Getting to Know ~~CTPP~~ ACTS

AASHTO Census Transportation Solutions

Designed by the transportation community to help with your planning needs

TEMPO Executive Directors Fall Meeting

Fall 2023

ACTS Presentation

What is the ~~CTPP~~ ACTS?

AASHTO Census Transportation Solutions Program

AASHTO sponsored Technical Services Program funded by member State Transportation agencies

Operates with cooperation from FHWA, OST-R (BTS), FTA, Census Bureau, MPOs and TRB

The ACTS Program includes:

- Census Transportation Planning Products Data Products
- Training and Technical Assistance
- Research and Outreach

Guided by an AASHTO Oversight Board

States
(Region I)
(Region I)
Thomas Hill, FL (Region II)
Habte Kassa, GA (Region II)
Sam Granato, OH (Region III)
Delwar Murshed, WA (Region IV)
Tammye Fontenot, TX (Region IV)
Denise Whitney Dahlke, OR (Region IV)

MPO/RPO/TPO/Transit
Arash Mirzaei, NCTCOG
Catherine Tulley, SPC
MaryAnn Waldinger, COMPASS
Laurent Ahiablame, CMAP
Rea Donna Jones, Texarkana MPO
Petya Maneva, MAG
Somayeh Moazzeni, DART
Jonathan Lupton, Metroplan

Chair: Samantha Biddle, MD (Region I)
Vice Chair: Guy Rousseau, ARC
AASHTO Liaison: Penelope Weinberger

18 voting members, 9 states and 8 MPOs 2 transit

Liaisons
Charlynn Burd, Census Bureau
Thomas Marchwinski, FTA
Joseph Hausman, FHWA
Brian McKenzie, Census Bureau
Clara Reschovsky, OST-R, BTS

Association Adjuncts
AMPO NARC NADO

AASHTO Staff
Penelope Weinberger
Kyla Elzinga

Subject Matter Experts

Technical Adjuncts

Big Changes

New program name and logo

- ACTS

New CTPP software

- Winter 2023/2024 – with API

New data

- 2024 – based on 2017 – 2021 ACS

New five-year program – 2025 – 2029

2025–2029 ACTS Program

Proposed Funding by State by Population (at 2.7¢)

State	2022 Population Estimate*	ACTS Five Year Fund Commitment	State	2022 Population Estimate*	ACTS Five Year Fund Commitment
Alabama	5,074,296	$ 135,488.26	Montana	1,122,867	$ 29,981.56
Alaska	733,583	$ 19,587.33	Nebraska	1,967,923	$ 52,545.31
Arizona	7,359,197	$ 196,497.17	Nevada	3,177,772	$ 84,849.37
Arkansas	3,045,637	$ 81,321.24	New Hampshire	1,395,231	$ 37,253.92
California	39,029,342	$ 1,042,118.50	New Jersey	9,261,699	$ 247,295.69
Colorado	5,839,926	$ 155,931.27	New Mexico	2,113,344	$ 56,428.18
Connecticut	3,626,205	$ 96,822.93	New York	19,677,151	$ 525,397.61
Delaware	1,018,396	$ 27,192.09	North Carolina	10,698,973	$ 285,672.19
District of Columbia	671,803	$ 17,937.74	North Dakota	779,261	$ 20,806.97
Florida	22,244,823	$ 593,956.76	Ohio	11,756,058	$ 313,897.31
Georgia	10,912,876	$ 291,383.59	Oklahoma	4,019,800	$ 107,332.27
Hawaii	1,440,196	$ 38,454.53	Oregon	4,240,137	$ 113,215.47
Idaho	1,939,033	$ 51,773.92	Pennsylvania	12,972,008	$ 346,364.27
Illinois	12,582,032	$ 335,951.56	Puerto Rico	3,221,789	$ 86,024.66

Indiana	6,833,037	$ 182,448.23	Rhode Island	1,093,734	$ 29,203.68
Iowa	3,200,517	$ 85,456.68	South Carolina	5,282,634	$ 141,051.07
Kansas	2,937,150	$ 78,424.54	South Dakota	909,824	$ 24,293.12
Kentucky	4,512,310	$ 120,482.73	Tennessee	7,051,339	$ 188,277.09
Louisiana	4,590,241	$ 122,563.56	Texas	30,029,572	$ 801,816.55
Maine	1,385,340	$ 36,989.82	Utah	3,380,800	$ 90,270.40
Maryland	6,164,660	$ 164,601.96	Vermont	647,064	$ 17,277.19
Massachusetts	6,981,974	$ 186,424.98	Virginia	8,683,619	$ 231,860.43
Michigan	10,034,113	$ 267,919.83	Washington	7,785,786	$ 207,887.48
Minnesota	5,717,184	$ 152,653.95	West Virginia	1,775,156	$ 47,398.26
Mississippi	2,940,057	$ 78,502.16	Wisconsin	5,892,539	$ 157,336.09
Missouri	6,177,957	$ 164,957.00	Wyoming	581,381	$ 15,523.40

Total: $ 8,985,101.90

*Annual Estimates of the Resident Population for the United States, Regions, States, District of Columbia, and Puerto Rico: April 1, 2020 to July 1, 2022. U.S. Census Bureau, Population Division.

Products

Data

- Census Data purchased from Census Bureau (ACS)
  - Current data set is 2012-2016
  - Next data set (2017-2021): anticipated release in 2024

Training

- eLearning
- Live training

Research

- Commuting in America
- Census Data Field Guide
- Long Term Covid-19 Impacts on Travel Behavior

CTPP Data:

What we get that we cannot get from ACS

1. Crosstabs relevant to transportation planners
2. Workplace based data at small geographies
3. Flows from home to work

Training/Technical Assistance

Research - Commuting In America Briefs

The Role of Commuting in Overall Travel

Population and Worker Trends

Population and Worker Dynamics

The Nature and Pattern of Jobs

Job Dynamics

Vehicle and Transit Availability

Consumer Spending on Transportation

How Commuting Influences Travel

Commuting Mode Choice

Commuting Departure Time and Trip Time

Auto Commuting

Transit Commuting

Bicycling and Walk Commuting

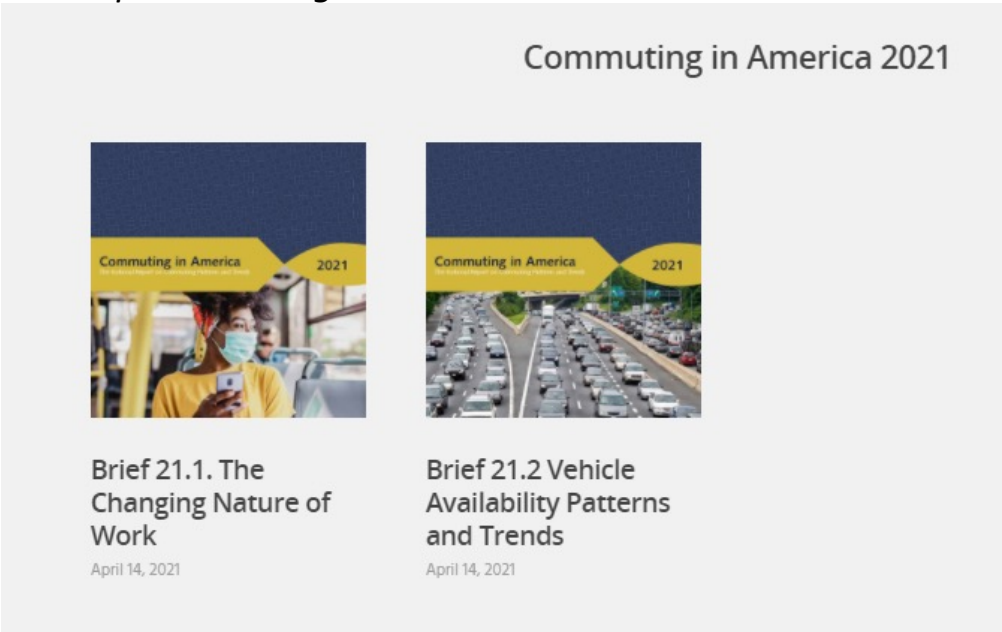
Commuting Flow Patterns

The Evolving Role of Commuting

A minute for Commuting in America

Commuting in America series

Traveltrends.transportation.org



Imminent CIA Briefs

The Evolution of US Households

- The number of people, drivers, households, vehicles, and workers have all increased substantially since 1995.
- In the same time period the amount of travel--measured in person trips, vehicle trips, and household-generated vehicle miles of travel--did not increase or declined slightly.
- On a per-household basis, travel rates have declined about 15 percent since 1995.

