

## Section D: Missouri Trend Data

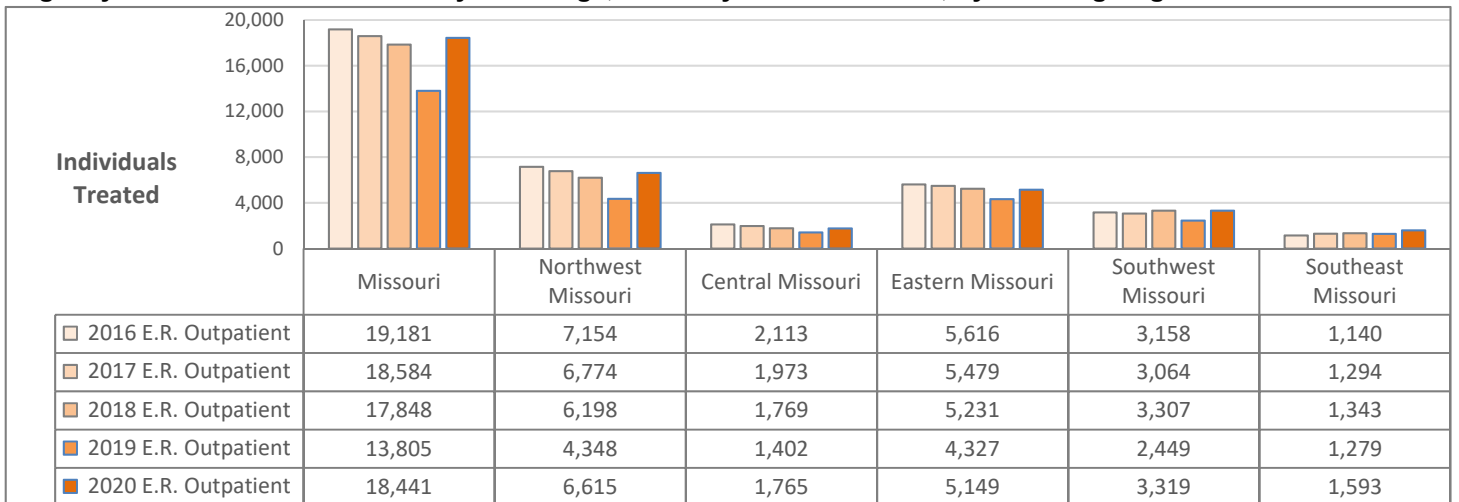
Click on the [red links](#) or scroll down to view the pages in this section that are currently available.

