Step 2 PCT144. Age by Ratio of Income

D - Check ethnic populations from cities/places to county total.

For each ethnicity, sum your regionally broken out poverty population numbers and compare them to the county total. If the effect of small populations has resulted in dramatic over or under counting you may want to do adjustments.

| AC108 | | fx =(Z108-AA108)/AA108 | | | |
|-------|----------------------------------|--|----------------------------|--------|---------------|
| | A | Z | AA | AB | AC |
| 103 | PCT144. AGE BY RATIO OF IN | | | | |
| 104 | Racial or Ethnic Grouping: Black | Racial or Ethnic Grouping: Black or African American alone | | | |
| 105 | Data Set: Census 2000 Summa | | | | |
| 106 | | TOTAL | Alameda County, California | | |
| 107 | Total: | 200,406 | 202,900 | -2,494 | |
| 108 | Total < 200% of Poverty | 79,715 | 80,172 | -457 | -0.57% |
| 109 | % of Pop <200% of Poverty | 40% | 40% | | |

Step 2

E - Create Intermediate Table of Poverty Population

This is very helpful especially when you are asked to provide different age groupings for your county's planning process.

| | A | B | C | D | E | F | G | H |
|----|-------|-------|---------|-------|------|--------|--------|--------|
| 62 | Asian | North | Central | South | East | TOTAL | | |
| 63 | 0-5 | 2,504 | 817 | 866 | 143 | 4,330 | youth | 17,179 |
| 64 | 6-11 | 3,564 | 1,028 | 1,318 | 137 | 6,047 | adults | 49,154 |
| 65 | 12-15 | 2,752 | 835 | 855 | 102 | 4,544 | | 66,333 |
| 66 | 16-17 | 1,437 | 419 | 375 | 27 | 2,258 | | |
| 67 | 18-24 | 9,447 | 1,310 | 1,213 | 166 | 12,136 | | |
| 68 | 25-34 | 4,957 | 1,184 | 2,050 | 333 | 8,524 | | |
| 69 | 35-44 | 5,524 | 1,803 | 1,970 | 275 | 9,572 | | |
| 70 | 45-54 | 3,992 | 1,394 | 1,446 | 107 | 6,939 | | |
| 71 | 55-64 | 2,327 | 527 | 713 | 67 | 3,703 | | |
| 72 | 65-74 | 2,601 | 665 | 1,114 | 83 | 4,522 | | |
| 73 | 75+ | 2,463 | 499 | 733 | 44 | 3,758 | | |

Step 3 PCT142. Poverty Status by Sex by Age

A - Delete Rows

This table divides the population into those above and below 100% of the poverty line. Delete the rows for the non-poverty population. Use this table to get the sex ratio of the poverty population by race and age so you can apply the rate to the 200% poverty population.

| | A | B | C | D | E | |
|----|---|-----------|-------|-----|--------|---|
| 23 | 75 years and over | 1,744 | 82 | 21 | 34 | |
| 24 | Female: | 84,565 | 3,387 | 756 | 1,652 | |
| 25 | Under 5 years | 5,732 | 125 | 79 | 178 | |
| 26 | 5 years | 1,326 | 23 | 0 | 11 | |
| 27 | 6 to 11 years | 9,207 | 393 | 10 | 277 | |
| 28 | 12 to 14 years | 3,868 | | | 50 | |
| 29 | 15 years | 1,332 | | | 43 | |
| 30 | 16 and 17 years | 2,604 | | | 28 | |
| 31 | 18 to 24 years | 14,989 | | | 168 | |
| 32 | 25 to 34 years | 13,184 | | | 320 | |
| 33 | 35 to 44 years | 12,156 | | | 277 | |
| 34 | 45 to 54 years | 7,696 | | | 91 | |
| 35 | 55 to 64 years | 4,678 | | | 81 | |
| 36 | 65 to 74 years | 3,433 | | | 56 | |
| 37 | 75 years and over | 4,360 | | | 72 | |
| 38 | Income in 1999 at or above poverty level: | 1,263,194 | | | 17,526 | 7 |
| 39 | Male: | 624,628 | | | 8,842 | 3 |
| 40 | Under 5 years | 42,422 | 1,763 | 408 | 769 | |
| 41 | 5 years | 9,237 | 386 | 99 | 227 | |
| 42 | 6 to 11 years | 55,076 | 2,337 | 667 | 897 | |
| 43 | 12 to 14 years | 24,623 | 1,139 | 403 | 338 | |