Methods of Measurement and Reporting of Emerging Modes of Travel

- MaaS
- Micromobility
- Telemobility

Imminent CIA Briefs

Understanding Geographic and Demographic Variation in Mode Choice and Travel Behavior

Machine learning approaches to classify commuting behavior using individual- and neighborhood-level socio-demographic, geographic, and health factors

Upcoming CIA Briefs

Rural Commute Patterns

Approaches to Examining Equity in Commuting

Census Data Field Guide

The objective of this research is to develop a field guide for the transportation community on how to best use Census data, including the ACS, CTPP, LODES Employment-Household Dynamics (LEHD), and PUMS/PUMA, to address transportation issues.

The field guide is expected to play a critical role in enabling users at all levels to learn about and apply census data and its derivatives—efficiently, empirically, and economically.

Long Term Impacts of COVID 19 on Travel Behavior

Long term impacts of COVID 19 on travel behavior research objectives:

- Gather information about what data sources transportation planners have used and are using to track changes in travel before and during the Pandemic;
- Determine what the data gaps and insufficiencies may be; and
- Identify future data and analysis needs for advancing transportation planning efforts as the Pandemic wanes.

What is CTPP data? Why use it?

CTPP Data Products

Derived from US Census Bureau's American Community Survey (ACS)

CTPP Program includes:
- Data Products
- Training and Technical Assistance
- Research and Outreach

ACS accumulates data over multiple months and years

Areas over 65,000 people **Annual Data**
Areas over 20,000 people **Supplemental Estimates** *new in 2016*
Tracts and Block Groups **5 Years of data**

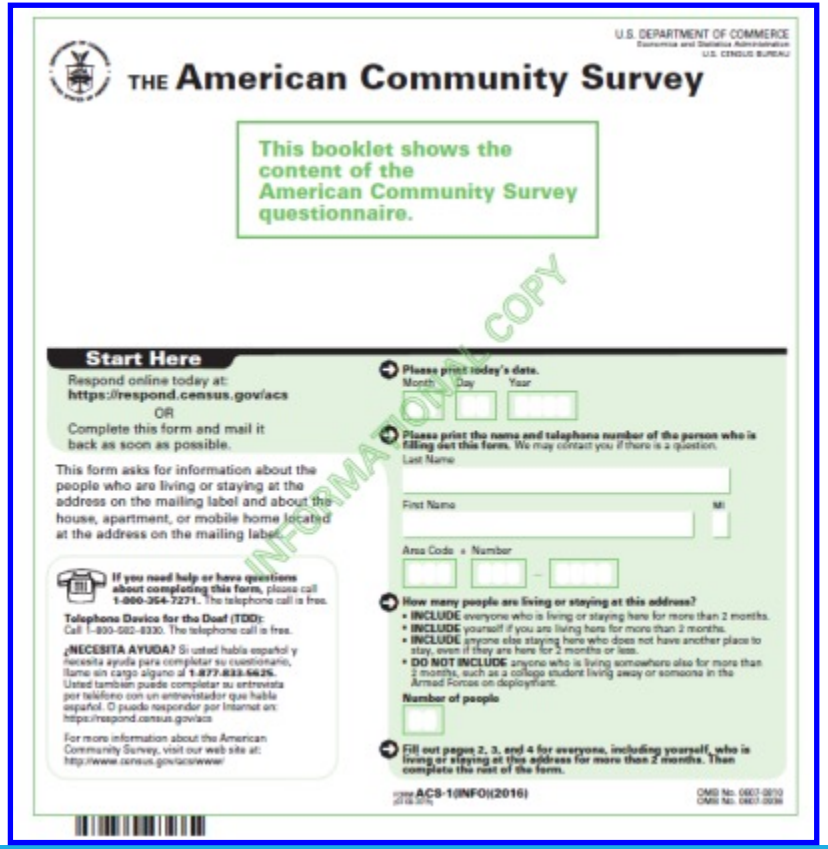
What to Use When

Looking at trends between and within areas

- 5-year ACS
- 1-year ACS
- Supplemental
- CTPP 5-year

	MPO	Chicago	Berwyn	Lyons
MPO 8,577,735	5 Yr 1 Yr Sup CTPP	5 Yr 1 Yr Sup CTPP	5 Yr Sup CTPP	5 Yr CTPP
Chicago 2,746,388	5 Yr 1 Yr Sup CTPP	5 Yr 1 Yr Sup CTPP	5 Yr Sup CTPP	5 Yr CTPP
Berwyn 57,250	5 Yr Sup CTPP	5 Yr Sup CTPP	5 Yr Sup CTPP	5 Yr CTPP
Lyons 10,817	5 Yr CTPP	5 Yr CTPP	5 Yr CTPP	5 Yr CTPP

Collecting the CTPP data



U.S. DEPARTMENT OF COMMERCE
Economics and Statistics Administration
U.S. CENSUS BUREAU

THE American Community Survey

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

INFORMATIONAL COPY

Start Here

Respond online today at:
https://respond.census.gov/acs
OR
Complete this form and mail it back as soon as possible.

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 **1-800-354-7271.** The telephone call is free.

Telephone Device for the Deaf (TDD):
Call 1-800-582-8330. The telephone call is free.

¿NECESITA AYUDA? Si usted habla español y necesita ayuda para completar su cuestionario, llame sin cargo alguno al **1-877-833-6625.** Usted también puede completar su entrevista por teléfono con un entrevistador que habla español. O puede responder por Internet en: https://respond.census.gov/acs

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

Please print today's date.
Month Day Year

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

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 are here 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

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-1(INFO)(2016)

OMB No. 0607-0810
OMB No. 0607-0936

American Community Survey (1 of 2)

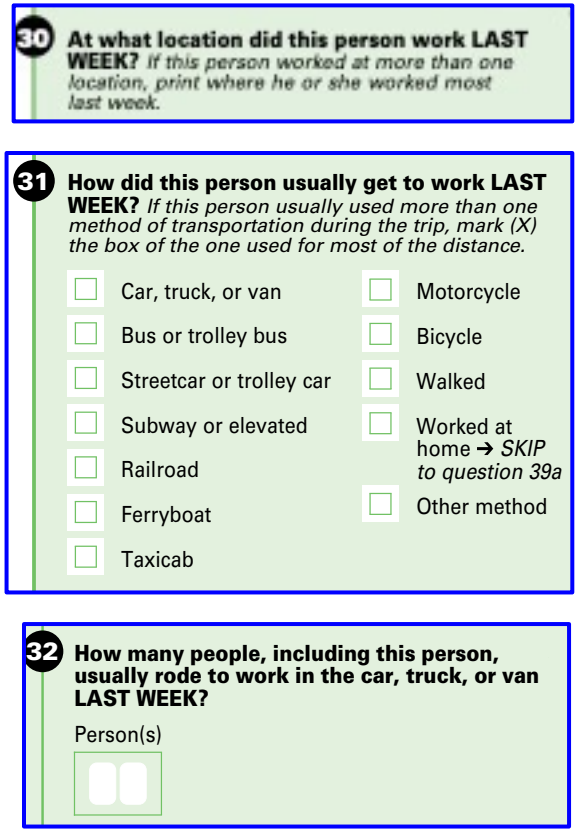
Respondent Perspective

- On a scale of 0 to 10, how much work is it to complete the ACS form? Why do you say that?
- How long did it take to complete the ACS?
- Which questions were confusing or difficult to answer?

Data User Perspective

- Which questions are likely to be most useful for you?
- Which questions could be eliminated?