PAGE #

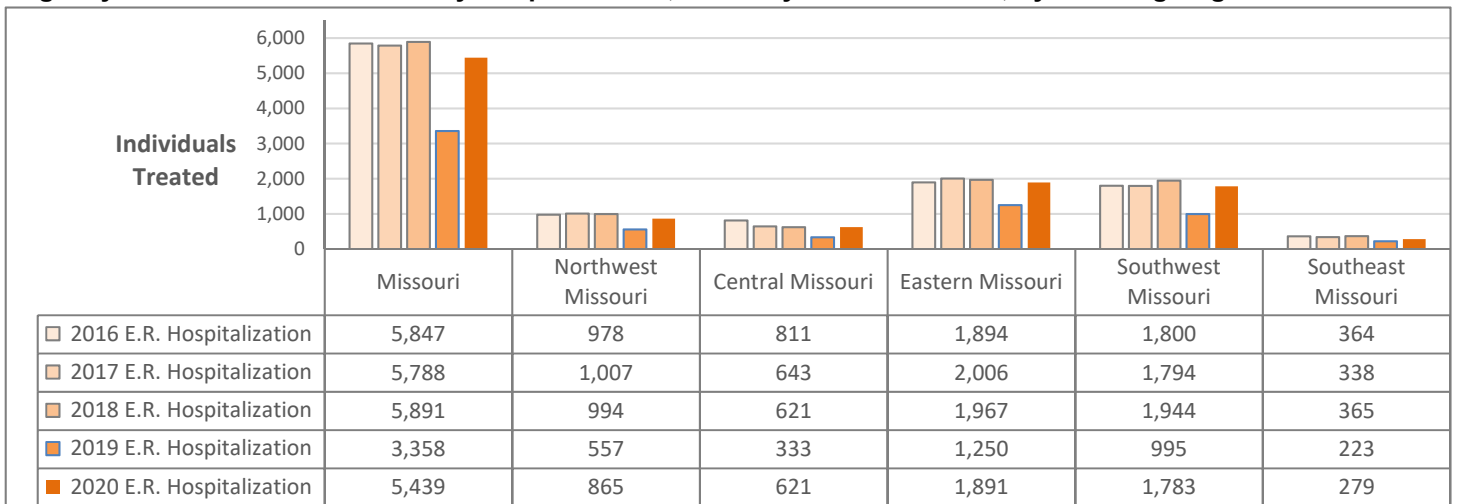
Emergency Room and Hospital Services for Alcohol Use Disorders	<a href="#">D-01</a>
Emergency Room and Hospital Services for Drug Use Disorders	<a href="#">D-02</a>
Emergency Room and Hospital Services for Mental Disorders	<a href="#">D-03</a>
Diseases Associated with Substance Use	<a href="#">D-04</a>
Births Associated with Substance Use	<a href="#">D-05</a>
Deaths Associated with Substance Use and Mental Health Issues	<a href="#">D-06</a>
Traffic Crashes involving Alcohol Use	<a href="#">D-07</a>
Traffic Crashes involving Drug Use	<a href="#">D-08</a>
Recreational Boating Crashes involving Substance Use	<a href="#">D-09</a>
Alcohol and Drug Arrests	<a href="#">D-10</a>
Juvenile Court Referrals	<a href="#">D-11</a>
Juvenile Status Offenses	<a href="#">D-12</a>
Child Abuse Referrals	<a href="#">D-13</a>
Out-of-Home Placements of Children	<a href="#">D-14</a>
Substance Related Justice Services	<a href="#">D-15</a>
Per Capita Alcohol Consumption	<a href="#">D-16</a>
Liquor Licenses	<a href="#">D-17</a>
Cigarette Sales	<a href="#">D-18</a>
Unemployment	<a href="#">D-19</a>
Poverty	<a href="#">D-20</a>

## HOSPITAL TREATMENT FOR PRIMARY DIAGNOSIS OF ALCOHOL USE DISORDER

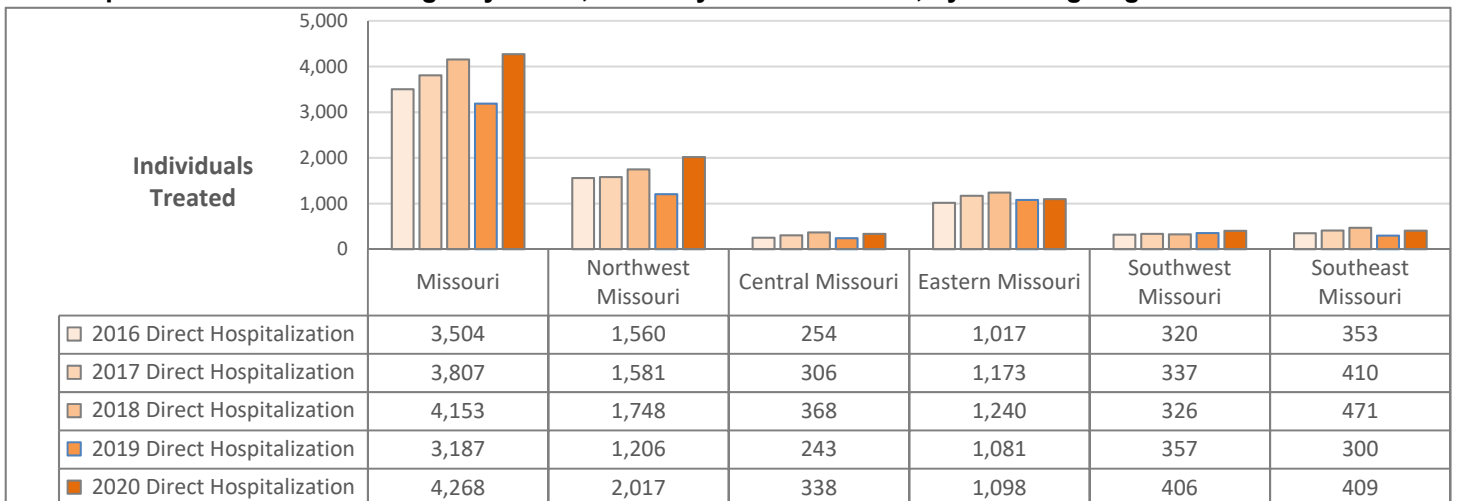
### Emergency Room Services followed by Discharge, Primarily for Alcohol Use, by Planning Region and Year