Step 3 PCT142. Poverty Status by Sex by Age

B - Fix Columns (same routine you used for PCT144)

| | A | B | C | D | E | F | G | H |
|----|---|-----------|-----------|----------|-------|--------|----------|----------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | PCT142. POVERTY STATUS IN 1999 BY SEX BY AGE [59] - Universe: Population fo | | | | | | | |
| 4 | Universe: Total population | | | | | | | |
| 5 | Data Set: Census 2000 Summary File 4 (SF | | | | | | | |
| 6 | NOTE: | | | | | | | |
| 7 | | Alameda C | Alameda c | Albany c | | | Alto Val | Cherryla |
| 8 | Total: | 1,419,998 | 71,443 | 16,429 | | | 55,925 | 13,51 |
| 9 | Income in | 156,804 | 5,887 | 1,304 | 2,928 | 18,495 | 2,519 | 1,66 |
| 10 | Male: | 72,239 | 2,500 | 548 | 1,268 | 9,516 | 1,065 | 87 |
| 11 | Under 5 ye | 6,082 | 171 | 29 | 104 | 295 | 79 | 9 |
| 12 | 5 years | 1,412 | 28 | 0 | 42 | 16 | 7 | |
| 13 | 6 to 11 ye | 8,809 | 295 | 42 | 275 | 347 | 76 | 10 |
| 14 | 12 to 14 ye | 4,037 | 164 | 23 | 68 | 140 | 37 | 4 |
| 15 | 15 years | 1,410 | 26 | 24 | 26 | 89 | 27 | 2 |
| 16 | 16 and 17 | 2,402 | 105 | 13 | 70 | 150 | 12 | 2 |
| 17 | 18 to 24 ye | 13,628 | 385 | 73 | 154 | 5,267 | 137 | 6 |
| 18 | 25 to 34 ye | 10,639 | 307 | 114 | 197 | 1,399 | 120 | 13 |
| 19 | 35 to 44 ye | 9,393 | 347 | 82 | 161 | 615 | 188 | 17 |

Clean up your city columns for each ethnicity

Step 3 PCT142. Poverty Status by Sex by Age

C – Add Columns for sorting

| | A | B | C | D | E | F |
|----|---------|----|----------------------------------|-----------|-----------|------------|
| 7 | | | | Alameda C | Alameda c | Albany cit |
| 8 | | | Total: | 1,419,998 | 71,443 | 16,429 |
| 9 | | | Income in 1999 below poverty lev | 156,804 | 5,887 | 1,304 |
| 10 | Male: | 1 | Male: | 72,239 | 2,500 | 548 |
| 11 | Male: | 2 | Under 5 years | 6,082 | 171 | 29 |
| 12 | Male: | 3 | 5 years | 1,412 | 28 | 0 |
| 13 | Male: | 4 | 6 to 11 years | 8,809 | 295 | 42 |
| 14 | Male: | 5 | 12 to 14 years | 4,027 | 164 | 22 |
| 15 | Male: | 6 | 15 years | | | |
| 16 | Male: | 7 | 16 and 17 years | | | |
| 17 | Male: | 8 | 18 to 24 years | | | |
| 18 | Male: | 9 | 25 to 34 years | | | |
| 19 | Male: | 10 | 35 to 44 years | | | |
| 20 | Male: | 11 | 45 to 54 years | | | |
| 21 | Male: | 12 | 55 to 64 years | 3,529 | 143 | 25 |
| 22 | Male: | 13 | 65 to 74 years | 2,002 | 63 | 24 |
| 23 | Male: | 14 | 75 years and over | 1,744 | 82 | 21 |
| 24 | Female: | 1 | Female: | 84,565 | 3,387 | 756 |
| 25 | Female: | 2 | Under 5 years | 5,732 | 125 | 79 |
| 26 | Female: | 3 | 5 years | 1,326 | 23 | 0 |
| 27 | Female: | 4 | 6 to 11 years | 9,207 | 393 | 10 |

Insert 2 columns.
One is for sex because it does not appear on every line. The other is for creating an ordering variable which you will need for sorting

Step 3 PCT142. Poverty Status by Sex by Age

D- Sort Rows

Select the 100% of poverty rows for male and female and sort on age order and sex.