American Community Survey (2 of 2)



30 **At what location did this person work LAST WEEK?** *If this person worked at more than one location, print where he or she worked most last week.*

31 **How did this person usually get to work LAST WEEK?** *If this person usually used more than one method of transportation during the trip, mark (X) the box of the one used for most of the distance.*

- ☐ Car, truck, or van
- ☐ Bus or trolley bus
- ☐ Streetcar or trolley car
- ☐ Subway or elevated
- ☐ Railroad
- ☐ Ferryboat
- ☐ Taxicab
- ☐ Motorcycle
- ☐ Bicycle
- ☐ Walked
- ☐ Worked at home → *SKIP to question 39a*
- ☐ Other method

32 **How many people, including this person, usually rode to work in the car, truck, or van LAST WEEK?**

Person(s)

How would you answer Q31 & Q32? If…

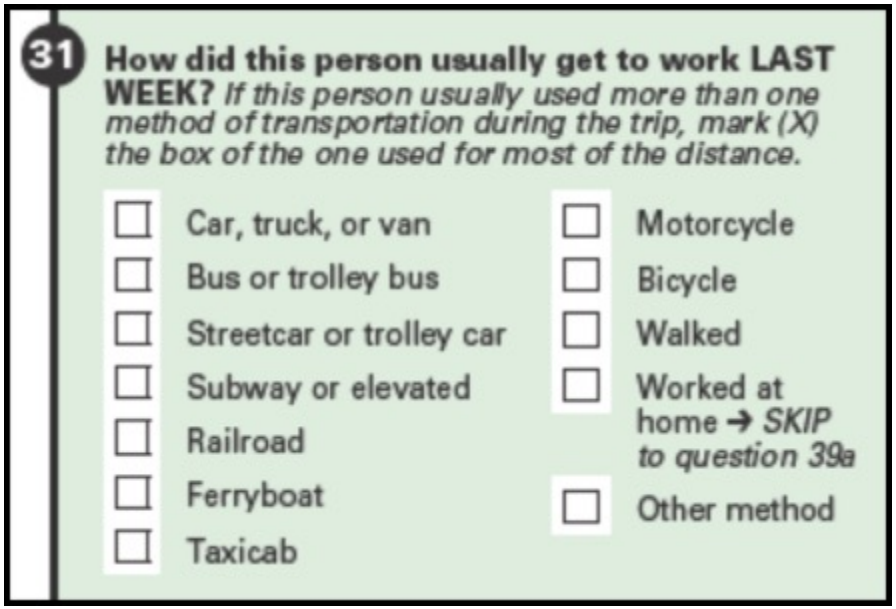
You drove your spouse to their work (2 miles from your home) and then continued on to where you work (10 miles from your home)?

You usually drive to work alone but last week you were traveling on a business trip and rode a shuttle bus from your hotel to a conference center each day?

You were on vacation last week?

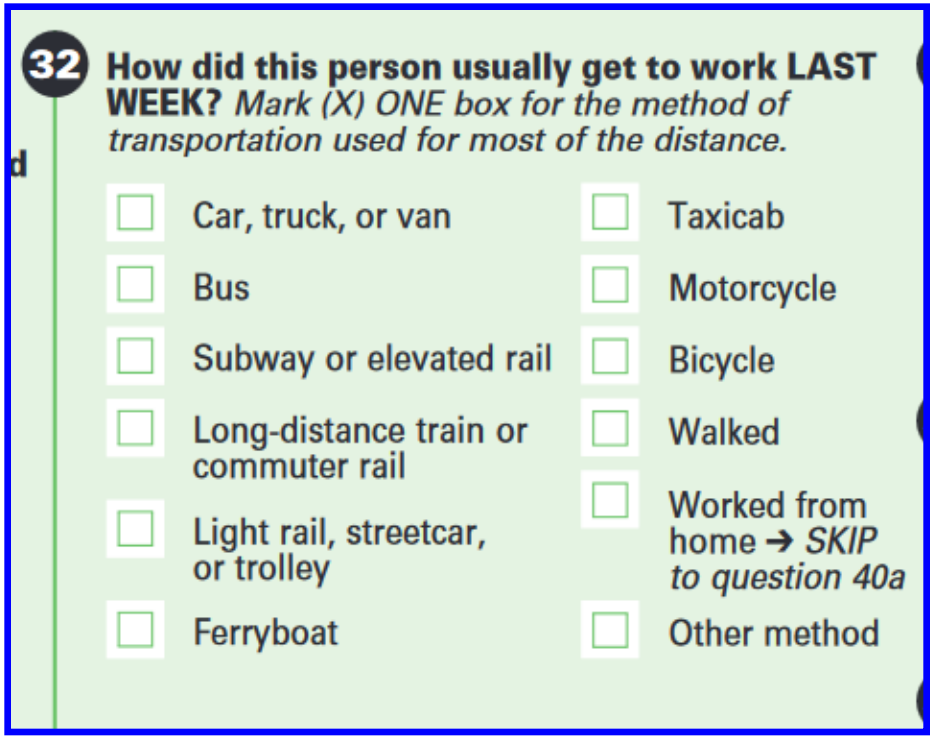
You walked to work on Monday, worked at home Tuesday, Wednesday, and Thursday, and drove your car to work on Friday?

Old & New (beginning 2019) MOT Questions



31 **How did this person usually get to work LAST WEEK?** *If this person usually used more than one method of transportation during the trip, mark (X) the box of the one used for most of the distance.*

- ☐ Car, truck, or van
- ☐ Bus or trolley bus
- ☐ Streetcar or trolley car
- ☐ Subway or elevated
- ☐ Railroad
- ☐ Ferryboat
- ☐ Taxicab
- ☐ Motorcycle
- ☐ Bicycle
- ☐ Walked
- ☐ Worked at home → *SKIP to question 39a*
- ☐ Other method



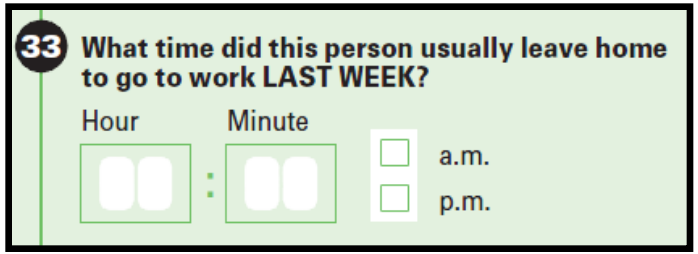
32 **How did this person usually get to work LAST WEEK?** *Mark (X) ONE box for the method of transportation used for most of the distance.*

- ☐ Car, truck, or van
- ☐ Bus
- ☐ Subway or elevated rail
- ☐ Long-distance train or commuter rail
- ☐ Light rail, streetcar, or trolley
- ☐ Ferryboat
- ☐ Taxicab
- ☐ Motorcycle
- ☐ Bicycle
- ☐ Walked
- ☐ Worked from home → *SKIP to question 40a*
- ☐ Other method

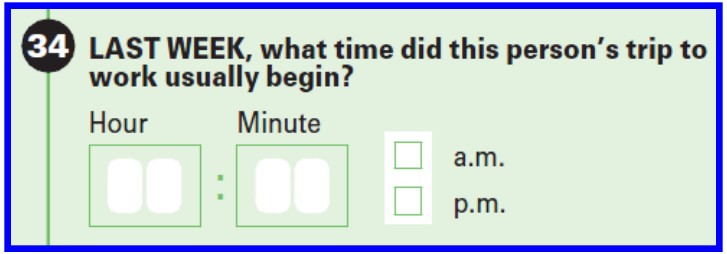
Mode = Means of Transportation (MOT) in census speak

https://www.census.gov/programs-surveys/acs/methodology/questionnaire-archive.html

