Population Mobility Trends Technical Guide

May 2023



USPS® Office of Addressing Technology

Memphis, TN



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Overview

The Population Mobility Trends product utilizes USPS Change-of-Address information to provide statistical information about customer moving trends. The product includes the most common moving trends based on the following factors:

- Old address ZIP Code to New address ZIP Codes migration information:
 - Top 3 movements within same county
 - Top 3 movements outside county but within same state
 - o Top 3 movements outside state
- Top 3 demographic patterns related to (refer to Demographics Categories):
 - Median Age
 - Median Income
 - Average Household Size
- Multi-dwelling address information from the USPS Address Management System

No personally identifiable COA information is provided by the Population Mobility Trends product.

Demographic Categories

Demographic categories of Median Age, Medium Incomes, and Average Household Size are assigned to each COA based on carrier route information. Each category is grouped as follows:

Median Age	Median Income	Average Household Size
20-24	< \$15,000	1
25-34	\$15,000 - \$24,999	2
35-44	\$25,000 - \$34,999	3
45-54	\$35,000 - \$49,999	4
55-64	\$50,000 - \$74,999	5
64-74	\$75,000 - \$99,999	6 or more
75-84	\$100,000 - \$149,999	
> 85	\$150,000 - \$199,999	
	> \$200,000	

Requirements for Low Volume Demographics

In cases where the demographics information is not available or extremely low, no information is provided. Listed below is the criteria used to determine when to provide zero counts in the demographic data.

- 1. **Age** Less than 20
- 2. Income Less than 0
- 3. Household Size Less than 1

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ZIP Code Data

For each Old and New ZIP Code, the Population Mobility Trends product returns the following data:

Percentage of Residential Multi-Family Addresses (Residential Highrise Addresses) Percentage of Business Multi-Tenant Addresses (Business Highrise Addresses)

For each old ZIP Code, the product returns the three ZIP Codes with the highest COA volume customers are moving to per County, In State/Outside County, and Outside State, for a total of nine possible returns (limitations may exist based on volume restrictions):

Top 3 New ZIP Codes within County

Top 3 New ZIP Codes within State outside County

Top 3 New ZIP Codes outside State

In addition, the top 3 **Median Age**, **Median Income**, and **Average Household Size** is provided for each Old/New ZIP Code combination.

If the any ZIP Code has fewer than 11 COAs, **no data** is returned for that ZIP Code.

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Report File Layout - Copyright Record

Data is provided in comma-delimited (.csv) file format.

Filename = pmtmonthly.csv and pmt48.csv

Field Name	Length	Description
Copyright Code	1	C = Copyright
Filler	11	
Copyright Statement	8	COPYRIGHT ©
Filler	1	
File Version Year	5	2023.
Filler	5	
Copyright Notice	20	ALL RIGHTS RESERVED.
Filler	1	
Census Notice	53	DEMOGRAPHIC DATA SOURCED FROM THE U.S. CENSUS BUREAU.

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Report File Layout - Detail Record

Data is provided in comma-delimited (.csv) file format.

Filenames = pmtmonthly.csv and pmt48.csv

Field Name	Length	Description
COA Date	8	Year and Month of Move Effective Date
OLD ZIP	5	Old Address ZIP Code derived from Change-of-Address
OLD City	28	Old Address City derived from Change-of-Address
OLD State	2	Old Address State derived from Change-of-Address
OLD County	20	Old Address County derived from Change-of-Address
NEW Distance	1	C - Moved inside county
		S - Moved outside county but in same State
NEW ZID	F	O - Moved outside of state
NEW ZIP	5	New Address ZIP Code derived from Change-of-Address
NEW City	28	New Address City derived from Change-of-Address
NEW State	2	New Address State derived from Change-of-Address
NEW County	20	New Address County derived from Change-of-Address
Total COA Volume	8	Total COA volume for COA Date, OLD ZIP and NEW ZIP
Old Addr Age Demographic Code 1	2	Age demographic with the highest volume COAs
Old Addr Bus Perm Age 1	8	(Refer to Code Descriptions below) Total Permanent business COAs
Old Addr Bus Temp Age 1	8	Total Temporary business COAs
Old Addr Bus Highrise Age 1	3	Percentage of Business COAs that moved from a multi-tenant address
Old Addr Fam Perm Age 1	8	Total Permanent family COAs
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Old Addr Ind Porm Age 1	8	Total Temporary family COAs Total Permanent individual COAs
Old Addr Ind Perm Age 1	8	
Old Addr Ind Temp Age 1	8	Total Temporary individual COAs
Old Addr Fam Highrise Age 1	3	Percentage of Residential COAs that moved from a multi-family address
Old Addr Ind Highrise Age 1	3	Percentage of Residential COAs that moved from a multi-family address
Old Addr Age 2	2	Age demographic with the second highest volume COAs (Refer to Code Descriptions below)
Old Addr Bus Perm Age 2	8	Total Permanent business COAs
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Old Addr Ind Perm Age 2	8	Total Permanent individual COAs
Old Addr Ind Temp Age 2	8	Total Temporary individual COAs
Old Addr Fam Highrise Age 2	3	Percentage of Residential COAs that moved from a multi-family address
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	2	
New Addr Age 1	2	Age demographic with the highest volume COAs (Refer to Code Descriptions below)
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Code Definitions

