

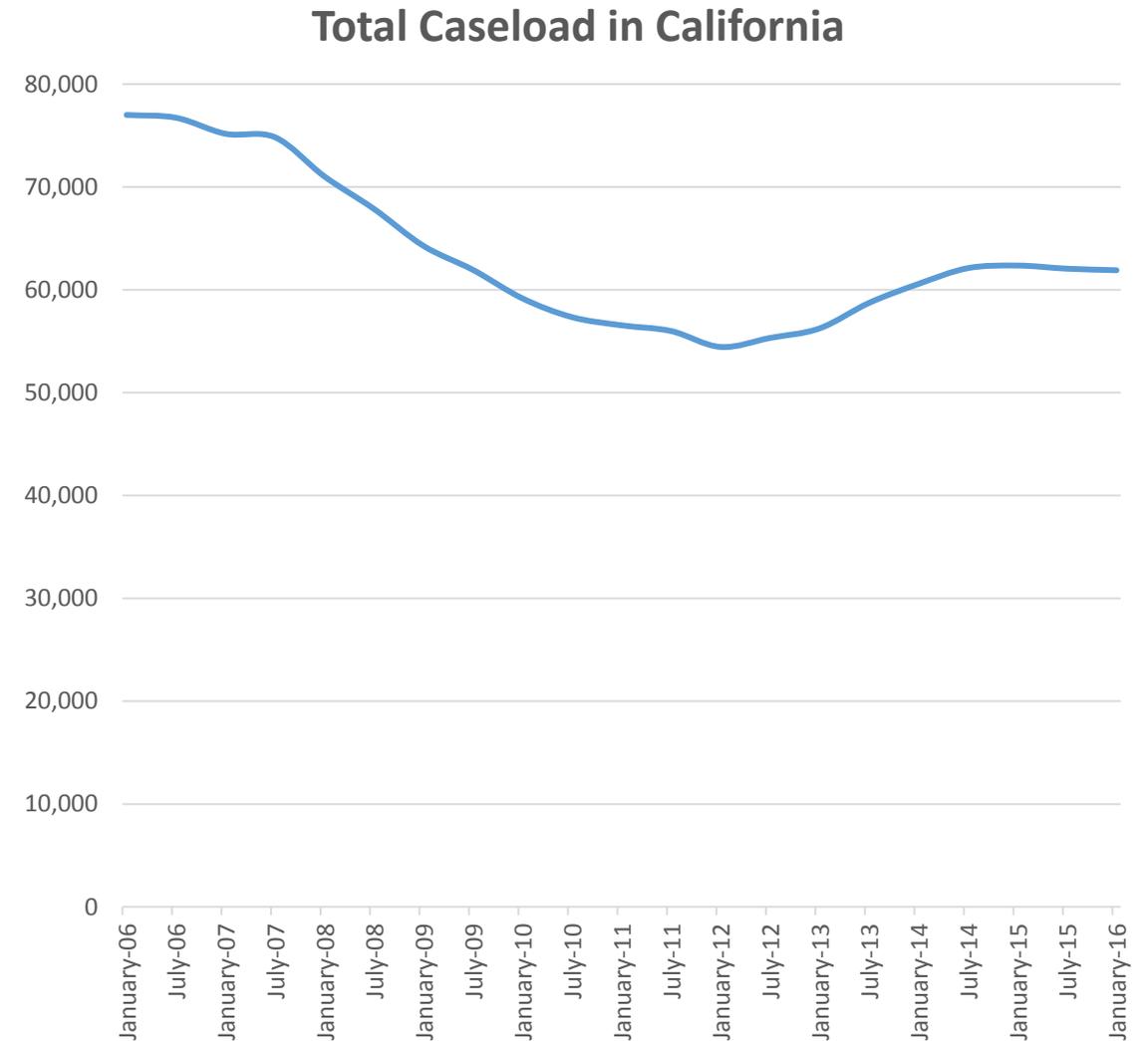
# County to County Flow of Youth Involved in Child Welfare in the Bay Area 2012 to 2016

# Trauma Transformed: County to County Population Flow Analysis

## Changes in California Total Caseload

Trends in total caseload in the California decreased significantly from 2006 to 2012.

Since 2012, however, caseloads statewide have increased slightly, although recent years have a flat trend.



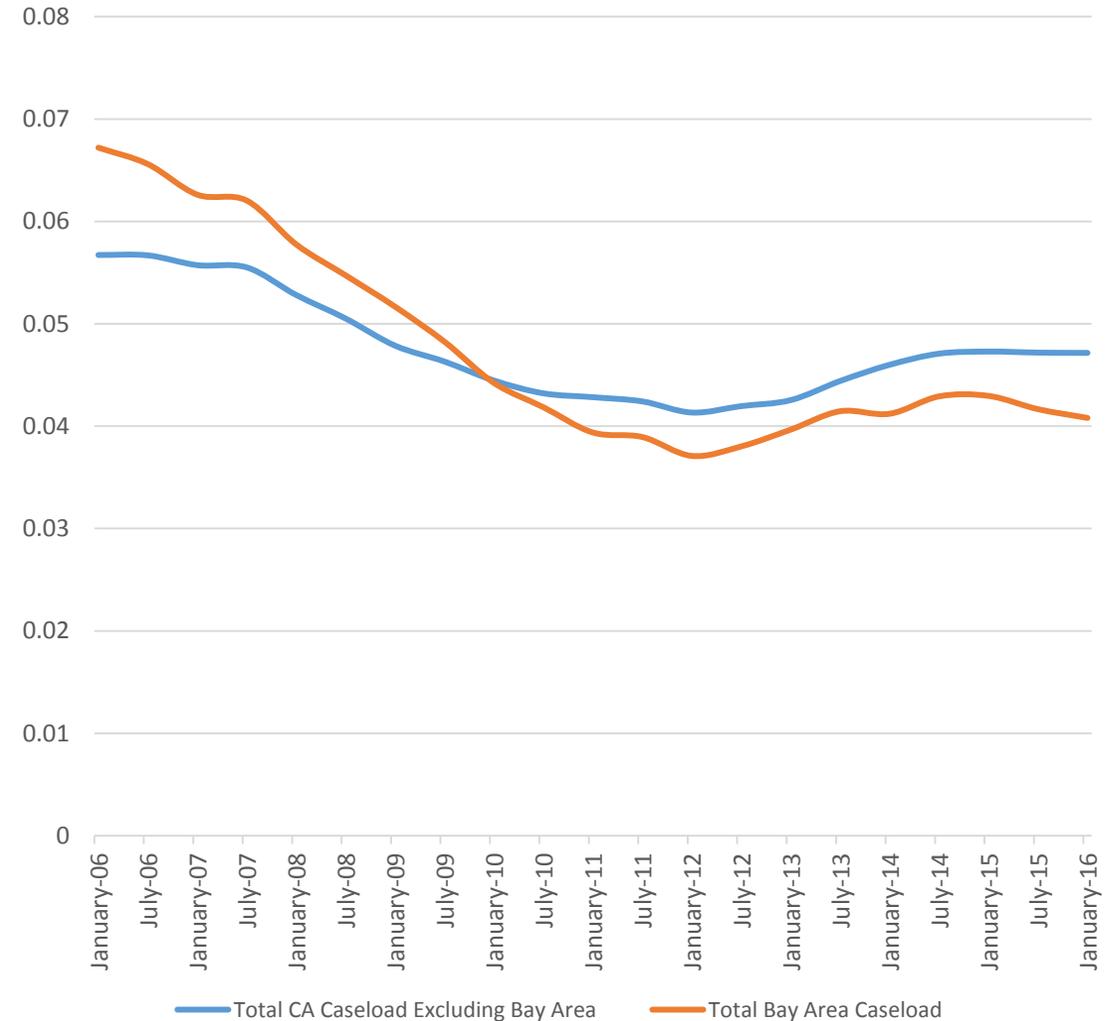
# Trauma Transformed: County to County Population Flow Analysis

## Changes in Total Caseload

When the Bay Area counties are broken out separately from the rest of the state their basic trend appears different than the rest of the state, much flatter and more stable.

However, when you control for the size of these two areas, you see that in the Bay Area caseloads decreased faster from 2006 to 2012 and have increased more slowly since 2012.

### Total Caseload in California



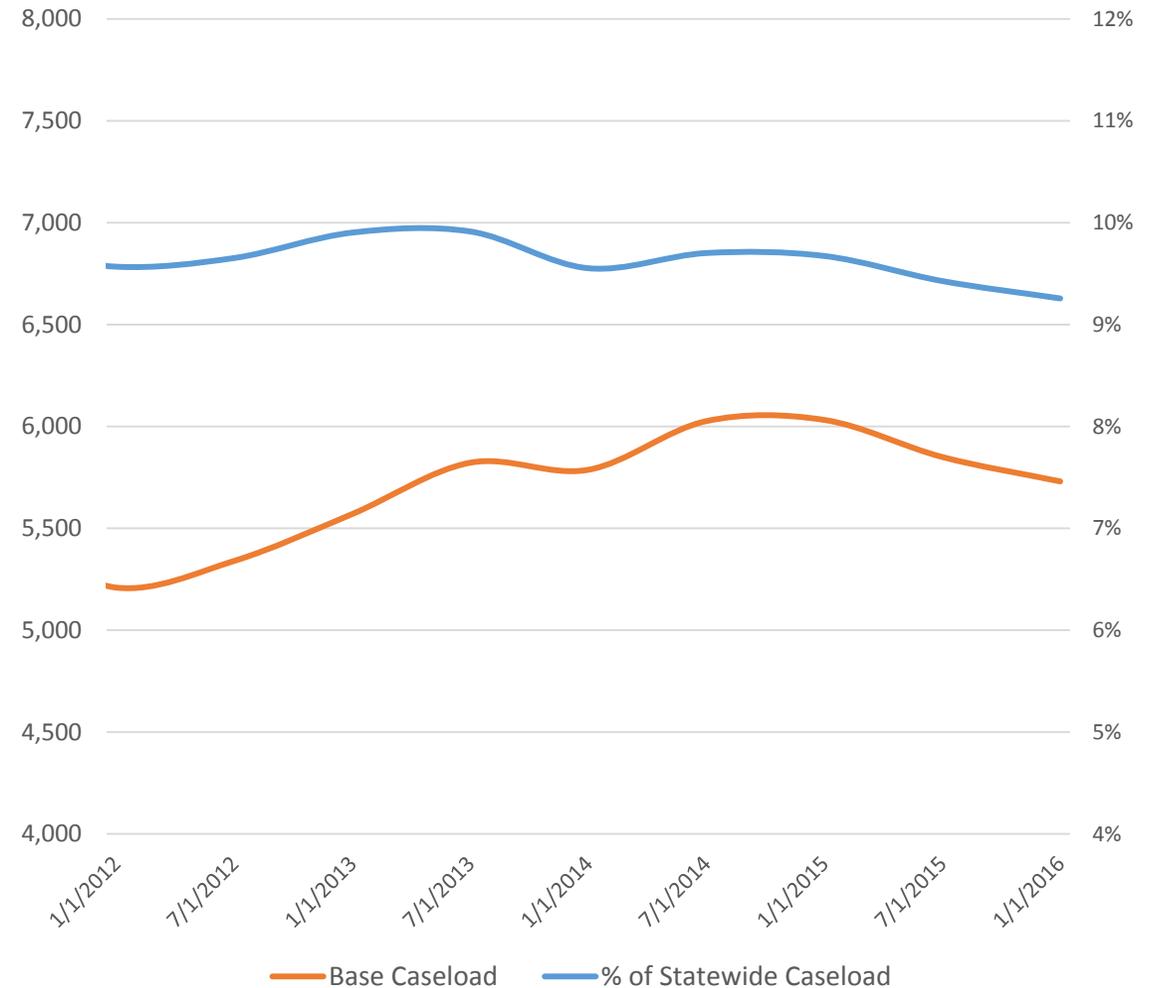
# Trauma Transformed: County to County Population Flow Analysis

## Changes in Total Caseload

Trends in total Bay Area caseload seem to have significantly changed direction in 2012. Prior to that time total caseloads were decreasing, since that time caseloads have begun to moderately increase.

Given that significant change in total caseload trend it seemed that looking at change over the last four years of data (2012 to 2016) would provide the most relevant insights.

Change in Total Child Welfare Caseload for the Bay Area:  
2012 to 2016



# Trauma Transformed: County to County Population Flow Analysis

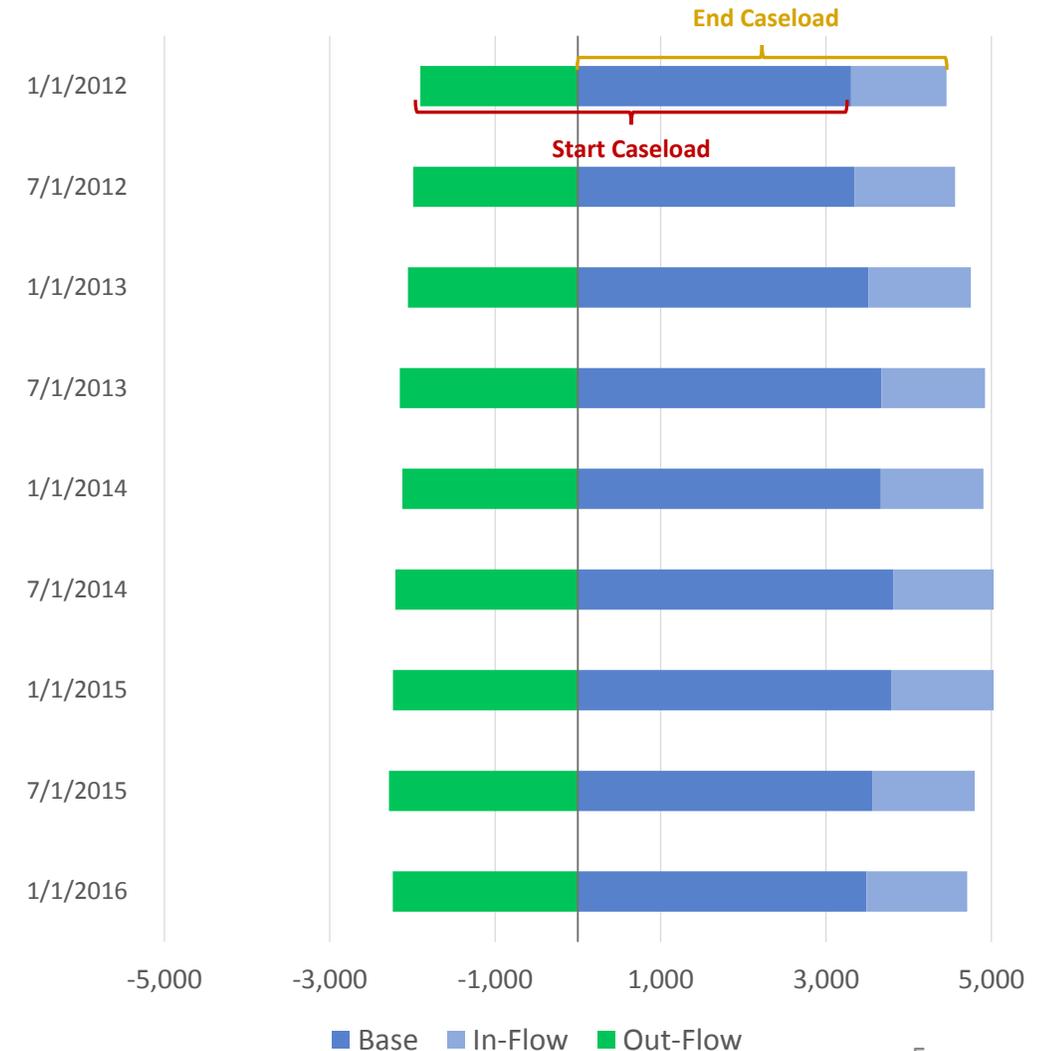
## Definition of Terms:

Talking about the flow of populations from one geography to another can be confusing. Defining terms can help make these changes in dynamics clearer.

County caseload has the following parts:

1. Start Caseload:
  - Those child welfare cases that originate in a given county.
2. County Outflow:
  - Of those cases that originate in a given county the number that end up placed outside of their home county.
3. Base Caseload:
  - Of those cases that originate in a given county those that stay in that county.
4. County Inflow:
  - Of those cases that are physically placed in a given county those cases that originated outside of that county.
5. End Caseload:
  - All of those cases, both those that originate in a county and those that came from outside the county, that currently reside within a given county

Bay Area Total Caseload: 2012 to 2016



# Trauma Transformed: County to County Population Flow Analysis

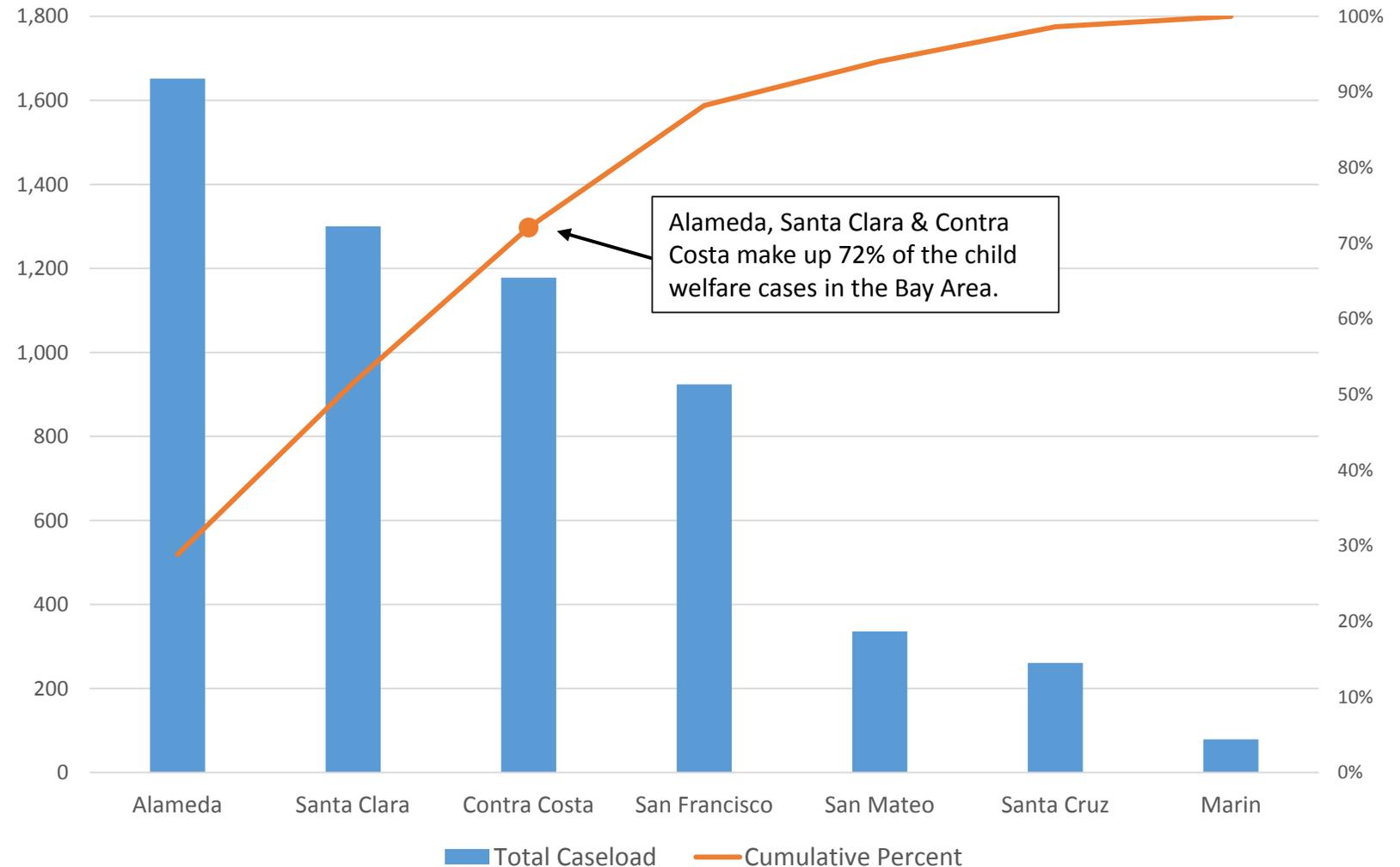
## Definition of the Bay Area:

For this study the Bay Area is made up of seven counties:

1. Alameda,
2. Contra Costa
3. Marin
4. Santa Clara
5. Santa Cruz
6. San Francisco
7. San Mateo

Each county contributes a different amount to the total caseload of the bay area.

### Total Caseload by County, Bay Area CA, Jan. 2016

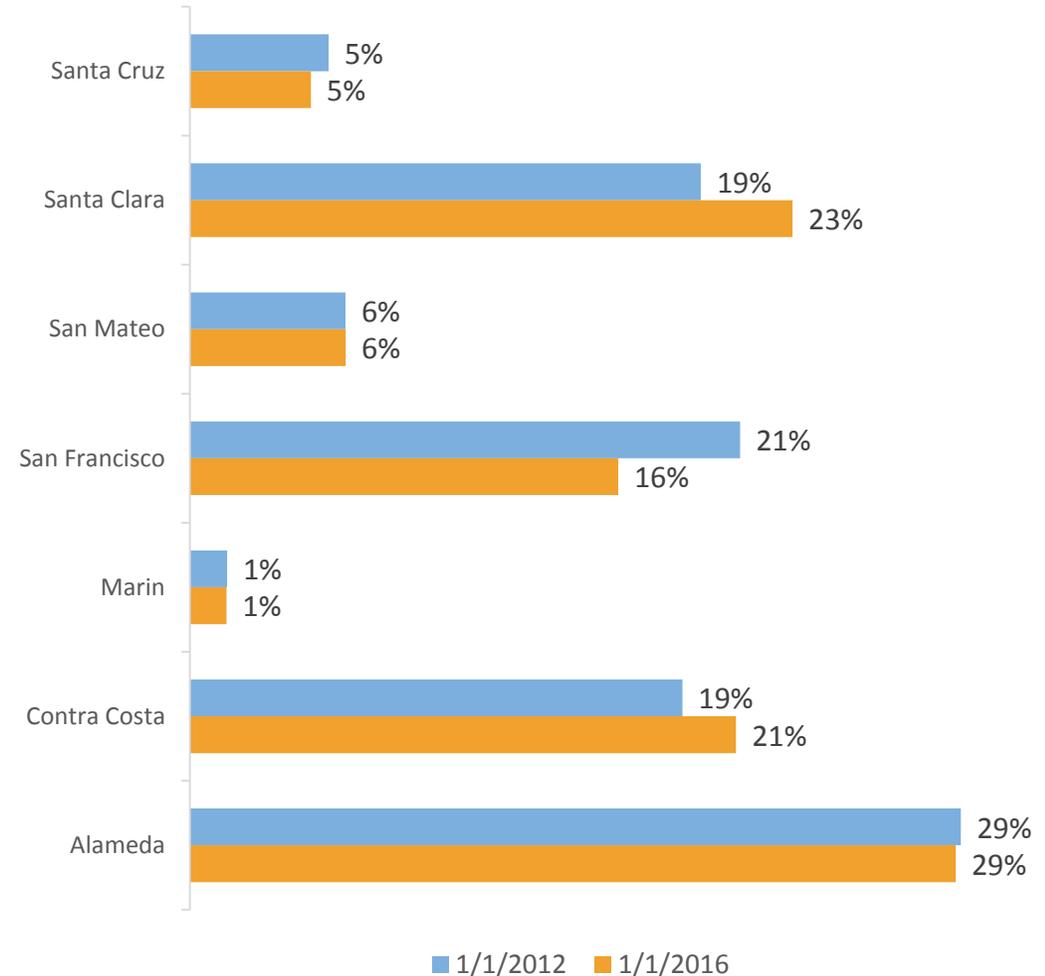


# Trauma Transformed: County to County Population Flow Analysis

## Composition of Bay Area:

Over time the proportion of the total Bay Area caseload made up by each county had changed, with counties like San Francisco becoming less of the total and counties like Santa Clara become more of the total.

Change in Proportion of Bay Area Child Welfare Caseload:  
2012 to 2016



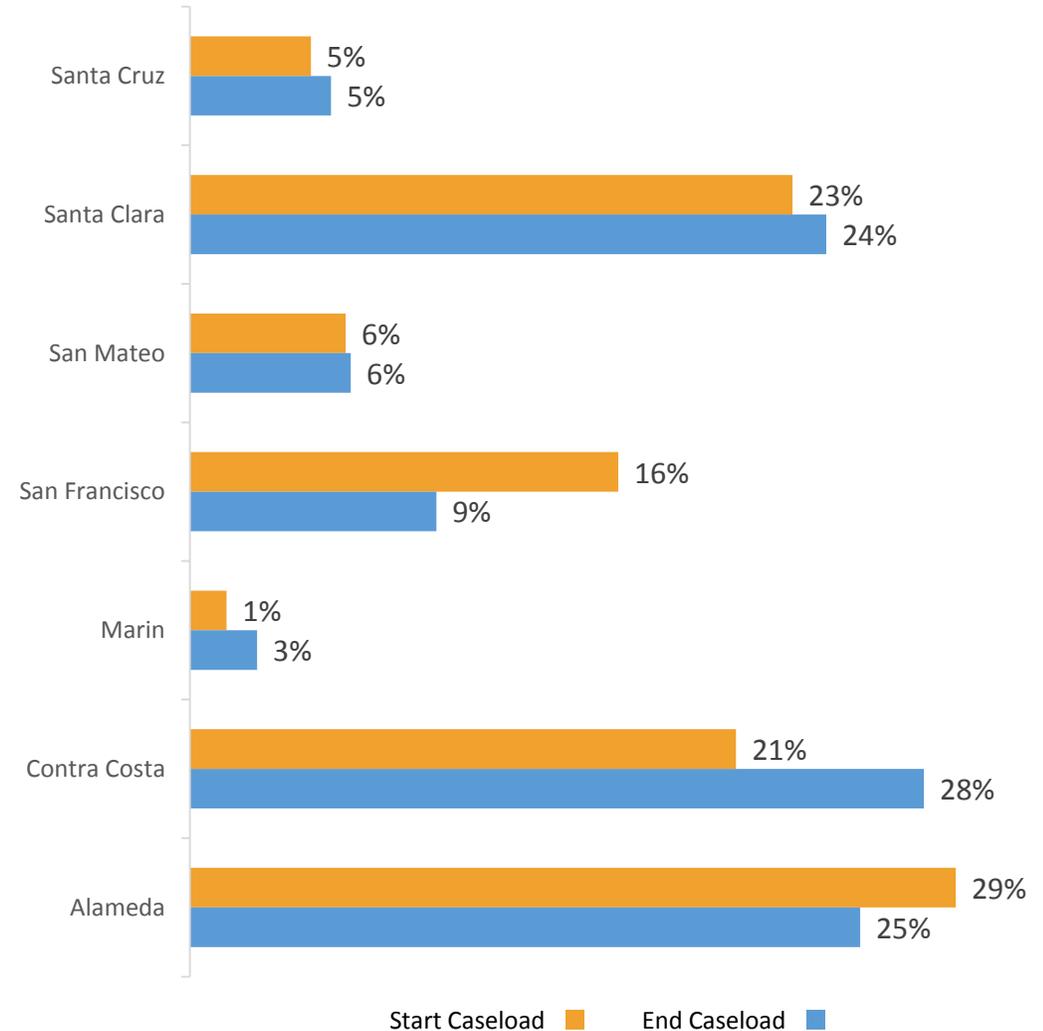
# Trauma Transformed: County to County Population Flow Analysis

## Composition of Bay Area:

Accounting for the in-flow and out-flow of total cases makes a significant difference in proportional make up of the Bay Area.

