

Riverside Out of County Commuters:  
US Census Data Summary



September 13, 2021

## EXECUTIVE SUMMARY

Using US Census data the following patterns have been observed for Riverside county resident workers commuting out of county for their primary job

1. The out of County commute is primarily a western and southeastern county phenomenon as these areas of the county have the highest percentage of their resident workers leaving the county.
2. The primary recipient of our commuters are the neighboring Southern California counties of Los Angeles, San Diego, Orange and San Bernardino.
3. There may be some evidence for inbound migration from these counties fueling some of the commute concentration in the western and southeastern county
4. Out of county commuters are primarily made up of workers aged 30 to 54 in the "All Other Services" Industry class making higher wage (above \$3,333 per month or approximately \$20.83 per hour or more).
5. Research into sources of data on more specific industry classes is necessary for more exact targeting of commuters.

The US Census is the primary source for commute data for this report. A specialized data source Known as LEHD Origin-Destination Employment Statistics (LODES). Data files are state-based and organized into three types: Origin-Destination (OD), Residence Area Characteristics (RAC), and Workplace Area Characteristics (WAC), all at census block geographic detail. Data is available for most states for the years 2002–2018

Looking at 2018 Data for Riverside County residents Work Destination Report - Where Workers are Employed Who Live in the Riverside County gives us the following data:

Total Primary Jobs in 2018 were 860,043. These ae Riverside County residents and represents the employed workforce 100% count. The Table below shows the top 10 counties where Riverside workers are employed. These counties cover 96.4% of county workers.

**2018 Job Counts Top 10 Counties Where Riverside County Workers are Employed - Primary Jobs**

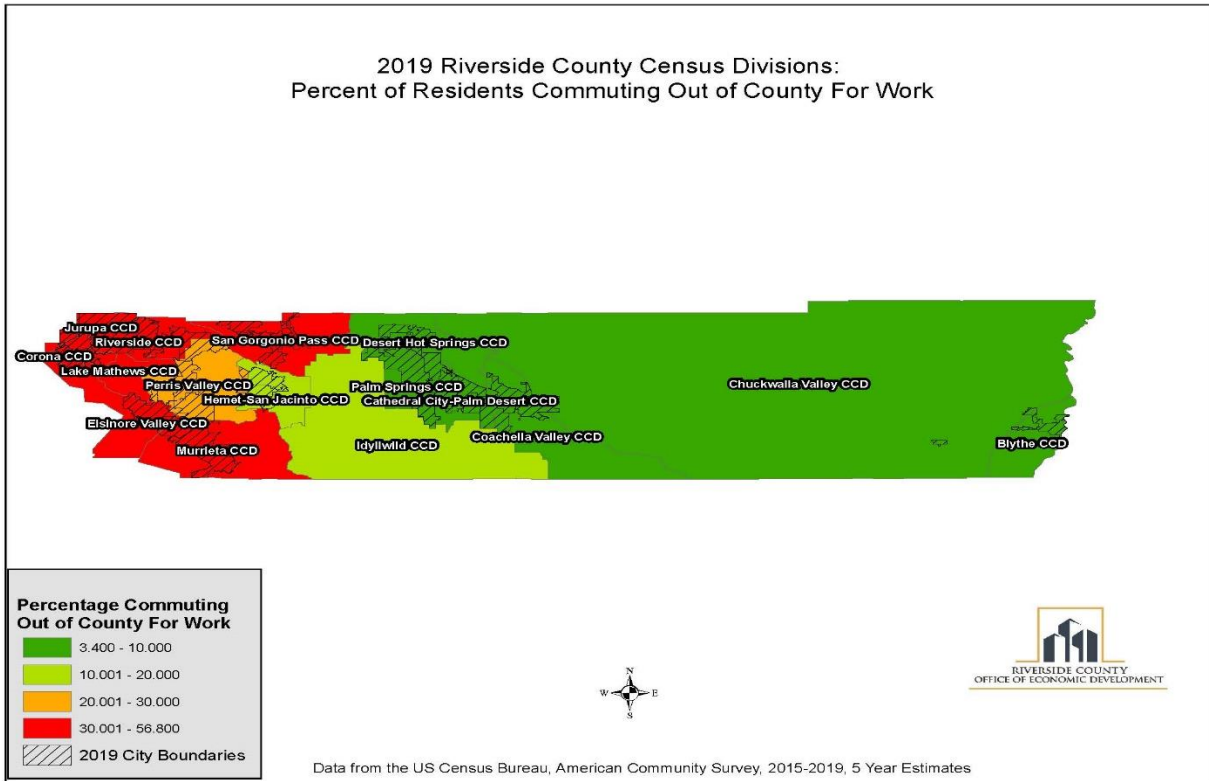
County of Employment	Job Count	Share of County employed
Riverside	409,610	47.6%
San Bernardino	121,759	14.2%
Los Angeles	111,373	12.9%
Orange	107,936	12.6%
San Diego	60,137	7.0%
Ventura	5,088	0.6%
Kern	3,493	0.4%
Imperial	3,407	0.4%
Alameda	3,313	0.4%
Santa Clara	3,033	0.4%
All other locations	30,894	3.6%