| | | | | | | | | | | | |
|----|---------|----|-------------|-----------|--------|--------|--------|--------|--------|--------|--------|
| 7 | | | Total: | 1,419,998 | 71,443 | 16,429 | 20,446 | 97,710 | 55,925 | 13,517 | 24,650 |
| 8 | | | Income in | 156,804 | 5,887 | 1,304 | 2,920 | 19,495 | 2,519 | 1,660 | 719 |
| 9 | Male: | 1 | Male: | 72,888 | 3,500 | 510 | 1,000 | 9,516 | 1,065 | 873 | 340 |
| 10 | Male: | 2 | Under 5 ye | 6 | | | | 295 | 79 | 94 | 4 |
| 11 | Male: | 3 | 5 years | | | | | 16 | 7 | 9 | 10 |
| 12 | Male: | 4 | 6 to 11 ye | 8 | | | | 347 | 76 | 107 | 58 |
| 13 | Male: | 5 | 12 to 14 ye | 4 | | | | 140 | 37 | 44 | 12 |
| 14 | Male: | 6 | 15 years | | | | | 89 | 27 | 26 | 10 |
| 15 | Male: | 7 | 16 and 17 | 2 | | | | 150 | 12 | 26 | 35 |
| 16 | Male: | 8 | 18 to 24 ye | 13 | | | | 5,267 | 137 | 62 | 38 |
| 17 | Male: | 9 | 25 to 34 ye | 10 | | | | 1,399 | 120 | 131 | 40 |
| 18 | Male: | 10 | 35 to 44 ye | 9 | | | | 615 | 188 | 172 | 42 |
| 19 | Male: | 11 | 45 to 54 ye | 7 | | | | 695 | 187 | 87 | 57 |
| 20 | Male: | 12 | 55 to 64 ye | 3 | | | | 215 | 114 | 37 | 20 |
| 21 | Male: | 13 | 65 to 74 ye | 2 | | | | 111 | 20 | 23 | 14 |
| 22 | Male: | 14 | 75 years a | | | | | 177 | 61 | 55 | 0 |
| 23 | Female: | 1 | Female: | 84 | | | | 9,979 | 1,454 | 787 | 379 |
| 24 | Female: | 2 | Under 5 ye | 5 | | | | 254 | 51 | 41 | 16 |
| 25 | Female: | 3 | 5 years | | | | | 66 | 12 | 8 | 0 |
| 26 | Female: | 4 | 6 to 11 ye | 9,207 | 393 | 10 | 277 | 392 | 124 | 66 | 32 |
| 27 | Female: | 5 | 12 to 14 ye | 3,868 | 218 | 42 | 50 | 123 | 70 | 36 | 34 |

Sort ? X

Sort by Ascending Descending

Then by Ascending Descending

Then by Ascending Descending

My list has Header row No header row

Step 3 PCT142. Poverty Status by Sex by Age

E - Create regional subtotals. Insert new rows to combine ages as desired

| J124 | | fx =J120+J122 | | J | Q |
|------|----------------|---------------|---------------|------------|------------|
| 112 | SEX | Sort | | NORTH | CENTRAL S |
| 120 | Male: | 1 | Under 5 years | 206 | 200 |
| 121 | Female: | 1 | Under 5 years | 167 | 143 |
| 122 | Male: | 2 | 5 years | 45 | 54 |
| 123 | Female: | 2 | 5 years | 19 | 39 |
| 124 | Male: | | 0-5 | 251 | 254 |
| 125 | Female: | | 0-5 | 186 | 182 |
| 126 | Male: | 3 | 6 to 11 years | 286 | 267 |

Step 3 PCT142. Poverty Status by Sex by Age

F - Create your sex ratios

Whether you do this with regional splits or combine regions depends on the population size. Be careful when copy/pasting or dragging/dropping this set of formulas, Excel does not emulate this pattern accurately. I did a full set (8 cells) of male/female for 1 age cohort “by hand”, then I copied and pasted.

D138 fx =U138/(U139+U138)

| | A | B | C | D | E | F | G | N | U | Y |
|-----|--|------|-----------|-------------|-----------|----------|--|-------|---------|-------|
| 111 | Racial or Ethnic Grouping: White alone | | | | | | Racial or Ethnic Grouping: White alone | | | |
| 112 | SEX | Sort | NorthRate | CentralRate | SouthRate | EastRate | | NORTH | CENTRAL | SOUTH |
| 136 | Male: | 7 | 0.507455 | 0.434460888 | 0.4961538 | 0.510695 | 18 to 24 years | 2,893 | 411 | 258 |
| 137 | Female: | 7 | 0.492545 | 0.565539112 | 0.5038462 | 0.489305 | 18 to 24 years | 2,808 | 535 | 262 |
| 138 | Male: | 8 | 0.493489 | 0.428412875 | 0.453505 | 0.300439 | 25 to 34 years | 1,478 | 386 | 317 |
| 139 | Female: | 8 | 0.506511 | 0.571587125 | 0.546495 | 0.699561 | 25 to 34 years | 1,517 | 515 | 382 |
| 140 | Male: | 9 | 0.493124 | 0.426666667 | 0.3855422 | 0.388479 | 35 to 44 years | 1,004 | 544 | 320 |
| 141 | Female: | 9 | 0.506876 | 0.573333333 | 0.6144578 | 0.611521 | 35 to 44 years | 1,032 | 731 | 510 |
| 142 | Male: | 10 | 0.514656 | 0.50219106 | 0.5567715 | 0.403727 | 45 to 54 years | 1,071 | 573 | 407 |