Due to large out-flows some counties, like San Francisco, make up a significantly smaller proportion of the total Bay Area caseload while others, like Contra Costa, make up a significantly larger proportion.

Proportion of Bay Area Child Welfare Caseload: 2016  
Start Caseload vs. End Caseload



# Trauma Transformed: County to County Population Flow Analysis

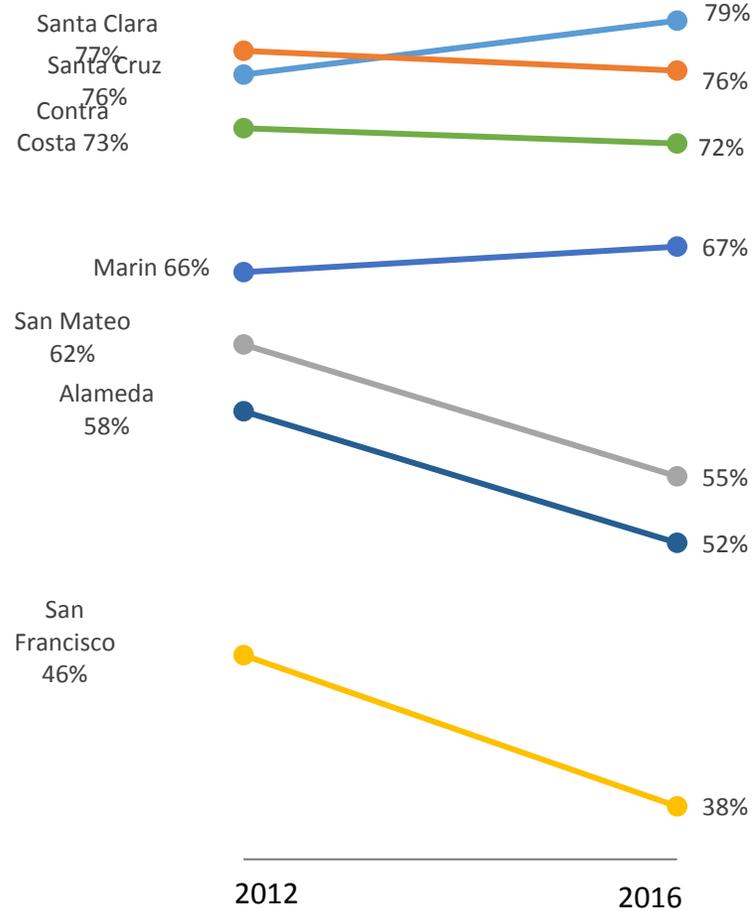
## Change over time:

The total caseload inflow and outflow has changed over time.

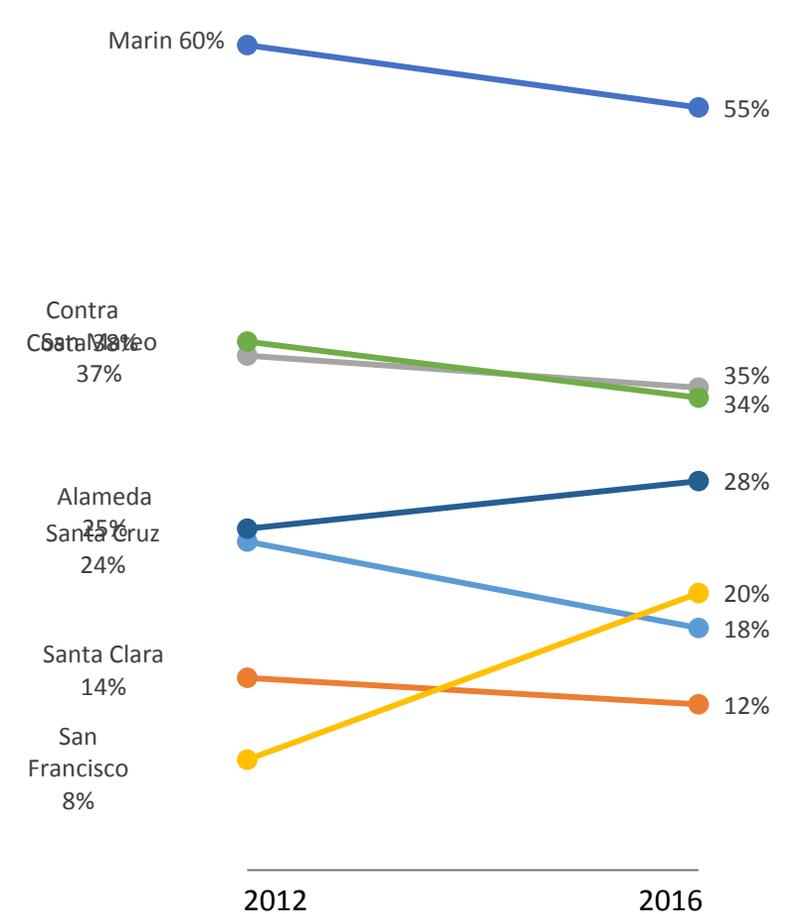
About half of the counties in the Bay Area have seen the number of youth remaining in their home county stay the same while the other half have seen it decrease in recent years.

Generally, the percent of inflow youth has been decreasing. The exceptions being San Francisco and Alameda counties.

Percent of Youth Staying Who Stay in Home County



Percent of Youth from Outside of County



# Trauma Transformed: County to County Population Flow Analysis

## Definition of Terms:

In the end, there are two types of counties:

### 1. Net Gain County:

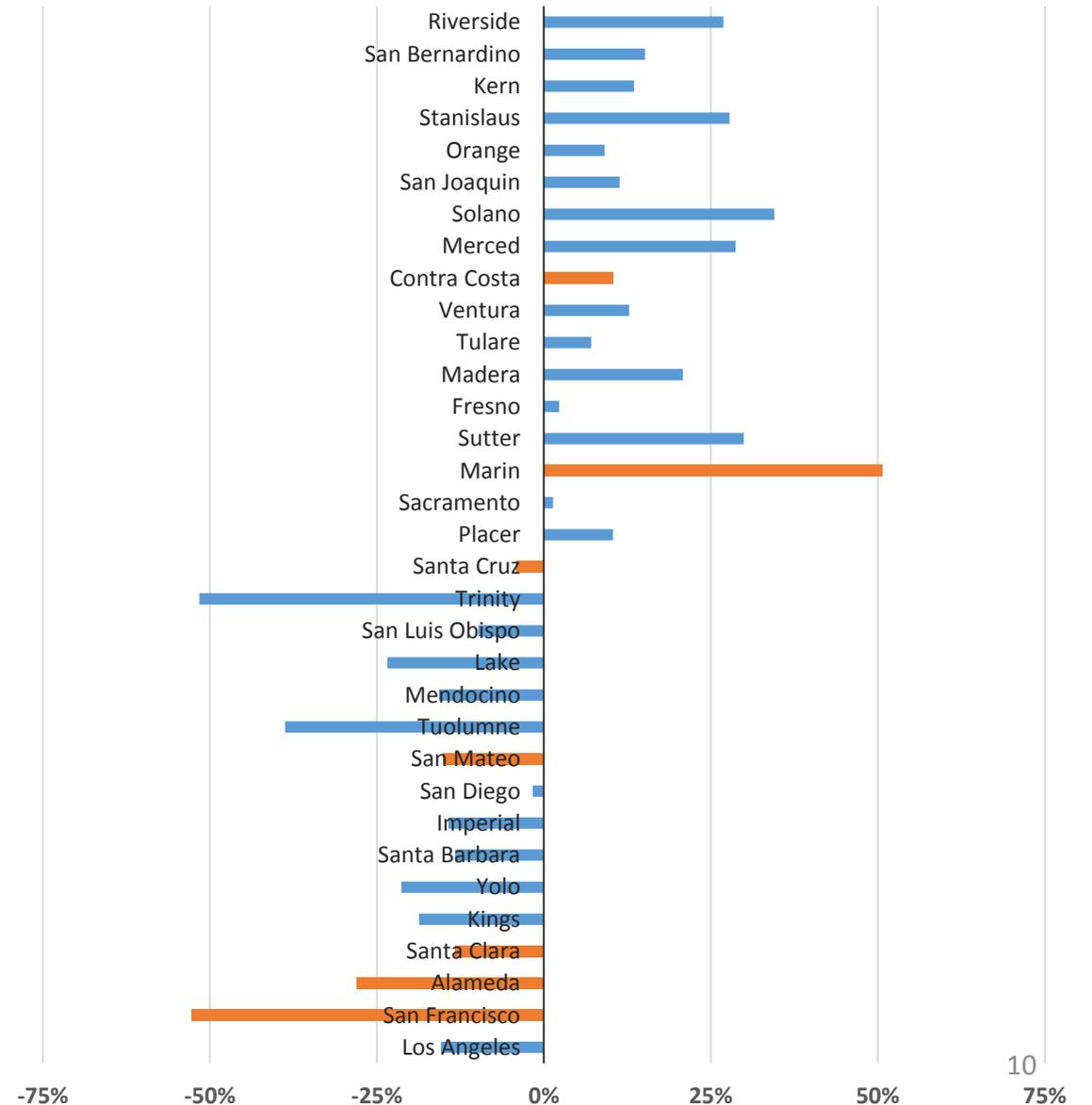
- Those counties where base caseload plus county inflow equal more than base caseload plus county outflow.

### 2. Net Loss County:

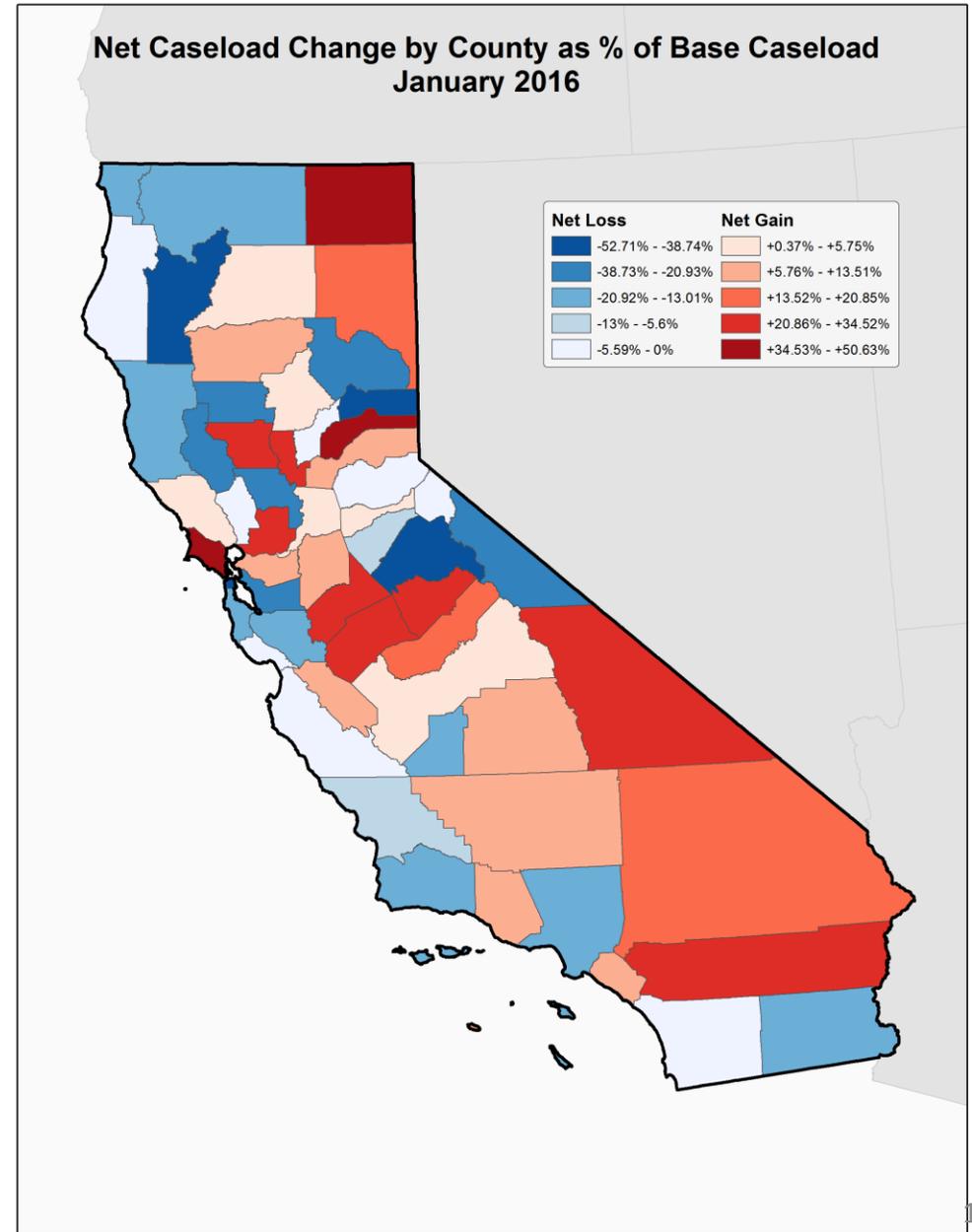
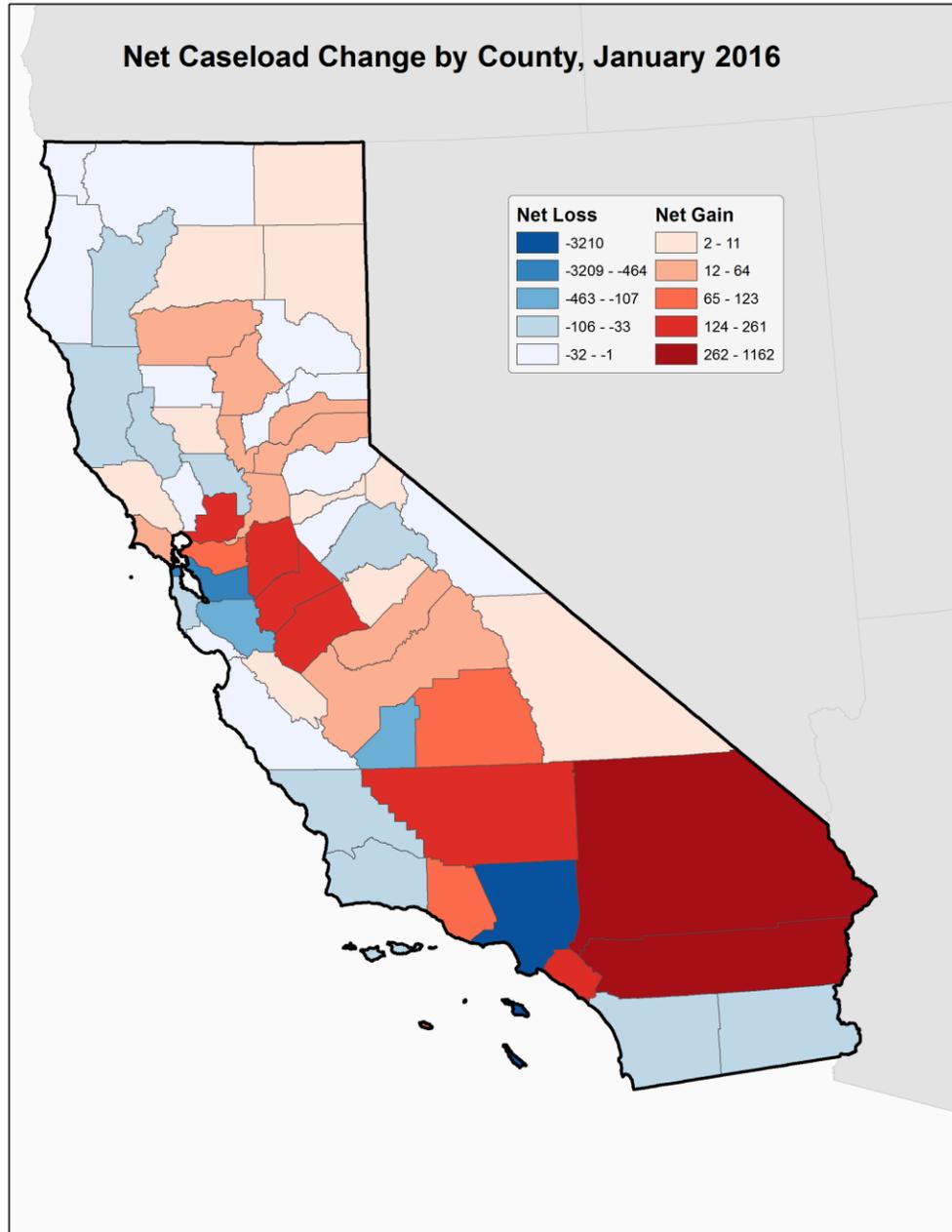
- Those counties where base caseload plus county inflow equal less than base caseload plus county outflow.

In other words, when all of the county flows are accounted for some counties end up with more youth than they would have had if no youth had entered or exited and other with less.

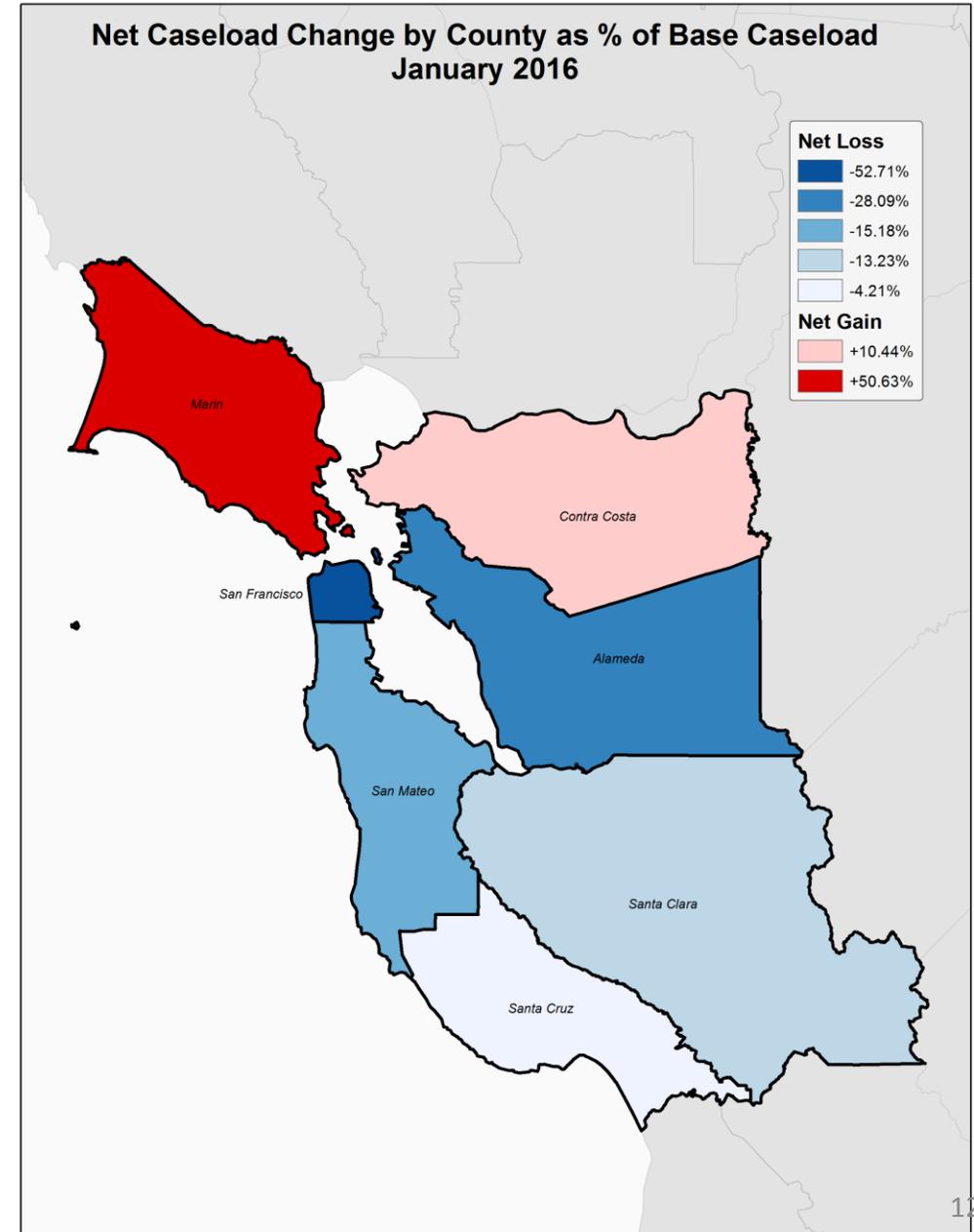
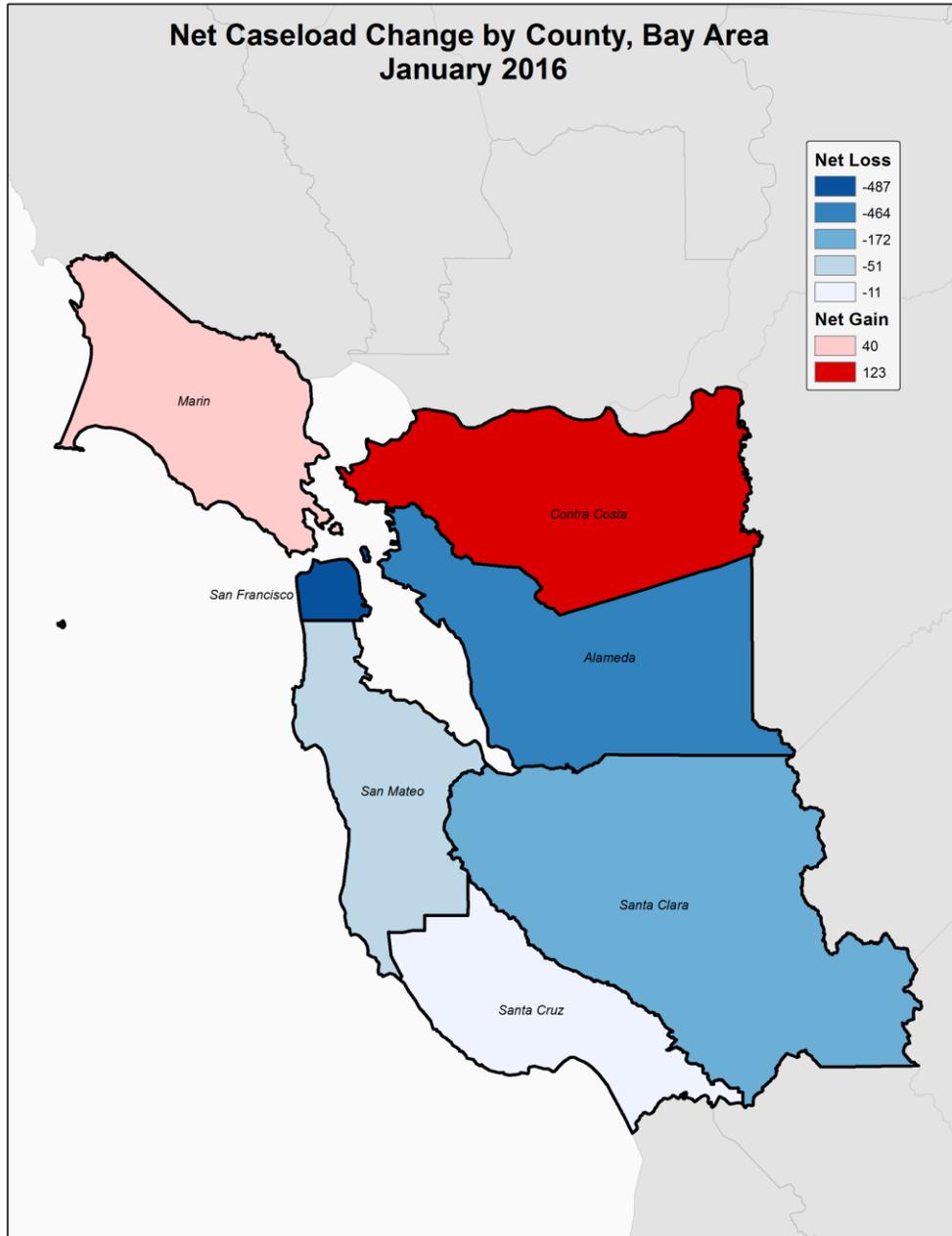
Net Caseload Change as Percent of Base Caseload  
Jan. 2016, California



