

Background and History

UTPP CTPP

Census Transportation Planning Products (CTPP)
Pooled Fund Project Proposal

Census data is the primary statistical source for all work involving transportation planning. It is the only source of planning data for many small areas and small MPOs.

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Key Points:

- CTPP provides a full set of data to meet the needs of State and MPO transportation users and the data is available from the census long form to the user.
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Census Data Uses

- Planning & policy studies
- Travel demand modeling
- Air quality modeling
- Transportation management
- Security & emergency preparedness
- Travel planning
- Travel analysis

These census transportation data products have proved invaluable in understanding transportation issues, solving problems, and making decisions about where people live and work, how people travel, and how to improve the transportation system.

To address current and future needs for census data, the CTPP is a pooled fund project to support the development of special census products and the solutions for transportation.

Proposed CTPP Pooled Fund Costs
Approximate \$4.5 billion per year

State	2000	2010	2020
Alabama	\$1,100	\$1,100	\$1,100
Alaska	\$1,100	\$1,100	\$1,100
Arizona	\$1,100	\$1,100	\$1,100
Arkansas	\$1,100	\$1,100	\$1,100
California	\$1,100	\$1,100	\$1,100
Colorado	\$1,100	\$1,100	\$1,100
Connecticut	\$1,100	\$1,100	\$1,100
Delaware	\$1,100	\$1,100	\$1,100
District of Columbia	\$1,100	\$1,100	\$1,100
Florida	\$1,100	\$1,100	\$1,100
Georgia	\$1,100	\$1,100	\$1,100
Hawaii	\$1,100	\$1,100	\$1,100
Idaho	\$1,100	\$1,100	\$1,100
Illinois	\$1,100	\$1,100	\$1,100
Indiana	\$1,100	\$1,100	\$1,100
Iowa	\$1,100	\$1,100	\$1,100
Kansas	\$1,100	\$1,100	\$1,100
Kentucky	\$1,100	\$1,100	\$1,100
Louisiana	\$1,100	\$1,100	\$1,100
Maine	\$1,100	\$1,100	\$1,100
Maryland	\$1,100	\$1,100	\$1,100
Massachusetts	\$1,100	\$1,100	\$1,100
Michigan	\$1,100	\$1,100	\$1,100
Minnesota	\$1,100	\$1,100	\$1,100
Mississippi	\$1,100	\$1,100	\$1,100
Missouri	\$1,100	\$1,100	\$1,100
Montana	\$1,100	\$1,100	\$1,100
Nebraska	\$1,100	\$1,100	\$1,100
Nevada	\$1,100	\$1,100	\$1,100
New Hampshire	\$1,100	\$1,100	\$1,100
New Jersey	\$1,100	\$1,100	\$1,100
New Mexico	\$1,100	\$1,100	\$1,100
New York	\$1,100	\$1,100	\$1,100
North Carolina	\$1,100	\$1,100	\$1,100
North Dakota	\$1,100	\$1,100	\$1,100
Ohio	\$1,100	\$1,100	\$1,100
Oklahoma	\$1,100	\$1,100	\$1,100
Oregon	\$1,100	\$1,100	\$1,100
Pennsylvania	\$1,100	\$1,100	\$1,100
Rhode Island	\$1,100	\$1,100	\$1,100
South Carolina	\$1,100	\$1,100	\$1,100
South Dakota	\$1,100	\$1,100	\$1,100
Tennessee	\$1,100	\$1,100	\$1,100
Texas	\$1,100	\$1,100	\$1,100
Utah	\$1,100	\$1,100	\$1,100
Vermont	\$1,100	\$1,100	\$1,100
Virginia	\$1,100	\$1,100	\$1,100
Washington	\$1,100	\$1,100	\$1,100
West Virginia	\$1,100	\$1,100	\$1,100
Wisconsin	\$1,100	\$1,100	\$1,100
Wyoming	\$1,100	\$1,100	\$1,100

Total National Total (\$4.5 billion)

If approved to conduct a State Planning and Research (SPR) and/or a Metropolitan Planning (MP) study, MPOs will receive the appropriate funds.