Question Changes and Content Tests



2005-2019



2019

Content Test 2021, Changes 2024

- Taxi, limo, or ride hailing services
- Taxi, ride hailing services

https://www.census.gov/programs-surveys/acs/methodology/content-test.html

Weighting the ACS

Weighted by

Age, Sex, Race, Hispanic Origin

Controlled by

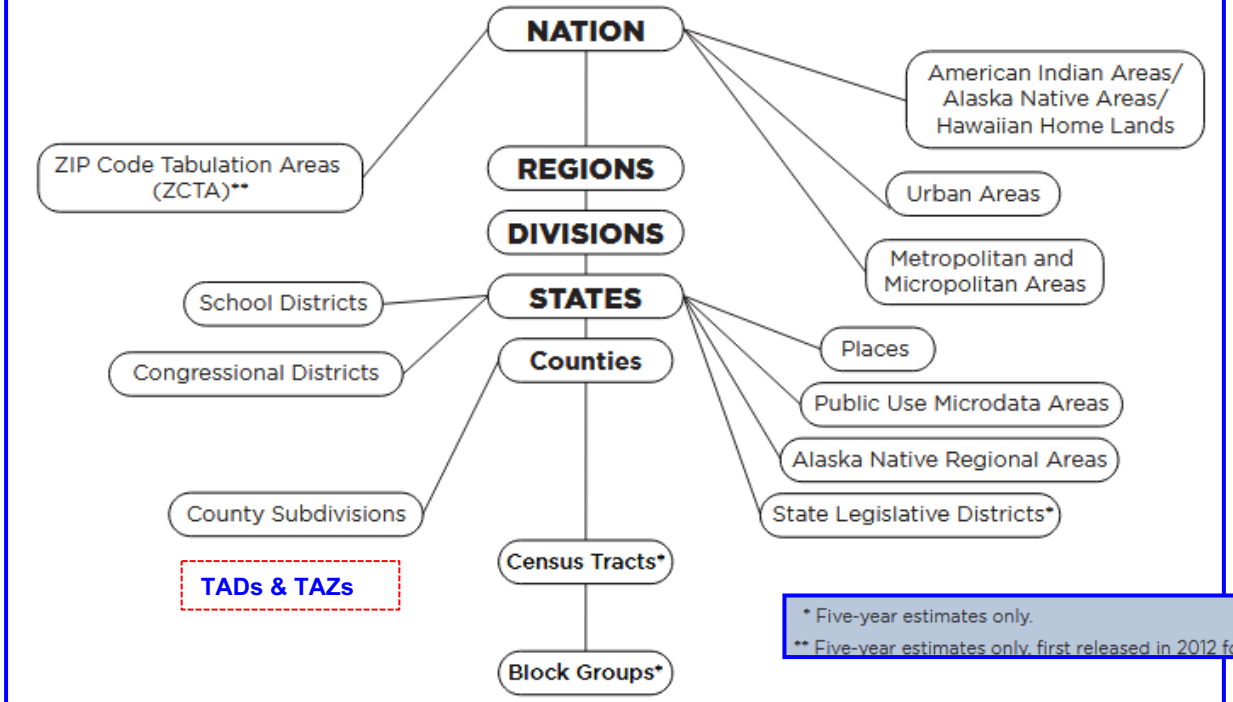
Official Population,
Housing Units

at County level, and since 2009, Incorporated Places

Statistical areas (Tracts, TAZs, TADs) have no control totals for pop and HU estimates

ACS and CTPP Data Geography

Figure 2.1. **Hierarchy of Select Geographic Entities in the ACS**



https://census.gov/programs-surveys/acs/guidance/handbooks.html

CTPP Data is Produced for

Origins and Destinations

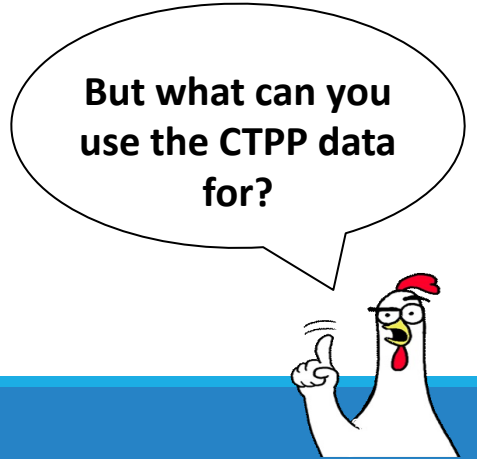
- **Place of Residence**
- **Place of Work**
- **Flows from Home to Work**

Custom Areas (Local TAZs and TADS)

Unique Universes (e.g. workers in HHs)

Some Key CTPP Data Items Include

- Data on **Households**
  - Size, income, vehicles per household
- Data on **Workers**
  - Age and sex, 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



Applications of CTPP Data

- Performance Measurement
- Modal Share Analysis
- Equity Analysis
- FTA New Starts/Small Starts
- Travel Demand Modeling
- Policy Impact Analysis
- Livability Analysis
- Corridor Planning
- Air Quality Modeling
- Trend Analysis
- Descriptive Statistics
- Travel Forecasting
- Title VI
- Factoring/Adjusting Surveys
- Data Validation

CTPP 2012 to 2016 Data Product

Derived from ACS Data

Available On-line

Released 4/2019

Includes 12 Tabulation Areas or Geographies

Product Structure

3-Parts

Part 1- Residence

Part 2- Workplace

Part 3- Flows between Home and Work

On-Line Data Retrieval

Extraction Software

Raw Data Download

CTPP Geography

Residence (Part1) & Workplace (Part2) Summary Areas

Nation
State
County
MCD
Place
PUMA/POW PUMA
MSA
MSA Principal City
Tract
TAD
TAZ

- Includes PR except for Nation, TAD and TAZ
- Workplace counties include MEX., CAN., and Other outside US
- States/MPOs defined TADs and TAZs
- PUMAs and POW PUMAs
- MCD Only States:

CT	ME	MA
MI	MN	NH
NJ	NY	PA
RI	VT	WI

CTPP Data Product Highlights

Some Key Features

Crosstabs with Mode
- -- Workers in HHs
- --Travel Time (Mean and Median)
- -- Household Income (Median)
- -- Vehicle Availability
- -- Age
- -- Time Leaving Home
- -- Time Arriving at Work
- -- Minority and Poverty Status
- -- Presence of Children
- -- Class of Worker

Special Universes
- -- All Persons
- -- All Workers
- -- Persons in HHs
- -- Workers in HHs
- -- Workers not working at Home

Commuter Flows
- -- Various Attributes
- -- Various Geographies

Other Features
- -- Streamlined Race Tables
- -- HH Lifecycle Tables

Privacy Protected
- -- Tables are Rounded
- -- Disclosure Proofing Applied
- -- Census DRB Approved

Includes Margins of Error
- -- @ 90% Confidence

Place-of-Work Data

Part 2 Worker Count Alert

Using Part 2 Data

If you sum the workers for all the Tracts in any Place or County you'll find that your tracts totals do not match your Place or County levels

Geocoding

Simply put

Census (historically) cannot geocode all of work locations to the Tract, Block Group or Block

What this Looks Like and What to Do

Workers *(Table A202100, CTPP-16)*						
Distribution of states based on worker difference	State Total	Counties Summed		Tracts Summed		
		Total	Diff	Total	Difference	
					Number	Percent
West Virginia	717,985	717,985	0	412,549	-305,436	-43%
Alabama	1,967,290	1,967,300	10	1,395,853	-571,447	-29%
Louisiana	2,011,435	2,011,430	-5	1,436,900	-574,530	-29%
Delaware	433,090	433,095	5	317,820	-115,275	-27%
Tennessee	2,936,385	2,936,385	0	2,250,425	-685,960	-23%
Utah	1,355,220	1,355,220	0	1,060,405	-294,815	-22%
Kansas	1,417,500	1,417,510	10	1,125,635	-291,875	-21%
Indiana	2,976,720	2,976,740	20	2,401,454	-575,286	-19%
Wisconsin	2,817,380	2,817,375	-5	2,360,144	-457,231	-16%
Connecticut	1,738,610	1,738,610	0	1,492,005	-246,605	-14%
	145,768,970	145,769,040	-70	113,195,887	-32,573,153	-22%

Example: Berwyn, IL

Workers 16 and Over WORKPLACE	Estimate	MOE
Tract 8146, Cook, IL	725	171
Tract 8147, Cook, IL	1,100	266
Tract 8148, Cook, IL	1,445	331
Tract 8149, Cook, IL	460	161
Tract 8150, Cook, IL	375	125
Tract 8151, Cook, IL	535	154
Tract 8152, Cook, IL	910	198
Tract 8153, Cook, IL	395	128
Tract 8154, Cook, IL	3,020	373
Tract 8155, Cook, IL	670	279
Total	9,635	740
Berwyn city, IL	10,815	875

So 1,180 workers (11%) work somewhere in Berwyn but could not be coded to a Berwyn Tract

Ed's TWO-Step fix
1. ID missing workers
2. Allocate them based on best info available

CTPP and Other Data Sources

Data Product	Primary Data Source	Use of ACS	Data Collection	Trips Captured	Timeframe	Privacy Limitations	Cost
CTPP	ACS	Dataset development	Continuous survey	Home-Work Commute	5-year period 2-8 years old	Yes	Free to user State sponsored
LEHD / LODES	States' employment data	For synthesizing residences	Establishment survey and data synthesis	Modeled home + work intersections	1-year period 1-2 years old	Yes	Free
LBS /Cell / GPS (Big Data)	Device location traces	Trip definition algorithms	Data tracking and synthesis	All movements sans traveler details	User specified can be < 1 month old	Yes	Project specific, but expensive
Household Travel Surveys	Small sample of travel diaries	Sample design and expansion	Periodic surveys	All trips with traveler details	Multi-month period 5-10 yr. cycle	Under agency's control	Very expensive

