

## **2007-2011 County-to-County Migration Flows**

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This report is released to inform interested parties of ongoing research and to encourage discussion. The views expressed on statistical, methodological, technical, or operational issues are those of the authors and not necessarily those of the U.S. Census Bureau.

## Introduction

In April 2012, the U.S. Census Bureau released the first county-to-county migration flow estimates using the 2005-2009 5-Year American Community Survey (ACS) Estimates. Previously, county-to-county migration flows were released every 10 years using the Decennial Census. The product released using the Decennial Census data produced flows crossed by various characteristics. While the first ACS county-to-county migration flows package did not include characteristics, the subsequent release, using the 2006-2010 5-Year ACS Estimates, crossed flows by age, sex, race, and Hispanic origin.

Using the 2006-2010 5-Year Estimates, the Journey to Work and Migration Statistics Branch<sup>1</sup> along with the Cartographic Products Branch constructed the [Census Flows Mapper](#),<sup>2</sup> an interactive online mapping application, to provide data users with an embeddable county migration flows map and corresponding table.<sup>3</sup> The Census Flows Mapper allows the user to visualize the data by the characteristics in the table package, as well as save maps and download selected data.

### *Migration terms, defined*

Origin county – The county the mover lived in one year ago; the sending county.

Destination county – The county the mover currently lives in; the receiving county.

Flow – A flow exists between an origin and destination county when there is at least one mover between them.

Inmigration – The number of people moving into counties as a destination.

Outmigration – The number of people moving out of origin counties.

Net migration – The number of movers a county gains or loses when outmigration is subtracted from inmigration.

The February 2014 release using the 2007-2011 5-Year ACS Estimates has the county-to-county migration flows crossed by educational attainment, individual income, and household income. Along with the table package, the Journey to Work and Migration Statistics Branch updated the Census Flows Mapper with the new data and new capabilities. A PowerPoint<sup>4</sup> information guide is also available to help users navigate the table package and the Census Flows Mapper. In conjunction with these resources, this paper provides a brief summary of some analyses that may be done using the table package.

The paper is broken into three sections. First, broad inmigration, outmigration and net migration patterns are discussed using the data at the county level rather than the level of the flow. Second, using the flows, some of

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<sup>2</sup> Census Flows Mapper: <http://flowsmapper.geo.census.gov/flowsmapper/flowsmapper.html>

<sup>3</sup> The table package includes movers from abroad while the Census Flows Mapper omits movers from abroad and Puerto Rico. The next version of the Census Flows Mapper using the 2008-2012 5-Year ACS Estimates will include movers from Puerto Rico (as a state equivalent), county movers to Puerto Rico municipios, and movers within Puerto Rico.

<sup>4</sup> PowerPoint: <http://www.census.gov/hhes/migration/files/acs/county-to-county/2007-2011/tutorial.ppt>

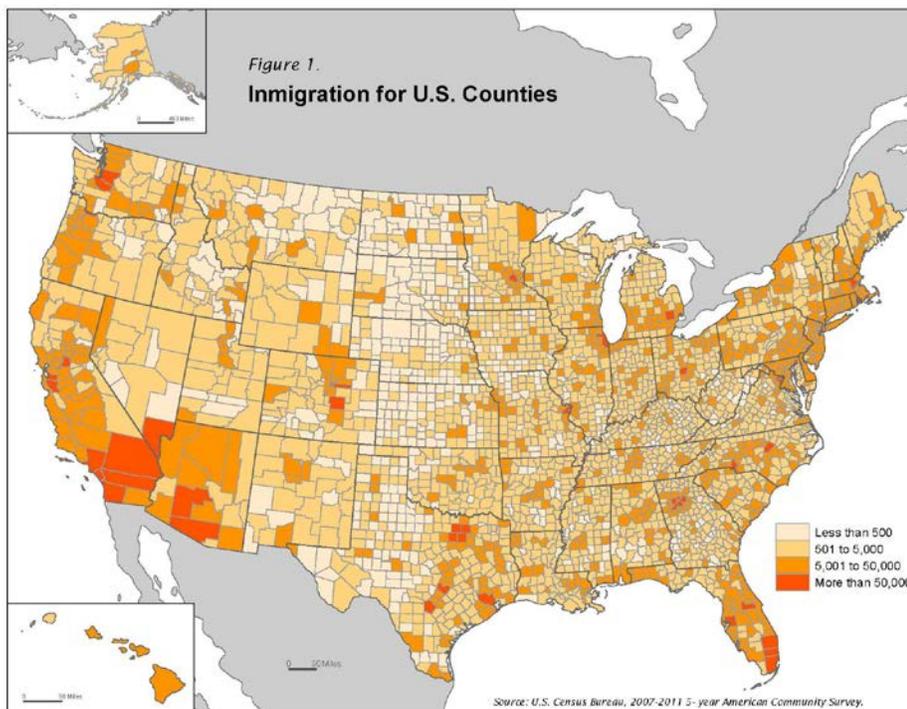
the largest in/outmigration flows and some of the largest net flows are discussed. Finally, flows are then presented by characteristics. Household incomes between \$35,000-49,999 are shown for some of the largest flows. For individual income between \$10,000-14,999 and \$75,000 or more, the largest domestic inflows for destination counties from among the five largest origin counties are presented for both individual income categories. Finally, for educational attainment, the largest domestic outflows are shown for those with a high school degree and for those with a college degree.

