



1990 CENSUS TRANSPORTATION PLANNING PACKAGE URBAN ELEMENT--PARTS 1, 2, 3 README.DOC FILE

INTRODUCTION

This Compact Disc (CD) contains data from the 1990 Census Transportation Planning Package (CTPP). The CTPP is a set of special tabulations sponsored by the Department of Transportation in each state and designed to meet the data needs of transportation planners. The Statewide Element of the CTPP contains data for standard census geographic areas like States, counties, and places (only those with 2,500 or more persons). The Urban Element of the CTPP contains data for custom geographic areas like traffic analysis zones (TAZs), study areas, and CTPP regions. (Some areas chose census tracts or block groups (BG) instead of TAZs for their most detailed geographic level). This CD holds data from the Urban Element of the CTPP. For information on the Statewide Element CDs, contact the Bureau of Transportation Statistics (BTS) at (202) 366-DATA.

An urban element data set has been created for each Metropolitan Planning Organization (MPO) across the country. The MPO has defined the county or counties (towns in New England) to be included in their package, and we call the resulting area a CTPP region. Each CTPP region has been assigned a unique code to identify it. Generally this is the MSA, CMSA, or PMSA code for the central area, or some variant of the metropolitan area code. Lists of the 303 CTPP urban element packages, the code assigned to each, the type of detailed geography provided (TAZ, tract, or BG), and the number of the CD on which the data are located, may be found in the \DOCS directory of this CD. The file sorted alphabetically by name is REGNAME.ASC, while the one sorted by region code is REGNCODE.ASC.

The CDs in this release contain Parts 1, 2, and 3 of the Urban Element for one or more CTPP regions. Part 1 contains data for housing units, households, persons, and workers located in or living in the region, tabulated for various types of geographic units. The different types of geography are called summary levels. The counts are based on the sample or long-form data from the 1990 census, and may therefore differ from the 100 percent 1990 census counts.

In Part 2 (tabulations by area of work), the CTPP provides data for workers who worked in the region. This means that residents of the region who worked outside it are excluded from Part 2. Conversely, non-region residents who worked inside the region are included in the Part 2 numbers. Since the universes for Part 1 and Part 2 are so different (residence-based versus workplace-based), the totals for any geographic unit in one part will not equal those from the other.

Part 3 (tabulations of residence area by work area) includes in its universe workers who lived or worked in the CTPP region. The tables in part 3, however, are restricted to workers who did not work at home. Therefore, any at-residence or at-work summaries calculated from the commuter flow data in Part 3 will not equal the all worker counts in Part 1 (by place of residence) or Part 2 (by place of work). However, there are tables in Part 1 and Part 2 that are also restricted to workers not working at home, for example tables 1-31 and 2-8. The residence or work summaries for an area from Part 3 should equal the number of workers not working at home for that area as shown in these two tables.

DIRECTORY STRUCTURE OF CD

The Urban Element CDs are set up with the following directory structure. There is a subdirectory for each CTPP region found on the disc (the number of these subdirectories varies from CD to CD), a subdirectory for documentation files (\DOCS), and a TransVU-CTPP Edition program directory (\TVCTPP). The four-digit CTPP region code is used as the subdirectory name for the various region subdirectories.

DATA FILES

Within each of the region subdirectories (\xxxx, where xxxx=the CTPP region code), there are a number of data files, as described below.

xxxx.REG This is the region definition file. It is a control file (ASCII text) used in the production of the CTPP and contains the region code and name, the counties (towns in New England) that make up the region, and other region-specific information. A fuller discussion of the file and its contents may be found in the \DOCS subdirectory in the file REGION.DOC, an ASCII text file that may be viewed or printed.

xxxxPLC.DEF The place default file. This is an ASCII text file that lists the census geocodes, names, and default TAZ codes of places within the region for which only partial workplace data are available in the CTPP at the TAZ, tract, or block group level. A fuller discussion of the file and its contents may be found in the \DOCS subdirectory in the file PLCDEF.DOC, which is also an ASCII text file.

P1xxxx. The CTPP Part 1 data file. This is an ASCII data file that contains the 63 tables by area of residence that make up Part 1. The record layout or data dictionary for this file, describing the contents of each 22,372-

character record, may be found in the \DOCS subdirectory in the file CTPP_1.DOC.

