

CTPP Crash Course

Census Transportation Planning Products program

Jim Hubbell

8/22/2018

Tools of the Trade



What are We Here For?

- Data
- Approaches
- Applications
- Software
- The Future!
- Your Stuff

What is the CTPP?

An AASHTO sponsored data program funded by member State transportation agencies

Operates with support from FHWA, OST-R, FTA, BTS, Census Bureau, MPOs and TRB

The program includes:

- Data products**

- Training and technical assistance**

- Research**

Designed for and by the transportation community

What is the CTPP, really?

- Largest Special Tab
- State and MPO run
- Partnership with AASHTO, Census, FHWA, FTA, BTS
- 5 years at a time (TSP in 2012)
 - \$5.8
 - \$4.5
 - \$5.67
 - MD -\$104k
 - PA - \$220k
 - DE - \$16k
- Data
 - Tabs
 - Profiles
- Training and Outreach
 - Classroom
 - e-Learning
 - Webinars
 - Conferences
 - Lunch Talks...
- Research
 - Census Guidebook
 - Commuting in America

Guided by an AASHTO Oversight Board

MPOs

Arash Mirzaei, NCTCOG
Jim Hubbell, MARC
Shimon Israel, MTC
MaryAnn Waldinger, COMPASS
Benjamin Gruswitz, DVRPC
Vacant
Vacant

Chair: Jessie Jones, AR (Region II)

Vice Chair: Guy Rousseau, ARC

AASHTO Liaison: Penelope Weinberger

17 voting members: 9 states and 8 MPOs


States

Laine Heltebride, PA (Region I)
Greg Slater, MD (Region I)
Thomas Hill, FL (Region II)
Habte Kassa, GA (Region II)
Phillip Mescher, IA (Region III)
Jennifer Murray, WI (Region III)
Soheila Khoii, CA (Region IV)
Erik Sabina, CO (Region IV)

Liaisons, SMEs, Adjuncts

Brian McKenzie, Census Bureau
Charlynn Burd, Census Bureau
Joe Hausman, FHWA
Ken Cervenka, FTA
Clara Reschovsky, OST-R, BTS
Ed Christopher, Consultant
Kate Lawson, SUNY Albany
Krishnan Viswanathan, Cambridge Systematics
Alan Pisarski, Consultant
Steven Polzin, USF. CUTR
Bill Keyrouze, AMPO
Erich Zimmermann, NARC
Tom Palmerlee, TRB
Matt Hardy, AASHTO
JJ (Jing Jing) Zang, Technical Adjunct

And it's free, right?



Census Transportation Planning Products

Technical Assistance Program

CTPP Proposed Funding by State by Population (at 0.0145¢)					
State	Population*	CTPP Five Year Fund Commitment	State	Population*	CTPP Five Year Fund Commitment
Alabama	4,779,736	\$69,306	Montana	989,415	\$14,347
Alaska	710,231	\$10,298	Nebraska	1,826,341	\$26,482
Arizona	6,392,017	\$92,684	Nevada	2,700,551	\$39,158
Arkansas	2,915,918	\$42,281	New Hampshire	1,316,470	\$19,089
California	37,253,956	\$540,182	New Jersey	8,791,894	\$127,482
Colorado	5,029,196	\$72,923	New Mexico	2,059,179	\$29,858
Connecticut	3,574,097	\$51,824	New York	19,378,102	\$280,982
Delaware	897,934	\$13,020	North Carolina	9,535,483	\$138,265
Dist. of Columbia	601,723	\$8,725	North Dakota	672,591	\$9,753
Florida	18,801,310	\$272,619	Ohio	11,536,504	\$167,279
Georgia	9,687,653	\$140,471	Oklahoma	3,751,351	\$54,395
Hawaii	1,360,301	\$19,724	Oregon	3,831,074	\$55,551

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Idaho	1,567,582	\$22,730	Pennsylvania	12,702,379	\$184,184
Illinois	12,830,632	\$186,044	Rhode Island	1,052,567	\$15,262
Indiana	6,483,802	\$94,015	South Carolina	4,625,364	\$67,068
Iowa	3,046,355	\$44,172	South Dakota	814,180	\$11,806
Kansas	2,853,118	\$41,370	Tennessee	6,346,105	\$92,019
Kentucky	4,339,367	\$62,921	Texas	25,145,561	\$364,611
Louisiana	4,533,372	\$65,734	Utah	2,763,885	\$40,076
Maine	1,328,361	\$19,261	Vermont	625,741	\$9,073
Maryland	5,773,552	\$83,717	Virginia	8,001,024	\$116,015
Massachusetts	6,547,629	\$94,941	Washington	6,724,540	\$97,506
Michigan	9,883,640	\$143,313	West Virginia	1,852,994	\$26,868
Minnesota	5,303,925	\$76,907	Wisconsin	5,686,986	\$82,461
Mississippi	2,967,297	\$43,026	Wyoming	563,626	\$8,173
Missouri	5,988,927	\$86,839	Puerto Rico	3,725,789	\$54,024
Grand Total: \$4,530,834					

* population based on:
TOTAL POPULATION
Universe: Total population
2010 Census Summary File 1

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:
.....