## In, Out, and Net Migration by County

### Inmigration

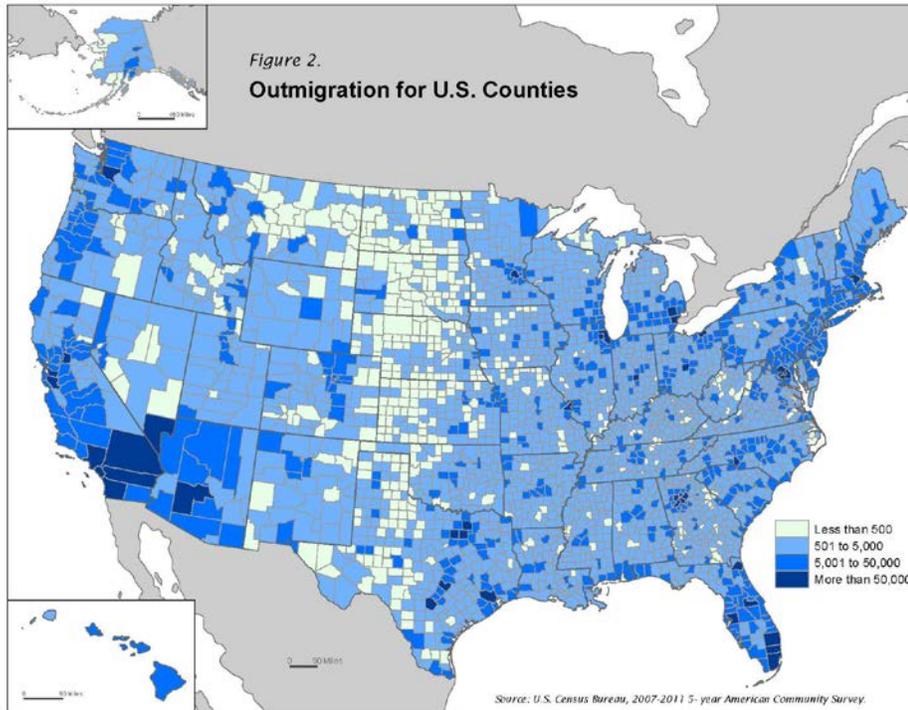
The county-to-county migration table package allows the user to treat all counties as an origin or destination county depending on the user's purposes. By creating an origin or destination file, the user can determine how many movers each county sent or received, independent of which counties the movers went to or came from.

Figure 1 shows a county map by the number of immigrants the county received. The darker the shade of orange, the more new migrants moved to that county. Counties in the southwest had a large numbers of migrants, as well as many counties in Florida, along with the northeastern corridor. Counties in the middle states along the plains saw relatively fewer in-movers.