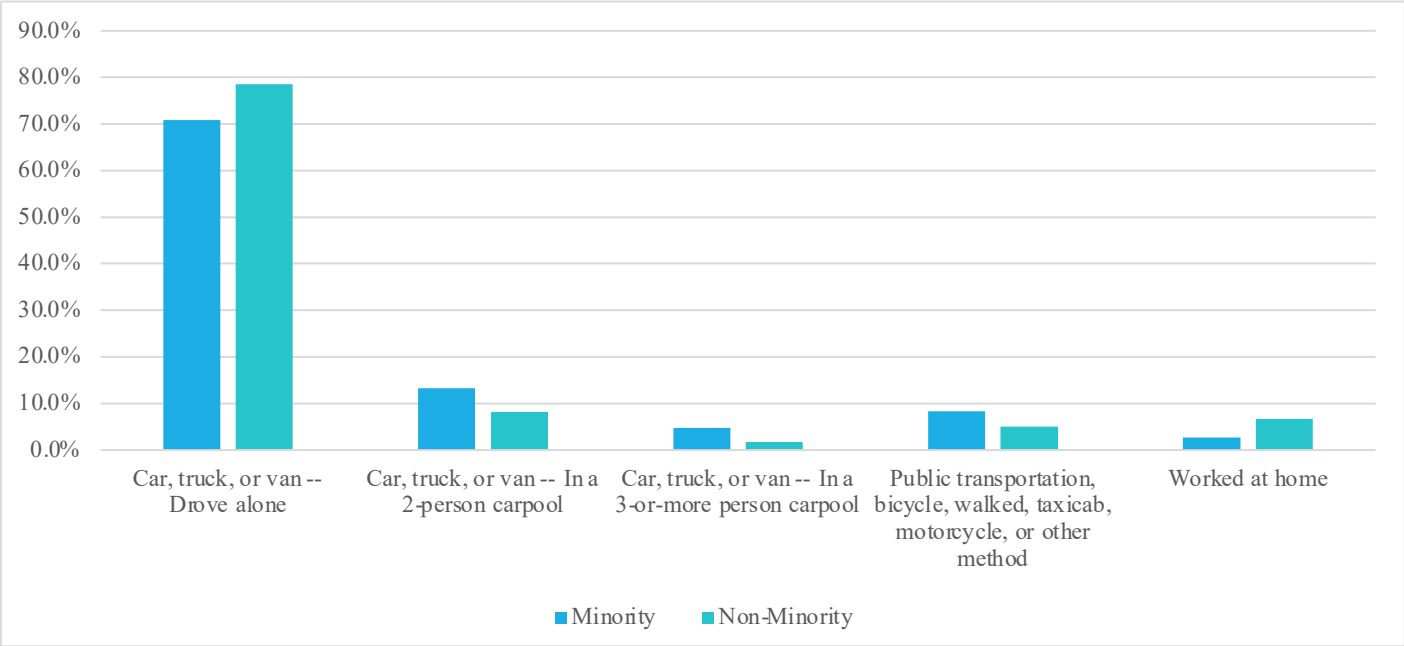
Specific Use Cases

Key Equity Variables in CTPP

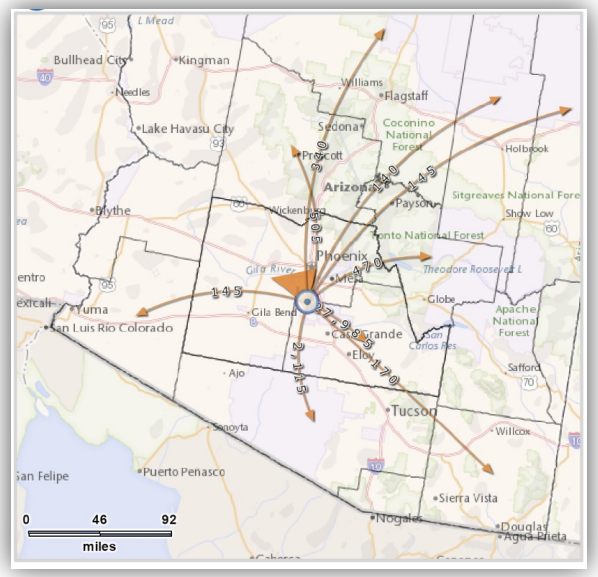
Unique Two-way Crossed-tabulations

- Population in Poverty by Vehicle Availability
- Population in Poverty by Means of Transportation
- Population in Poverty by Time Leaving Home
- Minority Population by Means of Transportation
- And more…

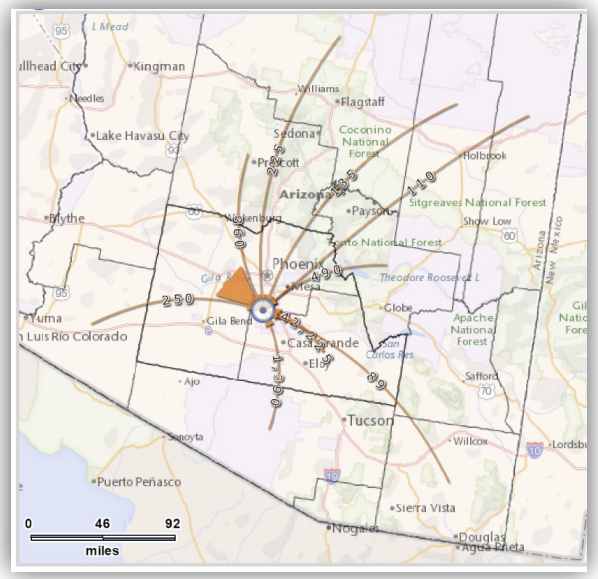
Mode Share by Minority Status – MAG (AZ)



Minority Commute Flows – MAG



Outbound commuting flows for minority communities



Inbound commuting flows for minority communities

CTPP to Understand Impacts of Route Change – New York City Transit

Background

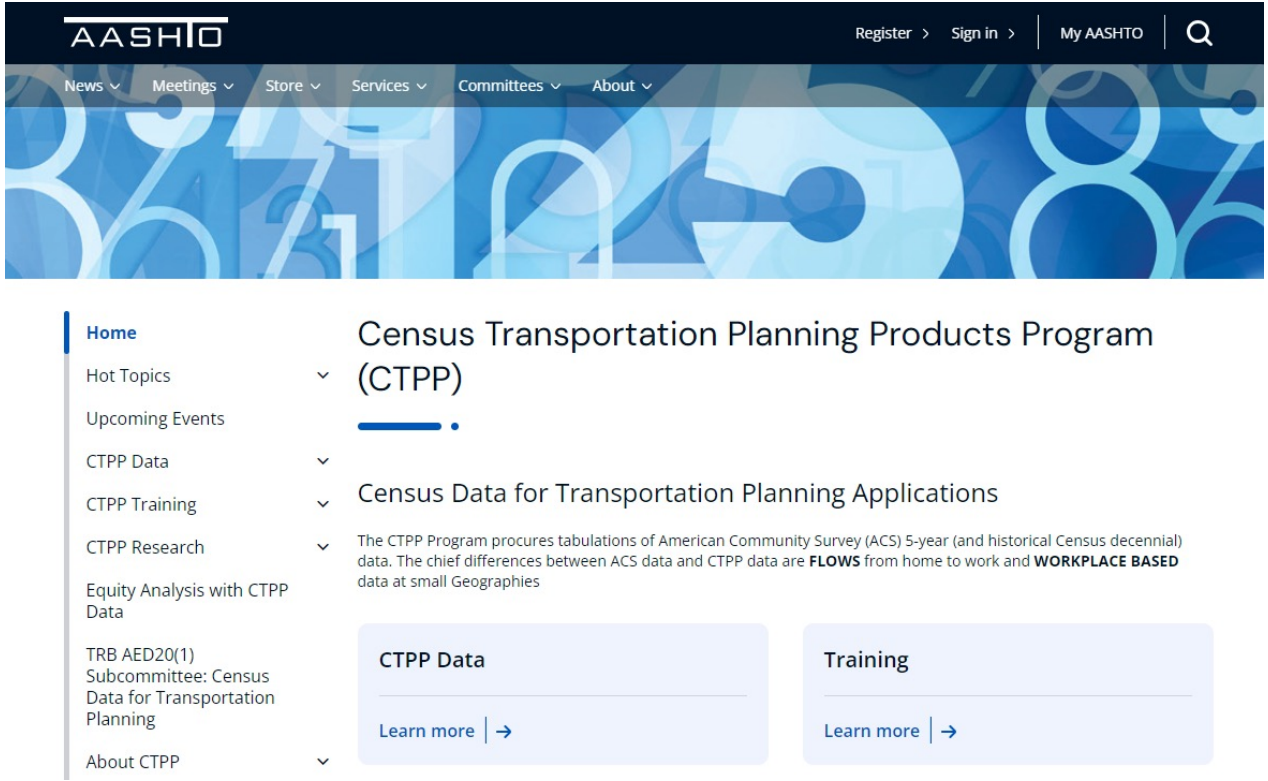
- Proposed change to 25%+ of route length
- Q: Is the change disproportionately borne by low-income and minority ridership?