Transformation over time

	Buyers/Users	Direct Cost	Tables
1960	OMB	???	???
1970	112	\$0.6 M	43
1980	152	\$2.0 M	82
1990	All States and MPOs	\$2.5 M	120
2000		\$3.0 M	203
2007- 2013	AASHTO Consolidated Purchase	\$5.8 M	Multiple Products
2014 - 2019	AASHTO Consolidated Purchase	\$4.5 M	Multiple Products



THE American Community Survey

U.S. DEPARTMENT OF COMMERCE
Economic and Statistics Administration
U.S. Census Bureau

This booklet shows the content of the American Community Survey questionnaire.

Please complete this form and return it as soon as possible after receiving it in the mail.

This form asks for information about the people who are living or staying at the address on the mailing label and about the house, apartment, or mobile home located at the address on the mailing label.



If you need help or have questions about completing this form, please call 1-800-368-7271. The telephone call is free.

Telephone Device for the Deaf (TDD):
Call 1-800-800-8592. The telephone call is free.

¿PRECISITA AYUDA? Si usted habla español y necesita ayuda para completar su cuestionario, llame al largo número 1-877-832-6426. Usted también puede pedir un cuestionario en español o completar su cuestionario por teléfono con un entrevistador que habla español.

For more information about the American Community Survey, visit our web site at <http://www.census.gov/acswater>

Start Here

- 1 Please print today's date.

Month Day Year

- 2 Please print the name and telephone number of the person who is filling out this form. We may contact you if there is a question.

Last Name

First Name MI

Area Code + Number
 -

- 3 How many people are living or staying at this address?
• **INCLUDE** everyone who is living or staying here for more than 2 months.
• **INCLUDE** yourself if you are living here for more than 2 months.
• **INCLUDE** anyone else staying here who does not have another place to stay, even if they just have for 2 months or less.
• **DO NOT INCLUDE** anyone who is living somewhere else for more than 2 months, such as a college student living away or someone in the Armed Forces on deployment.

Number of people

- 4 Fill out pages 2, 3, and 4 for everyone, including yourself, who is living or staying at this address for more than 2 months. Then complete the rest of the form.

Form ACS-18P0023 (2011)

2012 RELEASE UNDER E.O. 13526

A brief history, Pop Quiz

- When did the Journey to Work Question first appear on the Census Form?
 - ❖ *1960*
- How often is the Census collected?
 - ❖ *decennially*
- How about the American Community Survey (ACS)
 - ❖ *Continuously!*
- Without data you're just
 - ❖ *Another person with an opinion*
 - » W. Edwards Deming

CTPP Data Products - Source

CTPP data products use data from the US Census Bureau American Community Survey (ACS)

The ACS requires accumulation of data over multiple years for small area tabulation

1 Year of data for places with 65,000+ people

1 Year of data for special topics for places with 20,000+ people (K tables)

5 Years of data for smaller geographic areas, e.g. Tracts and Block Groups

Some Key Data Items Include

- Data on **Households**
 - Size, income, vehicles per household
- Data on **Workers**
 - Age and gender, occupations, earnings
- Data on **Journey to Work**
 - Usual mode to work, commuting time, work departure time
- Data on **Workplaces**
 - Work locations, times of arrival at work

CTPP Data Concepts

Summarized data by
Place of Residence
Place of Work
Flows from Home to Work



Custom Geography (Local TAZs)

Let's talk about PSAP!

Unique Universes (e.g. workers in HHs)

The Sad Story of TAZ and the PSAP that Saved* It

- Smallest geography was TAZ
- But, for reasons...
 - CB quoted in excess of \$2.5 million for delineation
 - Data not as reliable as Census Standard Geography
- Participant Statistical Areas Program (PSAP)
- Make Block Groups work for you!
 - Responded to FR notices
 - Webinars
 - Outreach
 - <https://ctpp.transportation.org/policy-change-on-small-geography/>

*hopefully!

Date: JANUARY 4, 2018 (UPDATE: FEBRUARY 22, 2018)
To: CTPP USERS
From: CENSUS TRANSPORTATION PLANNING PRODUCTS PROGRAM OVERSIGHT BOARD
Subject: **POLICY CHANGE ANNOUNCEMENT ON SMALL AND CUSTOM GEOGRAPHY IN CTPP**

Census Transportation Planning Products (CTPP) Oversight Board Discontinuing Census Transportation Analysis Zone (TAZ) for Small Geography Data Reporting, Adopting Standard Census Block Group. Urging the Transportation Planning Community to Engage in 2020 Census Participant Statistical Areas Program (PSAP)

WHO NEEDS TO SEE THIS MEMO?

MPOs, state DOTs, anyone who uses CTPP data by census TAZ and census TAD, Demographers, Travel Demand Modelers, Planners, GIS Specialists.

WHAT IS HAPPENING?

Following the release of the Census Transportation Planning Products (CTPP) 2012-2016 dataset in early 2019.

Participant Statistical Areas Program (PSAP)

2020 Census Participant Statistical Areas Program (PSAP)

The 2020 Census Participant Statistical Areas Program (PSAP) allows invited participants to review and update selected statistical area boundaries for 2020 Census data tabulation following U.S. Census Bureau guidelines and criteria. The Census Bureau also will use the statistical areas defined for the 2020 Census to tabulate data for the annual American Community Survey (ACS) estimates and the Economic Census.