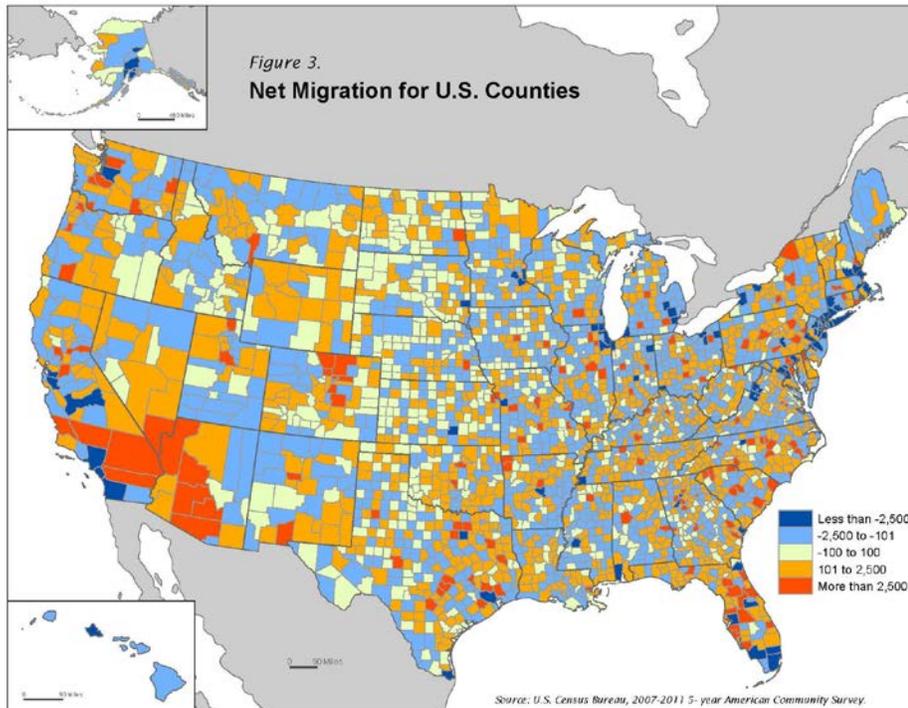
## Outmigration

Figure 2 is a county map displaying outmigrants. Again, we see that the southwest is an area of relatively high amounts of outmigration, as is southern Florida, parts of Texas, and from counties with cities like Chicago, Detroit, and Washington, D.C. Like immigration, this map also shows that the plain states are not experiencing much outmigration either.



## Net migration

Figure 3 is a county map showing net migration. Much like the previous figures, this map displays a large net influx of movers to the southwest, and other areas like Florida and Colorado, as shown in a deep orange color. Counties that experienced a net loss are shaded blue. The dark blue counties are concentrated on the south coast of California, southern Florida, and counties in the New York City metro area.



## County Pairs

### Largest migration flows

In Table 1 below, the states that have historically been highly populated and known to be migration drivers (areas where a lot of migration occurs) are present in this table, e.g. California, Florida, New York, Illinois, and Texas. Counties that contain major cities are also known to be migration hubs. The Los Angeles County, California to San Bernardino County, California, with about 41,764 movers, is among the largest flow. In fact, flows to a county in California are among the top five largest flows, including about 35,209 movers from Asia to Los Angeles County, California.

Other migration patterns are illustrated in this table. Many of the flows appear to be an outmigration from counties that hold major cities into their neighboring counties. Some outmigration is seen from Wayne County (Detroit), Maricopa County (Phoenix), Cook County (Chicago), and Baltimore City. Migrants are moving into neighboring Oakland County, Michigan; Pinal County, Arizona; DuPage County, Illinois; and Baltimore County. However, some major flows are from outside the U.S.