CTPP Data Used

- JTW flow data for low-income and minority tracts
- Identify the top 3 markets within service areas

Resources

AASHTO CTPP Website



https://transportation.org/ctpp

AASHTO Website – Get the Data Here!!!

2012-2016 5-Year CTPP – Tran | Beyond 20/20 Perspective - Vi

Not Secure | data5.ctpp.transportation.org/ctpp1216/View/dispview.aspx

Paused

File View Help

Census Transportation Planning Products

Welcome (sign in to save) Sign in

Beyond 20/20 PERSPECTIVE

CartoVista

Data set: 2012-2016 (5-year)

Selected Geography: RESIDENCE: (new set) WORKPLACE: All states

View as: Table Chart Map

Show CTPP Tables

A102106 - Means of transportation (18) (Workers 16 years and over)

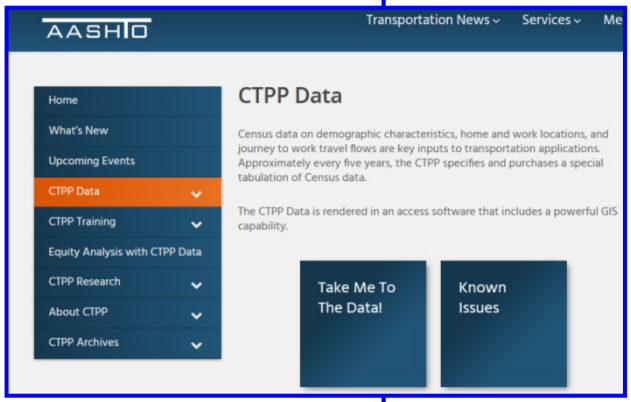
Current date: 11/3/2021 12:23:46 PM (Eastern Daylight Time)

U.S. Census Bureau, American Community Survey 2012-2016 Five-year estimates. Special Tabulation: Census Transportation Planning

Rows 1-18 of 18 Columns 1-2 of 2

Measures - Workers 16 and Over | Drag dimensions here so they do not show as a row or column in table

RESIDENCE	Delaware	
Output	Estimate	Margin of Error
Means of Transportation 1...		
Total, means of transport...	432,425	2,861
Car, truck, or van -- Dro...	351,660	3,207
Car, truck, or van -- In ...	28,560	1,379
Car, truck, or van -- In ...	4,055	531
Car, truck, or van -- In ...	1,290	282
Car, truck, or van -- In ...	895	237
Car, truck, or van -- In ...	665	184
Bus or trolley bus	9,725	746
Streetcar or trolley car	15	21
Subway or elevated	355	125
Railroad	2,275	314
Ferryboat	35	33
Bicycle	1,380	228
Walked	9,170	687
Taxicab	35	43
Motorcycle	390	122
Other method	3,140	
Worked at home	18,775	



https://transportation.org/ctpp

Structured Query

Map Select

Select from the drop-down menus in the below 3-step process to define the parameters for your query. Select "Retrieve Data" run the query and view all relevant data.

1. Select a CTPP Dataset and Focus

2012-2016 (5-year)

Flows (Part 3)

2. Select Topic(s) of Interest

+ Commute and Time
+ Equity
+ Families and Households
+ Income and Poverty
+ Race and Ethnicity
+ Workers and Employment

3. Select a Geography

Select a Summary Level

Retrieve Data

1. Select a CTPP Dataset and Focus

2012-2016 (5-year)

Flows (Part 3)

2. Select To

+ Commute ar
+ Equity
+ Families and
+ Income and
+ Race and Eth
- Workers and
  - ☐ Age
  - + Departure
  - ☐ Industry
  - ☐ Minority St
  - + Mode/Mea
  - ☐ Poverty St
  - ☐ Race
  - ☐ Total Work
  - + Travel Tim
  - + Vehicles
  - + Worked at
  - + Workers in
  - ☐ Workers n

State-County-MCD (for 12 strong MCD states) -> State-County-MCD (for 12 strong MCD states)

State-Place -> State-Place

Metropolitan Statistical Area – EACH Principal City -> Metropolitan Statistical Area – EACH Principal City