There are two types of statistical geographies available for review under the PSAP. The first is standard statistical geography; the second is tribal statistical geography.

Standard statistical geographies include:

- Census tracts.
- Block groups.
- Census designated places (CDPs).
- Census county divisions (CCDs), in selected states.

Thinking about Underlying Data, or: “What’s an MOE and Why Should I Care?”

I understand there are some important issues to be aware of, in both the Census ACS data and the CTPP, is it true?

You betcha!

Where to begin?

**Have you come across
any ACS and data issues
in your work?**

- 1. Sample Error (90% Confidence)**
- 2. Collapsing**
- 3. Period Estimates**
- 4. Reliability**
- 5. Dollar Values**
- 6. Trend Analysis**



You must heed Statistical Significance

Sampling Error

To avoid false statements like

City of Flagstaff, AZ Mode to Work	CTPP2000			2005-2007 ACS			Is Change Significant in number?
	Nos.	%	MOE	Nos.	%	MOE	
Total Workers	28,495	100.0	592	34,239	100.0	1,264	Yes
Drove alone	19,790	69.5	574	23,113	67.5	1,446	Yes
Carpooled	4,185	14.7	320	4,649	13.6	707	No
Public transportation	184	0.6	70	438	1.3	247	No
Walked	2,055	7.2	229	2,241	6.5	528	No
Taxicab, m-cycle, bike, oth.	1,275	4.5	182	2,174	6.3	526	Yes
Worked at home	1,010	3.5	162	1,624	4.7	373	Yes

Commutes increase for all modes

*“Based upon data from the 2000 Census (CTPP) and the 2005-2007 ACS, the total number workers who live in Flagstaff increased along with the number **who took transit** to work. During the same time, the number of people who worked at home increased along with those who drove alone and **carpooled.**”* *The World Gazette*

Interpreting data and questions

Part 1, Profile 1 (Resident data)

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Part 2, Profile 1 (Workplace data)

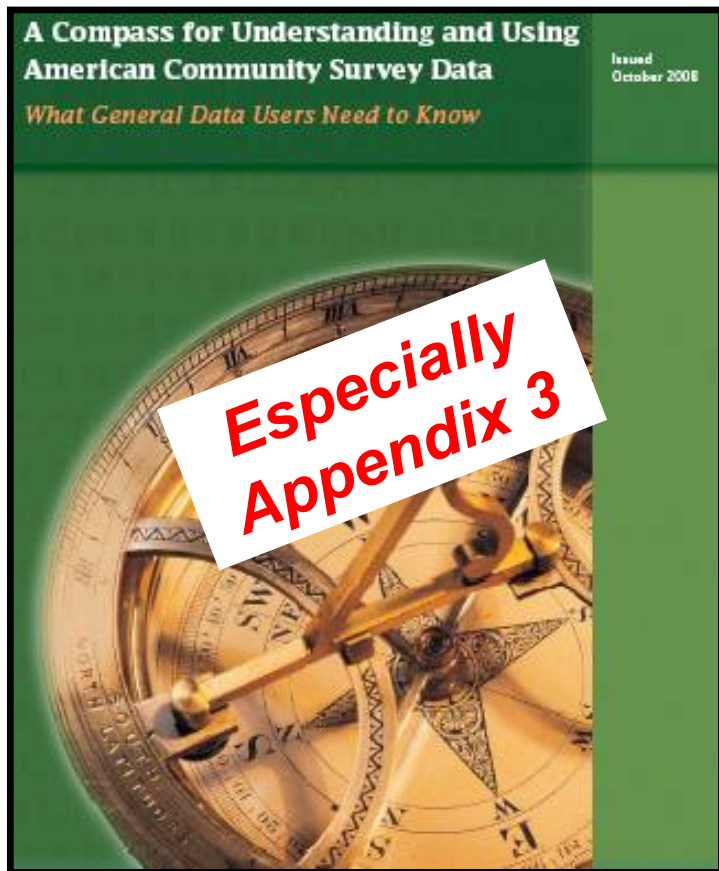
City of Flagstaff, AZ Mode to Work	CTPP2000			2005-2007 ACS			Is Change Significant in number?
	Nos.	%	MOE	Nos.	%	MOE	
Total Workers	35,765	100	554	40,798	100.0	1,577	Yes
Drove alone	25,640	71.7	592	28,930	70.9	1,674	Yes
Carpooled	5,550	15.5	363	5,375	13.2	792	No
Public transportation	160	0.45	65	396	1.0	241	No
Walked	2,190	6.12	236	2,321	5.7	504	No
Taxicab, m-cycle, bike, oth.	1,214	3.39	177	2,152	5.3	511	Yes
Worked at home	1,010	2.82	162	1,624	4.0	373	Yes

Between the reference period what has the number of people who took transit to work in Flagstaff done?

- A. Gone Up?
- B. Gone Down?
- C. No significant Change

Which Table would you use and why?