**Table 1. Flows among the top 25 by the largest in/outmigration\***

|    | <b>Origin (out)</b>               | <b>Destination (in)</b>           | <b>Movers</b> | <b>MOE</b> |
|----|-----------------------------------|-----------------------------------|---------------|------------|
| 1  | Los Angeles County, California    | San Bernardino County, California | 41,764        | 2,655      |
| 2  | Los Angeles County, California    | Orange County, California         | 40,794        | 2,393      |
| 3  | Asia                              | Los Angeles County, California    | 35,209        | 2,080      |
| 4  | Orange County, California         | Los Angeles County, California    | 30,986        | 1,888      |
| 5  | Los Angeles County, California    | Riverside County, California      | 27,496        | 2,111      |
| 6  | Miami-Dade County, Florida        | Broward County, Florida           | 24,222        | 2,356      |
| 7  | Wayne County, Michigan            | Oakland County, Michigan          | 23,151        | 1,790      |
| 8  | San Bernardino County, California | Riverside County, California      | 22,485        | 2,304      |
| 9  | Cook County, Illinois             | DuPage County, Illinois           | 21,156        | 1,696      |
| 10 | San Bernardino County, California | Los Angeles County, California    | 21,092        | 1,600      |
| 11 | Orange County, California         | Riverside County, California      | 19,980        | 1,903      |
| 12 | Riverside County, California      | San Bernardino County, California | 19,972        | 2,319      |
| 13 | Maricopa County, Arizona          | Pinal County, Arizona             | 19,947        | 2,454      |
| 14 | Dallas County, Texas              | Tarrant County, Texas             | 19,762        | 1,754      |
| 15 | Fulton County, Georgia            | DeKalb County, Georgia            | 19,036        | 1,776      |
| 16 | Asia                              | San Diego County, California      | 18,657        | 1,576      |
| 17 | Harris County, Texas              | Fort Bend County, Texas           | 18,431        | 2,137      |
| 18 | Kings County, New York            | Queens County, New York           | 18,390        | 1,670      |
| 19 | Central America                   | Los Angeles County, California    | 17,791        | 1,529      |
| 20 | New York County, New York         | Bronx County, New York            | 17,175        | 1,647      |
| 21 | Asia                              | Cook County, Illinois             | 16,900        | 1,596      |
| 22 | Dallas County, Texas              | Collin County, Texas              | 16,748        | 1,256      |
| 23 | Dallas County, Texas              | Denton County, Texas              | 16,589        | 1,681      |
| 24 | Baltimore city, Maryland          | Baltimore County, Maryland        | 16,536        | 1,402      |
| 25 | St. Louis city, Missouri          | St. Louis County, Missouri        | 16,434        | 1,675      |

\* This list shows flows that may not be statistically different from one another.

Source: 2007-2011 American Community Survey 5-Year Estimates

### **Largest net migration flows**

Like Table 1, Table 2 also shows the states and counties that are associated with high rates of net migration. Here we see that Los Angeles County, California had a net loss to four other counties: San Bernardino County, California; Riverside County, California; Orange County, California; and Kern County, California. Here we see a few cases of migration into counties with a major city from neighboring

counties. Because Table 2 shows the net migration flows, we see that there are more movers moving from Wayne County, Michigan into Oakland County, Michigan than the reverse. The same is true for Cook County, Illinois (to DuPage County, Illinois; Lake County, Indiana; and Kane County, Illinois), Washington, D.C. (to Prince George’s County, Maryland), San Francisco County, California (to San Mateo County, California), Dallas County, Texas (to Denton County and Tarrant County, Texas), and Philadelphia County, Pennsylvania (to Montgomery County, Pennsylvania). Table 1 shows that there is some immigration from counties with major cities to neighboring counties, Table 2 indicates that there is still greater movement out of counties with major cities than there is into them. Essentially, there seems to be more movement out of counties with cities and into neighboring counties, a common occurrence.

A complete table of all counties and minor civil divisions<sup>5</sup> (MCDs) paired with each origin/destination county/MCD are found in the table package, sorted both by previous residence and current residence.