# Trauma Transformed: County to County Population Flow Analysis



# Trauma Transformed: County to County Population Flow Analysis

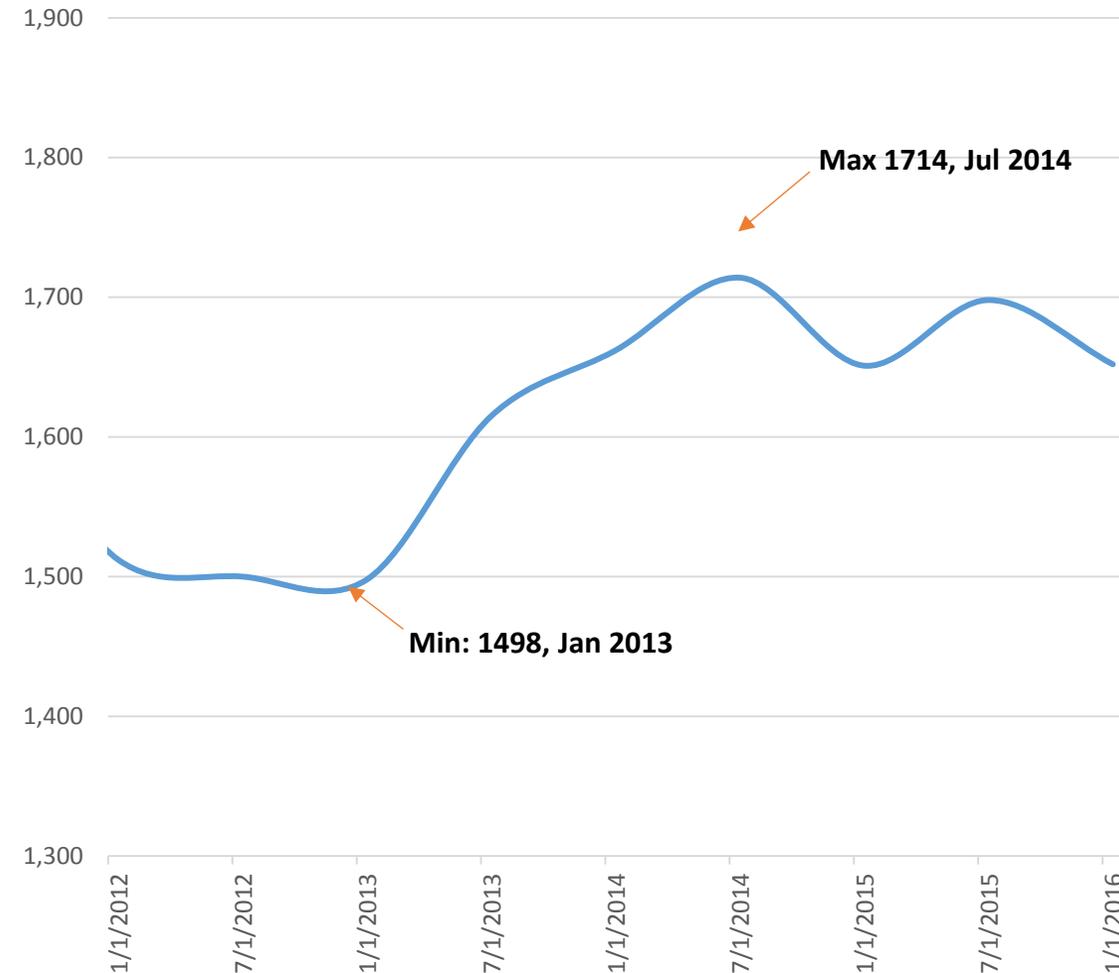


# Trauma Transformed: County to County Population Flow Analysis

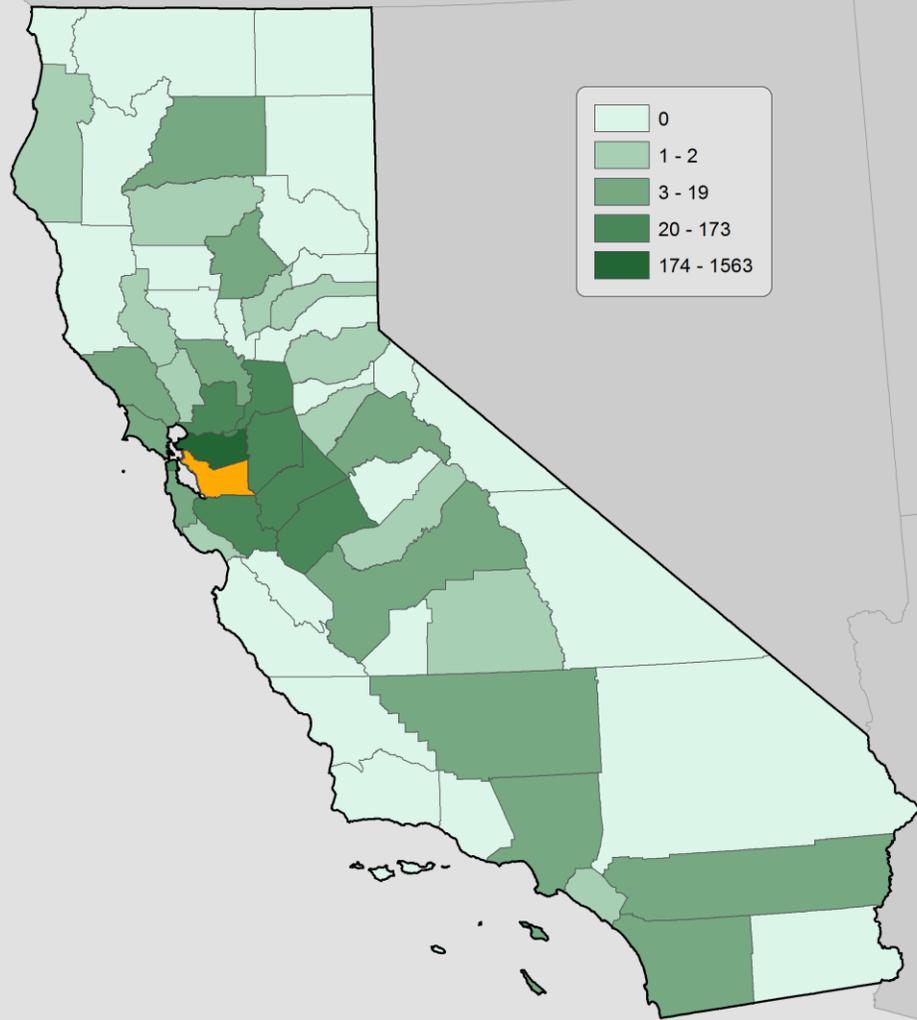
## Composition of Alameda County:

From 2013 to 2014 Alameda County saw an increase in total caseload. Since 2014 caseloads, with some variation, have remained largely the same.

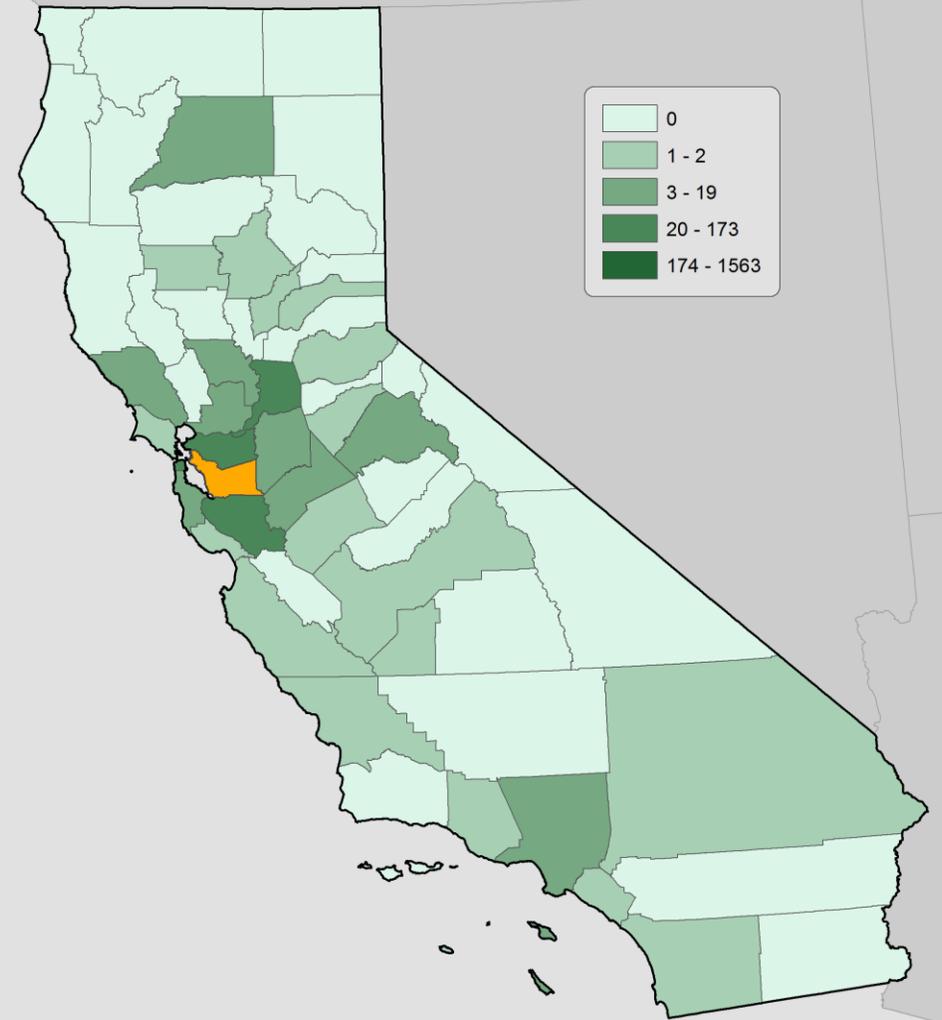
Change in Total Caseload Alameda County  
2012-2016



Flow of Children from Alameda County, Jan 2016

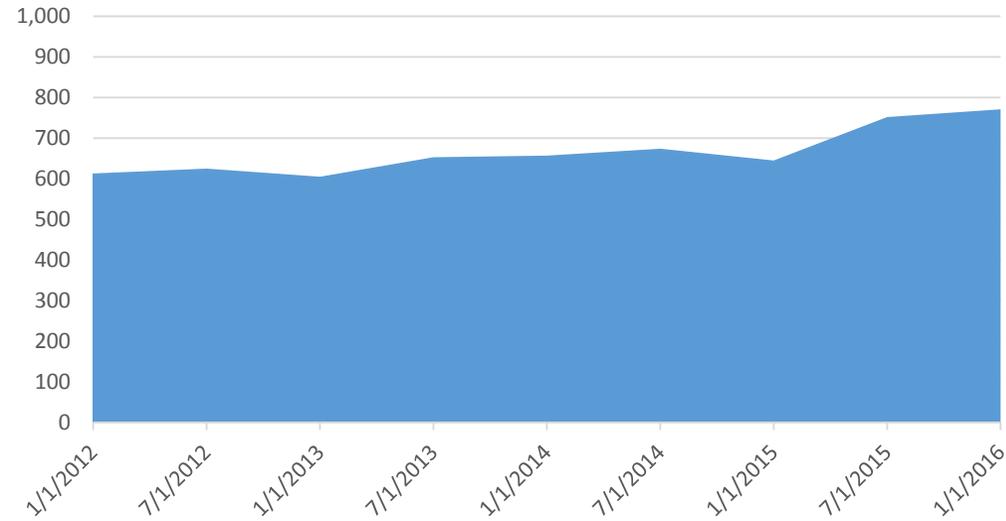


Flow of Children to Alameda County, Jan 2016

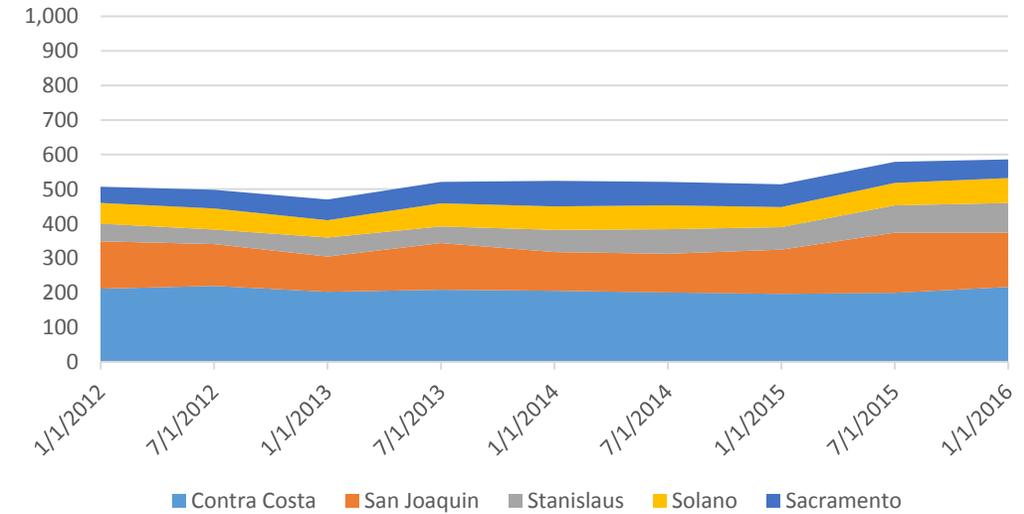


# Alameda County Outflow

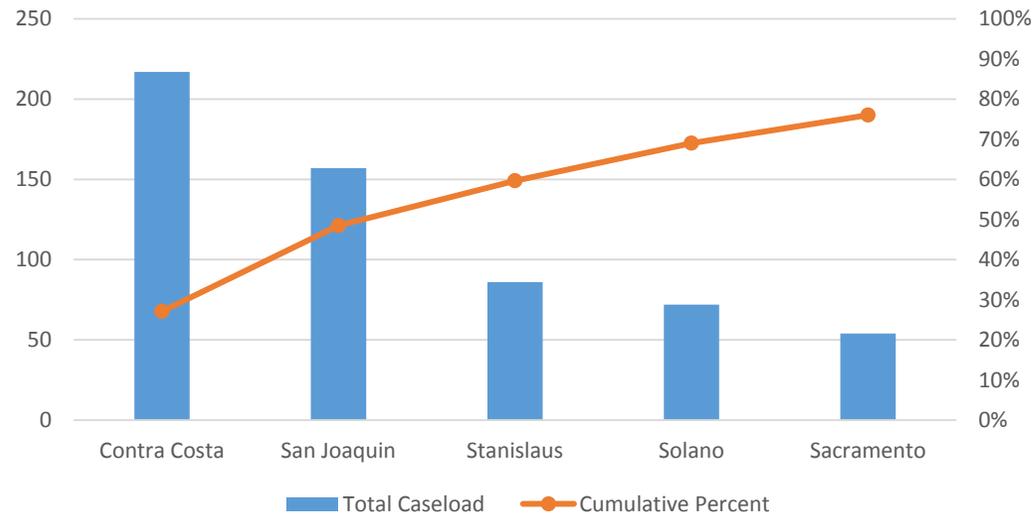
## Change in Outflow Caseload, Alameda County (All)



## Change in Outflow Caseload, Alameda County (Top 5)

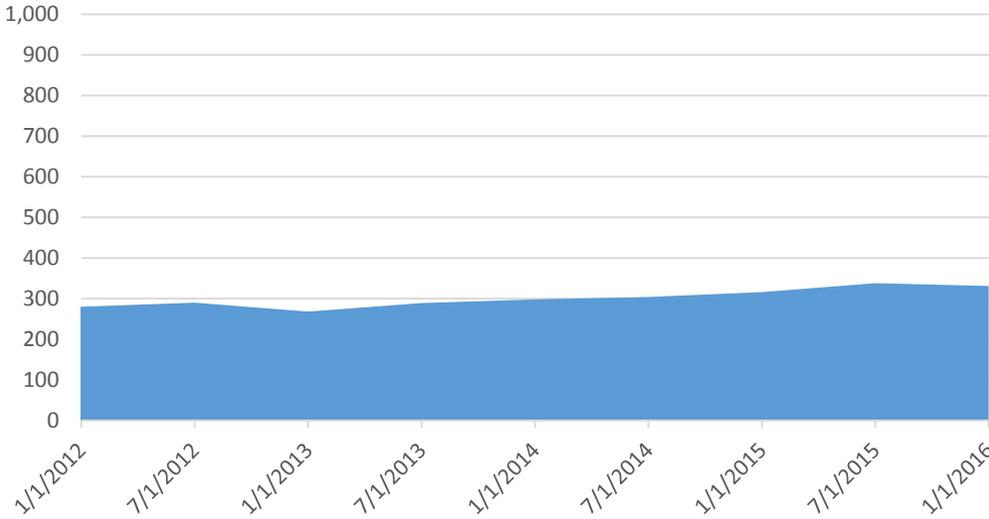


## Total Outflow Caseload, Alameda County (Top 5, Jan. 2016)

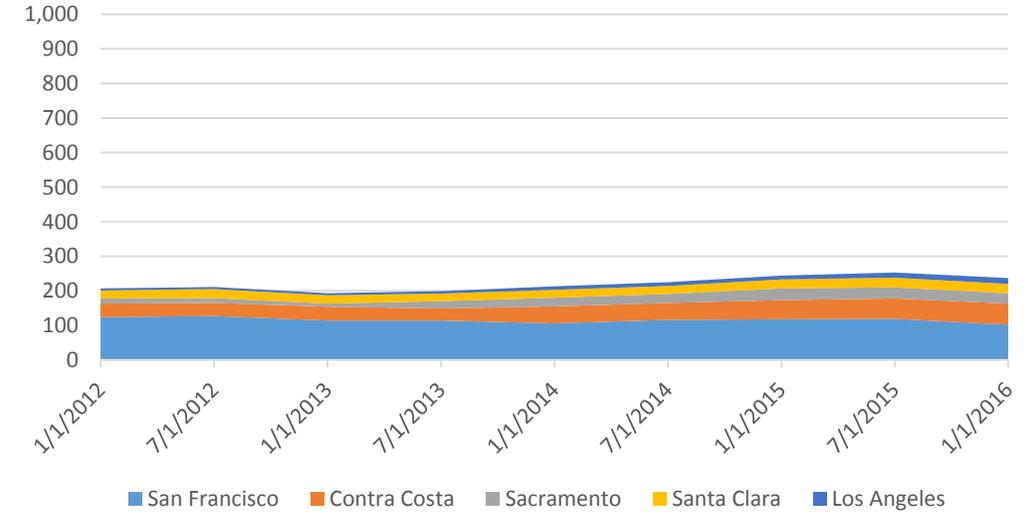


# Alameda County Inflow

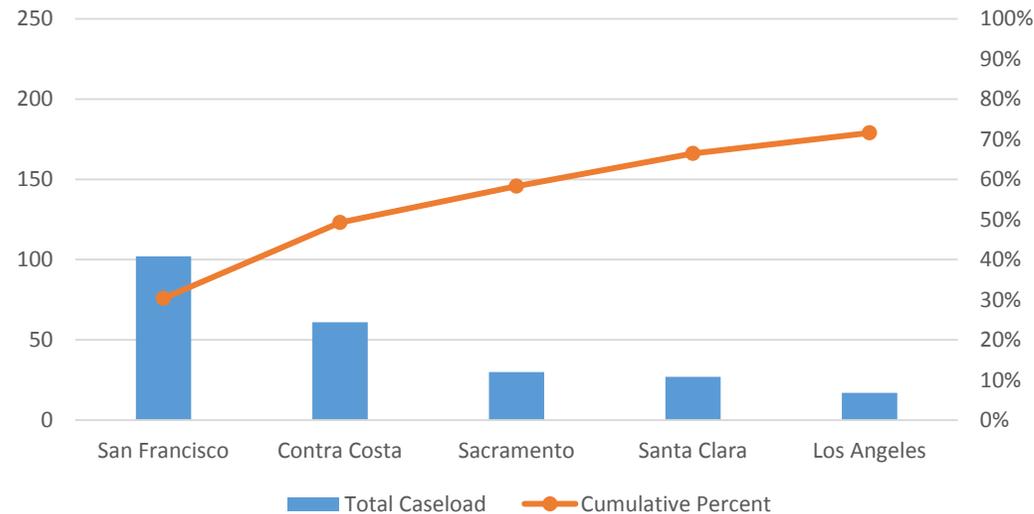
## Change in Inflow Caseload, Alameda County (All)



## Change in Inflow Caseload, Alameda County (Top 5)



## Total Inflow Caseload, Alameda County (Top 5, Jan. 2016)

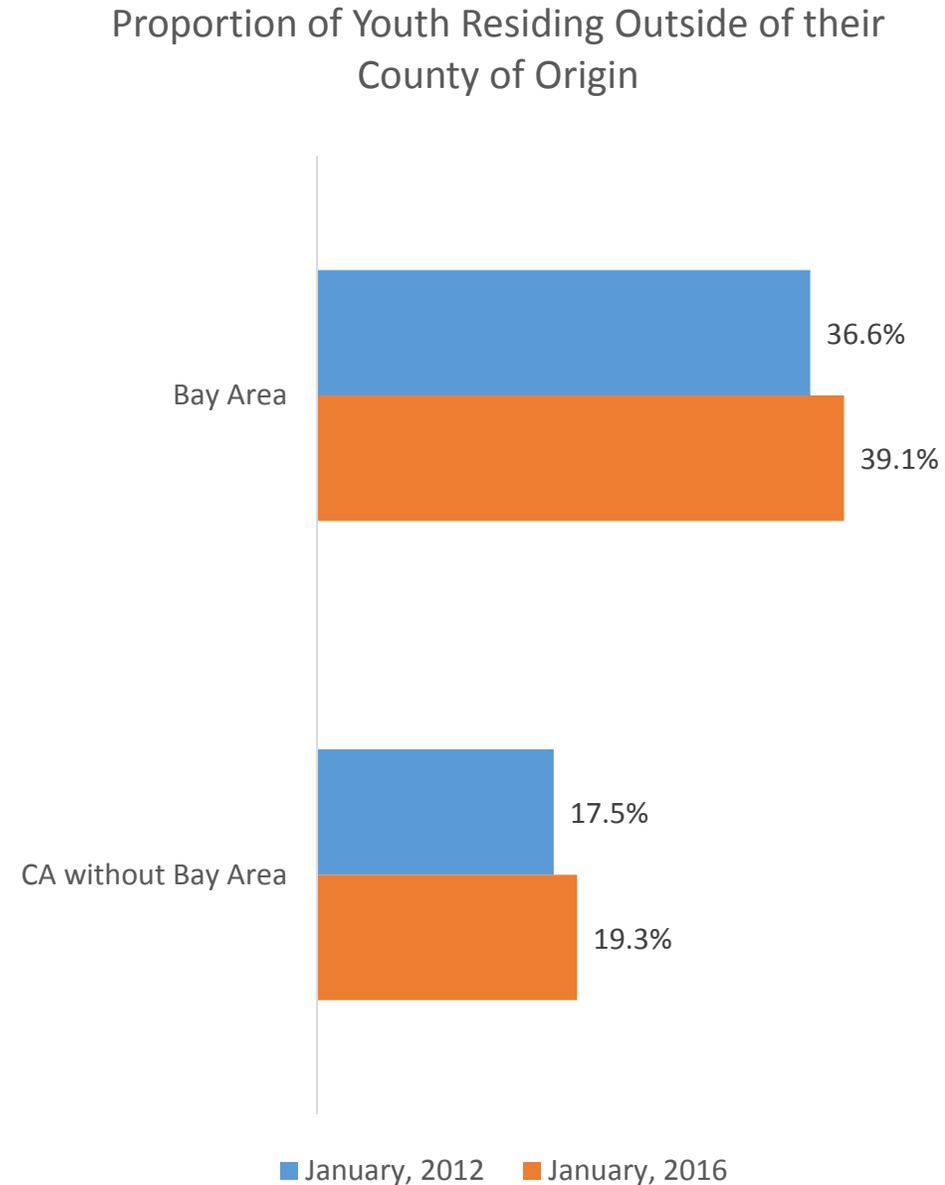


# Trauma Transformed: County to County Population Flow Analysis

## Conclusion:

### Movement across counties is significant

1. Movement of youth involved in the Child Welfare system in the Bay Area is significant and higher than the remainder of the state.
2. At 39% the proportion of youth placed outside of their county of origin in the Bay Area is almost double the rate of 19% for the rest of the state.
3. The number of youth residing in a county other than their home county has increased 6% in the last four years