CONFERENCE PROCEEDINGS 13

Decennial Census Data for Transportation Planning: Case Studies and Strategies for 2000

Volume 2: Case Studies

1996

TRANSPORTATION RESEARCH BOARD
NATIONAL RESEARCH COUNCIL

CENSUS DATA AND URBAN TRANSPORTATION PLANNING

1973

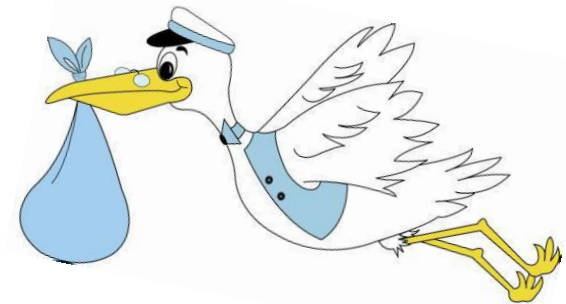
Special Report 145
Transportation Research Board

U.S. Department of Transportation
Transportation Research Board

1997

Implications of Continuous Measurement for the Uses of Census Data in Transportation Planning

1960 JTW Question Arrives



OMB required-
Metro Areas

Coded to City or
County

No Special
Tabulations

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 <input type="checkbox"/>	Taxicab <input type="checkbox"/>	Walk only <input type="checkbox"/>
Subway or elevated <input type="checkbox"/>	Private auto or car pool <input type="checkbox"/>	Worked at home <input type="checkbox"/>
Bus or streetcar <input type="checkbox"/>	Other means—Write in:	

1970 First Transportation Tables

Urban Trans. Planning Package

FHWA provided
table specs

First DOT funding

43 Tables,
“Caveat Emptor”

112 Purchasers, Local TAZs

Address coding (DIME) Block level

c. Where did he work last week?
If he worked in more than one place, print where he worked most last week.
If he travels about in his work or if the place does not have a numbered address, see instruction sheet.

(1) Address (Number and street name) _____

(2) Name of city, town, village, etc. _____

(3) Inside the limits of this city, town, village, etc.?
☐ Yes
☐ No

(4) County _____

(5) State _____

(6) ZIP Code _____

1980 UTPP Expands

Census Bureau hires
JTW staff
--better delivery, geo QC

Work trip imputation
(allocation)

150 Buyers

More detail data (more modes, vehicle
occupancy, travel time)

24a. Last week, how long did it usually take this person to get from home to work (one way)?

Minutes

.....

b. How did this person usually get to work last week?
If this person used more than one method, give the one usually used for most of the distance.

<input type="radio"/> Car	<input type="radio"/> Taxicab
<input type="radio"/> Truck	<input type="radio"/> Motorcycle
<input type="radio"/> Van	<input type="radio"/> Bicycle
<input type="radio"/> Bus or streetcar	<input type="radio"/> Walked only
<input type="radio"/> Railroad	<input type="radio"/> Worked at home
<input type="radio"/> Subway or elevated	<input type="radio"/> Other — Specify _____

*If car, truck, or van in 24b, go to 24c.
Otherwise, skip to 28.*

.....

1990 New CTPP Era Begins

Name changed from UTPP

Wall-to-Wall Coverage
(AASHTO/NARC pooled fund)

First state package

More data (departure time, occupancy)

Extraction software BTS CD release



2000 CTPP Takes Hold



Name changed from UTPP

**CTPP Community matures—TRB
Subcommittee established (1998)**

~Newsletter, ~List Serve

~On Call assistance and outreach

Enhanced TAZ Definition process

Improved Extraction software

Disclosure Rules

Enter the ACS era...

Census Transportation Planning Products



The CTPP embodies a collection of Census Data used for Transportation Planning. With changing data needs and the ACS, there will be a variety of different products useful for transportation planning emanating from Census Data. There will be Special Tabulations, Standard Tables and even Value Added-products. The CTPP captures all of these.

Think of CTPP as a place to look for Census Data products to help with your Transportation needs

What were the sizes of the JTW data products and who paid for them?



	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
2005 +	AASHTO Consolidated Purchase		

Whose been watching over all of this for the Transportation Community?

CTPP Technical Advisory Group

USDOT (FHWA, BTS, FTA and OST)

Census Bureau (Migration and Geography Divisions)