**Table 2. Flows among the top 25 by the largest net migration\***

|    | <b>Origin (out)</b>                        | <b>Destination (in)</b>           | <b>Net Movers</b> | <b>MOE</b> |
|----|--|-----------------------------------|-------------------|------------|
| 1  | Los Angeles County, California             | San Bernardino County, California | 20,672            | 2,835      |
| 2  | Los Angeles County, California             | Riverside County, California      | 14,248            | 2,655      |
| 3  | Miami-Dade County, Florida                 | Broward County, Florida           | 12,912            | 2,480      |
| 4  | Wayne County, Michigan                     | Oakland County, Michigan          | 11,908            | 2,188      |
| 5  | Los Angeles County, California             | Orange County, California         | 9,808             | 3,216      |
| 6  | New York County, New York                  | Bronx County, New York            | 9,277             | 1,990      |
| 7  | Cook County, Illinois                      | DuPage County, Illinois           | 8,419             | 2,139      |
| 8  | Kings County, New York                     | Queens County, New York           | 8,042             | 2,123      |
| 9  | Dallas County, Texas                       | Denton County, Texas              | 8,033             | 2,061      |
| 10 | Wayne County, Michigan                     | Macomb County, Michigan           | 7,772             | 1,890      |
| 11 | Orange County, California                  | Riverside County, California      | 7,122             | 2,519      |
| 12 | Los Angeles County, California             | Kern County, California           | 6,638             | 1,620      |
| 13 | Harris County, Texas                       | Montgomery County, Texas          | 6,594             | 2,378      |
| 14 | Fulton County, Georgia                     | DeKalb County, Georgia            | 6,085             | 1,944      |
| 15 | Harris County, Texas                       | Fort Bend County, Texas           | 5,737             | 2,239      |
| 16 | Nassau County, New York                    | Suffolk County, New York          | 5,726             | 1,118      |
| 17 | District of Columbia, District of Columbia | Prince George’s County, Maryland  | 5,691             | 1,401      |
| 18 | Cook County, Illinois                      | Lake County, Indiana              | 5,662             | 1,634      |
| 19 | Alameda County, California                 | Contra Costa County, California   | 5,589             | 1,852      |
| 20 | Baltimore city, Maryland                   | Baltimore County, Maryland        | 5,472             | 2,010      |
| 21 | San Francisco County, California           | San Mateo County, California      | 5,440             | 1,362      |
| 22 | Philadelphia County, Pennsylvania          | Montgomery County, Pennsylvania   | 5,236             | 1,458      |
| 23 | Queens County, New York                    | Nassau County, New York           | 4,935             | 1,590      |
| 24 | Dallas County, Texas                       | Tarrant County, Texas             | 4,829             | 1,954      |
| 25 | Cook County, Illinois                      | Kane County, Illinois             | 4,786             | 1,448      |

\* This list shows flows that may not be statistically different from one another.

Source: 2007-2011 American Community Survey 5-Year Estimates

<sup>5</sup> Estimates for MCDs are only available for Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.

## Characteristics

The 2007-2011 county-to-county migration flows are crossed by three socioeconomic characteristics: household income, individual income, and educational attainment. The categories for these characteristics are:

**Table 3. Characteristics and categories**

| Household income       | Individual income    | Educational attainment                      |
|------------------------|----------------------|---|
| Less than \$10,000     | No income            | Less than high school graduate              |
| \$10,000 to \$14,999   | \$1 to \$9,999       | High school graduate (includes equivalency) |
| \$15,000 to \$24,999   | \$10,000 to \$14,999 | Some college or associate's degree          |
| \$25,000 to \$34,999   | \$15,000 to \$24,999 | Bachelor's degree                           |
| \$35,000 to \$49,999   | \$25,000 to \$34,999 | Graduate or professional degree             |
| \$50,000 to \$74,999   | \$35,000 to \$49,999 |   |
| \$75,000 to \$99,999   | \$50,000 to \$64,999 |   |
| \$100,000 to \$149,999 | \$65,000 to \$74,999 |   |
| \$150,000 or more      | \$75,000 or more     |   |

The tables presented below showcase these flows using selected categories of the characteristics. Table 4 presents *origin* counties that are among the five largest flows with a household income between \$35,000 and 49,999 per year, along with that flow the other large destination counties are shown. Large counties in California, Florida, and Texas that appear in previous tables are shown again as origins. The destinations for each county show that migrants seem to stay in the same state, as many of these flows are between neighboring counties. The flow from Los Angeles County, California to Clark County, Nevada is the only flow on this list that does not follow this pattern, though the counties are relatively close to one another.

Like Table 4, five *destination* counties that are among the largest flows for those with an individual income between \$10,000 and 14,999 per year are shown in Table 5. Data in these tables includes movers from abroad, which is why regions like Asia and Central America appear. For movers into Orange County, San Bernardino County, Los Angeles County, and Riverside County California, many come from neighboring counties, but these surrounding counties also received a large number of movers from Asia. Los Angeles County, California was the only county among the top destination counties that had movers from Central America. St. Louis County, Missouri received lower income movers from Missouri and Illinois. As this is the first time movers from abroad are found in this paper, it is important to note that the table package and this paper include movers from abroad (including Puerto Rico) while the Census Flows Mapper does not (see footnote 3).