Step 4 Get Prevalence Rates Table from Dr Holzer

The prevalence rates table doesn't need much work. Just combine the 18-20 year olds with the 21-24 year olds.

| | A | B | C | D | E | F | G | H | I | J |
|----|---|------------|---------|---------|---------|------------|---------|-------------|-------------|-------------|
| 1 | Estimates of Need for Mental Health Services | | | | | | | | | |
| 2 | by Age, Sex, and Race/Ethnicity | | | | | | | | | |
| 3 | For California, Alameda County (001) | | | | | | | | | |
| 4 | Serious Mental Illness (wsmi01) for 2000 | | | | | | | | | |
| 85 | Age 45-54 | Value | White* | Afr Am* | Asian* | Pacific I* | Native* | Hispanic | Other* | Multi* |
| 86 | Male | Cases | 225 | 189 | 161 | 2 | 8 | 116 | 4 | 54 |
| 87 | Male | Population | 4170 | 3422 | 3195 | 36 | 126 | 1945 | 23 | 844 |
| 88 | Male | Percent | 0.05396 | 0.05523 | 0.05039 | 0.05556 | 0.06349 | 0.059640103 | 0.173913043 | 0.063981043 |
| 89 | Female | Cases | 478 | 436 | 381 | 3 | 6 | 257 | 4 | 69 |
| 90 | Female | Population | 5182 | 5029 | 4198 | 18 | 59 | 2738 | 25 | 661 |
| 91 | Female | Percent | 0.09224 | 0.0867 | 0.09076 | 0.16667 | 0.10169 | 0.093864134 | 0.16 | 0.104387292 |
| 92 | Total | Cases | 703 | 625 | 542 | 5 | 13 | 374 | 7 | 124 |
| 93 | Total | Population | 9352 | 8452 | 7393 | 54 | 185 | 4682 | 48 | 1505 |
| 94 | Total | Percent | 0.07517 | 0.07395 | 0.07331 | 0.09259 | 0.07027 | 0.079880393 | 0.145833333 | 0.082392027 |
| 95 | Age 55-64 | Value | White* | Afr Am* | Asian* | Pacific I* | Native* | Hispanic | Other* | Multi* |

Step 5 Compute the Prevalence Population Detail Tables

| B84 | | fx | | | | |
|-----|------------------------------|--|---------|-------|------|-------|
| A | | =('Race and City and Age DataSet'!B42* 'SMI CELL ESTIMATES'!\$D\$78*DTDownloadSexPoverty!C181) + ('Race and City and Age DataSet'!B42* 'SMI CELL ESTIMATES'!\$D\$81*DTDownloadSexPoverty!C182) | | | | |
| 81 | Prevalence Population | | | | | |
| 82 | 35-44 | North | Central | South | East | TOTAL |
| 83 | White | 524 | 326 | 211 | 165 | 1,226 |
| 84 | African American | 1,053 | 114 | 37 | 8 | 1,212 |
| 85 | Native American | 8 | 1 | 4 | 0 | 12 |
| 86 | Asian | 584 | 191 | 198 | 30 | 1,003 |
| 87 | PI | 36 | 22 | 6 | 0 | 64 |
| 88 | Other | 19 | 3 | 3 | 0 | 24 |
| 89 | Multi | 122 | 63 | 61 | 16 | 262 |
| 90 | Hispanic | 652 | 339 | 164 | 42 | 1,197 |
| 91 | Total | 3,474 | 790 | 479 | 96 | 5,000 |

(AA 34-44 Poverty Population x AA 34-44 Male Prevalence Rate x AA 34-44 Male Rate) + (AA 34-44 Poverty Population x AA 34-44 Female Prevalence Rate x AA 34-44 Female Rate)