Age Code		Househo	ld	Income	
Α0	Age < 20	Code		Code	
A1	Age 20 - 24	H0	0 members	10	No Income
A2	Age 25 - 34	H1	1 member	I1	< \$15,000
А3	Age 35 - 44	H2	2 members	12	\$15,000 - \$24,999
A 4	Age 45 - 54	Н3	3 members	13	\$25,000 - \$34,999
A5	Age 55 - 64	H4	4 members	14	\$35,000 - \$49,999
A6	Age 65 - 74	H5	5 members	15	\$50,000 - \$74,999
Α7	Age 75 - 44	Н6	6 or more members	16	\$100,000 - \$149,999
A8	Age > 85			17	\$150,000 - \$199,999
	30 100			18	> \$200,000

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PMT Summary File Layout – Copyright Record

Data is provided in comma-delimited (.csv) file format.

Filename = pmt_summary.csv

Field Name	Length	Description
Copyright Detail Code	1	C = Copyright
Filler	11	
Copyright Statement	13	COPYRIGHT ©
Filler	1	
File Version Year	5	2023.
Filler	2	
Copyright Notice	19	ALL RIGHTS RESERVED

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PMT Summary File Layout – Detail Record

Data is provided in comma-delimited (.csv) file format.

Filename = pmt_summary.csv

Total COA requests to and from a 5-digit ZIP Code by month for the last four years.

- Totals are broken down by move type:
- Family Everyone with the last name submitted on the COA request is moving
- Individual The individual named on the COA request is moving
- Business The business named on the COA request is moving

In order to protect the privacy of our moving customers, COA volumes where the count is less than 11 will not be disclosed. Since we only report when the volume is greater than 10, the columns for Business, Family and Individual may not add up to the amount in the total.

Field Name	Length	Description
YYYYMM	6	Year and month to which the data pertains.
ZIP Code	8	5-digit ZIP Code where the COA request originates or destinates.
City	28	City name associated with the ZIP Code
State	2	State associated with the ZIP Code
Total From ZIP	8	Total COA requests that originated from the ZIP Code
Total Business	8	Total Business COAs that originated from the ZIP Code
Total Family	8	Total Family COAs that originated from the ZIP Code
Total Individual	8	Total Individual COAs that originated from the ZIP Code
Total Perm	8	Total permanent COAs that originated from the ZIP Code
Total Temp	8	Total temporary COAs that originated from the ZIP Code
To In County	8	Total COA requests within the same County as the ZIP Code
To In State	8	Total COA requests within the same State as the ZIP Code
To Out of State	8	Total COA requests that destinate to a different State than the ZIP Code
Total To ZIP	8	Total COA request that Destinate to the ZIP Code
Total Business	8	Total Business COA's that destinate to the ZIP Code
Total Family	8	Total Family COA's that destinate to the ZIP Code
Total Individual	8	Total Individual COA's that destinate to the ZIP Code
Total Perm	8	Total Permanent COA's that destinate to the ZIP Code
Total Temp	8	Total Temporary COA's that destinate to the ZIP Code
From In County	8	Total Business COA's that destinate to the ZIP Code
From In State	8	Total COA requests that destinate to the same State as the ZIP Code
From Out Of State	8	Total COA requests that come from a different State than the ZIP Code

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