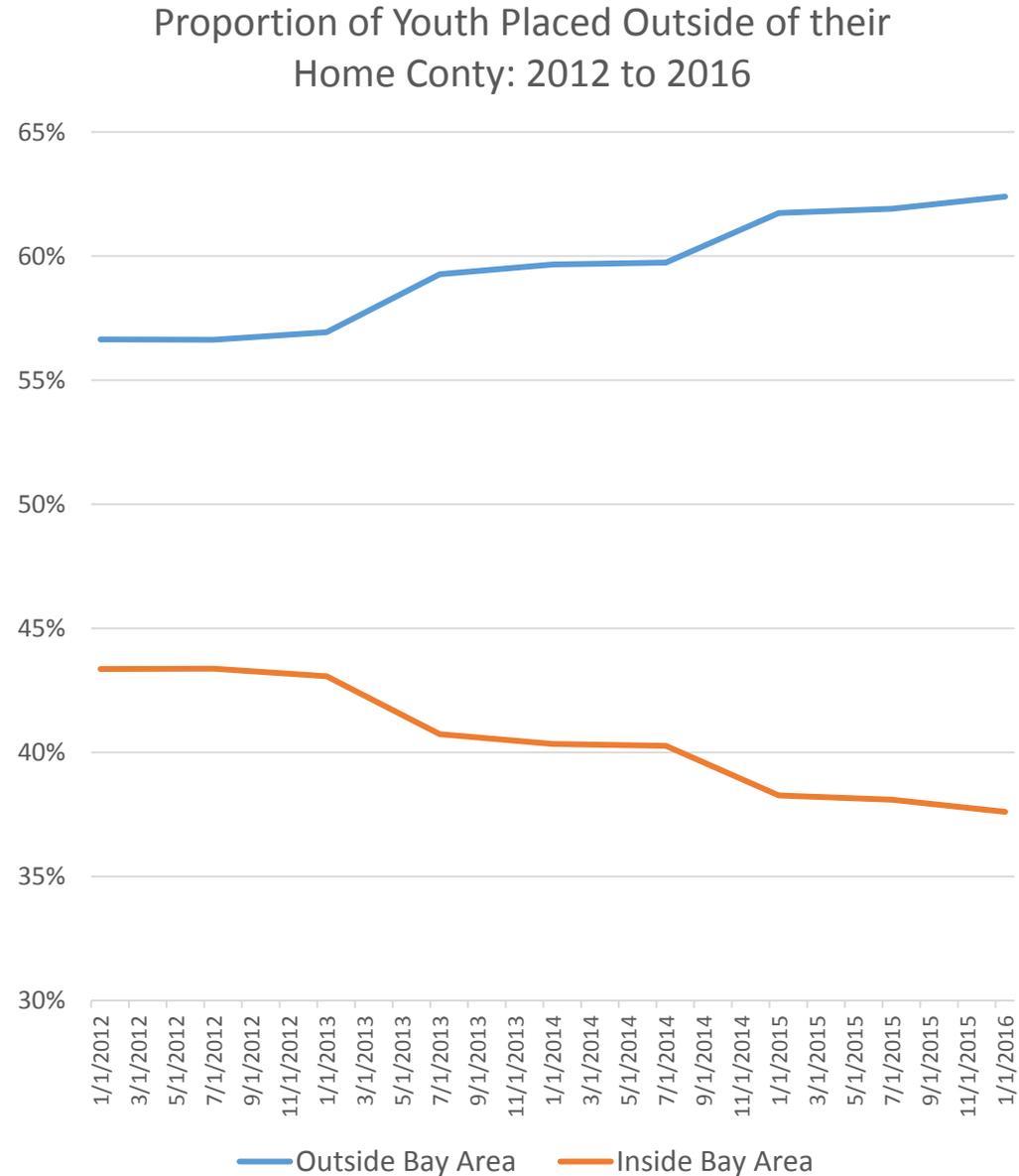


# Trauma Transformed: County to County Population Flow Analysis

## Conclusion:

Youth placed outside Bay Area is increasing

1. Of those youth residing outside of their home county in January of 2016 62% are placed outside of the seven county Bay Area.
2. Over the last four years the total number of youth who have been placed outside of the Bay Area has increased 30%



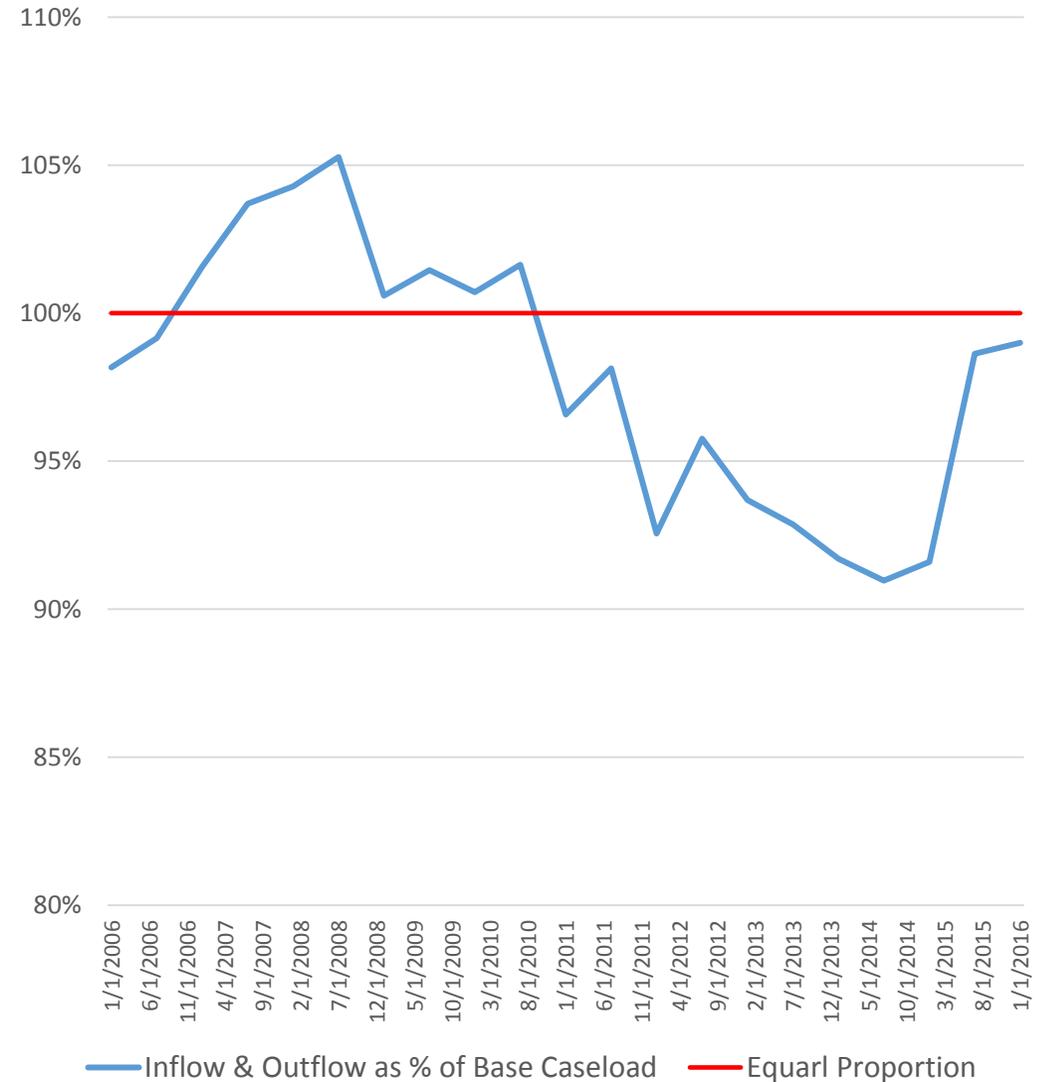
# Trauma Transformed: County to County Population Flow Analysis

## Conclusion:

There is a lot of population turbulence.

1. The number of youth entering and exiting a given county in the Bay Area is often equal to or greater than those who stay in their county of origin.
2. After a decrease in population turbulence recent data indicates that it is increasing.

Child Welfare Population Turbulence: 2012 to 2016  
(Base Caseload as a % of Caseload In-flow & Out-flow)



# Trauma Transformed: County to County Population Flow Analysis

## Further Questions:

1. What proportion of youth placed outside of their home county are relative placements?
2. What proportion of moves across county lines are actually small moves?
3. What impact do multiple moves have on this analysis?



**Mike Stiehl**

Senior Policy Analyst

Chapin Hall at the University of Chicago

1313 East 60<sup>th</sup> Street

Chicago, IL 60637

Phone: 773-882-0296

E-Mail: [mstiehl@chapinhall.org](mailto:mstiehl@chapinhall.org)

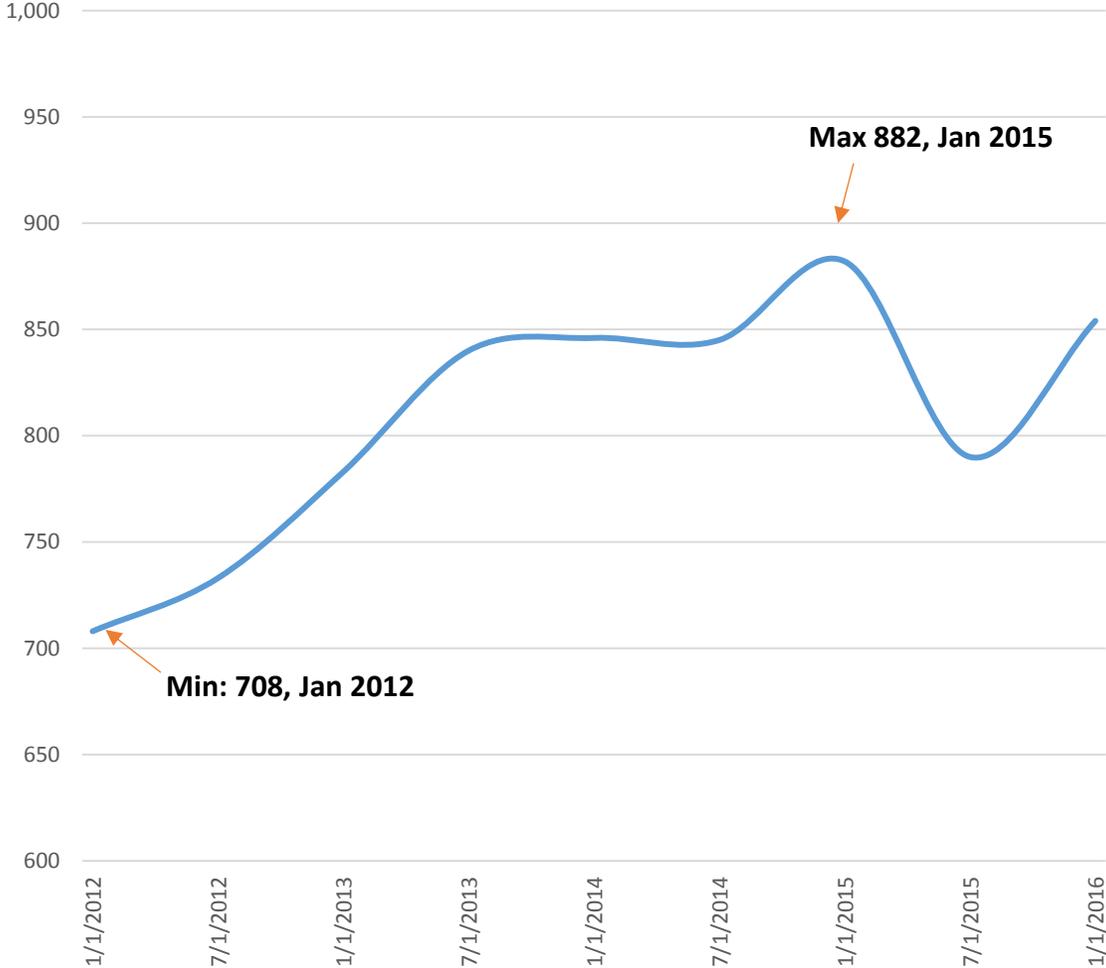
[www.chapinhall.org](http://www.chapinhall.org)

# Trauma Transformed: County to County Population Flow Analysis

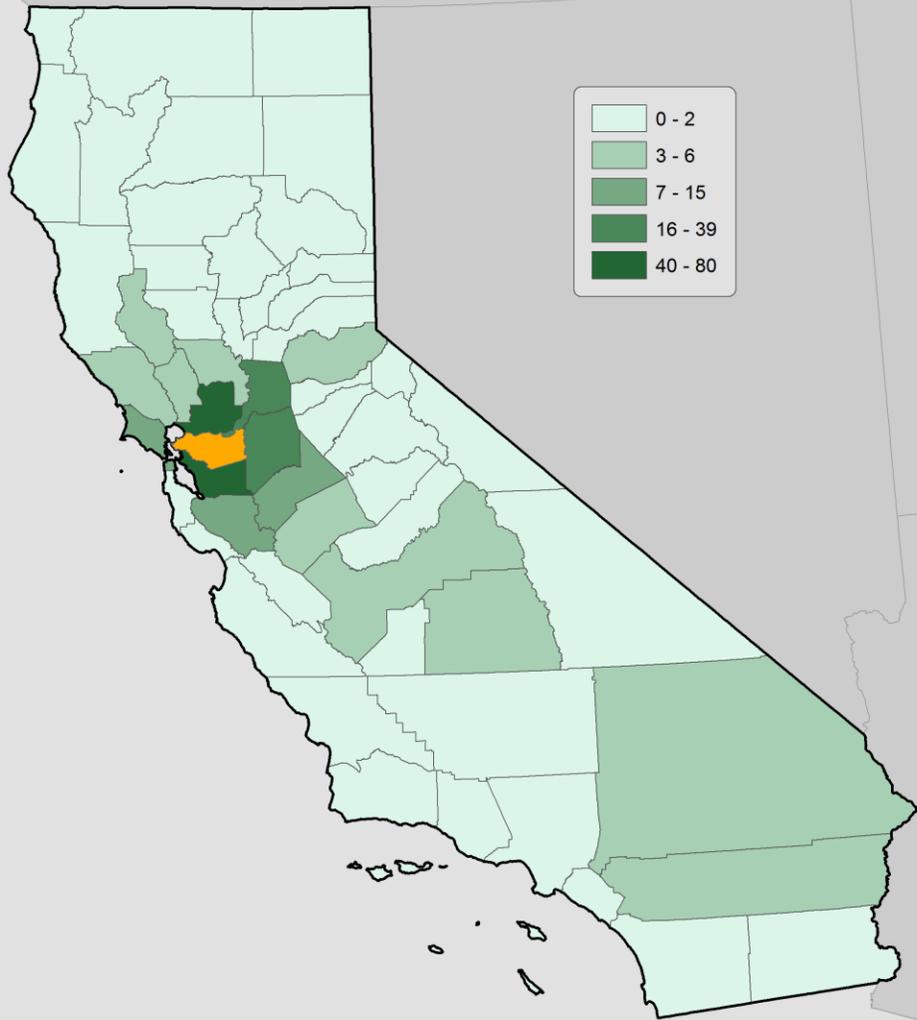
## Composition of Contra Costa County:

[Insert updated text about Contra Costa County 2012-2016 here]

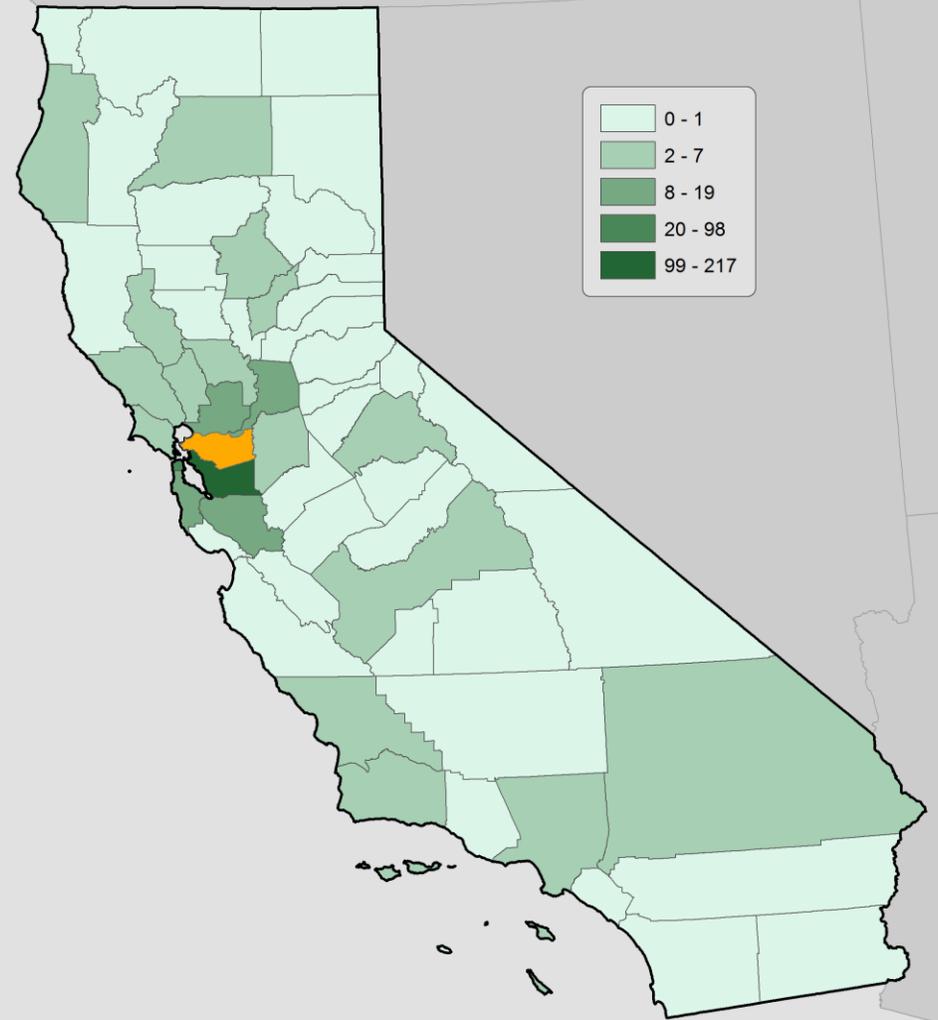
Change in Total Caseload Contra Costa County 2012-2016



Flow of Children from Contra Costa County, Jan 2016

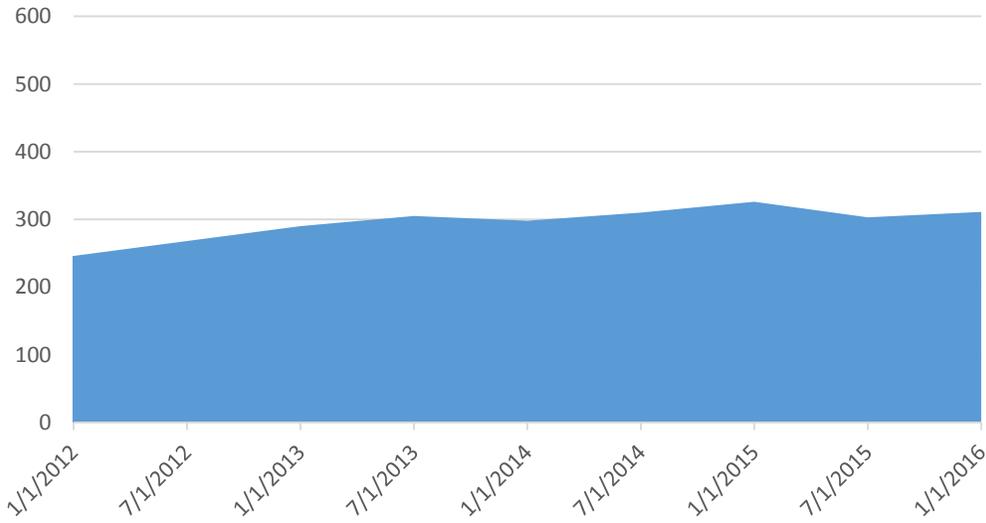


Flow of Children to Contra Costa County, Jan 2016

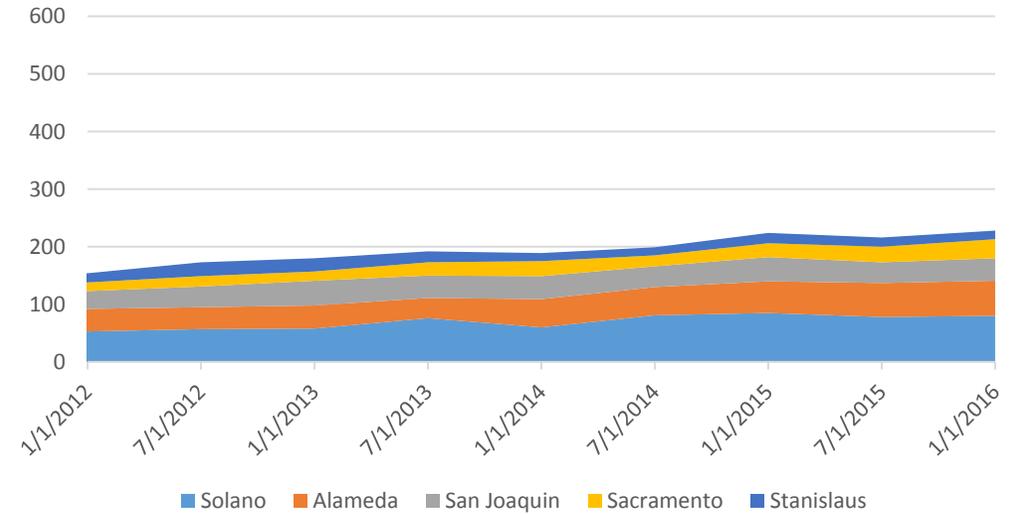


# Contra Costa County Outflow

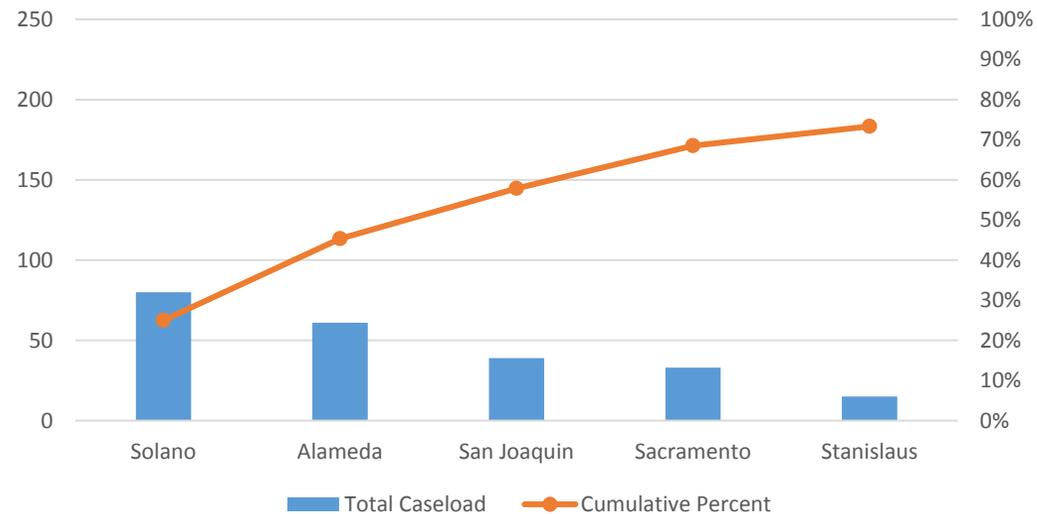
Change in Outflow Caseload, Contra Costa County (All)



Change in Outflow Caseload, Contra Costa County (Top 5)

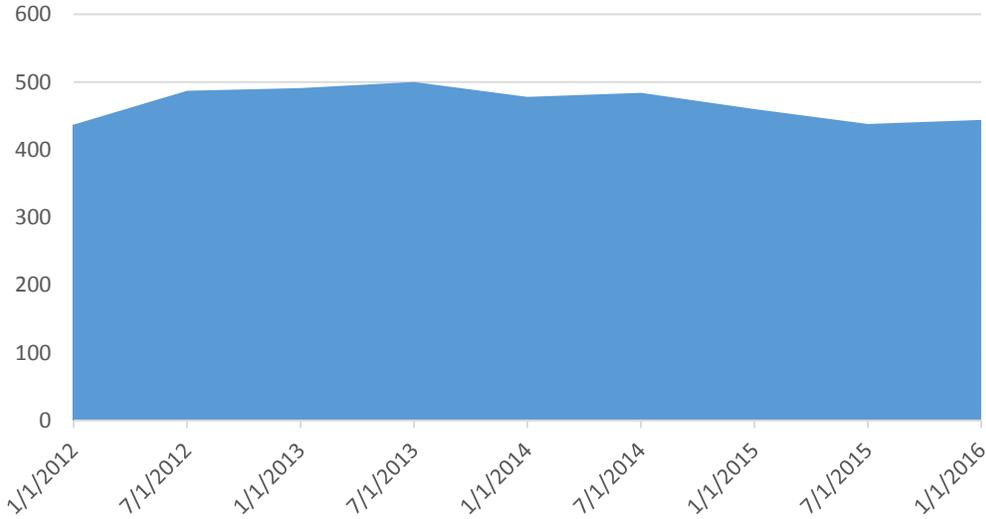


Total Outflow Caseload, Contra Costa County (Top 5, Jan. 2016)

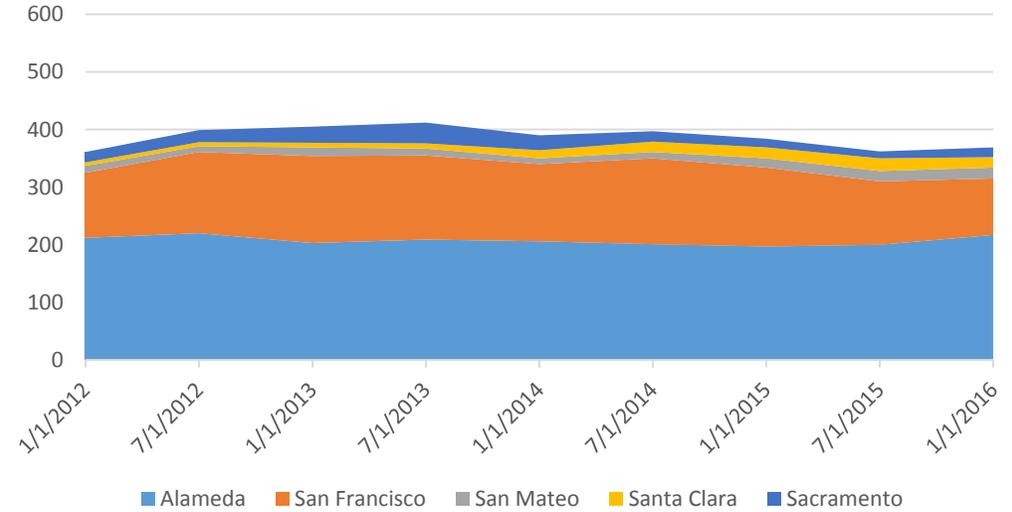


# Contra Costa County Inflow

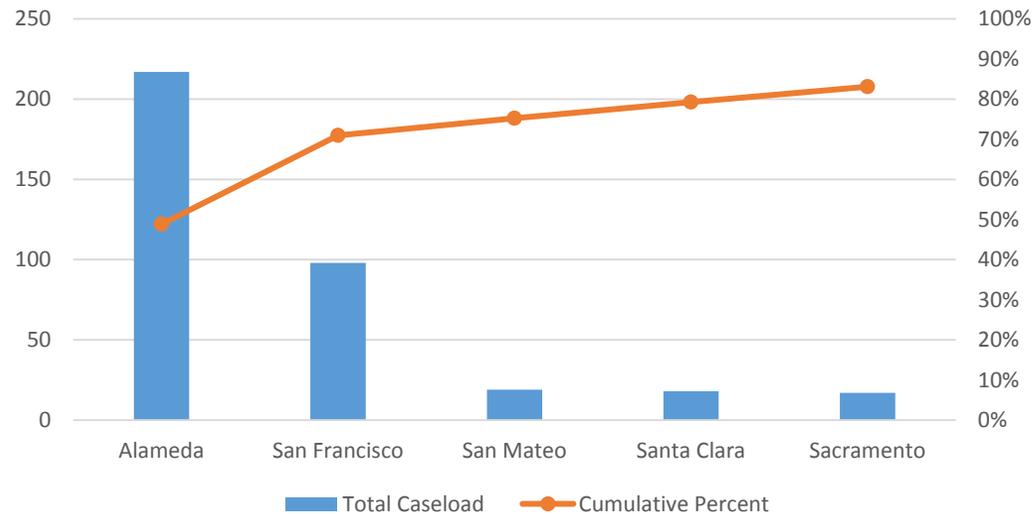
## Change in Inflow Caseload, Contra Costa County (All)



