Still Special After All These Years;
A Custom Tabulation for Transportation

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I Am A Rock - What is the Census Transportation Planning Products (CTPP) Program?

• The most recent CTPP tab is a large custom tabulation of ACS data
  – 197 tables
  – Over 70 variables
  – 17 levels of geography
  – 350,000 individual geographies

• CTPP is an AASHTO sponsored program funded by state transportation agencies

• Operates with support from FHWA, RITA, FTA, Census Bureau, MPOs and TRB

• The program includes:
  – Data products
  – Training and technical assistance
  – Research

• Designed by and for the transportation community

• Started in 1970 with custom tabs based on the Journey to Work question
50 Ways to Use Your Data

• Purpose:
  – Help (transportation planners) understand characteristics about where people live and work, and their commuting patterns and modes

• Most used for validating travel models

• Also:
  – Performance measurement
  • Modal share analysis
  • Equity analysis
  • FTA New Starts/Small Starts
  • Policy Impact Analysis
  • Livability analysis
  • Corridor planning
  • Air quality modeling
  • Trend analysis
  • Descriptive statistics
  • Travel forecasting
  • Title IV
  • Factoring/Adjusting surveys
If this person worked last week, answer questions P28 and P29.

P28. What city and county did he work in last week?
   If he worked in more than one city or county, give place where he worked most last week.

   a. City or town ........................................
   b. If city or town—Did he work inside the city limits?
      { Yes  □  No □
   c. County ........................................ State ..............

P29. How did he get to work last week? (Check one box for principal means used last week)
   Railroad  □  Taxicab  □  Walk only  □
   Subway or elevated  □  Private auto or car pool  □  Worked at home  □
   Bus or streetcar  □  Other means—Write in: ........................................

Slip Sliding Away
When Numbers Get Serious - Specifying a Custom Tabulation

• Deciding what we need
  – Tables, Geography
  – What do Planners Need?

• Logistics
  – Getting in the Queue

• Contracting
  – MOA, IAA, TMA,

• The Disclosure Review Board
American Community Survey (ACS)

Custom Tables

Before considering the purchase of a custom tabulation, we encourage you to look at the wide variety of American Community Survey data products already available on the American Factfinder website.

For more experienced data users, the Public Use Microdata Sample File might be right for you. The PUMS file allows you to create tabulations using confidentiality-protected person and housing unit records. Public Use Microdata Areas, or PUMAs, are the lowest level of geography available in the PUMS file.

Request a Custom Tabulation

If your data needs cannot be met with the data sources discussed above, you can request a custom tabulation.

Please keep in mind:

- Census Bureau staff will contact you within 3-5 business days after you submit the request form to discuss your request before starting work.
- The minimum cost of a custom tabulation is $3000 (and it is often much more).
Bridge Over Troubled Water

NCHRP Web Report 180 ($550K)
Producing Transportation Data Products from the ACS that Comply With Disclosure Rules

5-year CTPP will have two types of tables

Tables that passed Census Rules

Tables with Perturbation done to them

Privacy Protection

<table>
<thead>
<tr>
<th>CTPP Table Number</th>
<th>Content</th>
<th>Universe</th>
<th># of Cells</th>
</tr>
</thead>
<tbody>
<tr>
<td>A202101</td>
<td>Age of Worker (10)</td>
<td>Workers 16 years and over</td>
<td>10</td>
</tr>
<tr>
<td>A202102</td>
<td>Class of worker (9)</td>
<td>Workers 16 years and over</td>
<td>9</td>
</tr>
<tr>
<td>A202105</td>
<td>Means of Transportation (18)</td>
<td>Workers 16 years and over</td>
<td>18</td>
</tr>
<tr>
<td>A202111</td>
<td>Sex (3)</td>
<td>Workers 16 years and over</td>
<td>3</td>
</tr>
<tr>
<td>A202112</td>
<td>Time arriving (41)</td>
<td>Workers 16 years and over</td>
<td>41</td>
</tr>
<tr>
<td>A202204</td>
<td>Hispanic origin (3) by Race (5)</td>
<td>Workers 16 years and over</td>
<td>15</td>
</tr>
<tr>
<td>A202205</td>
<td>Industry (15) by Earnings in the past 12 months (2016$) (11)</td>
<td>Workers 16 years and over</td>
<td>165</td>
</tr>
<tr>
<td>A202208</td>
<td>Minority Status (3) by Earnings in the past 12 months (2016$) (11)</td>
<td>Workers 16 years and over</td>
<td>33</td>
</tr>
<tr>
<td>A202212</td>
<td>Occupation (25) by Industry (15)</td>
<td>Workers 16 years and over</td>
<td>375</td>
</tr>
<tr>
<td>A202214</td>
<td>Industry (15) by Time arriving (17)</td>
<td>Workers 16 years and over</td>
<td>255</td>
</tr>
<tr>
<td>A202215</td>
<td>Linguistic Isolation (3) by Language spoken at home (12)</td>
<td>Workers 16 years and over</td>
<td>36</td>
</tr>
<tr>
<td>A202223</td>
<td>Household income in the past 12 months (2016$) (9) by</td>
<td>Workers 16 years and over</td>
<td>38</td>
</tr>
</tbody>
</table>
I Know What I Know - Research, Making the data better, Limitations of small area data

- A Guidebook for using American Community Survey Data for Transportation Planning (NCHRP Report 588)
- Assessing the Utility of the CTPP based on ACS 2006 – 2010
- Custom Geographies and Standard geographies
- NCHRP 08-123 [Pending] Census Transportation Data Field Guide for Transportation Applications
Keep the Customer Satisfied- Disseminating the Data

• Data Delivery
  – Current tab
    • 10 Gigabyte flat file
  – Web-based Data Access Software

• Software development
  – Has followed the special tabs
  – From tapes to disks to the internet
You Can Call Me, Al

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