Table 6 presents five destination counties for those with an individual income of \$75,000 or more. In this table, we see counties in California and New York among the largest destinations and origins. The destination counties in this table show in-migrants came from surrounding counties, but Asia appears in this table again as a region of origin for each county except for Contra Costa County, California. Furthermore, Europe also appears in this table as a region of origin for migrants who moved to Kings

County, New York; New York County, New York; and Los Angeles County, California. Europe is the largest origin for migrants moving into New York County, New York among those in the higher income category.

Table 7 presents the flows among the five largest origins for movers with a high school degree. Again, counties in California and Florida are among the five largest origins for movers with a high school degree, but Asia and the Caribbean are also large origins as well. Migrants with a high school degree from Asia are likely to move to Los Angeles County, San Diego County, and Santa Clara County in California; Queens County, New York; and Cook County, Illinois. Movers from the Caribbean tend to be more geographically concentrated compared to movers from Asia, as they moved to counties in Florida and New York like Miami-Dade, Broward, and Palm Beach counties in Florida, and Bronx and Kings Counties in New York.

Origins are presented in Table 8 for movers with a bachelor's degree. Asia, as a region, was among the largest origins for movers with a college degree with Los Angeles, Santa Clara, and Orange counties in California; Cook County, Illinois; and King County, Washington were among the largest destinations. Perhaps because these movers have higher levels of education, this may explain why some longer-distance moves appear in this table.<sup>6</sup> Some movers left Orange County, California for Seminole County, Florida. Los Angeles County, California gained some movers from New York County, New York and Cook County, Illinois.

## Conclusion

The release of the 2007-2011 county-to-county flows is the third release using the 5-Year ACS Estimates. The flows are crossed by new characteristics: household income, individual income, and educational attainment. This paper provided a brief look at broad in, out, and net migration patterns using the table package at the county level. At the flows level, some of the largest in/out and net flows were discussed. Finally, using the characteristics, counties among the top origins and destinations were presented.

Generally, the in, out, and net migration patterns found that large migration hubs like the southwest, particularly California, and the northeastern corridor had the most migration activity. However, most of the migration was between neighboring counties. The same was found across characteristics, as most flows were in close proximity. Splitting the data by characteristics and analyzing particular categories allowed flows to emerge that may have gone unnoticed otherwise. The movement of high school graduates from Asia or the Caribbean to traditional immigrant hubs is one example.

The Journey-to-Work and Migration Statistics Branch will continue to release county-to-county flows on an annual basis using newer 5-Year ACS Estimates. Each year will provide a new set of characteristics for the flows, until the 2011-2015 dataset, when the cycle of characteristics will begin again with age, sex, race, and Hispanic origin.

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<sup>6</sup> See Franklin, 2003: <http://www.census.gov/prod/2003pubs/censr-12.pdf> and Ihrke, Faber, and Koerber, 2011: <http://www.census.gov/prod/2011pubs/p20-565.pdf>

## Household income, outmigration

**Table 4. Flows among the five largest origins for movers with a household income of \$35,000-49,999\***

|                                       | Movers | MOE   |
|---------------------------------------|--------|-------|
| From: Los Angeles County, California  |        |       |
| To: San Bernardino County, California | 5,133  | 1,023 |
| Orange County, California             | 3,973  | 832   |
| Riverside County, California          | 3,327  | 906   |
| Clark County, Nevada                  | 2,185  | 714   |
| Maricopa County, Arizona              | 1,396  | 728   |
| From: Miami-Dade County, Florida      |        |       |
| To: Broward County, Florida           | 4,658  | 1,119 |
| Orange County, Florida                | 603    | 403   |
| Palm Beach County, Florida            | 399    | 179   |
| Monroe County, Florida                | 250    | 254   |
| Lee County, Florida                   | 233    | 212   |
| From: Wayne County, Michigan          |        |       |
| To: Oakland County, Michigan          | 3,578  | 775   |
| Macomb County, Michigan               | 1,696  | 676   |
| Washtenaw County, Michigan            | 897    | 518   |
| Alameda County, Michigan              | 169    | 208   |
| St. Clair County, Michigan            | 128    | 78    |
| From: Dallas County, Texas            |        |       |
| To: Tarrant County, Texas             | 3,438  | 912   |
| Denton County, Texas                  | 2,213  | 647   |
| Collin County, Texas                  | 1,561  | 356   |
| Harris County, Texas                  | 635    | 488   |
| Kaufman County, Texas                 | 609    | 319   |
| From: Riverside County, California    |        |       |
| To: San Bernardino County, California | 2,763  | 946   |
| Los Angeles County, California        | 1,545  | 653   |
| Orange County, California             | 1,393  | 463   |
| San Diego County, California          | 968    | 347   |
| Maricopa County, Arizona              | 911    | 591   |