## Change in Inflow Caseload, Contra Costa County (Top 5)



## Total Inflow Caseload, Contra Costa County (Top 5, Jan. 2016)

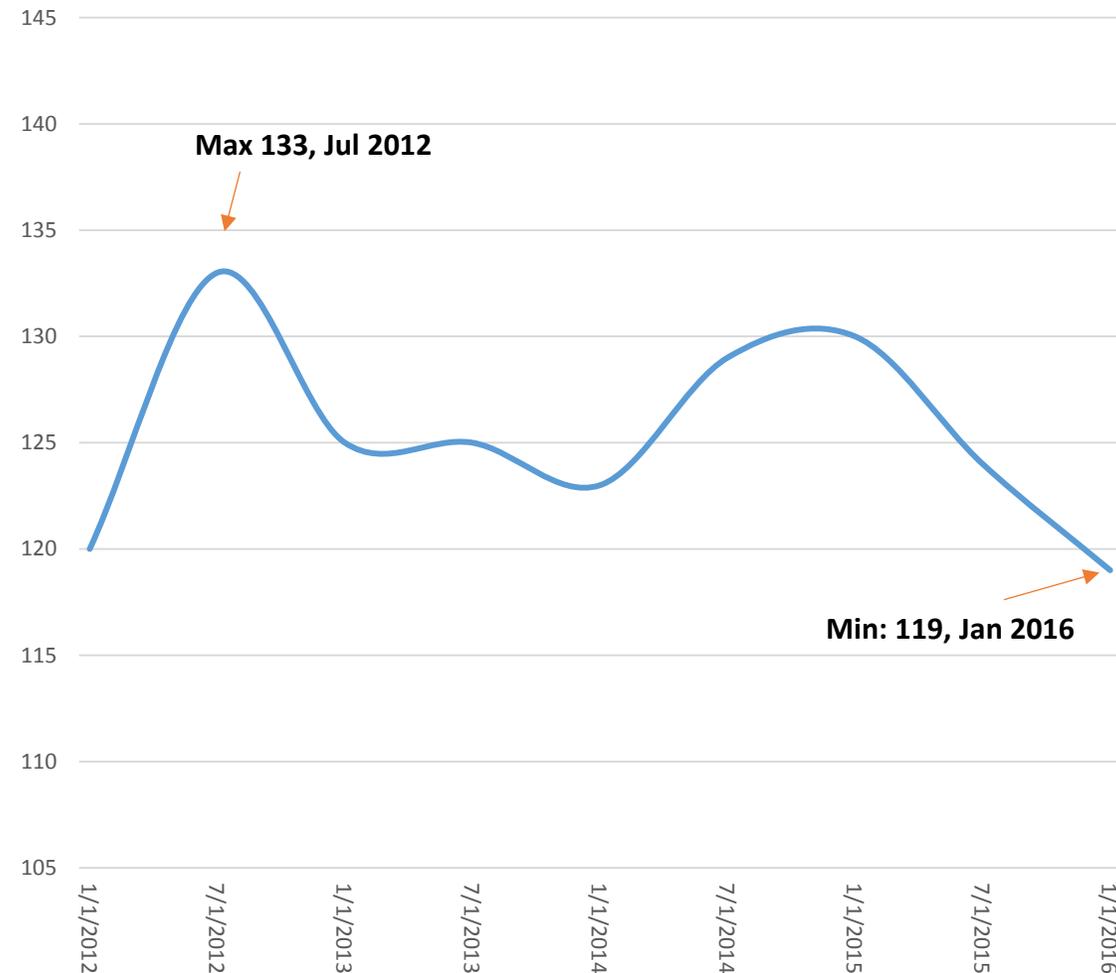


# Trauma Transformed: County to County Population Flow Analysis

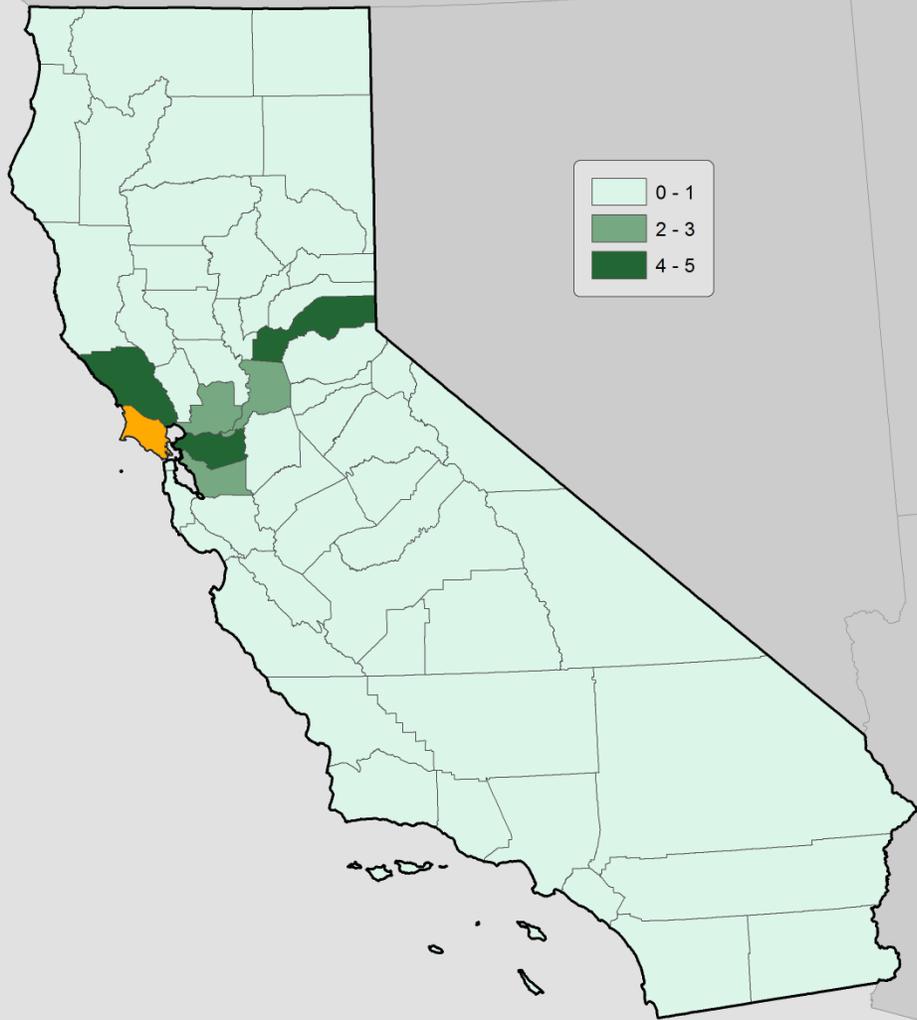
## Composition of Marin County:

Total caseload in Marin County has, with some variation, been decreasing since a peak in 2012.

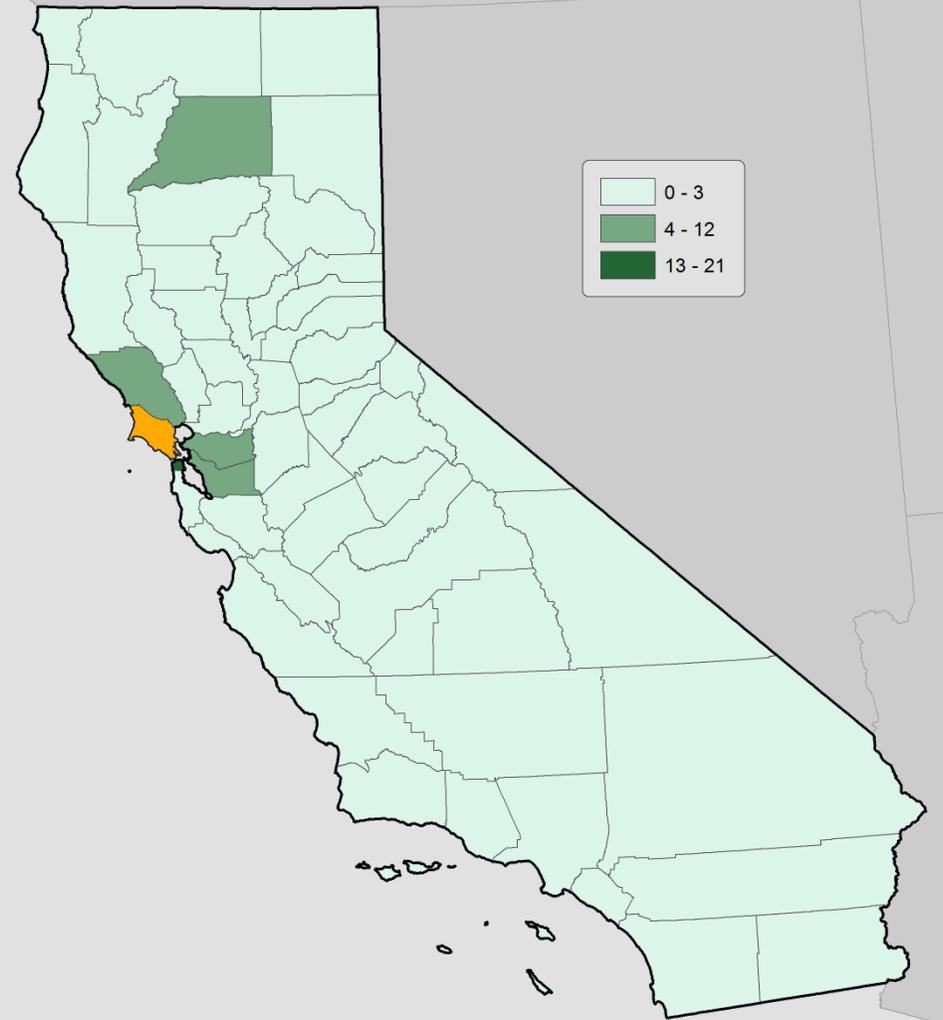
Change in Total Caseload Marin County  
2012-2016



Flow of Children from Marin County, Jan 2016

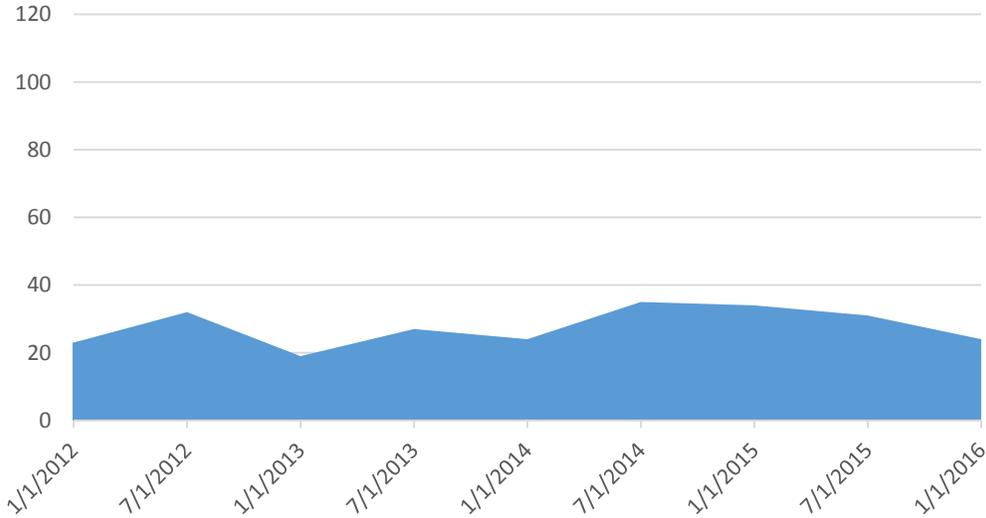


Flow of Children to Marin County, Jan 2016

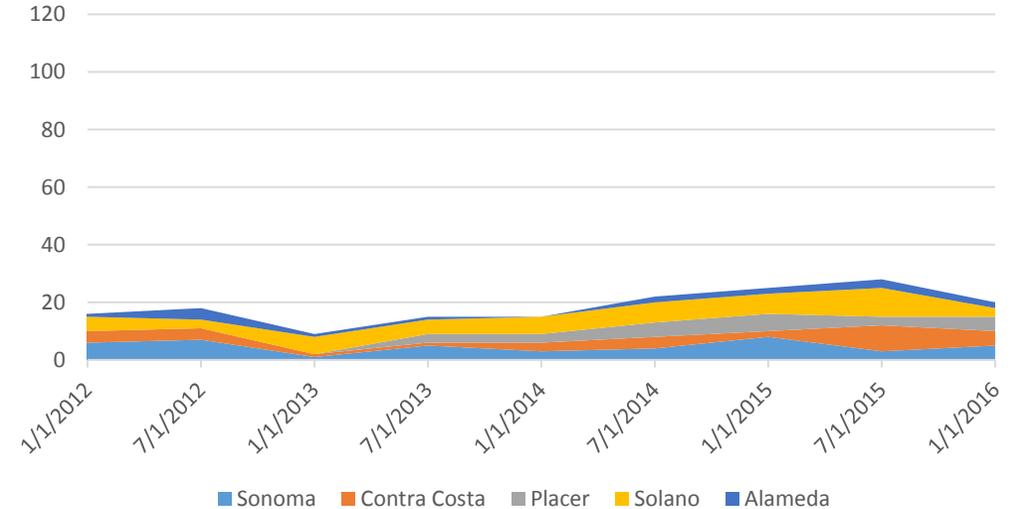


# Marin County Outflow

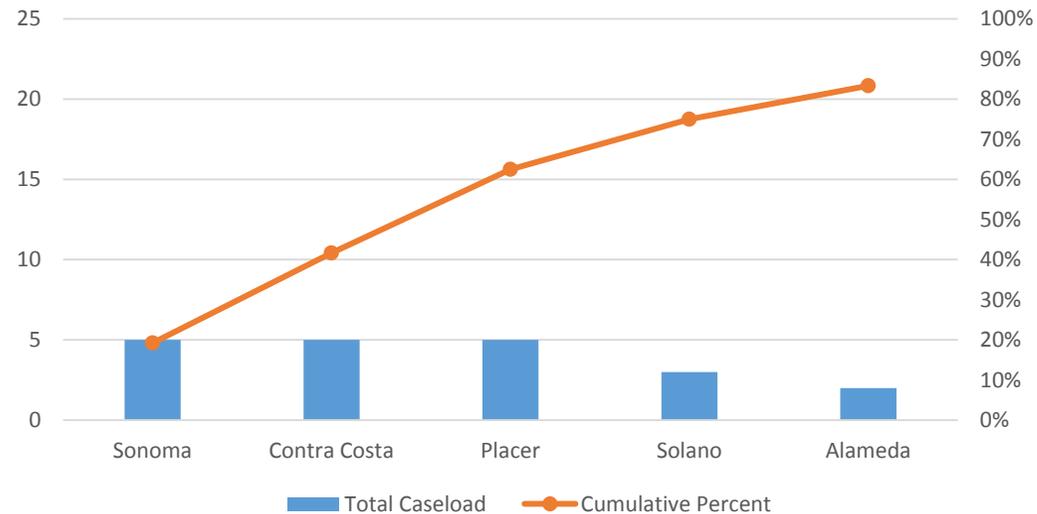
## Change in Outflow Caseload, Marin County (All)



## Change in Outflow Caseload, Marin County (Top 5)

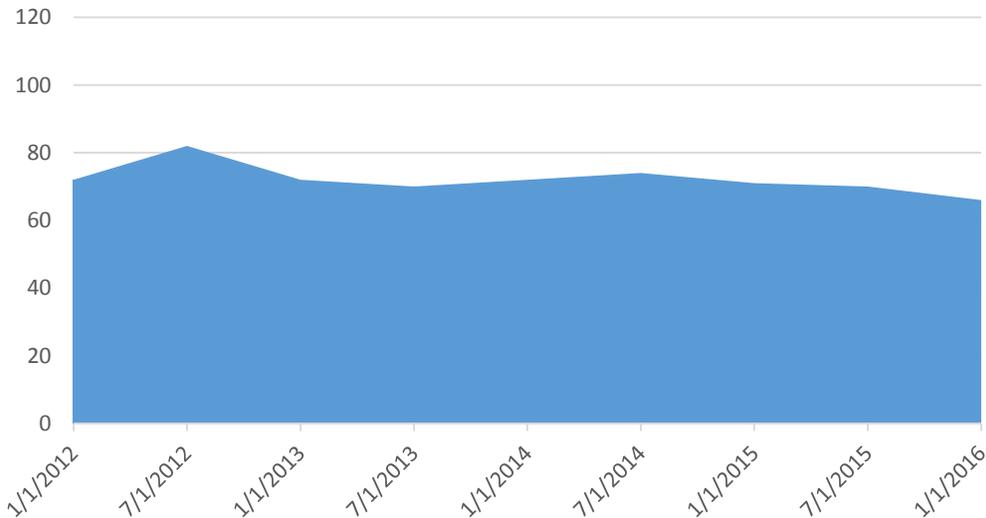


## Total Outflow Caseload, Marin County (Top 5, Jan. 2016)

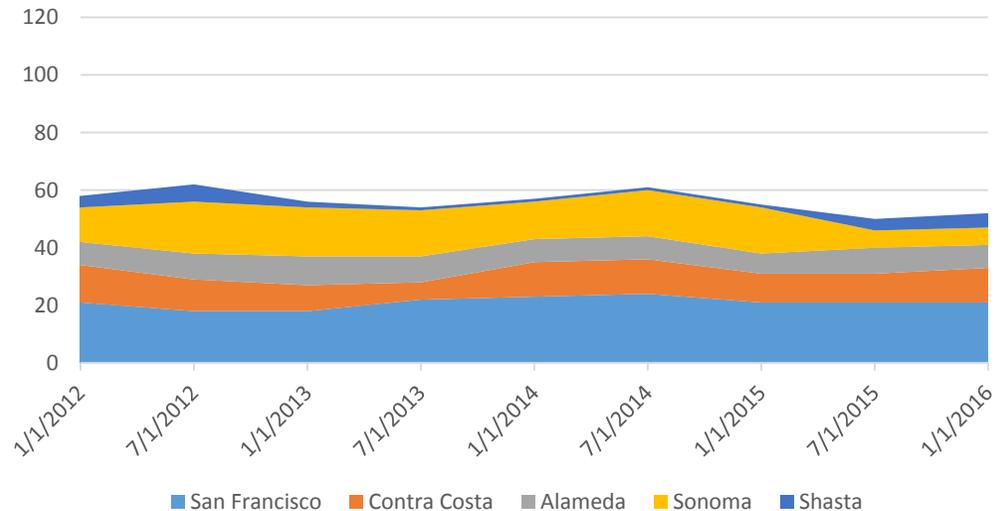


# Marin County Inflow

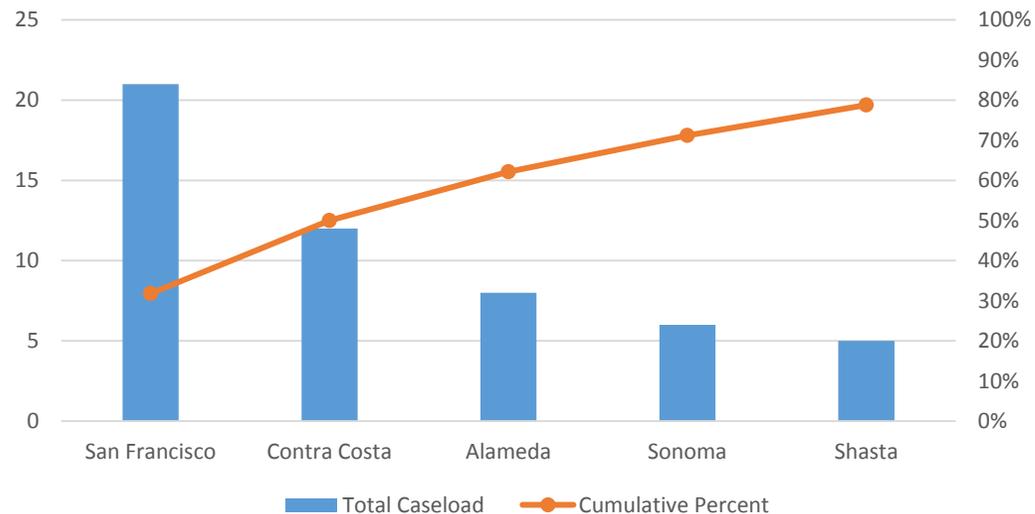
## Change in Inflow Caseload, Marin County (All)



## Change in Inflow Caseload, Marin County (Top 5)



## Total Inflow Caseload, Marin County (Top 5, Jan. 2016)



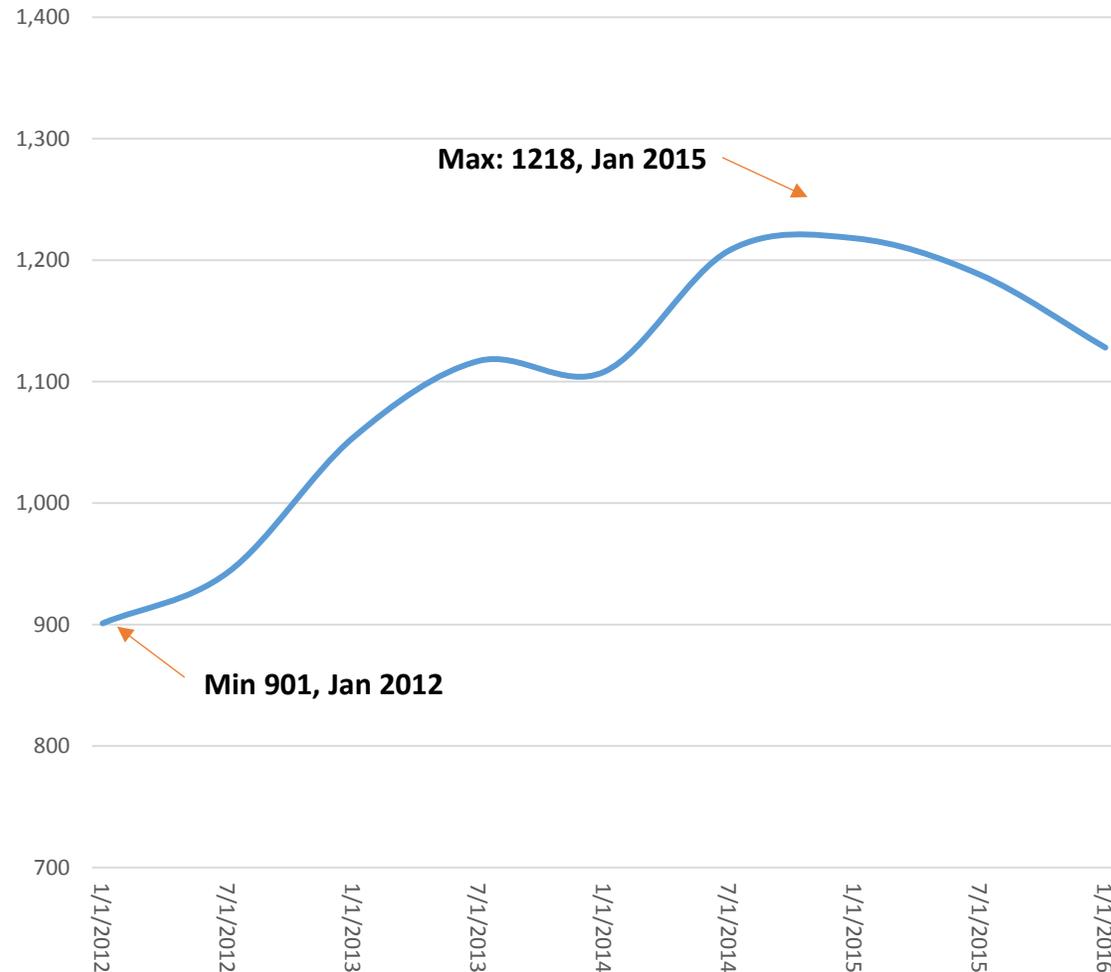
# Trauma Transformed: County to County Population Flow Analysis

## Composition of Santa Clara County:

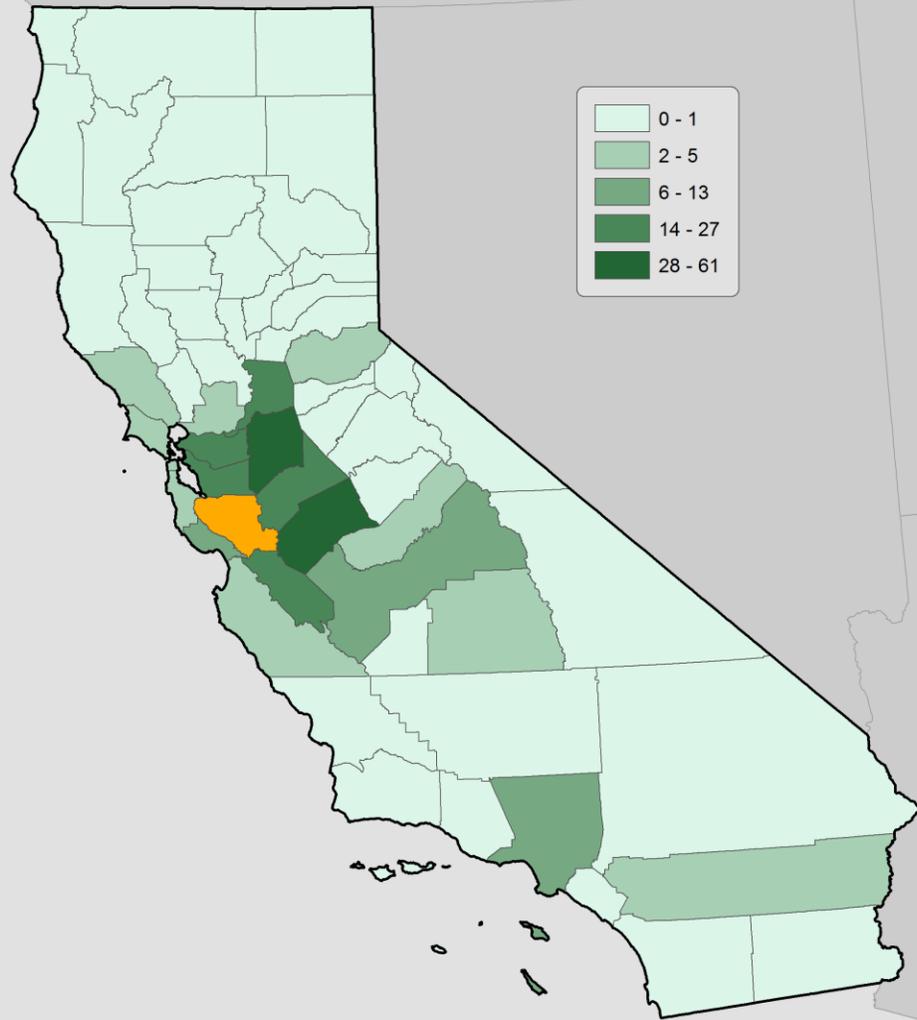
Santa Clara County experienced growth in total caseload from 2012 until the beginning of 2015.