Step 5 Compute the Prevalence Population Detail Tables cont'd

For Alameda County, the prevalence rates for 0-5 males were virtually the same as those for 0-5 females. I used the combined rate against the entire poverty population and skipped the sex breakouts.

| B4 | | fx ='Race and City and Age DataSet'!B19*\$G\$4 | | | | | |
|----|------------------------------|--|---------|-------|------|-------|-----------|
| | A | B | C | D | E | F | G |
| 1 | | | | | | | |
| 2 | Prevalence Population | | | | | | |
| 3 | 0-5 | North | Central | South | East | TOTAL | prev rate |
| 4 | White | 98 | 98 | 78 | 45 | 319 | 0.087 |
| 5 | African American | 683 | 95 | 16 | 4 | 797 | 0.090 |
| 6 | Native American | 9 | 0 | 0 | 0 | 9 | 0.085 |
| 7 | Asian | 222 | 72 | 77 | 13 | 384 | 0.089 |
| 8 | PI | 23 | 10 | 1 | 0 | 34 | 0.082 |
| 9 | Other | 9 | 1 | 0 | 0 | 10 | 0.097 |
| 10 | Multi | 76 | 51 | 32 | 11 | 170 | 0.092 |
| 11 | Hispanic | 629 | 355 | 143 | 53 | 1,180 | 0.088 |
| 12 | Total: | 1,748 | 683 | 347 | 126 | 2,904 | |

Step 6 Put the data to work

Comparison of clients served to Prevalence Population

| Detail of Clients Served compared to Estimated SMI/SED Prevalence Population by Region, Age and Ethnicity | | | | | | | | | | |
|--|---------------------|--------------------------------|---------------------|--------------------------------|---------------------|--------------------------------|---------------------|--------------------------------|---------------------|--------------------------------|
| | NORTH | | CENTRAL | | SOUTH | | EAST | | TOTAL | |
| 0-5 | # of Clients | Served as % of Prev Pop | # of Clients | Served as % of Prev Pop | # of Clients | Served as % of Prev Pop | # of Clients | Served as % of Prev Pop | # of Clients | Served as % of Prev Pop |
| Caucasian | 48 | 49% | 39 | 40% | 31 | 40% | 17 | 38% | 135 | 42% |
| African American | 246 | 36% | 42 | 44% | 23 | 147% | 2 | 53% | 313 | 39% |
| Asian/PI | 33 | 13% | 12 | 15% | 7 | 9% | 1 | 8% | 53 | 13% |
| Latino | 94 | 15% | 50 | 14% | 28 | 20% | 8 | 15% | 180 | 15% |
| Total: | 421 | 25% | 143 | 23% | 89 | 28% | 28 | 24% | 681 | 25% |
| 6-11 | | | | | | | | | | |
| Caucasian | 145 | 125% | 121 | 110% | 114 | 156% | 57 | 86% | 437 | 119% |
| African American | 912 | 105% | 145 | 153% | 71 | 328% | 23 | 453% | 1151 | 116% |
| Asian/PI | 99 | 29% | 20 | 19% | 24 | 20% | 2 | 16% | 145 | 25% |
| Latino | 238 | 37% | 100 | 27% | 69 | 47% | 17 | 32% | 424 | 35% |
| Total: | 1394 | 71% | 386 | 57% | 278 | 77% | 99 | 72% | 2157 | 69% |

Data Footnote

*Served as a percent of the prevalence population equals the number of users divided by the prevalence population for each age group. The overall prevalence rate for the county was estimated by California DMH at 8.69%. This rate was estimated using prevalence data that did not include high-risk populations such as the incarcerated and homeless. This prevalence population (SED/SMI) only includes the most acutely ill and greatly underestimates the actual need for mental health services. For example, the Surgeon General's 1999 Mental Health Report estimates that about one in five (20%) of Americans experiences a mental disorder in the course of a year.

Some limitations on data:

- Sample Census Data (1 in 6)
- Small populations tend to fall out*
- Different population than Dr Holzer used to determine the prevalence rates

*Population Threshold Note from US Census

NOTE: The population threshold on Summary File 4 is 100. In addition, there must be at least 50 or more unweighted cases of the population group. The requested table is not available for the following geographic area(s) because the population of the selected race or ethnic group, or ancestry group, is less than the threshold(s). Change your selection to a larger geographic area and/or choose a more broadly defined race, ethnic, or ancestry group.

Some Service Data Considerations:

- Accuracy of ethnic data
- Current service population can include those who would not be considered part of the prevalence population.
- What counts as “served”?