\*This list shows flows that may not be statistically different from one another.

Source: 2007-2011 American Community Survey 5-Year Estimates

## Individual income, immigration

**Table 5. Flows among the five largest destinations for movers with an individual income of \$10,000-14,999\***

|                                       | <b>Movers</b> | <b>MOE</b> |
|---------------------------------------|---------------|------------|
| To: Orange County, California         |               |            |
| From: Los Angeles County, California  | 2,549         | 391        |
| Riverside County, California          | 1,132         | 348        |
| Seminole County, California           | 980           | 270        |
| Asia                                  | 719           | 219        |
| Miami-Dade County, Florida            | 443           | 188        |
| To: San Bernardino County, California |               |            |
| From: Los Angeles County, California  | 2,437         | 396        |
| Riverside County, California          | 1,138         | 283        |
| Orange County, California             | 497           | 182        |
| San Diego County, California          | 236           | 119        |
| Asia                                  | 199           | 168        |
| To: Los Angeles County, California    |               |            |
| From: Orange County, California       | 2,196         | 373        |
| San Bernardino County, California     | 1,967         | 388        |
| Central America                       | 1,634         | 293        |
| Asia                                  | 1,595         | 263        |
| Riverside County, California          | 1,062         | 256        |
| To: Riverside County, California      |               |            |
| From: Los Angeles County, California  | 2,003         | 364        |
| San Bernardino County, California     | 1,732         | 330        |
| Orange County, California             | 1,153         | 339        |
| San Diego County, California          | 797           | 255        |
| Asia                                  | 229           | 97         |
| To: St. Louis County, Missouri        |               |            |
| From: St. Louis city, Missouri        | 1,652         | 349        |
| St. Charles County, Missouri          | 496           | 196        |
| Jefferson County, Missouri            | 235           | 96         |
| St. Clair County, Illinois            | 148           | 112        |
| Madison County, Illinois              | 133           | 90         |

\*This list shows flows that may not be statistically different from one another.

Source: 2007-2011 American Community Survey 5-Year Estimates

**Table 6. Flows among the five largest destinations for movers with an individual income of \$75,000 or more\***

|  | <b>Movers</b> | <b>MOE</b> |
|--|---------------|------------|
| <b>To: Orange County, California</b>       |               |            |
| From: Los Angeles County, California       | 4,483         | 568        |
| Riverside County, California               | 1,156         | 279        |
| Asia                                       | 989           | 270        |
| San Diego County, California               | 606           | 197        |
| San Bernardino County, California          | 575           | 206        |
| <b>To: Kings County, New York</b>          |               |            |
| From: New York County, New York            | 3,448         | 530        |
| Queens County, New York                    | 641           | 230        |
| Asia                                       | 290           | 128        |
| Europe                                     | 239           | 110        |
| Richmond County, New York                  | 169           | 93         |
| <b>To: New York County, New York</b>       |               |            |
| From: Europe                               | 3,098         | 541        |
| Kings County, New York                     | 2,036         | 414        |
| Queens County, New York                    | 1,270         | 316        |
| Hudson County, New York                    | 1,265         | 277        |
| Asia                                       | 949           | 228        |
| <b>To: Los Angeles County, California</b>  |               |            |
| From: Orange County, California            | 2,903         | 400        |
| Asia                                       | 1,705         | 296        |
| New York County, New York                  | 1,043         | 286        |
| San Bernardino County, California          | 955           | 229        |
| Europe                                     | 946           | 231        |
| <b>To: Contra Costa County, California</b> |               |            |
| From: Alameda County, California           | 2,644         | 484        |
| San Francisco County, California           | 841           | 273        |
| San Mateo County, California               | 413           | 157        |
| Santa Clara County, California             | 386           | 116        |
| Solano County, California                  | 349           | 176        |

\*This list shows flows that may not be statistically different from one another.