The ACS compass handbooks



A Compass for Understanding And Using ACS Data

- Set of user-specific handbooks
- Train-the trainer materials
- E-learning ACS Tutorial
- Annotated Presentations

http://www.census.gov/acs/www/guidance_for_data_users/compass_products/

NY State Data Center Calculator

ACS Statistical Significance

GO

Calculate the statistical significance of the difference between two estimates.

Information Needed: Two estimates. 90% margin of error for each estimate. If you don't have this you might need to use one of the other choices below first. **Example:** Is there a significant difference between the median age in New York City and Los Angeles?

GO

Calculate the 90% margin of error for the difference between or total of two estimates. This does not test for significant difference. **Information Needed:** Two estimates.

90% margin of error for each estimate. **Example:** What is the margin of error for the number of associate degree recipients living in either Albany or Schenectady County, NY?

GO

Calculate the 90% margin of error for the sum of three or more estimates.

Information Needed: Three or more estimates. 90% margin of error for each estimate.

Example: What is the margin of error for the number of households with incomes less than \$40,000 (combination of 7 categories) in New York City?

GO

Calculate the Margin of Error for a proportion. **Information Needed:** Estimated value (e.g., number of people 25 and older who did not graduate high school). Estimated base value (e.g., number of people 25 and older). 90% margin of error for each of these estimated values.

Example: What percent of the population 25 and older in Syracuse did not graduate high school and what is the 90% margin of error for this percentage?

GO

Calculate the Margin of Error for a ratio. **Information Needed:** Estimated value (e.g., aggregate public assistance income). Estimated base value (e.g., number of households receiving public assistance). 90% margin of error for each of these estimated values.

Example: What was the average public assistance income of households receiving public assistance in Rochester, NY and what was the 90% margin of error for this average?

<http://sdcclearinghouse.wordpress.com/2009/03/03/spreadsheets-to-calculate-acmargins-of-error-and-statistical-significance-for-sums-proportions-and-ratios/>

Understanding the MOE

Part 1, Profile 1 (Resident data)

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Using the MOE

We know the number of workers has changed, but what is the range of that change?

- A. 5,744?
- B. 5,072 to 6,416?
- C. 3,888 to 7,600?

Flagstaff Resident Workers

	CTPP2000	07ACS3	Range
			3,888
Low	27,903	32,975	5,072
Middle	28,495	34,239	5,744
High	29,087	35,503	6,416
			7,600

Collapsed table

C08301. MEANS OF TRANSPORTATION TO WORK -

Universe: WORKERS 16 YEARS AND OVER

Data Set: 2009-2011 American Community Survey 3-Year Estimates

	Imperial Beach city, California	
	Estimate	Margin of Error
Total:	10,911	+/-779
Car, truck, or van:	8,989	+/-726
Drove alone	8,047	+/-727
Carpooled:	942	+/-217
In 2-person carpool	697	+/-207
In 3-person carpool	91	+/-73
In 4-or-more-person carpool	154	+/-98
Public transportation (excluding taxicab)	889	+/-319
Walked	305	+/-189
Taxicab, motorcycle, bicycle, or other	461	+/-186
Worked at home	267	+/-150

Source: 2009-2011 American Community Survey 3-Year Estimates

Full table not available

Sometimes neither tables exist

And MOEs are greater than estimate

Population = 26,458 +/- 30

ACS: Full and collapsed table

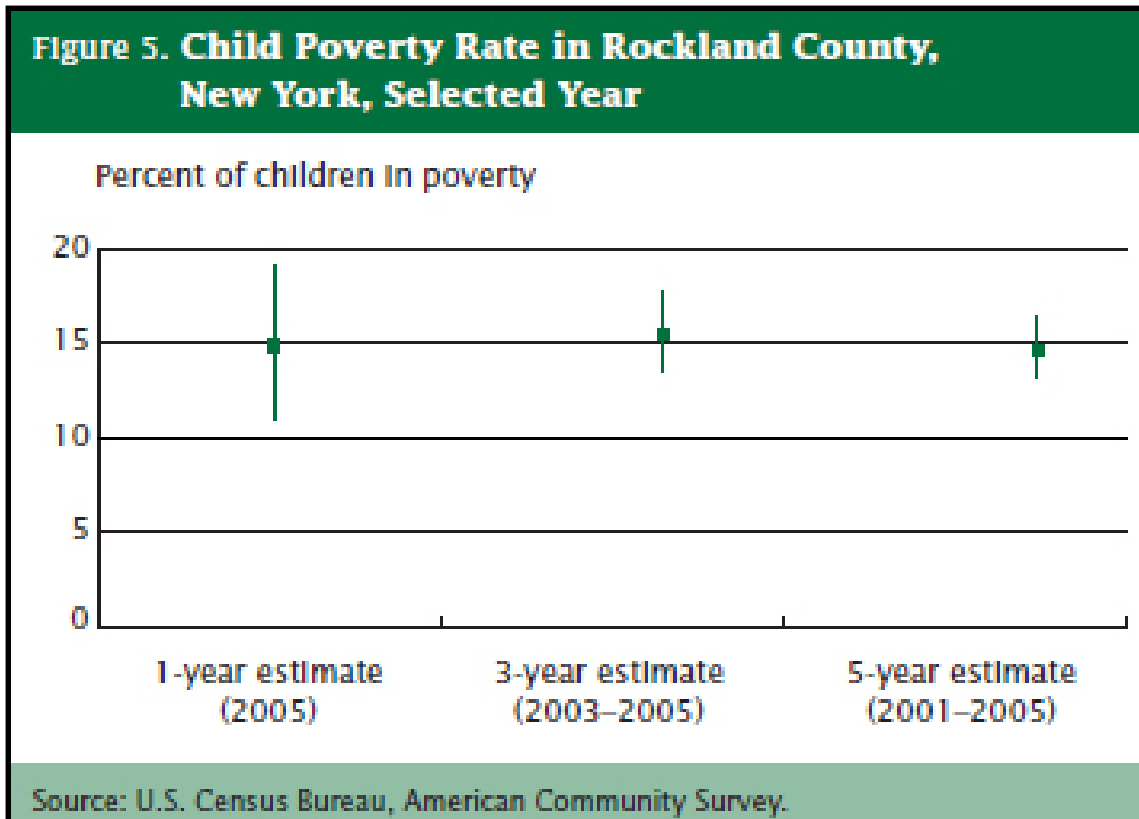
What do you notice about the Table?

