

# Income mapping in the USA: Analysis

IncomeMapper

11/3/2020

```
head(params$data)
```

##	id	State_Code	State_Name	State_ab	County	City	Place	Type	Primary
## 1	1011000	1	Alabama	AL	Mobile County	Chickasaw	Chickasaw city	City	place
## 3	1011020	1	Alabama	AL	Shelby County	Columbiana	Columbiana city	City	place
## 4	1011030	1	Alabama	AL	Mobile County	Satsuma	Creola city	City	place
## 5	1011040	1	Alabama	AL	Mobile County	Dauphin Island	Dauphin Island	Town	place
## 29	1011280	1	Alabama	AL	Mobile County	Mobile	Mobile city	City	place
## 42	1011410	1	Alabama	AL	Mobile County	Satsuma	Saraland city	City	place
##	Lat	Lon	Mean	Median	Stdev	sum_w			
## 1	30.77145	-88.07970	38773	30506	33101	1638.2605			
## 3	33.19145	-86.61562	54606	31930	57348	926.0310			
## 4	30.87434	-88.00944	63919	52814	47707	378.1146			
## 5	30.25091	-88.17127	77948	67225	54270	282.3203			
## 29	30.66843	-88.10023	53330	38231	50855	51243.6484			
## 42	30.85458	-88.10993	59567	52275	43545	3110.4861			

## States

```
# Selected states
if(is.null(params$selState)){
  print('None selected')
}else{
  params$selState
}
```

```
## [1] "Alaska"
```

## Counties

```
# Selected counties
if(is.null(params$selCounty)){
  print('None selected')
}else{
  params$selCounty
}
```

```
## [1] "Mobile County" "Shelby County"
```

## Income range

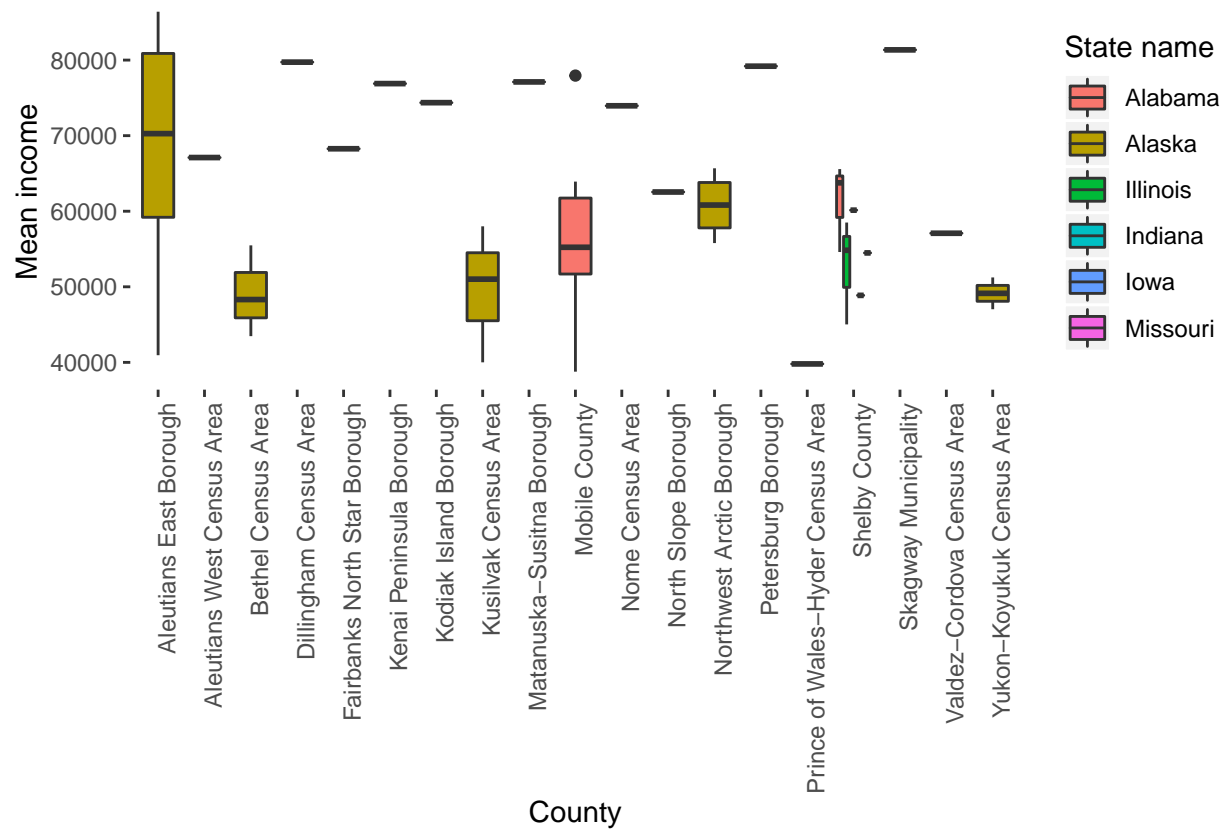
```
# Min and max income selected  
params$income_min
```

```
## [1] 35817
```

```
params$income_max
```

```
## [1] 89105.8
```

## Boxplot of mean income by county



## Bar plot of standard deviation in income by county