Since January of 2015, however, total caseloads seem to be decreasing.

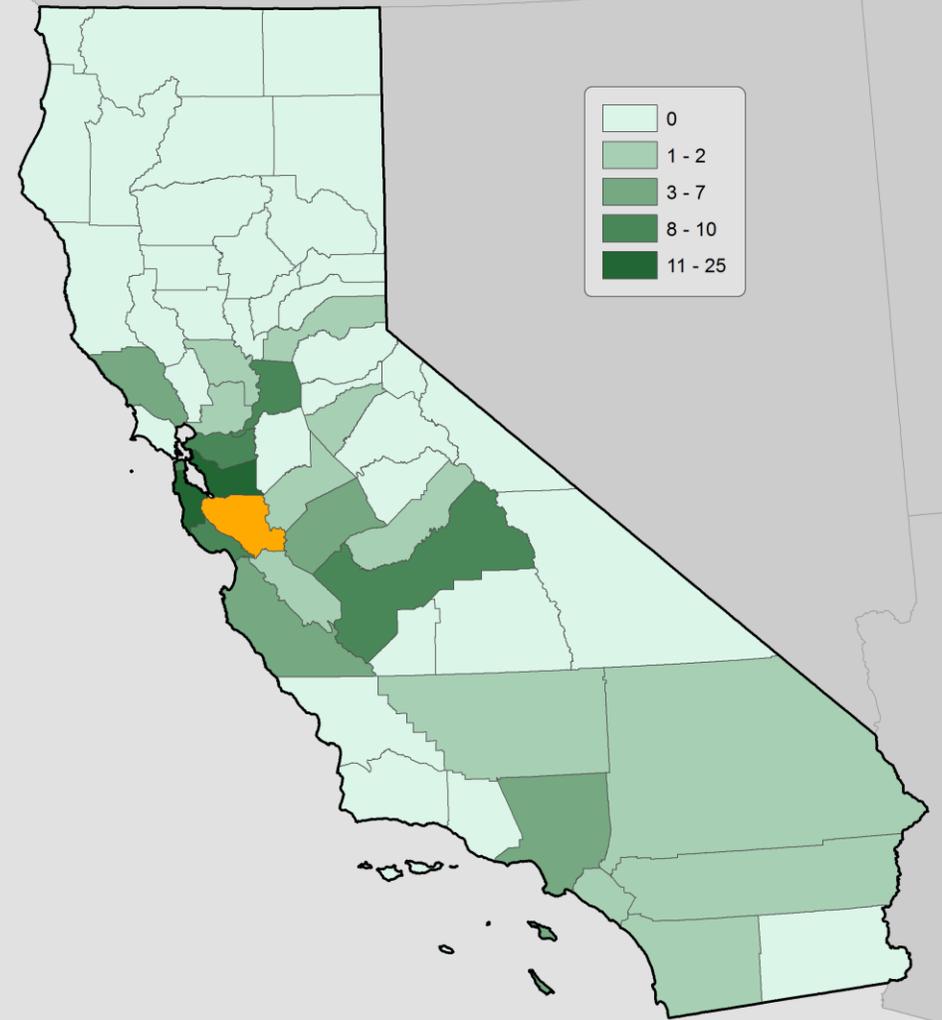
Change in Total Caseload Santa Clara County  
2012-2016



Flow of Children from Santa Clara County, Jan 2016

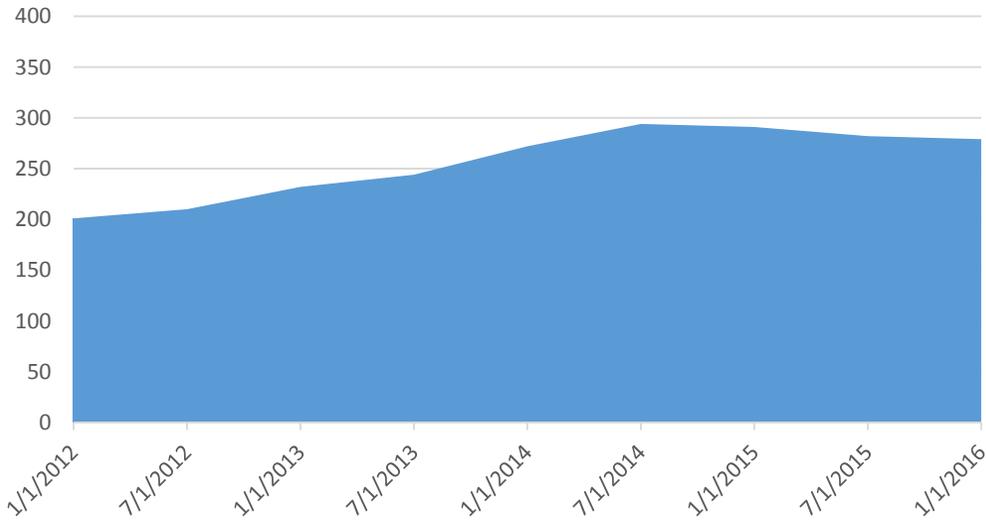


Flow of Children to Santa Clara County, Jan 2016

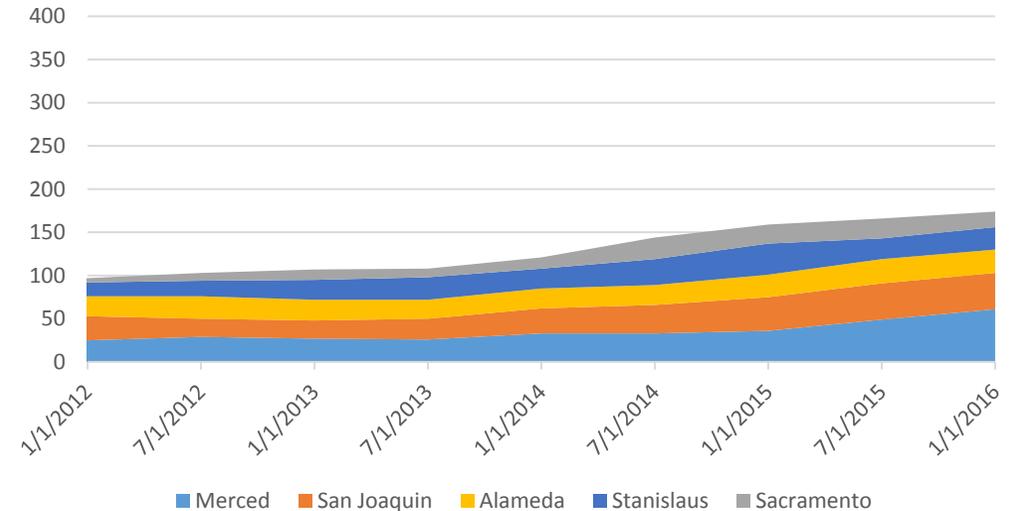


# Santa Clara County Outflow

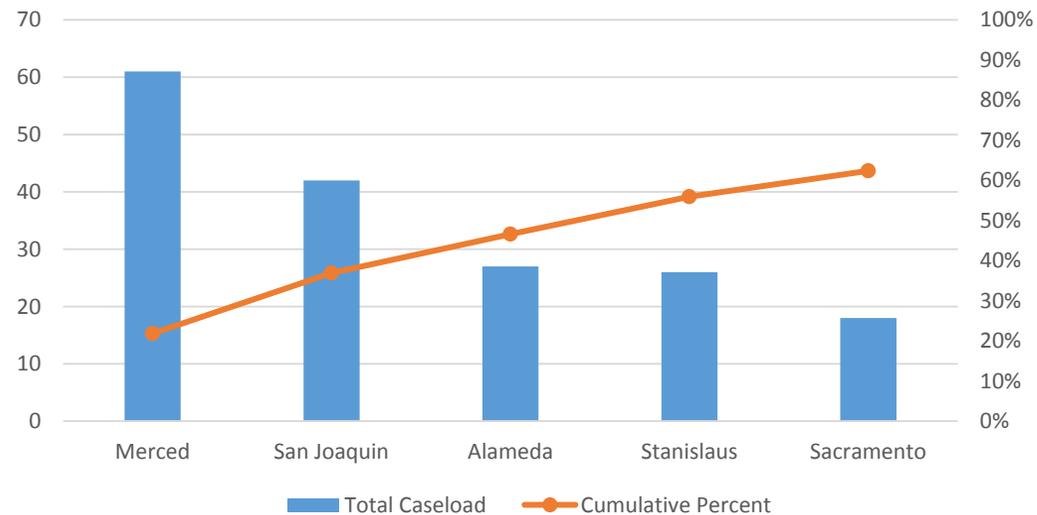
## Change in Outflow Caseload, Santa Clara County (All)



## Change in Outflow Caseload, Santa Clara County (Top 5)

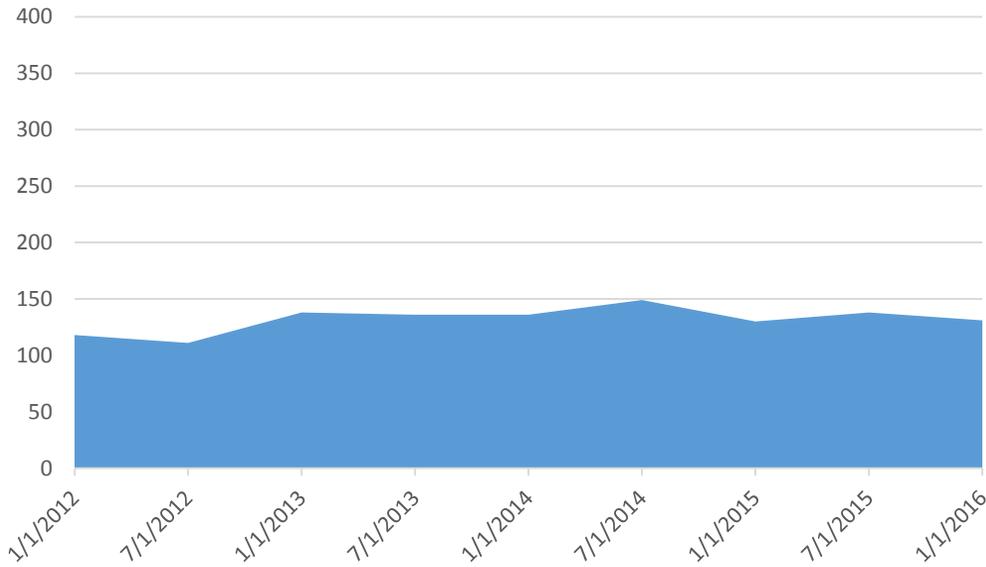


## Total Outflow Caseload, Santa Clara County (Top 5, Jan. 2016)

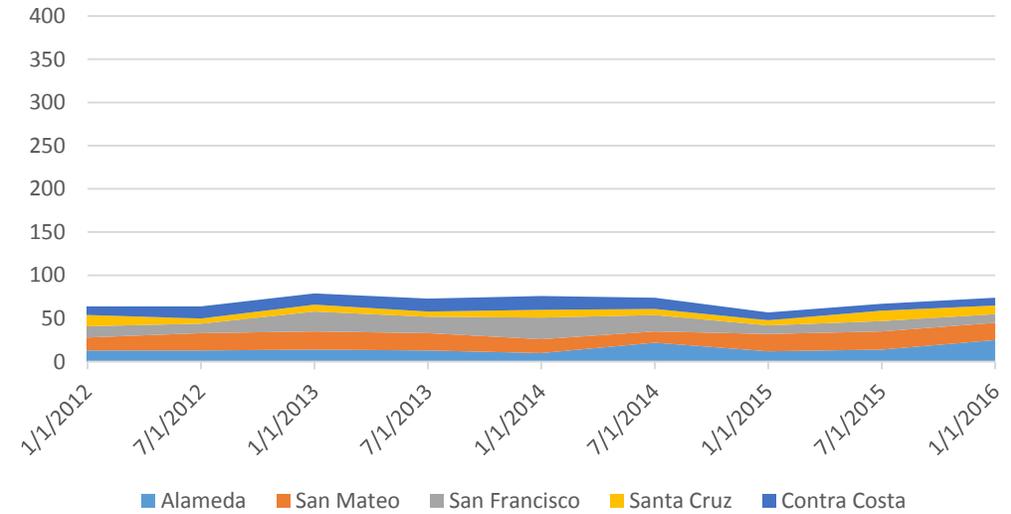


# Santa Clara County Inflow

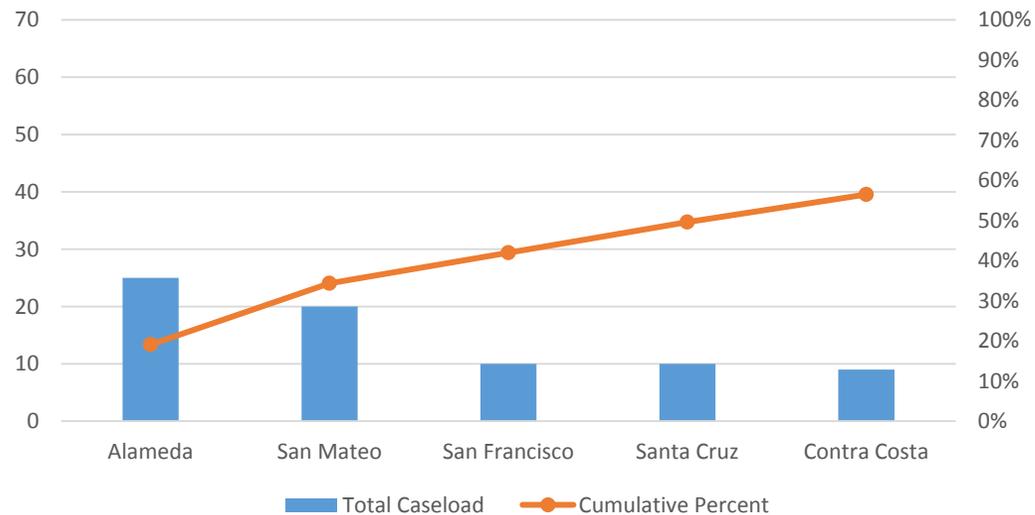
## Change in Inflow Caseload, Santa Clara County (All)



## Change in Inflow Caseload, Santa Clara County (Top 5)



## Total Inflow Caseload, Santa Clara County (Top 5, Jan. 2016)

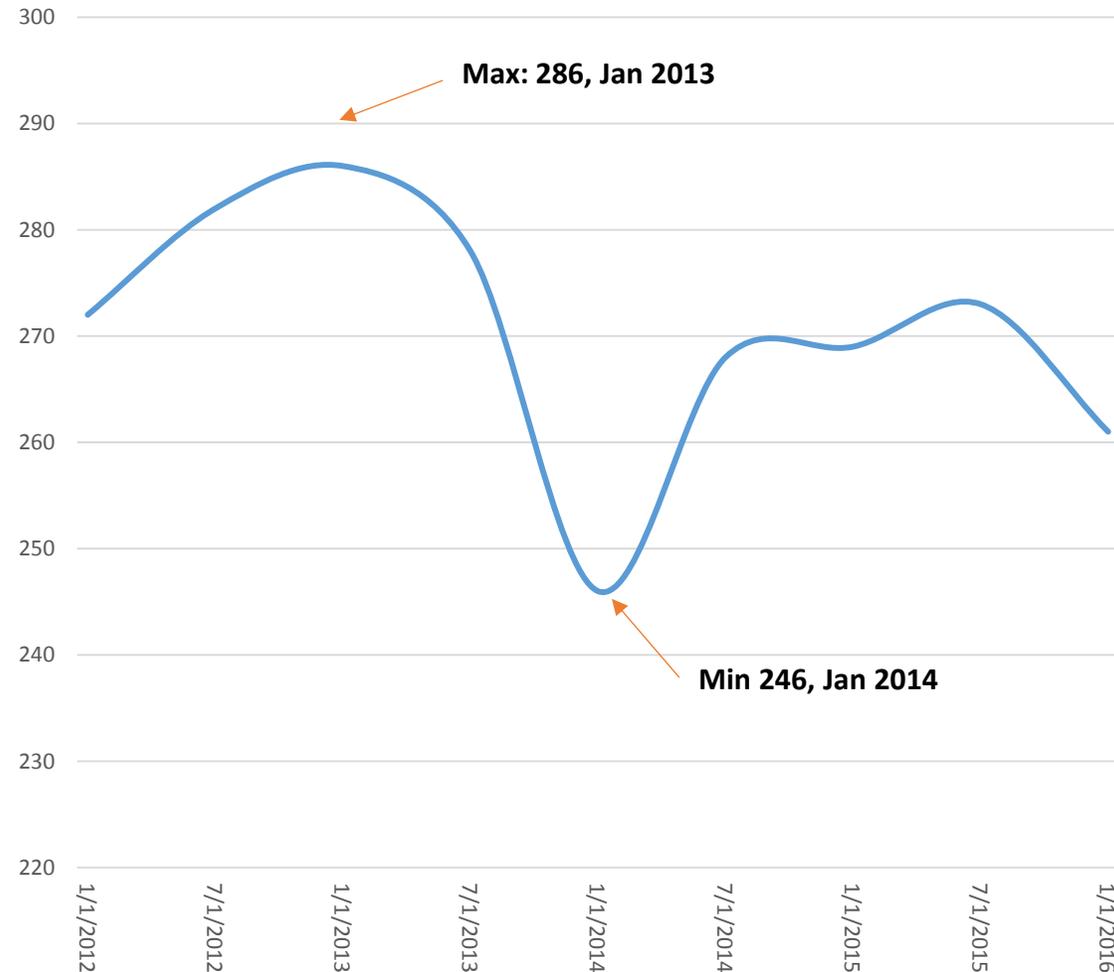


# Trauma Transformed: County to County Population Flow Analysis

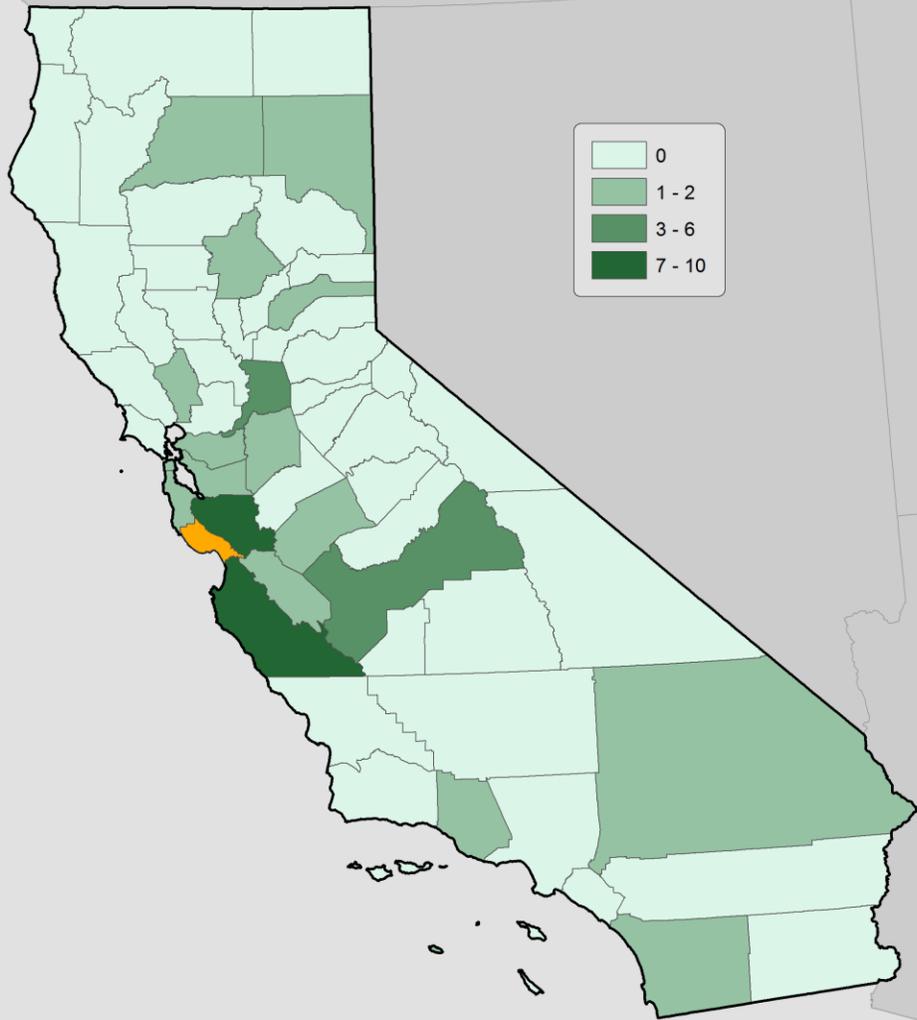
## Composition of Santa Cruz County:

Despite a swing in 2013, total caseload in Santa Cruz county has been largely stable, or slightly downward trending, since 2012.