### Emergency Room Services followed by Hospitalization, Primarily for Alcohol Use, by Planning Region and Year



### Direct Hospitalization without Emergency Room, Primarily for Alcohol Use, by Planning Region and Year

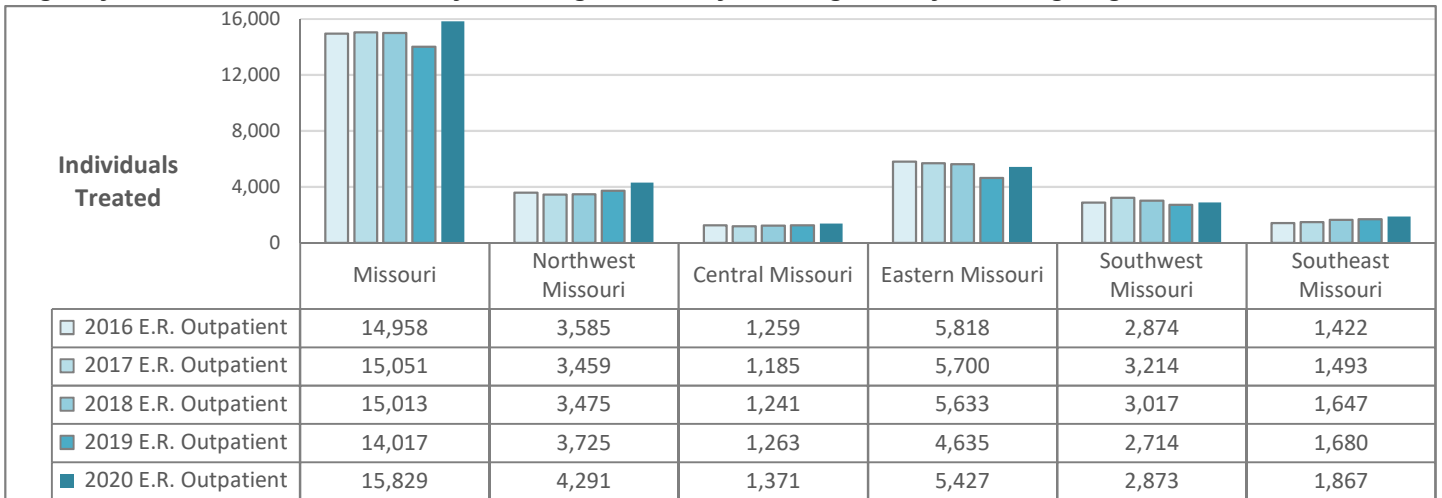


Data are aggregated to the Planning Regions used by the Missouri Department of Mental Health, Division of Behavioral Health. Counts for these charts are based on ICD-10 diagnosis codes selected by the national Healthcare Cost and Utilization Program (HCUP). Due to the transition from ICD-9 coding in 2015, data prior to 2016 are not included. Pre-2016 hospital counts are available in earlier Status Reports. Beginning with calendar year 2020 data, individuals with more than one treatment episode during the year are counted for each episode.