**A total of 61.8% of county workers are employed in the Inland Empire. Another 32.9% are employed in the immediately adjacent counties of Los Angeles, Orange, San Diego and Imperial.**

Using 2019 American Community Survey data gives the map on the following page which shows the percent of workers living in the County Census Division that are employed out of county. This data shows us that the out of county commute is a primarily western county phenomenon. The data table following shows that **the Jurupa CCD (roughly corresponding to County Supervisor district 2 has the highest percentage of out of county commuters with 56.8% of working residents working out of county. The remainder of the top five are as follows the Corona County Census Division with 45.8%, Norco CCD with 44.3%, Elsinore Valley with 36.5%, Lake Matthews with 33.6% and Murrieta with 32.3%.**

In terms of mean travel time to work (minutes) the top five CCD’s are: Elsinore Valley 43.9, Perris Valley 40.5, Lake Matthews 39.9, Murrieta 38.0 and Norco 37.1. Only Perris Valley was not in the top 5 for out of county commuters.

Looking at the image from EMSI on page 3 the right column showing inbound migration counties could provide some evidence for inbound migration from neighboring western and southern counties adding to the commute totals.

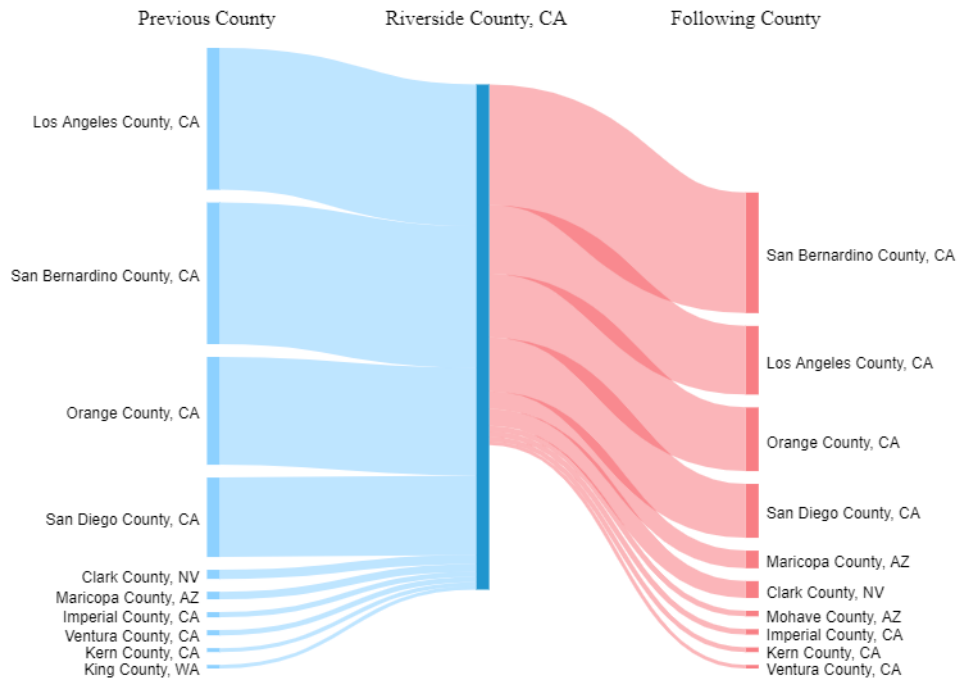


**Percent of County Census Division (CCD) Residents working out of county.**

County Census Division	Percent of employed working out of county	Mean Travel time to work (minutes)
Blythe	3.5	17.8
Cathedral City	6.6	21.2
Chuckawalla Valley	4.1	19.5
Coachella Valley	3.4	22.4
Corona	45.8	36.9
Desert Hot Springs	6.5	26.4
Elsinore Valley	36.5	43.9
Hemet San Jacinto	16.5	36.1
Idyllwild	15.2	37.0
Jurupa	56.8	36.6
Lake Matthews	33.6	39.9
Murrieta	32.3	38.0
Norco	44.3	37.1
Palm Springs	7.7	21.8
Perris Valley	28.1	40.5
Riverside	30.4	32.1
San Gorgonio	38.2	32.1