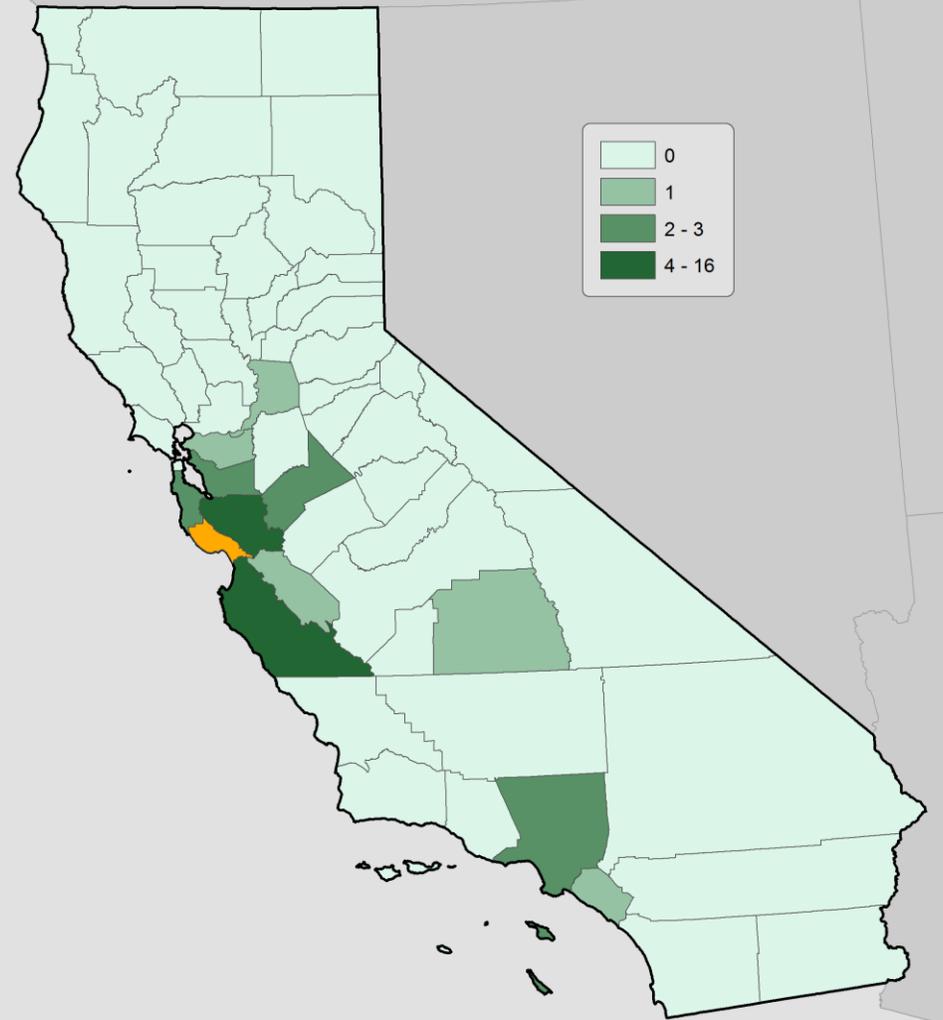
Change in Total Caseload Santa Cruz County  
2012-2016



Flow of Children from Santa Cruz County, Jan 2016

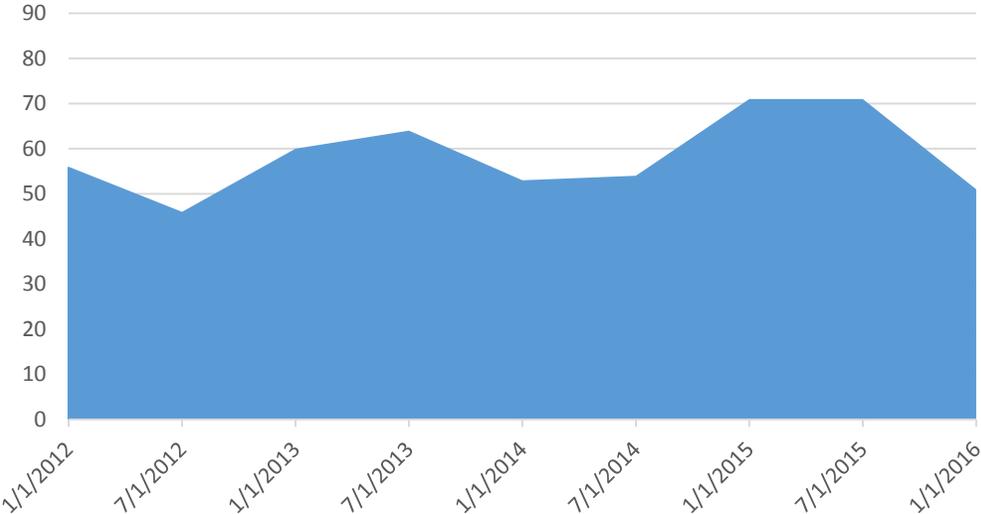


Flow of Children to Santa Cruz County, Jan 2016

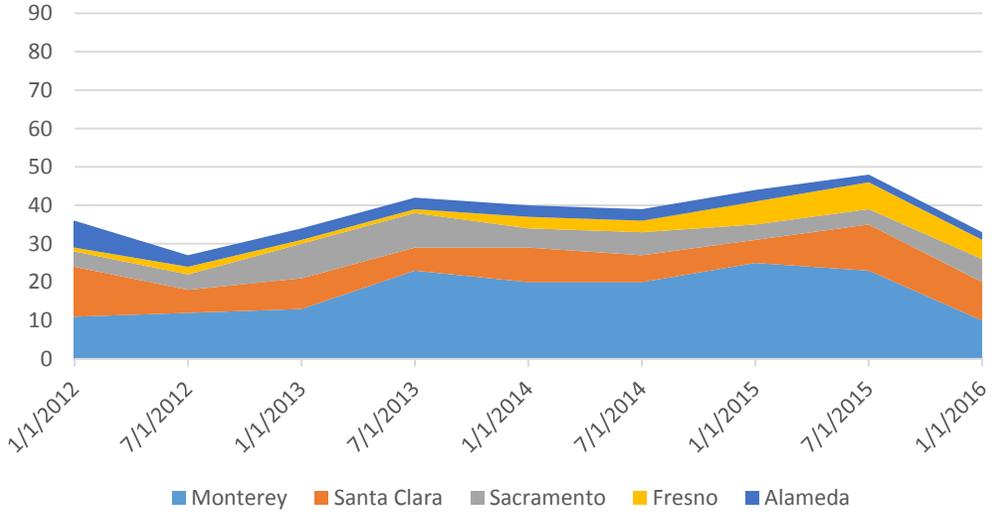


# Santa Cruz County Outflow

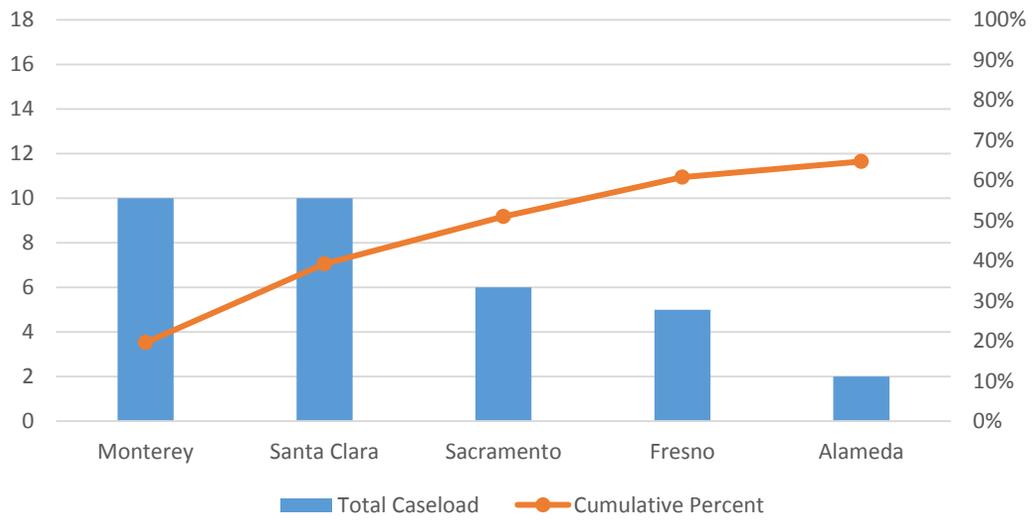
Change in Outflow Caseload, Santa Cruz County (All)



Change in Outflow Caseload, Santa Cruz County (Top 5)

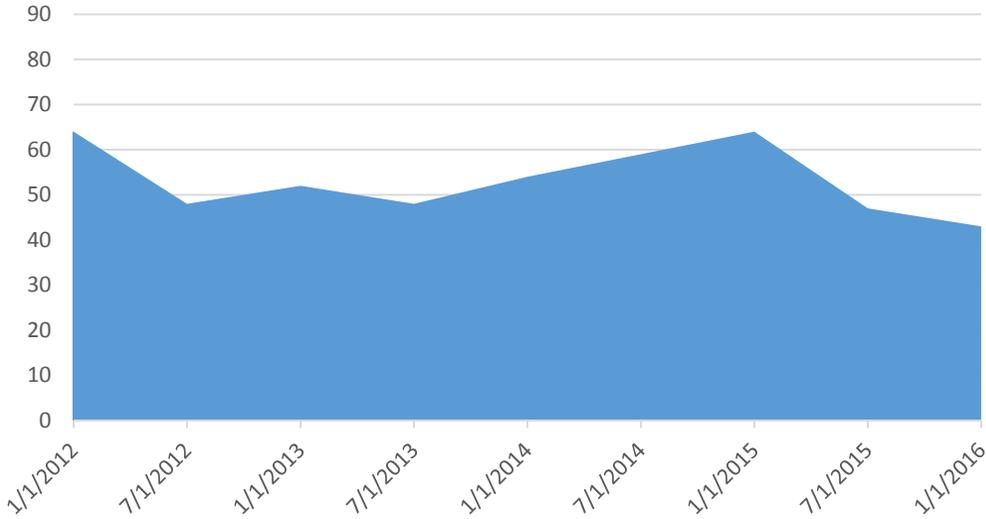


Total Outflow Caseload, Santa Cruz County (Top 5, Jan. 2016)

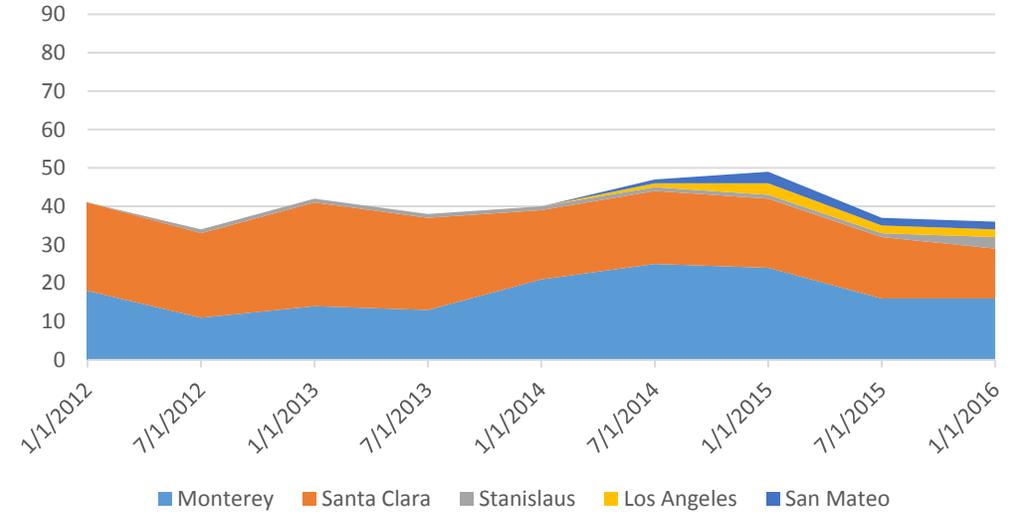


# Santa Cruz County Inflow

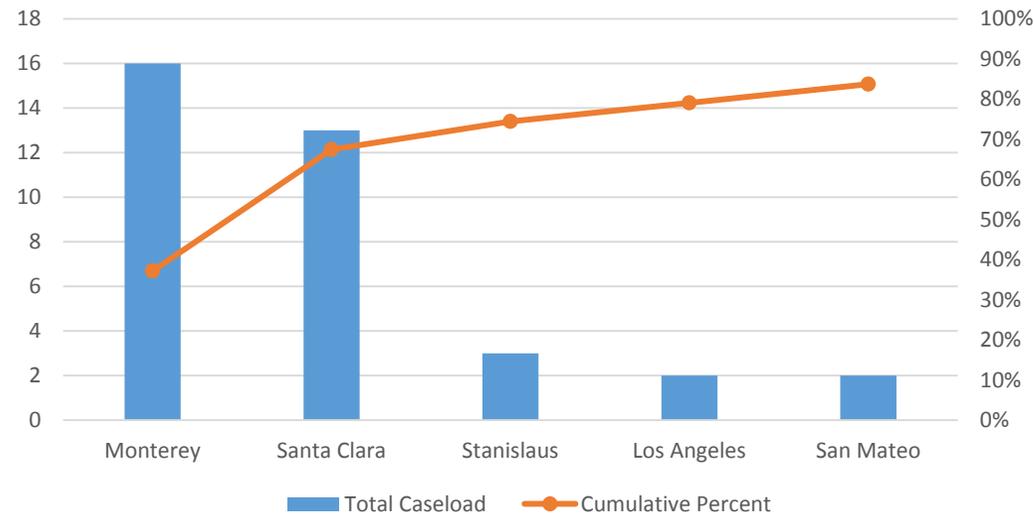
## Change in Inflow Caseload, Santa Cruz County (All)



## Change in Inflow Caseload, Santa Cruz County (Top 5)



## Total Inflow Caseload, Santa Cruz County (Top 5, Jan. 2016)

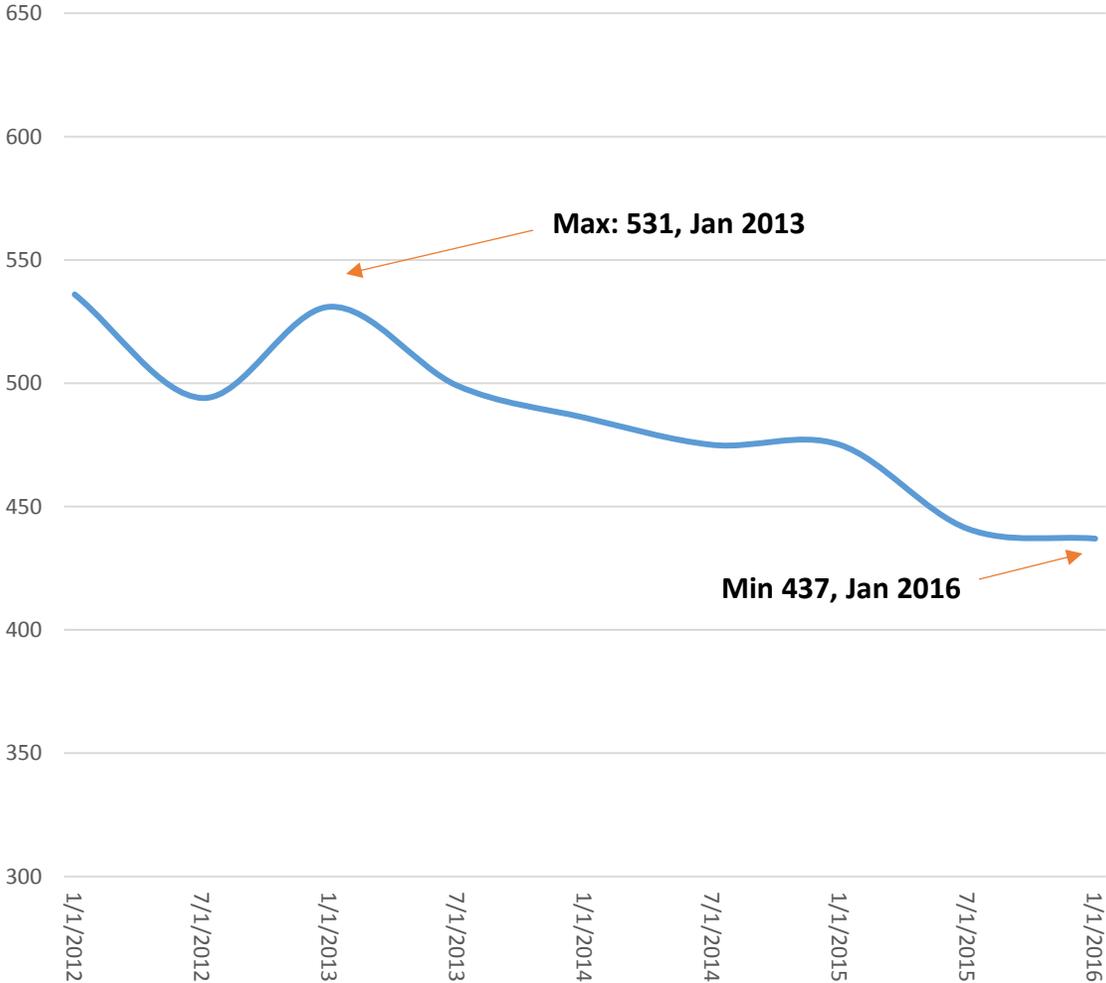


# Trauma Transformed: County to County Population Flow Analysis

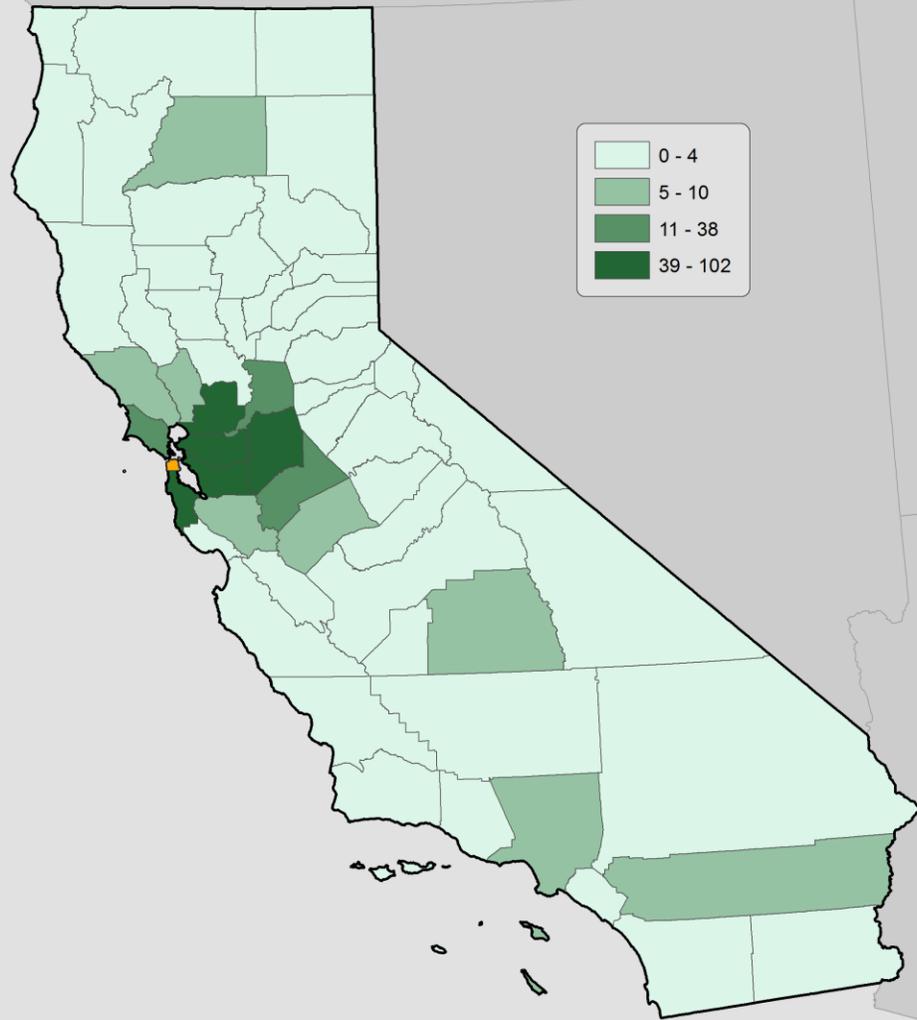
## Composition of San Francisco County:

Total caseloads in San Francisco have been decreasing since 2012.

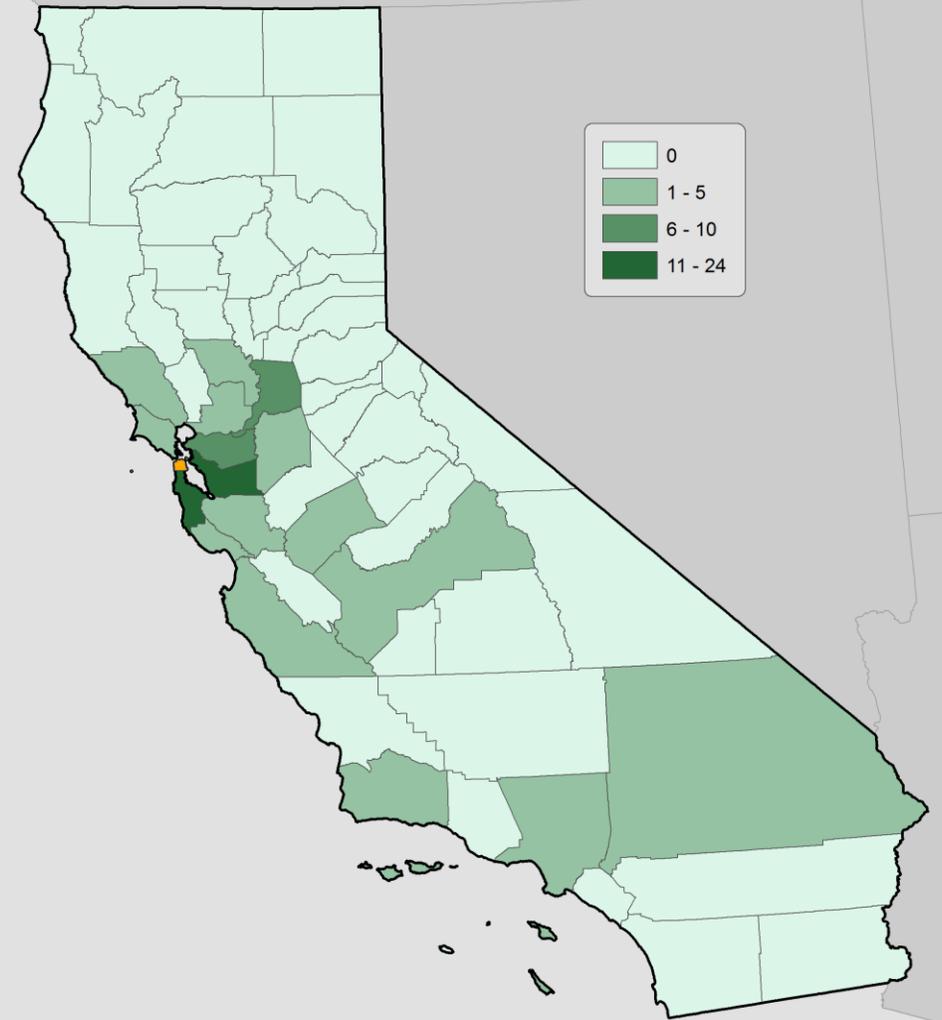
Change in Total Caseload San Francisco County  
2012-2016



Flow of Children from San Francisco County, Jan 2016

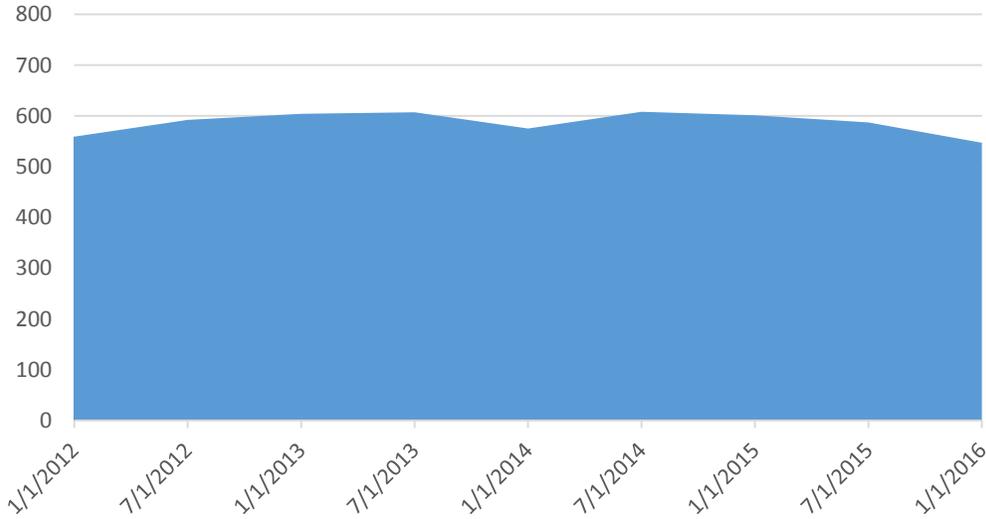


Flow of Children to San Francisco County, Jan 2016

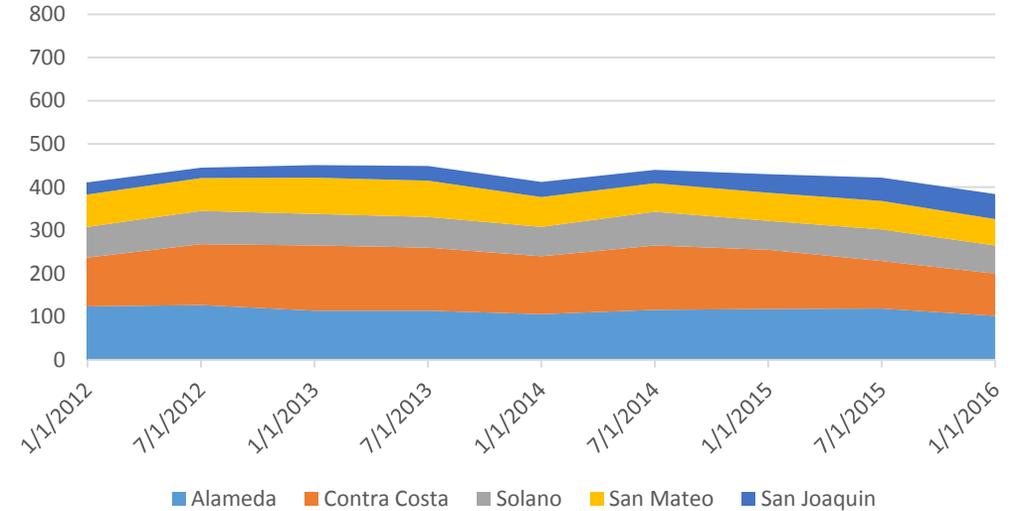


# San Francisco County Outflow

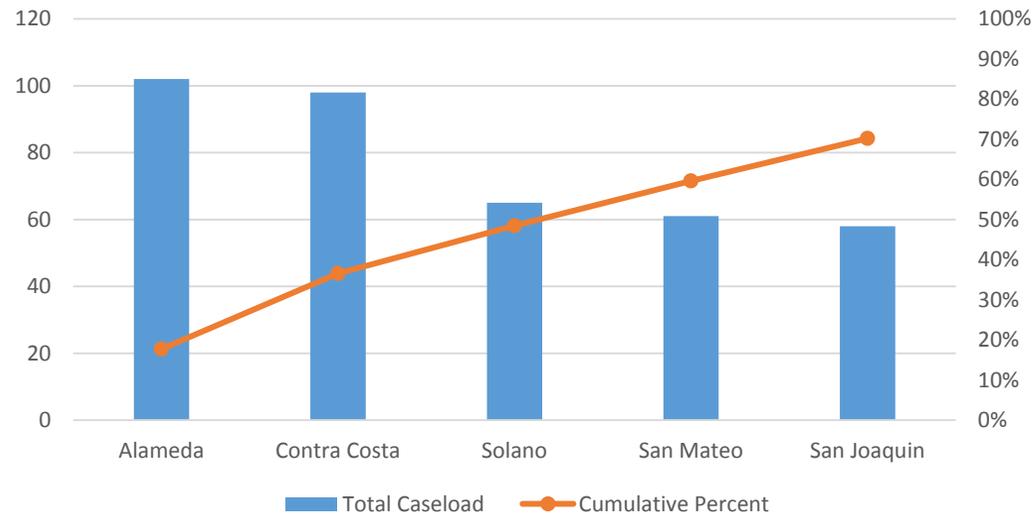
Change in Outflow Caseload, San Francisco County (All)