Minneapolis city, Minnesota	Table B08301		Table C08301	
	Nos.	MOE	Nos.	MOE
Total:	213,681	4,785	213,681	4,785
Car, truck, or van:	150,461	4,674	150,461	4,674
Drove alone	133,483	4,598	133,483	4,598
Carpooled:	16,978	1,996	16,978	1,996
In 2-person carpool	12,670	1,709	12,670	1,709
In 3-person carpool	1,773	550	1,773	550
In 4-person carpool	1,212	601	2,535	840
In 5- or 6-person	207	176		
In 7-or-more-person	1,116	525		
Public transportation	25,880	2,552	25,880	2,552
Bus or trolley bus	23,553	2,420		
Streetcar or trolley car	592	388		
Subway or elevated	803	324		
Railroad	932	539		
Ferryboat	0	139		
Taxicab	444	442	11,205	1,837
Motorcycle	239	303		
Bicycle	9,688	1,722		
Other means	834	387		
Walked	14,847	1,885	14,847	1,885
Worked at home	11,288	1,737	11,288	1,737

Source: U.S. Census Bureau, 2012 American Community Survey
Population: 392,871 (+/- 48)

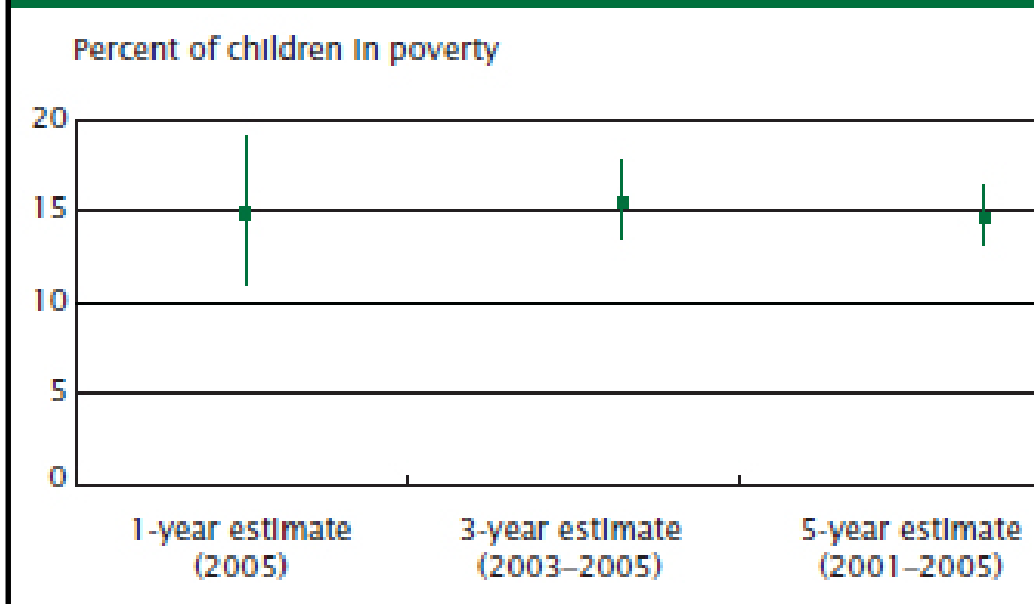
How to think about Period Estimates

What year is the
data?
Period Estimate



Reliability/Currency

Figure 5. Child Poverty Rate in Rockland County, New York, Selected Year



What data is more reliable?

Which is more current?