AASHTO

States and MPOs

TRB Subcommittee on Census Data

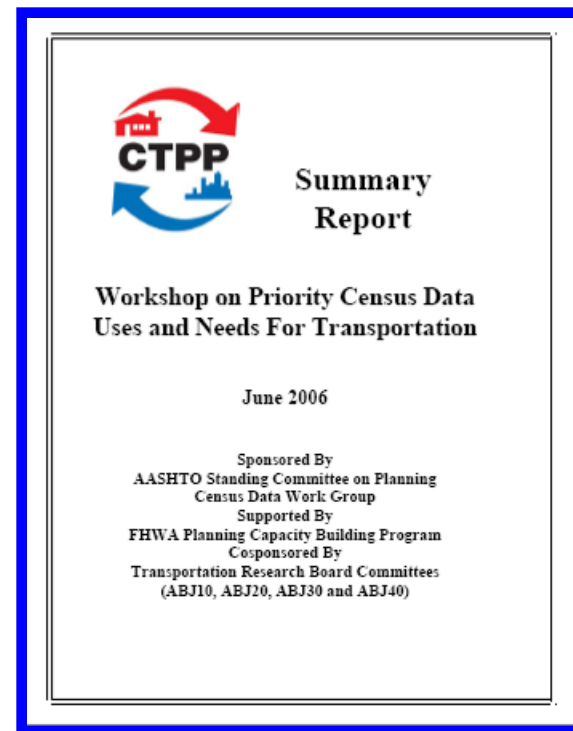
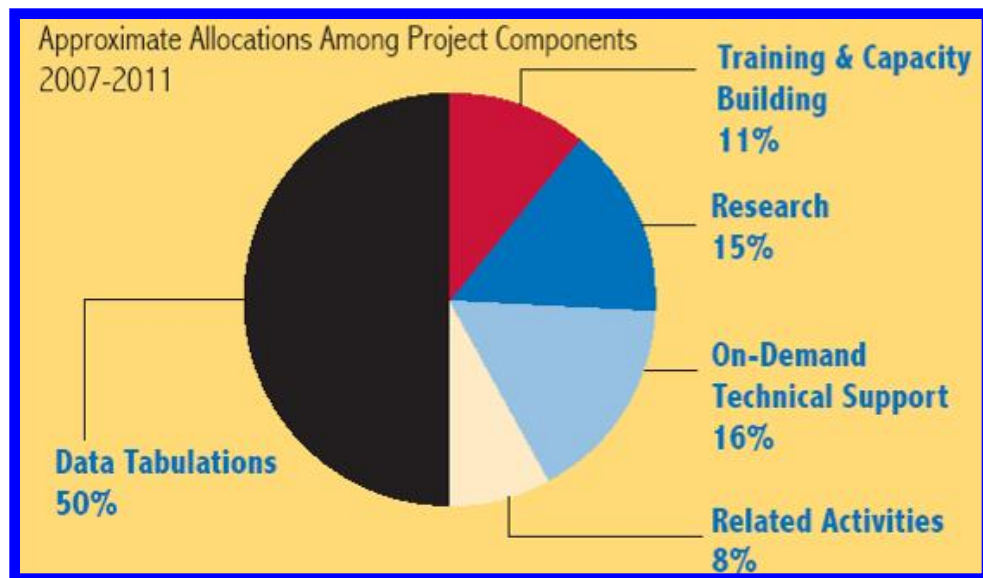
www.TRBcensus.com

AASHTO SCOP -- Census Data Work Group

24 states, the associations, 3 MPOs

and Feds www.TRBcensus.com/SCOP

Consolidated Purchase (pooled fund)



On-Demand Technical Assistance	\$930,000
Training	\$625,000
Research	\$920,000
Data Products	\$2,980,000
Oversight Activities	\$465,000
TOTAL	\$5,920,003

Consolidated Purchase (pooled fund)



1. On-Demand Technical Support
2. Training and Capacity Building
3. Research
4. Data Products
5. Related Activities

\$5,920,003

Consolidated Purchase (pooled fund)

\$930,000

1. On-Demand Technical Support

- ~ On-call user support**
- ~ Guidance on TAZ development**
- ~ Quick response data reports**
- ~ Information sharing**
- ~ Coordination with users**

Consolidated Purchase (pooled fund)

\$625,000

2. Training and Capacity Building

- ~ Training classes**
- ~ Web seminars**
- ~ Computer based tools and help**
- ~ Information Clearinghouse**
- ~ Outreach**

Consolidated Purchase (pooled fund)

\$920,000

3. Research

- ~ Workplace allocation method**
- ~ Assess feasibility of synthetic data**
- ~ Develop strategies to fill data gaps**
- ~ Synthesis of best practices**
- ~ Integrate public/private data sources**
- ~ Alternatives to data suppression**

Consolidated Purchase (pooled fund)

\$2,980,000

4. Data Products

- ~ Annual Data Profiles**
- ~ Annual Flows**
- ~ 3 year Data Tables (2005-2007 ???)**
- ~ 5 year Data Tables (2005-2009)**
- ~ Special Geography (2010 TAZ)**
- ~ National Tabulations**
- ~ Data Access and Visualization Tools**