The table below analyzes past and current residents of Riverside County, CA. The left column shows residents of other counties migrating to Riverside County, CA. The right column shows residents migrating from Riverside County, CA to other counties.

As of 2019, 20,396 people have migrated from Los Angeles County, CA to Riverside County, CA. In the same year, 17,343 people left Riverside County, CA migrating to San Bernardino County, CA. The total Net Migration for Riverside County, CA in 2018 was 12,106.



Top Previous Counties	Migrations
Los Angeles County, CA	20,396
San Bernardino County, CA	20,361
Orange County, CA	15,508
San Diego County, CA	11,429
Clark County, NV	1,304
Maricopa County, AZ	1,087
Imperial County, CA	750
Ventura County, CA	746
Kern County, CA	568
King County, WA	513
Santa Clara County, CA	511
Alameda County, CA	497
Sacramento County, CA	445
Honolulu County, HI	423
Contra Costa County, CA	409
San Francisco County, CA	289
Cook County, IL	262

Top Following Counties	Migrations
San Bernardino County, CA	17,343
Los Angeles County, CA	9,876
Orange County, CA	9,164
San Diego County, CA	7,750
Maricopa County, AZ	2,535
Clark County, NV	2,432
Mohave County, AZ	796
Imperial County, CA	780
Kern County, CA	678
Ventura County, CA	509
Ada County, ID	455
King County, WA	452
Harris County, TX	422
Tarrant County, TX	420
Santa Clara County, CA	415
Yavapai County, AZ	403
Sacramento County, CA	394

In terms of personal characteristics of these commuters. LODS data provides us with the following table. The largest group in each factor is highlighted.

**2018 Outflow Jobs Characteristics  
External Jobs Filled by Residents**

Description	County	Share
<b>External Jobs Filled by Residents</b>	<b>404,681</b>	<b>100%</b>
<b>Workers Age</b>		
Workers Aged 29 or younger	100,346	24.8%
Workers aged 30 to 54	218,589	54.0%
Workers Aged 55 or older	85,746	21.2%
<b>Workers Earnings</b>		
Workers earning \$1,250 per month or less	66,369	16.4%
Workers Earning \$1,251 to \$3,333 per month	145,917	36.1%
Workers earning more than \$3,333 per month	192,395	47.5%
<b>Industry Class (definitions in attachments)</b>		
Workers in the "Goods Producing" Industry Class	82,010	20.3%
Workers in the "Trade, Transportation and Utilities" Industry Class	111,529	27.6%
Workers in the "All other Services" Industry class	211,142	52.2%

Interestingly the largest proportions of workers aged 30 to 54, Earning more than \$3,333 per month and works in the "All Other Services" industry class are fairly similar to those characteristics in the Inflow job characteristics i.e., those coming from out of county. Respectively they are 50.8% for 30to 54, 39.4% earning more than \$3,333 pr month and "All other Services" Industry class 46.3%. These are also the largest groups for the Inflow.