P1xxxx.DCT This is a dictionary file that describes the data fields in Part 1. The file is not used by the TransVU-CTPP Edition software, but could be used by other Caliper Corporation commercial software to read the data file. A fuller description of the file may be found in the \DOCS subdirectory in the DCT.DOC file.

P2xxxx. The CTPP Part 2 data file. This is an ASCII data file that contains the 27 tables by area of work that make up Part 2. The record layout or data dictionary for this file, describing the contents of each 10,616-character record, may be found in the \DOCS subdirectory in the file CTPP_2.DOC.

P2xxxx.DCT This is a dictionary file that describes the data fields in Part 2. The file is not used by the TransVU-CTPP Edition software, but could be used by other Caliper Corporation commercial software to read the data file. A fuller description of the file may be found in the \DOCS subdirectory in the DCT.DOC file.

P3xxxx. The CTPP Part 3 data file. This is an ASCII data file that contains the 7 commuter flow tables that make up Part 3. The record layout or data dictionary for this file, describing the contents of each 1,180-character record, may be found in the \DOCS subdirectory in the file CTPP_3.DOC.

P3xxxx.DCT This is a dictionary file that describes the data fields in Part 3. The file is not used by the TransVU-CTPP Edition software, but could be used by other Caliper Corporation commercial software to read the data file. A fuller description of the file may be found in the \DOCS subdirectory in the DCT.DOC file.

TAZxxxx.DAT The census block-to-traffic analysis zone equivalency file. This ASCII file contains a record for each census block in region xxxx, consisting of the census geocodes for the block and the traffic analysis zone

(TAZ) to which the block has been assigned. The record layout for this file may be found in the \DOCS subdirectory in the file TAZ.DOC. CTPP regions that chose census tracts or block groups instead of TAZs for their most detailed level of geography will not have a TAZxxxx.DAT file in their subdirectory.

DOCUMENTATION FILES

The files described below may be found in the \DOCS subdirectory of the Urban Element Part 1, 2, 3 CDs. The files are all ASCII text files which may be viewed or printed. Unless otherwise noted, the files are less than 80 characters wide. The 24 files are listed below in alphabetical order of their filename.

CTPP_1.DOC This file is the record layout or data dictionary for Part 1 of the CTPP Urban Element. It contains the length, start character, and code list for each field contained in the dataset. The file is a full 80 characters wide, so it should be viewed or printed without margins, or printed in a landscape mode or in a small font.

CTPP_2.DOC This file is the record layout or data dictionary for Part 2 of the CTPP Urban Element. It contains the length, start character, and code list for each field contained in the dataset. The file is a full 80 characters wide, so it should be viewed or printed without margins, or printed in a landscape mode or in a small font.

CTPP_3.DOC This file is the record layout or data dictionary for Part 3 of the CTPP Urban Element. It contains the length, start character, and code list for each field contained in the dataset. The file is a full 80 characters wide, so it should be viewed or printed without margins, or printed in a landscape mode or in a small font.

DCT.DOC This file describes the structure of the *.DCT or *.DCB dictionary files found in the region subdirectories on the Urban Element CDs.

GEOFINDR.ASC This file is a guide to locating data for particular types of geography. The geographic types or summary

levels are shown down the left stub of the table, while the data types (place of residence, place of work, and residence by work) are shown in the columns. The cells of the table show which of the 13 parts of the CTPP contain a particular type of data for a particular summary level or type of geographic area. This file is 84 characters wide, so it should be viewed or printed in a small font or in a landscape mode.

MPOADDR.ASC A file containing the agency name and address of the local metropolitan planning organization (MPO) or state Department of Transportation that was the primary contact for a CTPP region. The region code is provided, as is the name and phone number of a contact person. The entries are in alphabetical order according to the 2-character state postal abbreviation, e.g , AK, AL, AR, AZ, and within each state grouping alphabetically by post office name.

OUTL_1.ASC A set of table outlines for Part 1 of the CTPP. The file shows the table number, title, and universe; lists the variables and category labels used; and gives the total number of cells contained in each table.

OUTL_2.ASC A set of table outlines for Part 2 of the CTPP. The file shows the table number, title, and universe; lists the variables and category labels used; and gives the total number of cells contained in each table.

OUTL_3.ASC A set of table outlines for Part 3 of the CTPP. The file shows the table number, title, and universe; lists the variables and category labels used; and gives the total number of cells contained in each table.