Source: 2007-2011 American Community Survey 5-Year Estimates

## Educational attainment, outmigration

**Table 7. Flows among the five largest origins for movers with a high school degree\***

|   | <b>Movers</b> | <b>MOE</b> |
|---|---------------|------------|
| From: Los Angeles County, California    |               |            |
| To: San Bernardino County, California   | 5,938         | 777        |
| Riverside County, California            | 4,426         | 619        |
| Orange County, California               | 3,913         | 484        |
| Clark County, Nevada                    | 1,951         | 395        |
| Kern County, California                 | 1,880         | 386        |
| From: Asia                              |               |            |
| To: Los Angeles County, California      | 3,908         | 564        |
| San Diego County, California            | 1,785         | 348        |
| Queens County, New York                 | 1,535         | 430        |
| Cook County, Illinois                   | 1,333         | 320        |
| Santa Clara County, California          | 1,302         | 310        |
| From: Caribbean                         |               |            |
| To: Miami-Dade County, Florida          | 3,875         | 747        |
| Broward County, Florida                 | 957           | 335        |
| Palm Beach County, Florida              | 881           | 385        |
| Bronx County, New York                  | 853           | 203        |
| Kings County, New York                  | 499           | 147        |
| From: Miami-Dade County, Florida        |               |            |
| To: Broward County, Florida             | 3,853         | 657        |
| Lee County, Florida                     | 997           | 522        |
| Palm Beach County, Florida              | 563           | 209        |
| Hillsborough County, Florida            | 479           | 253        |
| St. Lucie County, Florida               | 435           | 237        |
| From: San Bernardino County, California |               |            |
| To: Riverside County, California        | 3,670         | 538        |
| Los Angeles County, California          | 3,185         | 466        |
| Orange County, California               | 729           | 224        |
| Kern County, California                 | 510           | 128        |
| Clark County, Nevada                    | 449           | 159        |

\*This list shows flows that may not be statistically different from one another.

Source: 2007-2011 American Community Survey 5-Year Estimates

**Table 8. Flows among the five largest origins for movers with a bachelor's degree\***

|                                      | <b>Movers</b> | <b>MOE</b> |
|--------------------------------------|---------------|------------|
| From: Asia                           |               |            |
| To: Los Angeles County, California   | 8,228         | 782        |
| Santa Clara County, California       | 4,535         | 584        |
| Cook County, Illinois                | 4,439         | 626        |
| Orange County, California            | 3,478         | 530        |
| King County, Washington              | 3,452         | 546        |
| From: Los Angeles County, California |               |            |
| To: Orange County, California        | 7,310         | 734        |
| Riverside County, California         | 3,044         | 527        |
| San Bernardino County, California    | 2,560         | 506        |
| Ventura County, California           | 2,018         | 301        |
| San Diego County, California         | 1,838         | 360        |
| From: Orange County, California      |               |            |
| To: Los Angeles County, California   | 5,726         | 561        |
| Riverside County, California         | 2,258         | 428        |
| Seminole County, Florida             | 1,458         | 306        |
| San Diego County, California         | 891           | 219        |
| San Bernardino County, California    | 728           | 226        |
| From: New York County, New York      |               |            |
| To: Kings County, New York           | 4,848         | 562        |
| Queens County, New York              | 2,025         | 352        |
| Los Angeles County, California       | 1,491         | 337        |
| Hudson County, New York              | 1,417         | 273        |
| Westchester County, New York         | 1,145         | 289        |
| From: Cook County, Illinois          |               |            |
| To: DuPage County, Illinois          | 3,827         | 471        |
| Lake County, Illinois                | 2,273         | 375        |
| Will County, Illinois                | 1,415         | 345        |
| Los Angeles County, California       | 1,274         | 315        |
| Kane County, Illinois                | 900           | 235        |

\*This list shows flows that may not be statistically different from one another.

Source: 2007-2011 American Community Survey 5-Year Estimates