San Franciscans who Drove to Work Alone

797,271	Percent	MOE
ACS1	38.9	1.5
ACS3	38.3	0.8
ACS5	38.9	0.6

Berwynites who Drove to Work Alone

50,053	Percent	MOE
ACS3	69.9	3.7
ACS5	70.8	2.7

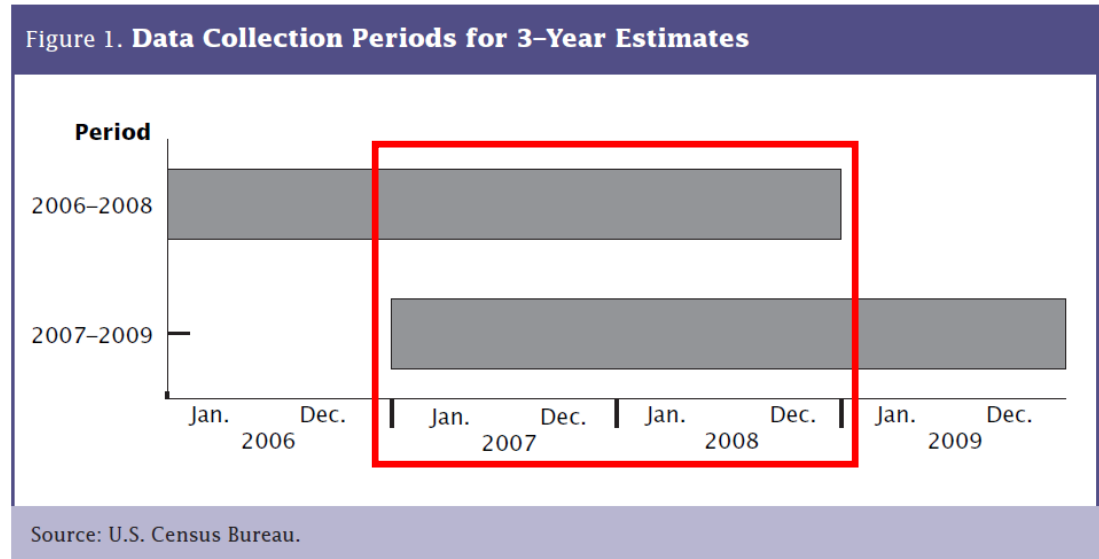
Wasilans who Drove to Work Alone

9,616	Percent	MOE
ACS5	67.4	5.2

Source: 2009 ACS products

About Trend Analysis

Trend analysis (overlapping syndrome)



If you are doing trend analysis with multi-year estimates you can not compare successive period estimates due to the overlapping middle years.

Also, you can not compare a 3-year estimate with a 5-year estimate

Applications of CTPP Data Products

- **Long Range Planning/TIP**
- **Performance measurement**
- **Modal share analysis**
- **FTA New Starts/Small Starts**
- **Travel Demand Modeling and Forecasting**
- **Policy Impact Analysis**
- **Livability analysis**
- **Corridor planning**
- **Air quality modeling**
- **Trend analysis**
- **Descriptive statistics**
- **Title VI**
- **Environmental justice**
- **Factoring/Adjusting surveys**

MAIN MENU

[Repeat Intro](#) | [Reset History](#)



Census Transportation Planning Products (CTPP) Training

- THE AMERICAN COMMUNITY SURVEY (ACS)
- CTPP DATA TABULATIONS BASED ON ACS
- GEOGRAPHY IN CTPP
- CHANGES IN CTPP: CENSUS LONG FORM VS. ACS
- UNDERSTANDING MARGIN OF ERROR
- DISCLOSURE PROOFING
- CTPP APPLICATIONS

Next Program

- Going for Solicitation in FY 19
 - ahemJuly2018cough
- 2020 – 2024 Program
- \$5,671,000
 - Data – \$2.1M
 - Training and Outreach – \$1.3M
 - Research – \$1M
 - Board and Staffing – \$1.25M

Mechanics of the Solicitation

- Each state receives
 - Descriptive materials
 - Opt in form
 - Invoice (17.2¢ per person for five years)
- Emphasis on
 - Funding Flexibility (SPR match waived historically approved, payment plans accepted)
 - Economy of scale
 - Ability of program to assist in federal mandated tasks

The Future

- 's so bright _____
 - » Timbuk 3
- _____ Is the Passport to the Future
 - » Malcolm X
- Alvin Toffler describes it as too much change in too short a period of time
- _____ the _____ if you would divine the future
 - » Confucius

Next CTPP Data Product

Five year Tables (2012 to 2016)

Same Structure as 2006 to '10 CTPP

Same Software with Enhancements

No TAZ changes

Available by March 2019 (fingers crossed)

Some Table Changes (adds and subtractions)

Next CTPP Data Product (Looking Closer)

Census Bureau Directives

Reduce table request by 66% as compared to '06 to '10 product

Limit the number of tables at small geography (TAZs and Tracks)

Still requires Disclosure Review Board (DRB) approval and perturbation of tables

Previous DRB rules also apply



What We Did

Convened a Users' Subcommittee (early 2015)

Reviewed every table (multiple times)

Solicited community input

Surveyed users

Discussed and debated

Developed proposal

Shipped to Census Bureau (May 2016)

...Awaiting Final Verdict

Tables will be produced at “All Geographies” and “Large Geographies Only”

- “Large Geographies” tables will include:
 - » Nation
 - » State
 - » County
 - » Metropolitan Statistical Area (MSA)
 - » Principal City
 - » Place
 - » Public Use Microdata Area (PUMA)
 - » Municipal Civil Division (MCD, for 12 strong MCD states)
 - » Traffic Analysis District (TAD)