Change in Outflow Caseload, San Francisco County (Top 5)

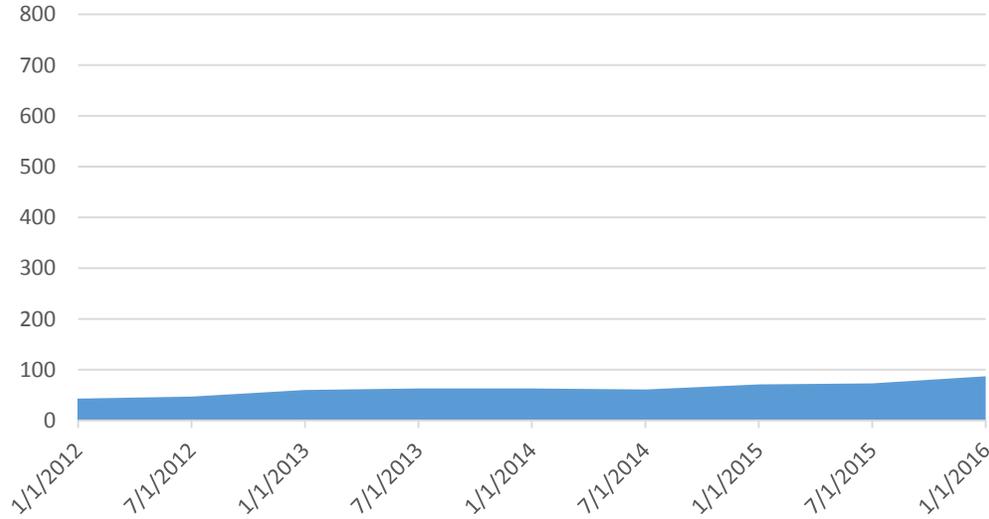


Total Outflow Caseload, San Francisco County (Top 5, Jan. 2016)

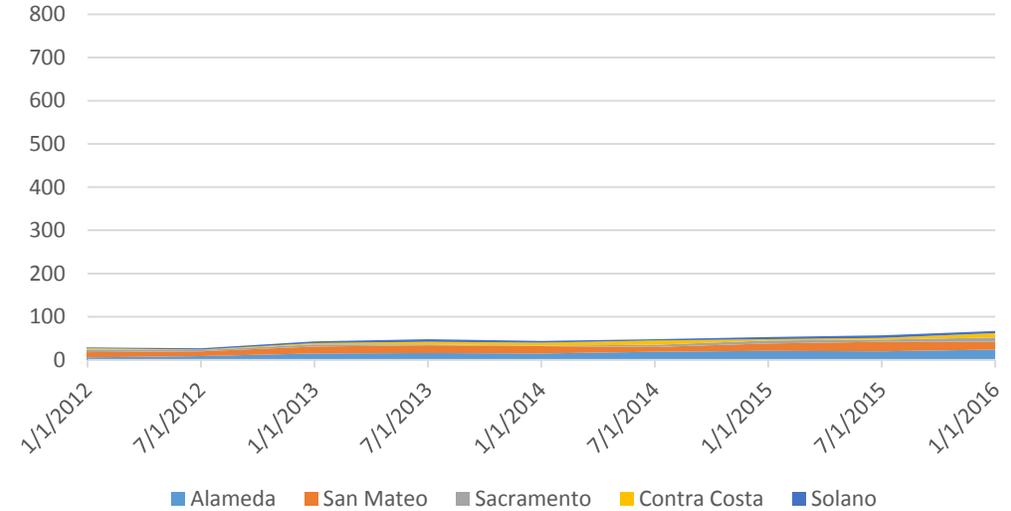


# San Francisco County Inflow

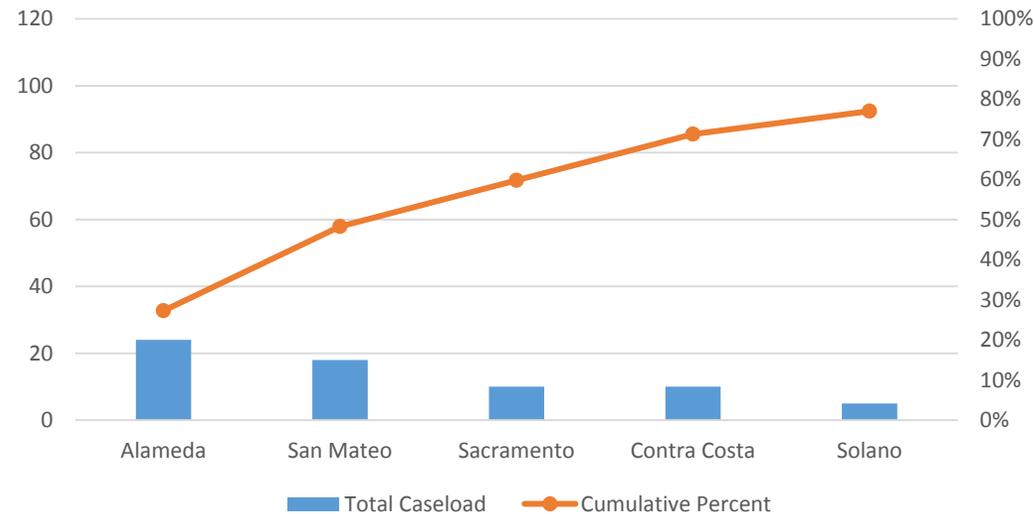
## Change in Inflow Caseload, San Francisco County (All)



## Change in Inflow Caseload, San Francisco County (Top 5)



## Total Inflow Caseload, San Francisco County (Top 5, Jan. 2016)



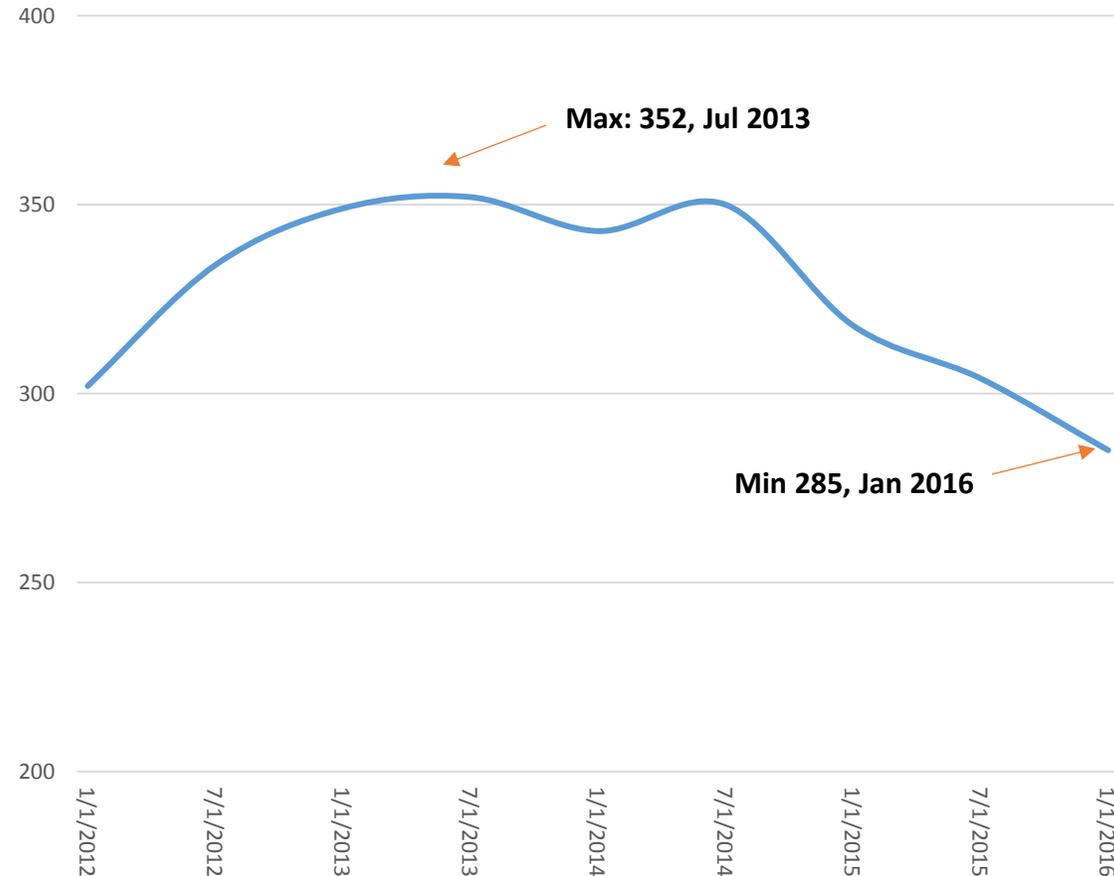
# Trauma Transformed: County to County Population Flow Analysis

## Composition of San Mateo County:

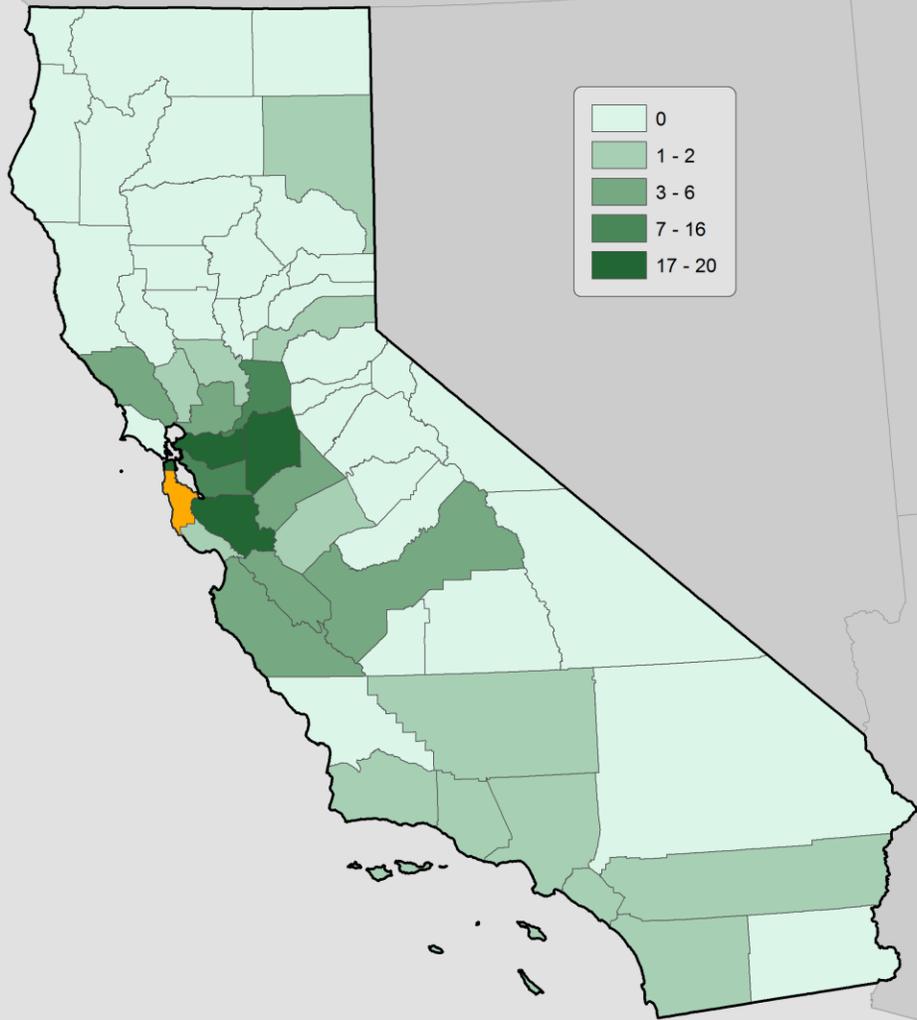
San Mateo County saw an increase in total caseload from 2012 to 2013.

Since the end of 2013, however, total caseloads have decreased significantly.

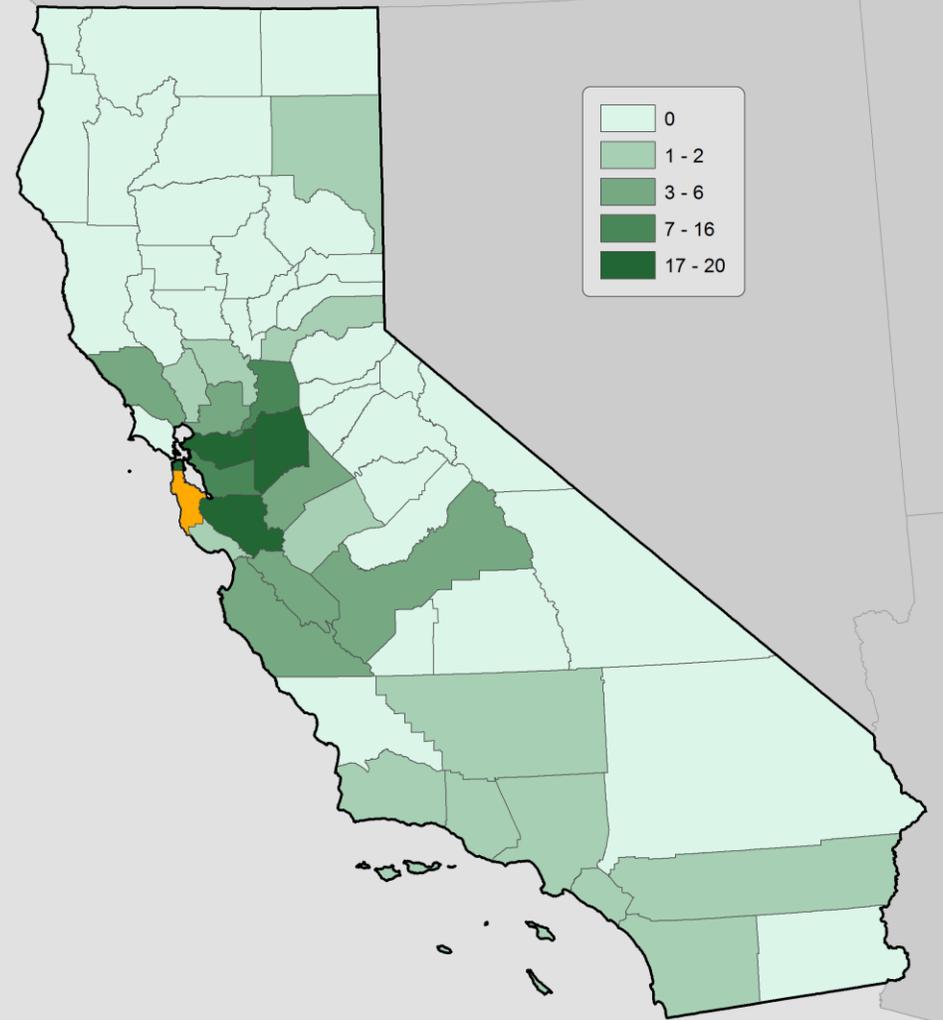
Change in Total Caseload San Mateo County  
2012-2016



Flow of Children from San Mateo County, Jan 2016

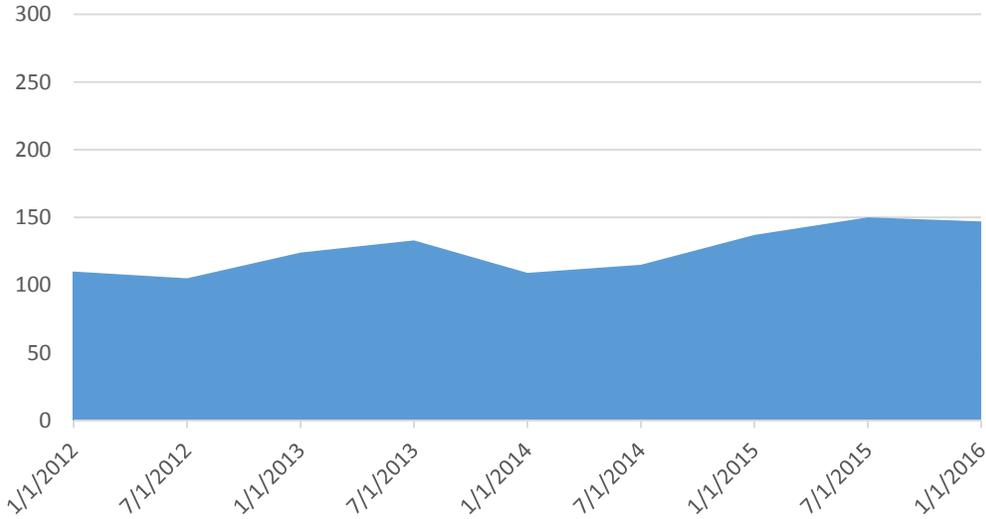


Flow of Children to San Mateo County, Jan 2016

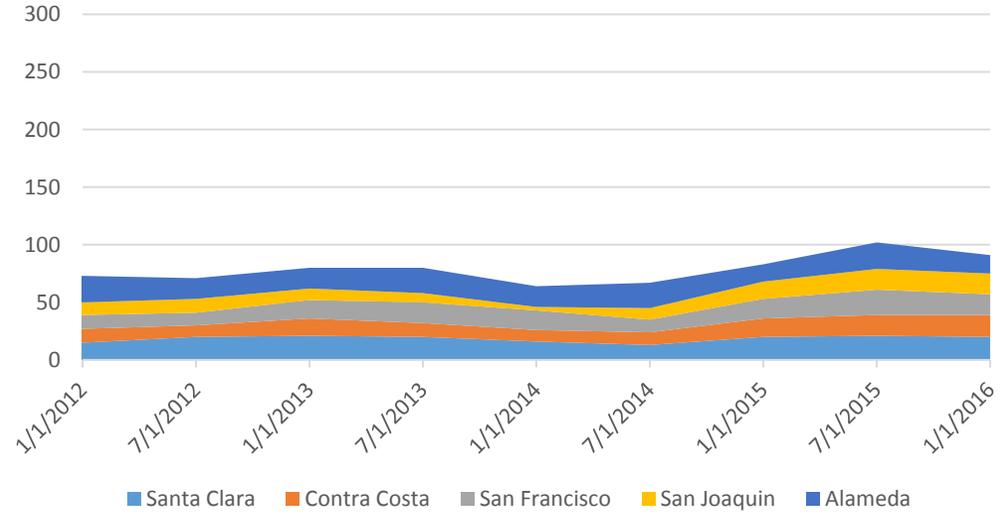


# San Mateo County Outflow

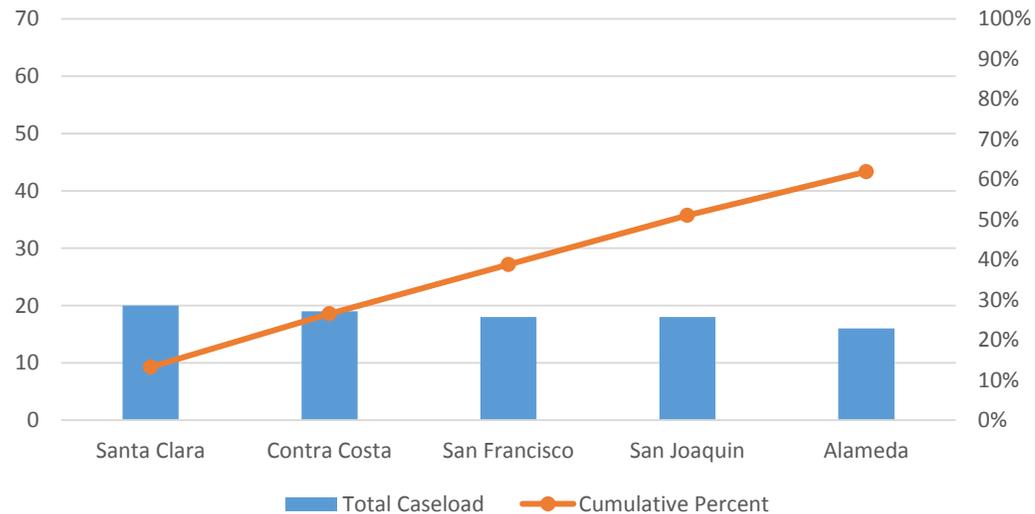
## Change in Outflow Caseload, San Mateo County (All)



## Change in Outflow Caseload, San Mateo County (Top 5)

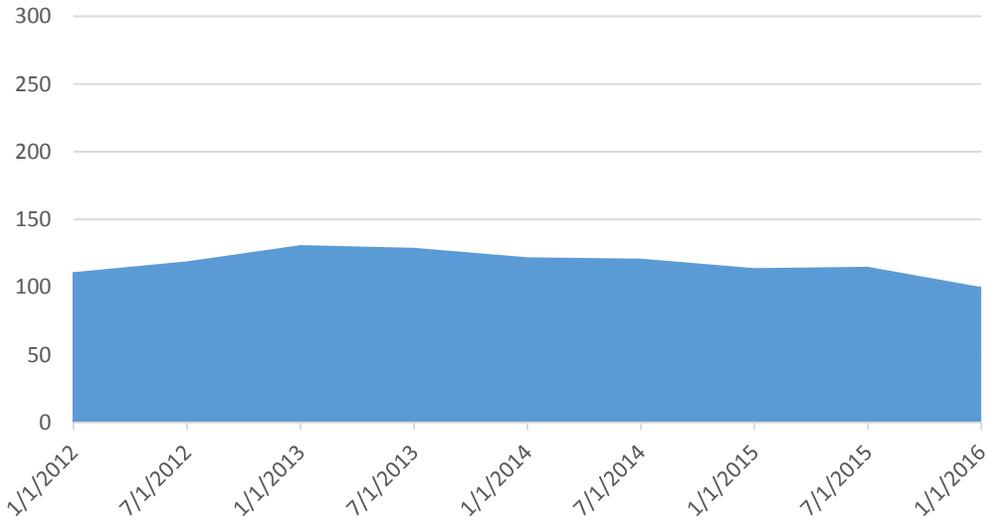


## Total Outflow Caseload, San Mateo County (Top 5, Jan. 2016)

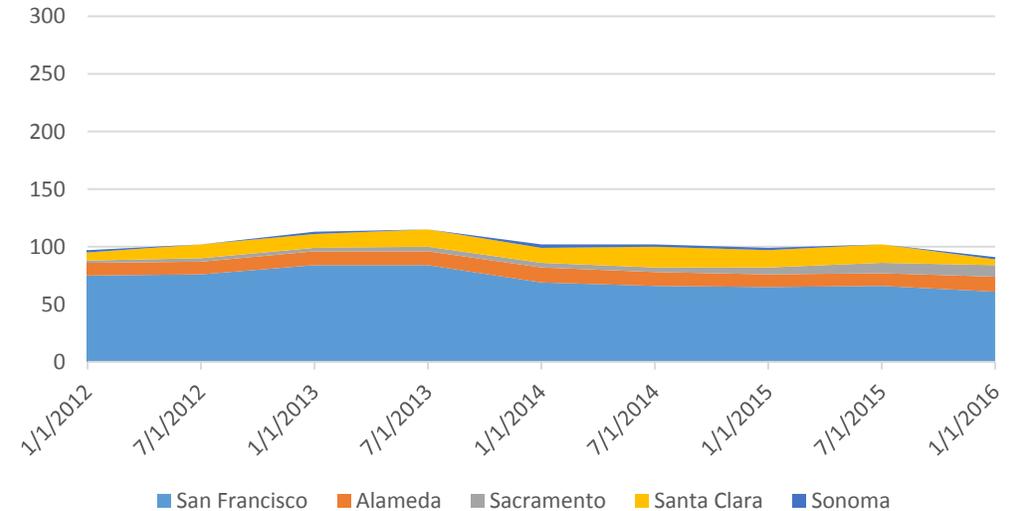


# San Mateo County Inflow

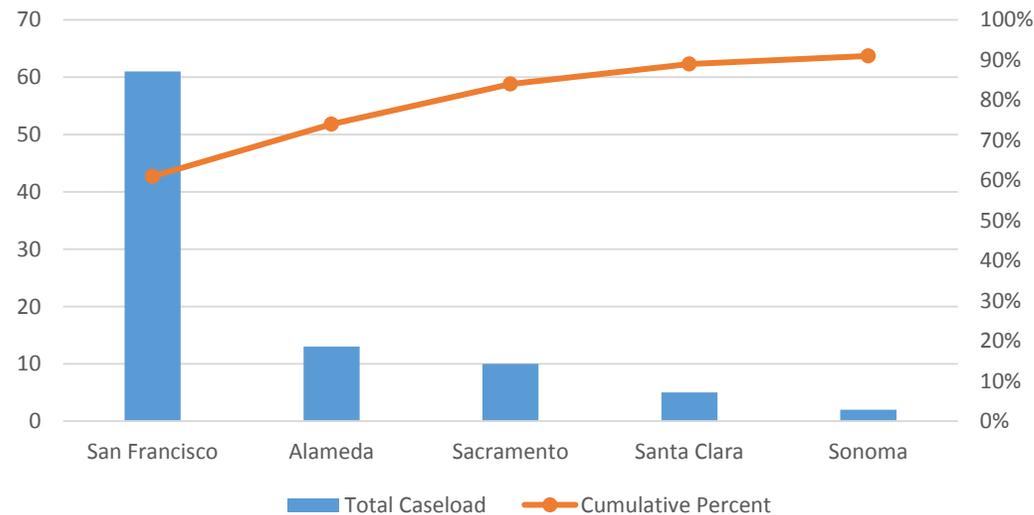
## Change in Inflow Caseload, San Mateo County (All)



## Change in Inflow Caseload, San Mateo County (Top 5)



## Total Inflow Caseload, San Mateo County (Top 5, Jan. 2016)



**Mike Stiehl**

Senior Policy Analyst

Chapin Hall at the University of Chicago

1313 East 60<sup>th</sup> Street

Chicago, IL 60637

Phone: 773-882-0296

E-Mail: [mstiehl@chapinhall.org](mailto:mstiehl@chapinhall.org)

[www.chapinhall.org](http://www.chapinhall.org)