PLCDEF.DOC This file explains the concept of default traffic analysis zones (TAZs) that are equivalent to whole places, instead of the normal type of TAZs that are made up of a collection of census blocks. The criteria used to arrive at the list of places for which default TAZs are used is described, as well as the format of the xxxxPLC.DEF file.

README.DOC This file on the CD is a copy of the text you are now reading. It is an ASCII text file which can be viewed or printed. It contains a listing of and thumbnail description of the primary data files on the CDs, as well as a list and description of the documentation files provided.

REGION.DOC Documentation for the region definition file, including an explanation of its content and syntax. The general rules for defining regions, study areas, and central business districts in the CTPP are listed, and a generic example of a region definition file is provided.

REGNCODE.ASC A list, in CTPP region code order, of the 303 Urban Element packages produced. The file shows the region code, the CD number on which the data are located, the type of detailed geography requested (traffic analysis zone, census tract, or block group), and the area name for each package.

REGNAME.ASC A list, in CTPP region name order, of the 303 Urban Element packages produced. The file shows the region code, the CD number on which the data are located, the type of detailed geography requested (traffic analysis zone, census tract, or block group), and the area name for each package.

SMLV_1.ASC This file shows which geographic codes are present on the data records for each of the summary levels produced in Part 1. The summary level codes and geographic descriptors are shown down the left side of the table, and the geographic codes are listed across the column headings. Asterisks indicate the geographic codes present on each type of summary level record. This file is 96 characters wide, so it should be printed or viewed in a small font and/or in landscape mode.

SMLV_2.ASC This file shows which geographic codes are present on the data records for each of the summary levels produced in Part 2. The summary level codes and geographic descriptors are shown down the left side of the table, and the geographic codes are listed across the column headings. Asterisks indicate the geographic codes present on each type of summary

level record. This file is 96 characters wide, so it should be printed or viewed in a small font and/or in landscape mode.

SMLV_3.ASC This file shows which geographic codes are present on the data records for each of the summary levels produced in Part 3. The summary level codes and geographic descriptors are shown down the left side of the table, and the geographic codes are listed across the column headings. Asterisks indicate the geographic codes present on each type of summary level record. Part 3 does not provide flows between different summary levels (SMLV), only between origins and destinations with the same SMLV code. The last part of this file lists the SMLV codes of the flow records provided in Part 3. This file is 117 characters wide, so it should be printed or viewed in a small font and/or in landscape mode.

STADDR.ASC A file containing the agency name and address for each state Department of Transportation, as well as the name and phone number of the contact person in the agency for the 1990 Census Transportation Planning Package. The entries are in alphabetical order according to their 2-character postal abbreviation, e.g , AK, AL, AR, AZ.

SUBLOC1.ASC The subject locator for Part 1 of the CTPP. The subject matter variables or census items appearing in Part 1 are cross-referenced in the alphabetical list, and the table numbers where each variable may be found are provided.

SUBLOC2.ASC The subject locator for Part 2 of the CTPP. The subject matter variables or census items appearing in Part 2 are cross-referenced in the alphabetical list, and the table numbers where each variable may be found are provided.

SUBLOC3.ASC The subject locator for Part 3 of the CTPP. The subject matter variables or census items appearing in Part 3 are cross-referenced in the alphabetical list, and the table numbers where each variable may be found are provided.

TAZ.DOC Documentation for the census block-to-traffic analysis zone (TAZ) equivalency file. The record layout of the

TAZxxxx.DAT file is provided, as well as the guidelines for TAZ codes and other related information.

TRANSVU.DOC Documentation for the TransVU-CTPP Edition (Version 2.0) software. Included are hardware and software requirements, instructions for installing the software, and a tutorial covering functions such as opening a dataset, creating crosstabs, mapping data, and exporting data.

USERNOTE.01 This file is a collection of notes about corrections, changes, and unusual situations encountered in the 1990 CTPP Urban Element data files. In it are some general notes or cautions, as well as others that relate specifically to a particular CTPP region and its data package. As time passes, additional user notes may be issued. They will be given filename extensions in a numerical sequence. For example, the next one will be named USERNOTE.02. Each successive user note will include the full text of all previous user notes, in reverse chronological order. That is, the newest user note will be presented first in the file, followed by the next newest note, and so on.