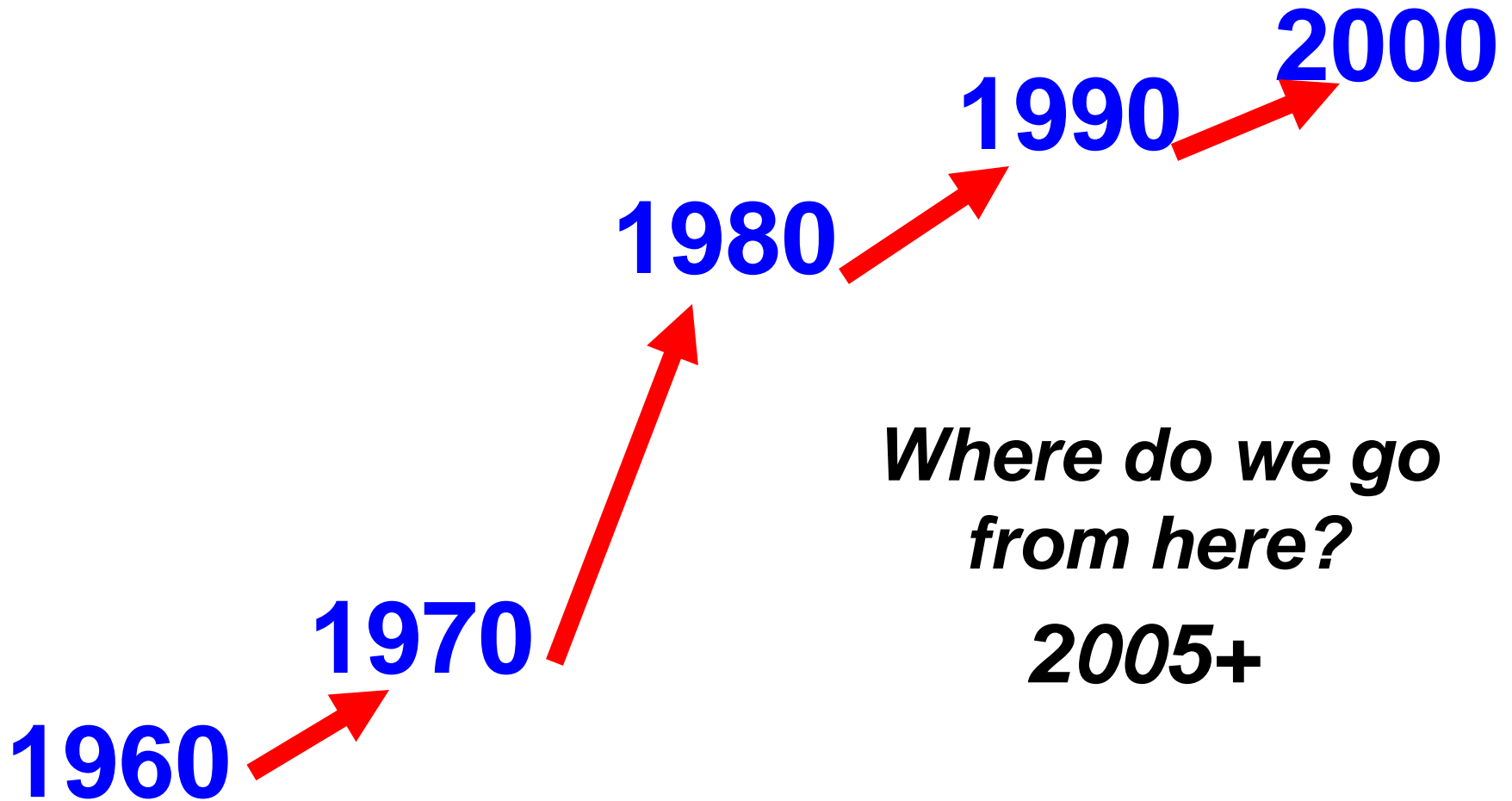
Consolidated Purchase (pooled fund)

\$465,000

5. Oversight Activities

- ~ Project oversight**
- ~ User workshops**
- ~ SCOP Census Data Work Group**

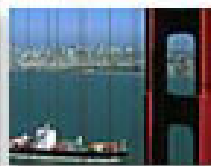
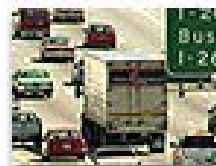
CTPP Progress over time



Census Data for Transportation Planning

TRB Subcommittee on Census Data for Transportation Planning, A1D08(1)

Encouraging Research and Innovation in Transportation Since 1920



TRB
.org



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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

- [ACS Resident Data Profiles for States, MSA and Big Cities](#)
[04 Oct-2006]
- [September 2006 CTPP Status Report \(TDB 614\)](#) [14 Sep-2006]
- [AASHTO Standing Committee on Planning Census Data Work](#)
[4 Nov-2006]

<http://trbcensus.com/SCOP>

[Links](#)

[Data-A Discussion Draft](#) [16-Dec-2006]