State-PUMA -> State-PUMA

State-Place -> State-County

State-County -> State-Place

State-County-MCD (for 12 strong MCD states) -> State-Place

State-PUMA -> State-Place

Tract -> Tract

TAD -> TAD

TAZ -> TAZ

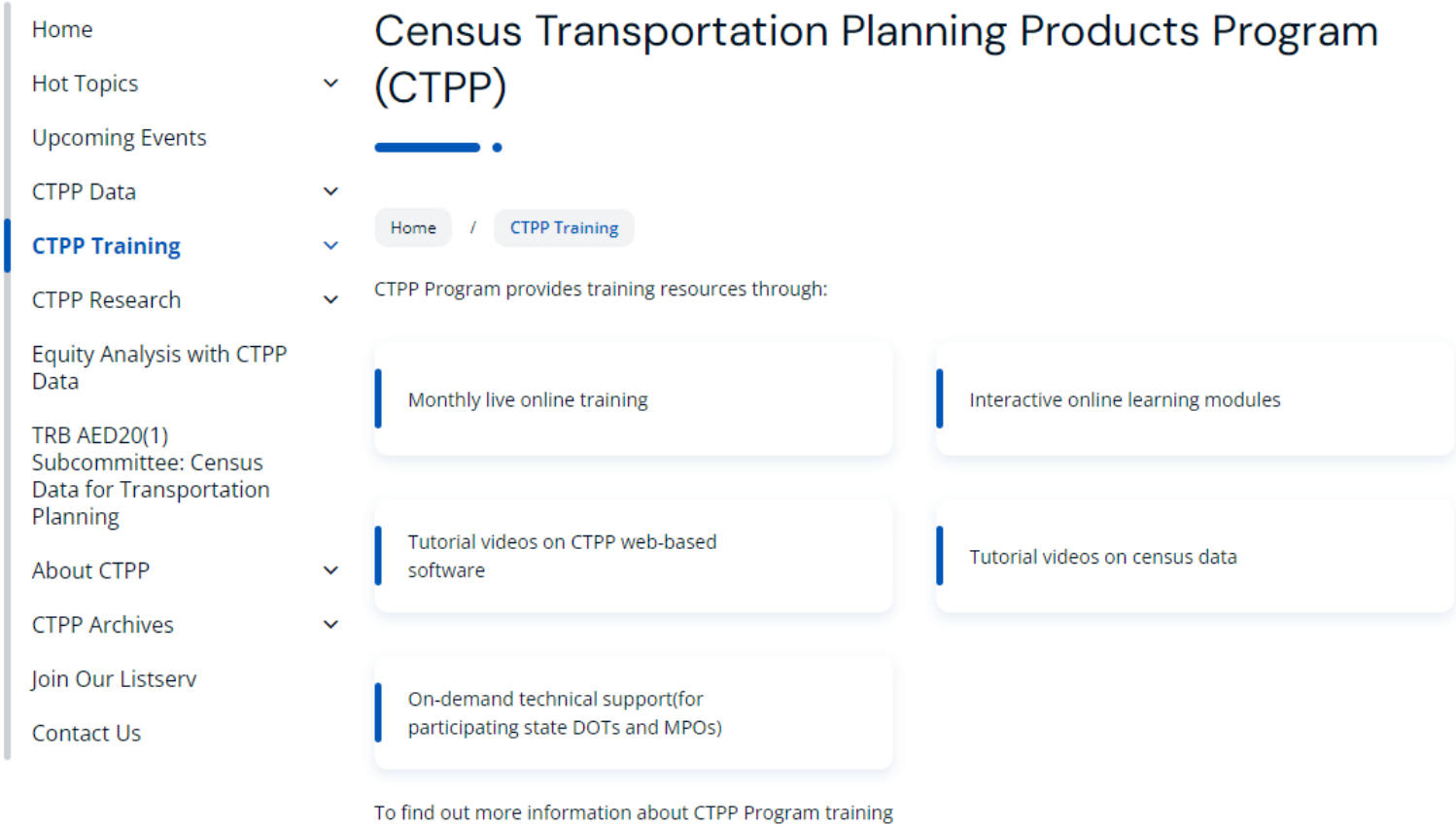
TAD -> TAZ

TAZ -> TAD

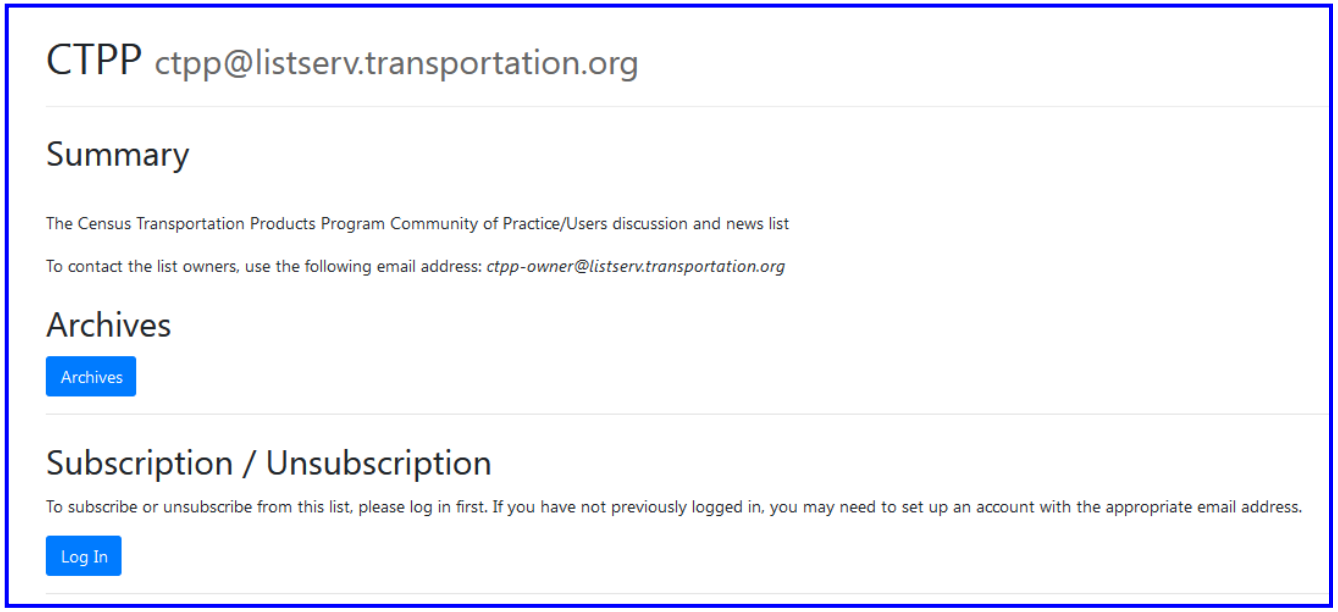
State-Place -> TAZ

TAZ -> State-Place

AASHTO CTPP Training



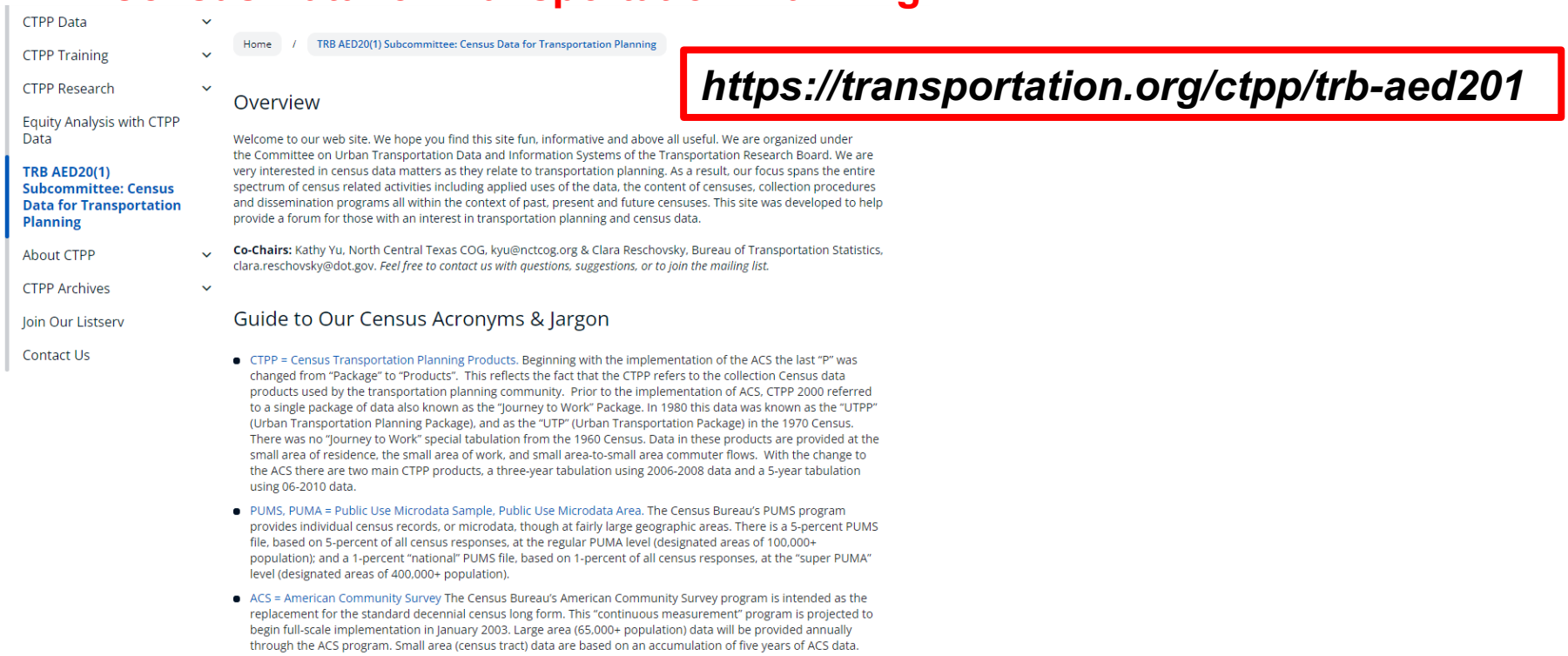
CTPP List Serv



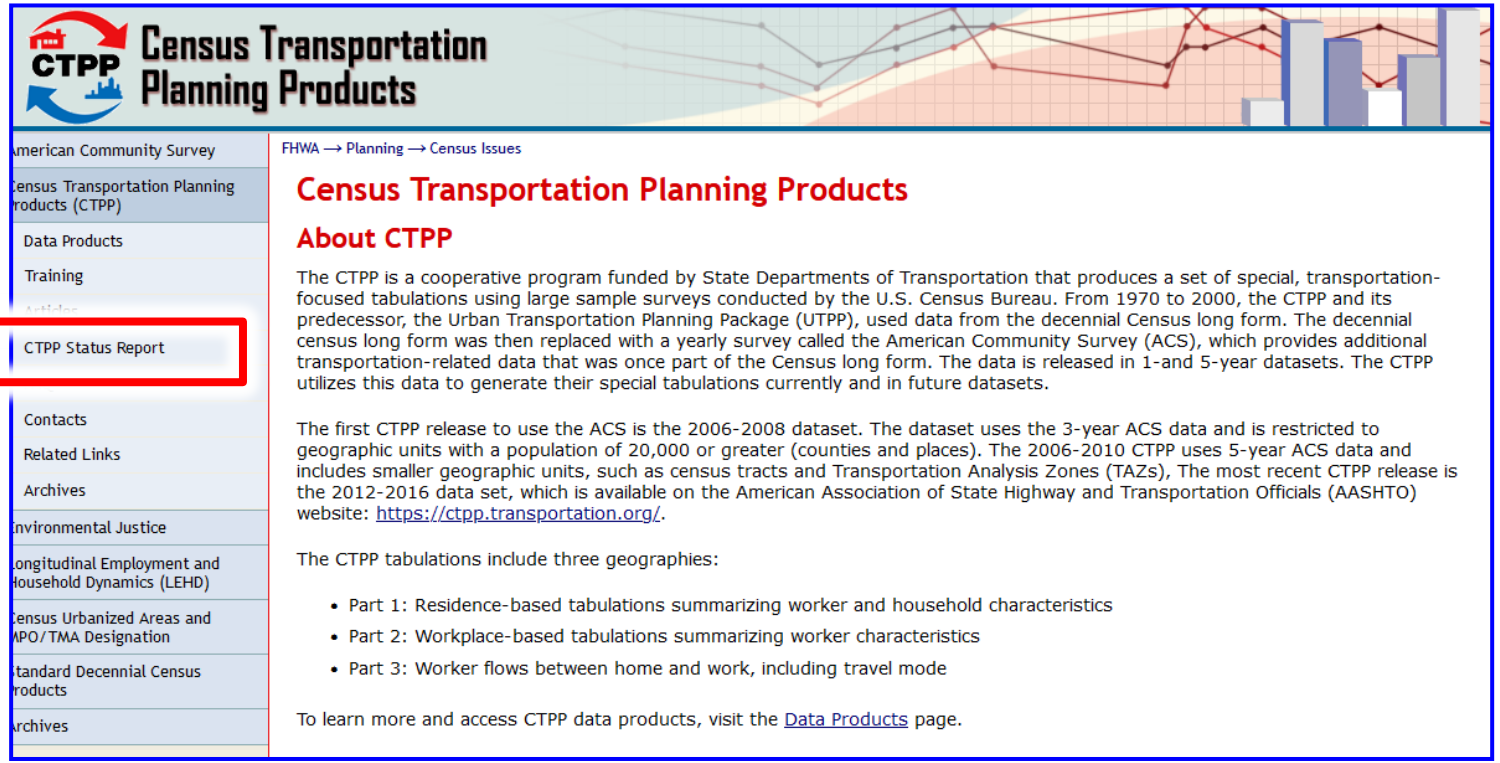
https://listserv.transportation.org/mailman3/lists/ctpp.listserv.transportation.org/