- Tables produced for “All Geographies” will also include data produced at:
 - » Census Tract
 - » Traffic Analysis Zone (TAZ)
- Some tables will still include “perturbated data” (“B Tables”):
 - Most Flow Tables
 - Means of Transportation
 - Aggregate HH Income, Carpools Tables

- 176 Tables will be deleted from the new tabulation.
- 8 new tables will be tabulated:
 - Part 1, Place of Residence Tables:
 - Mean Number of Persons per Household
 - Poverty Status (4) by Means of Transportation (11)
 - Part 2, Workplace Tables:
 - Poverty Status (4) by Means of Transportation (11)
 - Class of Worker (9) by Industry (15)
 - Class of Worker (9) by Time Arriving (17)
 - Class of Worker (9) by Mean Travel Time (1)
 - Class of Worker (9) by Means of Transportation (7)
 - Part 3, Home to Work Flow Tables:
 - Vehicles Available in Household (5) by Number of Workers in Household (6) (“Vehicle Sufficiency”)

- Some tables will not be requested from the Census Bureau but will be created in the access software (for example, “collapsed” tables.
- Comparison to 2006 – 2010 Tabulation:

	Number of 2006-2010 CTPP Tables	Number of Tables Deleted	Number of Tables Retained at Large Geography Only	Number of All Geography Tables Retained	Number of Tables Proposed for 2012 - 2016
Overall	344	176	76	99	168
Part 1	187	85	48	56	102
Part 2	116	73	17	30	43
Part 3	41	18	11	13	23

Final criteria for table elimination were developed:

- Tables that have been accessed 150 times or fewer by 11/6/2015.
- Tables that had 5 or more recommendations for elimination by committee members.

Tables that were not slated for elimination but that had two or fewer recommendations to retain “All Geographies” were proposed as “Large Geographies Only.”

What Does this Mean

Items Removed

All collapsed Tables

A few “never” used tables

A Handful of tables that will be created by our software

All tables for Urbanized Areas

Also: all crosstabs with means of transportation will use 11 modes

Total
Drove alone
2-person carpool
3+ person carpool
Bus/trolley bus
Streetcar, trolley car, subway, elevated
Railroad/ferryboat
Bicycle
Walked
Taxicab, motorcycle, other
Worked at home

The New and Improved Stuff

Added Flows from Places to Counties

Added Several Tables

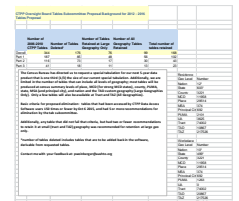
Average HH Size (p1)

Poverty by Mode (p1, p2)

Class of Worker by [Industry, Time Arriving, Mean TT, Mode] (p2)

Vehicles available by Number of Workers in HH (p3)

For the complete table request look under the 'resources' directory (folder) on the CD for the 12-16 Table Proposal 05 0602016.xlsx file



The image shows a small thumbnail of an Excel spreadsheet. The spreadsheet has a grid of cells with some text and numbers. The text is too small to read clearly, but it appears to be a table with several columns and rows. The spreadsheet is titled 'Table Proposal 05 0602016.xlsx'.

- The tabulation proposal was approved by the full CTPP Oversight Board on May 10, 2016
- The proposal was submitted to the Census Bureau for tabulation
- The Census Disclosure Review Board (DRB) approved the tabulation (August, 2016)
- Data access software with the new 2012 – 2016 CTPP tabulation will be available in early 2019

CTPP List Serve

Census Data for Transportation Planning

TRB Subcommittee on Census Data for Transportation Planning, ABJ30(1)

Encouraging Research and Innovation in Transportation Since 1920



TRB
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Site Navigation

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[TRB Publications](#)

[TAZUP / WORKUP](#)

Welcome to our web site. We hope you find this site fun, informative and above all useful. We are organized under the [Committee on Urban Transportation Data and Information Systems](#) of the Transportation Research Board. We are very interested in census data matters as they relate to transportation planning. As a result, our focus spans the entire spectrum of census related activities including applied uses of the data, the content of censuses, collection procedures and dissemination programs all within the context of past, present and future censuses. This site was developed to help provide a forum for those with an interest in transportation planning and census data.

What's New

- [Most recent CTPP Newsletter \(PDF only\)](#) [01-May-2013]
- [Presentations from 2013 Annual Meeting](#) [27-January-2013]

<http://trbcensus.com>

“Status Report” newsletter

Census Transportation Planning Products (CTPP)
<ul style="list-style-type: none">• Data Products• Training• Articles• CTPP Status Report• FAQ• Contacts• Related Links• Archives
Environmental Justice
Longitudinal Employment and Household Dynamics (LEHD)
Census Urbanized Areas and MPO/TMA Designation
Standard Decennial Census Products
Archives
Contacts
For more information.

CTPP Status Report

The "Status Report" is a newsletter developed by the CTPP Planning Group, friends and anyone else wishing to write about the Census Transportation Planning Products, its use or any other census data for transportation planning issues. Its purpose is to inform the transportation planning community on matters relating to the developments of the CTPP and other census data issues of relevance to their needs.