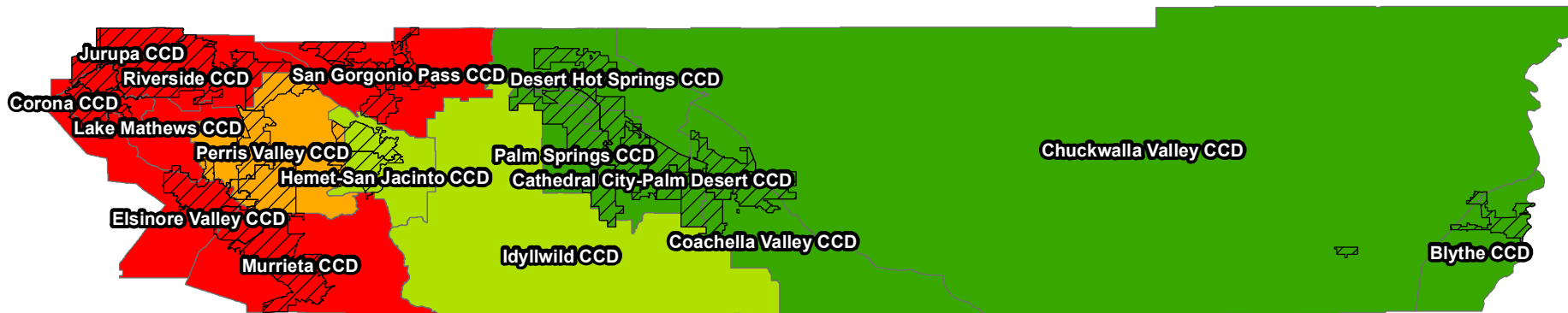
The pattern holds for the interior flow job as well i.e. those jobs within the county filled by residents largest groups are aged 30 to54 or51.3%and "All Other Services" Industry class is 56.3%. The only difference is that the workers income largest group is one tier down in the internal flow jobs. Largest income group is Workers earning \$1,251 to \$3,333 per month 44.8%.

This seems to support a view of cross county commuters being in their prime career life and making higher wage than in their county of residence. Both for those coming into the county and those leaving.

There currently is no source of data that will allow a further delineation beyond these rather general point but that is being researched and when that I found further conclusions can be made.

Attachments:

# 2019 Riverside County Census Divisions: Percent of Residents Commuting Out of County For Work



**Percentage Commuting Out of County For Work**

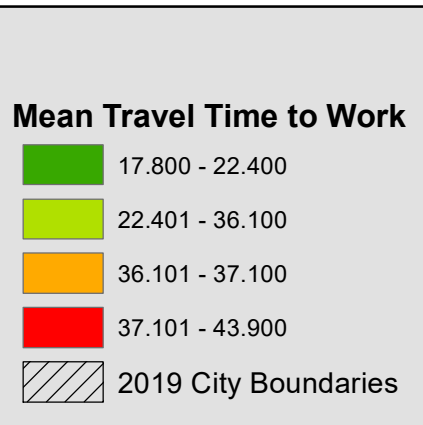
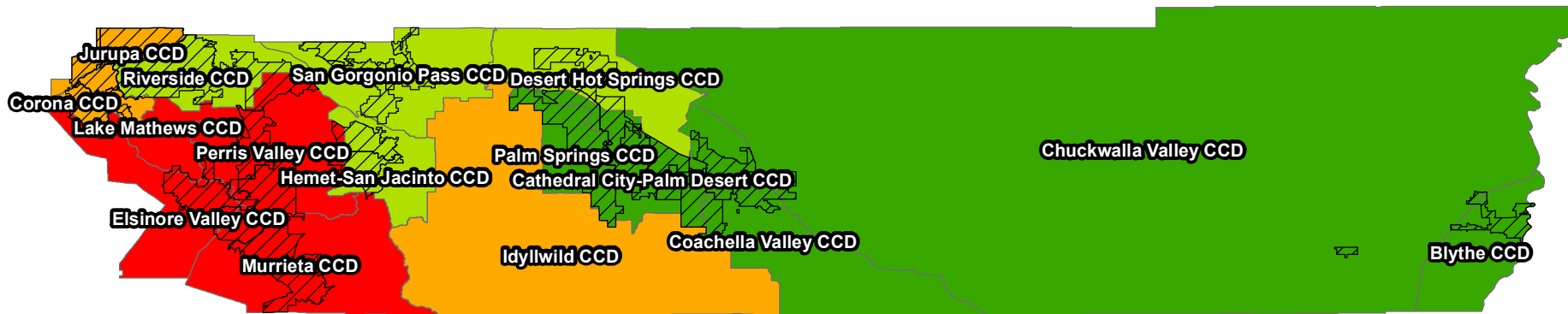
- 3.400 - 10.000
- 10.001 - 20.000
- 20.001 - 30.000
- 30.001 - 56.800
- 2019 City Boundaries



Data from the US Census Bureau, American Community Survey, 2015-2019, 5 Year Estimates



# 2019 Riverside County Census Divisions: Mean Travel Time to Work



Data from the US Census Bureau, American Community Survey, 2015-2019, 5 Year Estimates