Transportation Research Board (TRB) Subcommittee:

Census Data for Transportation Planning

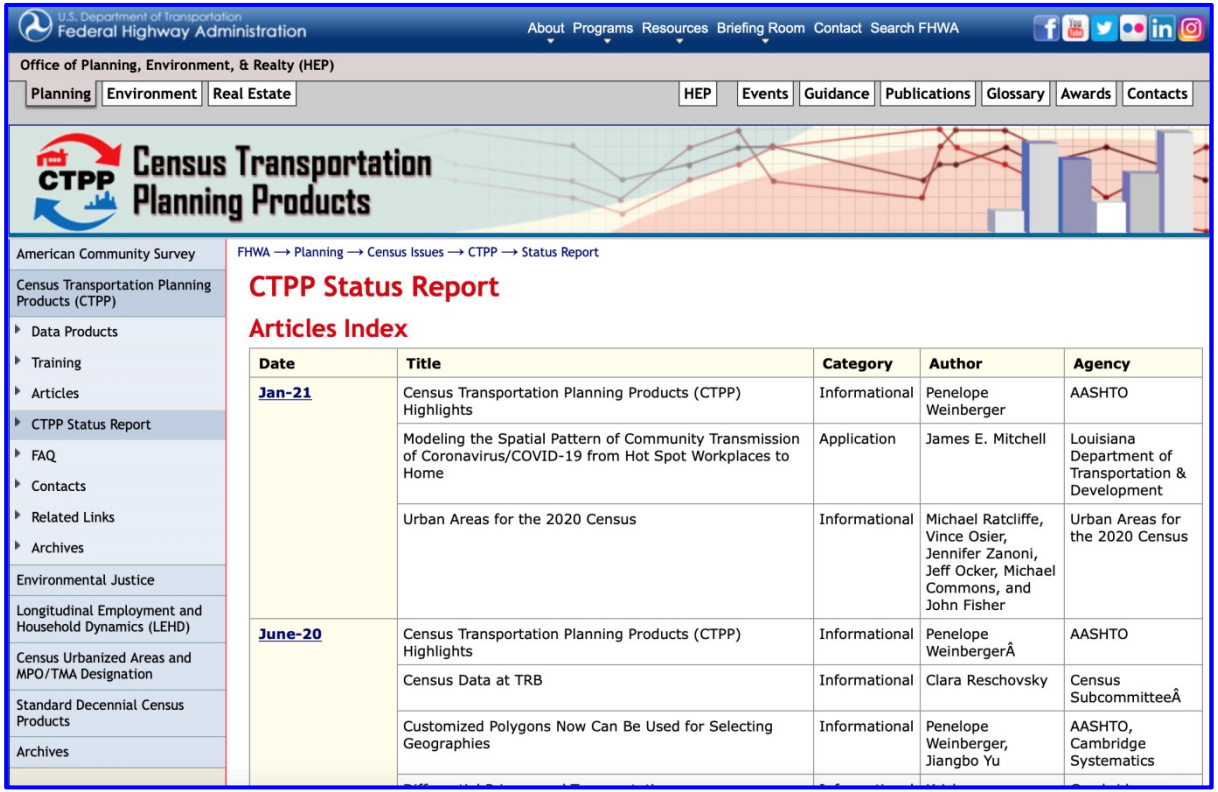


FHWA Website



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

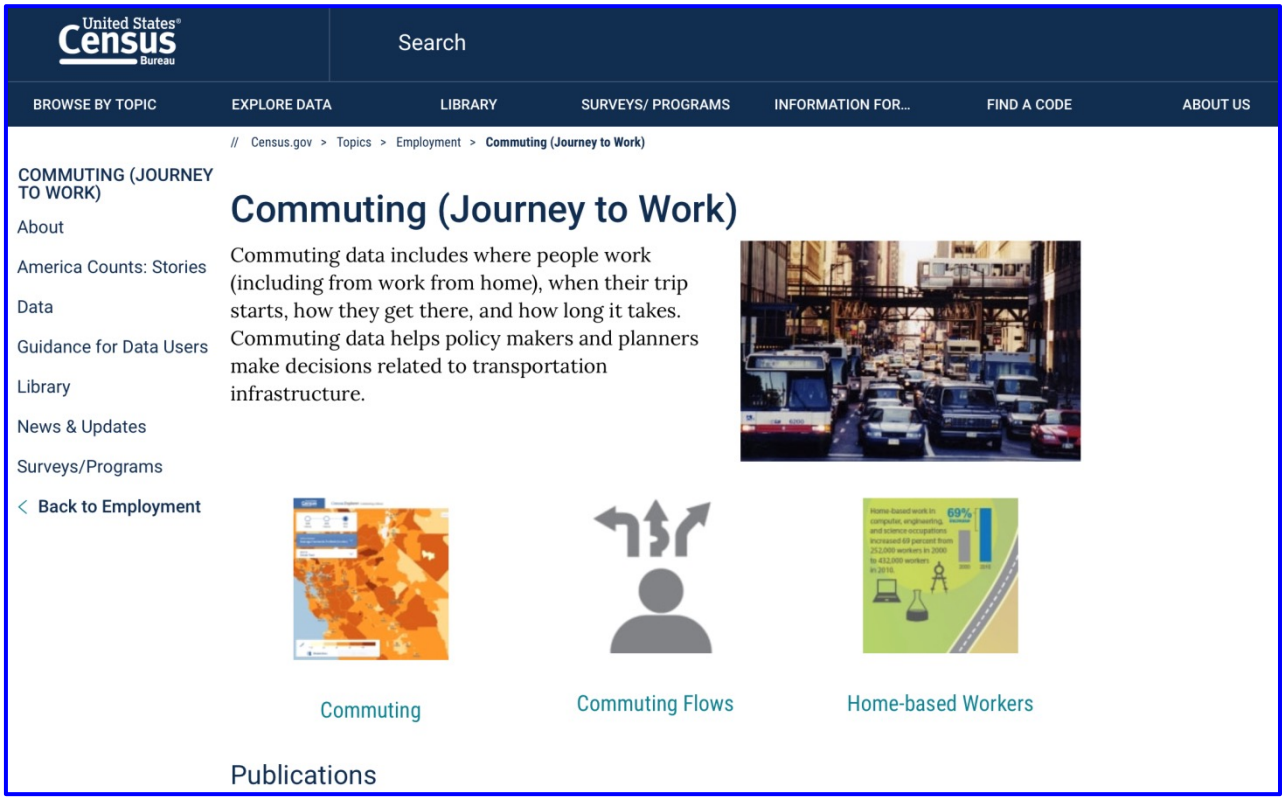
“Status Report” Newsletter



Date	Title	Category	Author	Agency
Jan-21	Census Transportation Planning Products (CTPP) Highlights	Informational	Penelope Weinberger	AASHTO
	Modeling the Spatial Pattern of Community Transmission of Coronavirus/COVID-19 from Hot Spot Workplaces to Home	Application	James E. Mitchell	Louisiana Department of Transportation & Development
	Urban Areas for the 2020 Census	Informational	Michael Ratcliffe, Vince Osier, Jennifer Zanoni, Jeff Ocker, Michael Commons, and John Fisher	Urban Areas for the 2020 Census
June-20	Census Transportation Planning Products (CTPP) Highlights	Informational	Penelope WeinbergerÂ	AASHTO
	Census Data at TRB	Informational	Clara Reschovsky	Census SubcommitteeÂ
	Customized Polygons Now Can Be Used for Selecting Geographies	Informational	Penelope Weinberger, Jiangbo Yu	AASHTO, Cambridge Systematics

https://www.fhwa.dot.gov/planning/census_issues/ctpp/status_report/srindex.cfm

Census Bureau Journey to Work Data



https://www.census.gov/topics/employment/commuting.html

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Questions?