PDF files can be viewed with the [Acrobat® Reader®](#)


[Index of Articles in the Previous Status Reports](#)

- Current (April 2015) in [HTML](#) or [PDF](#) (427 KB)
- December 2014 in [HTML](#) or [PDF](#) (857 KB)
- September 2014 in [HTML](#) or [PDF](#) (280 KB)
- May 2014 in [HTML](#) or [PDF](#) (454 KB)
- December 2013 in [HTML](#) or [PDF](#) (2 MB)
- October 2013 in [HTML](#) or [PDF](#) (159 KB)
- May 2013 in [HTML](#) or [PDF](#) (202 KB)
- January 2013 in [HTML](#) or [PDF](#) (389 KB)
- September 2012 in [HTML](#) or [PDF](#) (137 KB)
- May 2012 in [HTML](#) or [PDF](#) (951 KB)
- January 2012 in [HTML](#) or [PDF](#) (375 KB)

http://www.fhwa.dot.gov/planning/census_issues/ctpp/status_report/

<http://www.trbcensus.com/newsletters.html>

FHWA website



Census Transportation Planning Products

American Community Survey

Census Transportation Planning Products (CTPP)

- Data Products
- Training
- Articles
- CTPP Status Report
- FAQ
- Contacts
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- Archives

Environmental Justice

Longitudinal Employment and Household Dynamics (LEHD)

Census Urbanized

FHWA → Planning → Census Issues → CTPP → Data Products

Census Transportation Planning Products (CTPP) 5-Year ACS 2006-2010

Excel files can be viewed with the [Excel Viewer](#)

- [MS Excel 110 KB](#)
- [Read Me File](#)
- [Tabulations -- Part 1, Residence-Based Tables](#)
- [Tabulations -- Part 2, Workplace-Based Tables](#)
- [Tabulations -- Part 3, Worker Home-to-Work Flow Tables](#)
- [GEOGRAPHY Summary Levels and Geo-Components Definitions](#)
- [Universe Definitions](#)
- [Variable Recode Definitions](#)

http://www.fhwa.dot.gov/planning/census_issues/ctpp/

AASHTO website

The screenshot shows the AASHTO website's home page for the Census Transportation Planning Products (CTPP) program. The header features the AASHTO logo (The Voice of Transportation) and the CTPP logo, which includes a house and a factory with circular arrows. The main title is "Census Transportation Planning Products". A left sidebar lists various resources like the CTPP Oversight Board Roster, 5-Year-Data, and Transportation Profiles. The main content area has a "Home" breadcrumb and a "WELCOME TO THE CENSUS TRANSPORTATION PLANNING PRODUCTS PROGRAM CTPP" heading. Below this is a Facebook link and a paragraph explaining that census data on demographics and travel flows are used for transportation planning. A list of links follows, including "5-year Info", "2006 - 2010 Transportation Profiles", and "CTPP e-Learning Modules".

AASHTO
THE VOICE OF TRANSPORTATION

CTPP

Census Transportation Planning Products

CTPP

- CTPP Oversight Board Roster
- 5-Year-Data
- 5-Year-Info
- Commuting in America
- Transportation Profiles ▶
- 2005 TRB Conference Census Data
- Training Resources ▶
- E-Learning Modules
- Transportation Analysis Zones (TAZ) ▶
- CTPP Oversight Board ▶
- CTPP Board Subcommittee Business

Home

AASHTO > CTPP > Home

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WELCOME TO THE CENSUS TRANSPORTATION PLANNING PRODUCTS PROGRAM CTPP

Find us on Facebook

Census data on demographic characteristics, home and work locations and journey to work travel flows are key inputs to a variety of state, regional and local transportation policy and planning efforts. They also support corridor and project studies, environmental analyses and emergency operations management.

In 1990, 2000, and again in 2006, AASHTO partnered with all of the states on pooled fund projects to support the development of special census products and data tabulations for transportation. These census transportation data packages have proved invaluable in understanding characteristics about where people live and work, their journey to work commuting patterns and the modes they use for getting to work.

- [5-year Info](#)
- [2006 - 2010 Transportation Profiles](#)
- [CTPP e-Learning Modules](#)
- [TAZ Delineation Webinar](#) from February 25, 2011
- [CTPP 3-Year Data Based On 2006 - 2008 ACS](#)
- [CTPP Mid Program Report](#)
- [Transportation Profiles](#)
- [TAZ FAQs and other TAZ Information](#)
- [2005 TRB Conference Census Data for Transportation Planning](#)
- [CTPP2000 Training Materials](#)
- [Census Transportation Planning Products \(CTPP\) from the American Community Survey - FHWA Transportation](#)

<http://ctpp.transportation.org/>

Training Materials

AASHTO CTPP Website

<http://ctpp.transportation.org/Pages/trainingresources.aspx>

E-Learning

<http://ctpp.transportation.org/Pages/elearningmodules.aspx>

Recorded Webinars

<http://ctpp.transportation.org/Pages/webinardirectory.aspx>

CTPP websites



http://www.fhwa.dot.gov/planning/census_issues/ctpp/

<http://www.TRBcensus.com>

<http://ctpp.transportation.org>