# Inflow/Outflow Report

## Selection Area Labor Market Size (Private Primary Jobs)

	2018	
	Count	Share
Employed in the Selection Area	548,471	100.0%
Living in the Selection Area	720,288	131.3%
Net Job Inflow (+) or Outflow (-)	-171,817	-

## In-Area Labor Force Efficiency (Private Primary Jobs)

	2018	
	Count	Share
Living in the Selection Area	720,288	100.0%
Living and Employed in the Selection Area	315,607	43.8%
Living in the Selection Area but Employed Outside	404,681	56.2%

## In-Area Employment Efficiency (Private Primary Jobs)

	2018	
	Count	Share
Employed in the Selection Area	548,471	100.0%
Employed and Living in the Selection Area	315,607	57.5%
Employed in the Selection Area but Living Outside	232,864	42.5%

## Outflow Job Characteristics (Private Primary Jobs)

	2018	
	Count	Share
External Jobs Filled by Residents	404,681	100.0%
Workers Aged 29 or younger	100,346	24.8%
Workers Aged 30 to 54	218,589	54.0%
Workers Aged 55 or older	85,746	21.2%
Workers Earning \$1,250 per month or less	66,369	16.4%
Workers Earning \$1,251 to \$3,333 per month	145,917	36.1%
Workers Earning More than \$3,333 per month	192,395	47.5%
Workers in the "Goods Producing" Industry Class	82,010	20.3%
Workers in the "Trade, Transportation, and Utilities" Industry Class	111,529	27.6%
Workers in the "All Other Services" Industry Class	211,142	52.2%

## Inflow Job Characteristics (Private Primary Jobs)

	2018	
	Count	Share
Internal Jobs Filled by Outside Workers	232,864	100.0%
Workers Aged 29 or younger	67,536	29.0%
Workers Aged 30 to 54	118,411	50.8%
Workers Aged 55 or older	46,917	20.1%
Workers Earning \$1,250 per month or less	45,077	19.4%

## **Inflow Job Characteristics (Private Primary Jobs)**

	2018	
	Count	Share
Workers Earning \$1,251 to \$3,333 per month	96,119	41.3%
Workers Earning More than \$3,333 per month	91,668	39.4%
Workers in the "Goods Producing" Industry Class	48,578	20.9%
Workers in the "Trade, Transportation, and Utilities" Industry Class	76,578	32.9%
Workers in the "All Other Services" Industry Class	107,708	46.3%

## **Interior Flow Job Characteristics (Private Primary Jobs)**

	2018	
	Count	Share
Internal Jobs Filled by Residents	315,607	100.0%
Workers Aged 29 or younger	84,263	26.7%
Workers Aged 30 to 54	161,996	51.3%
Workers Aged 55 or older	69,348	22.0%
Workers Earning \$1,250 per month or less	65,389	20.7%
Workers Earning \$1,251 to \$3,333 per month	141,375	44.8%
Workers Earning More than \$3,333 per month	108,843	34.5%
Workers in the "Goods Producing" Industry Class	66,708	21.1%

**Interior Flow Job Characteristics**  
**(Private Primary Jobs)**

2018

	Count	Share
Workers in the "Trade, Transportation, and Utilities" Industry Class	71,110	22.5%
Workers in the "All Other Services" Industry Class	177,789	56.3%

## Report Settings

<b>Analysis Type</b>	Inflow/Outflow
<b>Selection area as</b>	N/A
<b>Year(s)</b>	2018
<b>Job Type</b>	Private Primary Jobs
<b>Selection Area</b>	Riverside County, CA from Counties
<b>Selected Census Blocks</b>	35,717
<b>Analysis Generation Date</b>	09/07/2021 16:53 - OnTheMap 6.8
<b>Code Revision</b>	5dc8e60ec2609d78ebfa7d4b188db13aacbb1ba6
<b>LODES Data Version</b>	20201117_1559

Source: U.S. Census Bureau, OnTheMap Application and LEHD Origin-Destination Employment Statistics (Beginning of Quarter Employment, 2nd Quarter of 2002-2018).

Notes:

1. Race, Ethnicity, Educational Attainment, and Sex statistics are beta release results and are not available before 2009.
2. Educational Attainment is only produced for workers aged 30 and over.
3. Firm Age and Firm Size statistics are beta release results for All Private jobs and are not available before 2011 and in 2018.