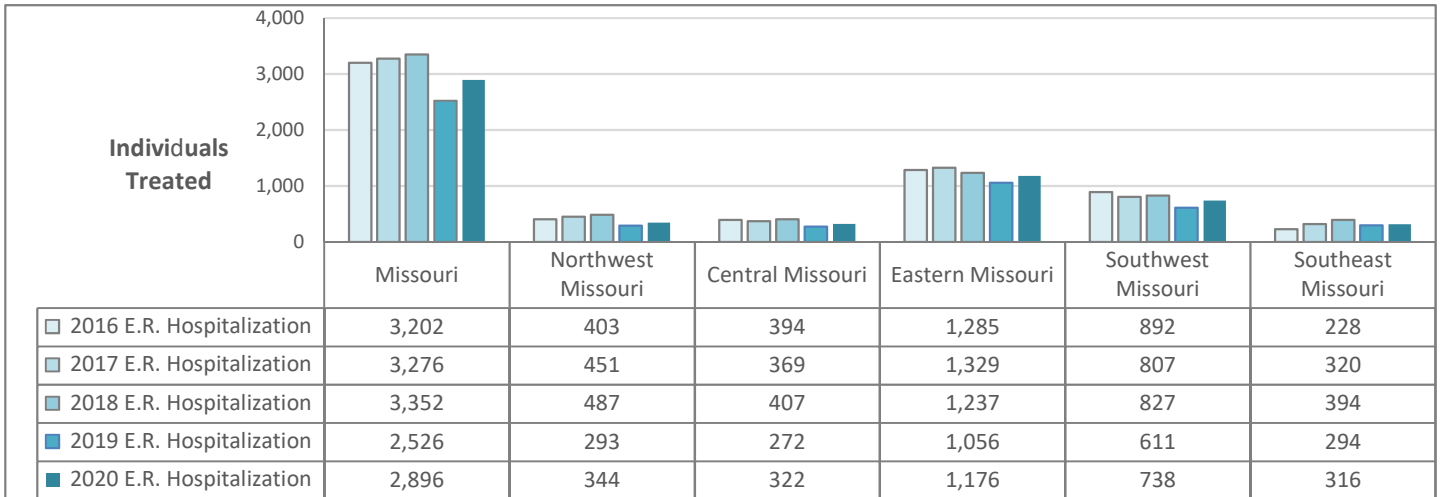
Data Source: Missouri Department of Health and Senior Services

## HOSPITAL TREATMENT FOR PRIMARY DIAGNOSIS OF DRUG USE DISORDER

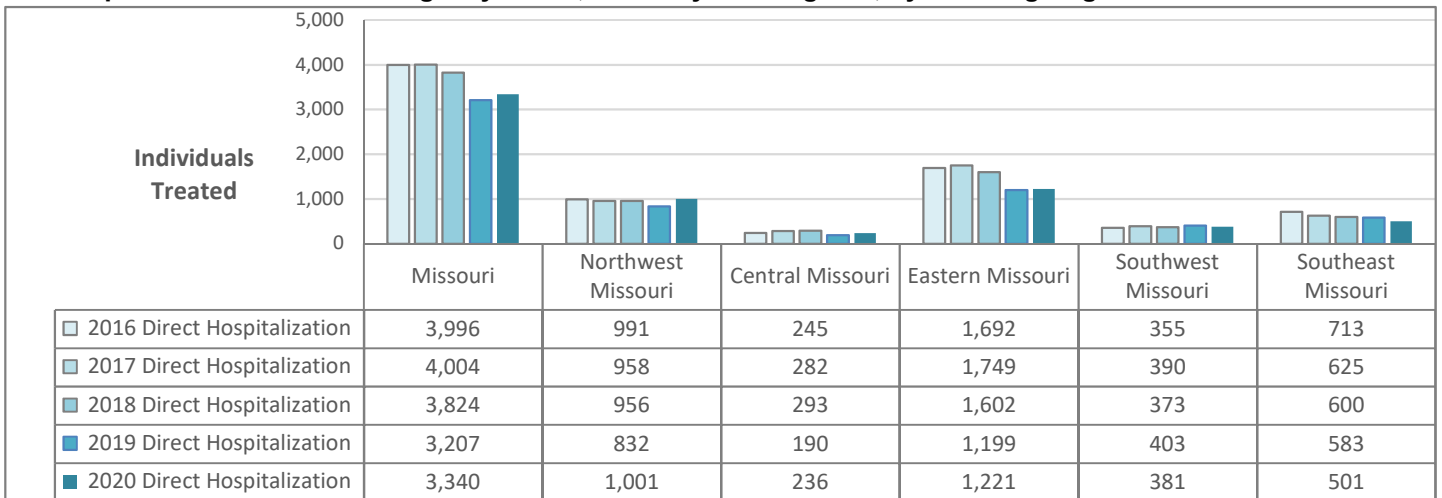
### Emergency Room Services followed by Discharge, Primarily for Drug Use, by Planning Region and Year



### Emergency Room Services followed by Hospitalization, Primarily for Drug Use, by Planning Region and Year



### Direct Hospitalization without Emergency Room, Primarily for Drug Use, by Planning Region and Year



Data are aggregated to the Planning Regions used by the Missouri Department of Mental Health, Division of Behavioral Health.

Counts for these charts are based on ICD-10 diagnosis codes selected by the national Healthcare Cost and Utilization Program (HCUP).

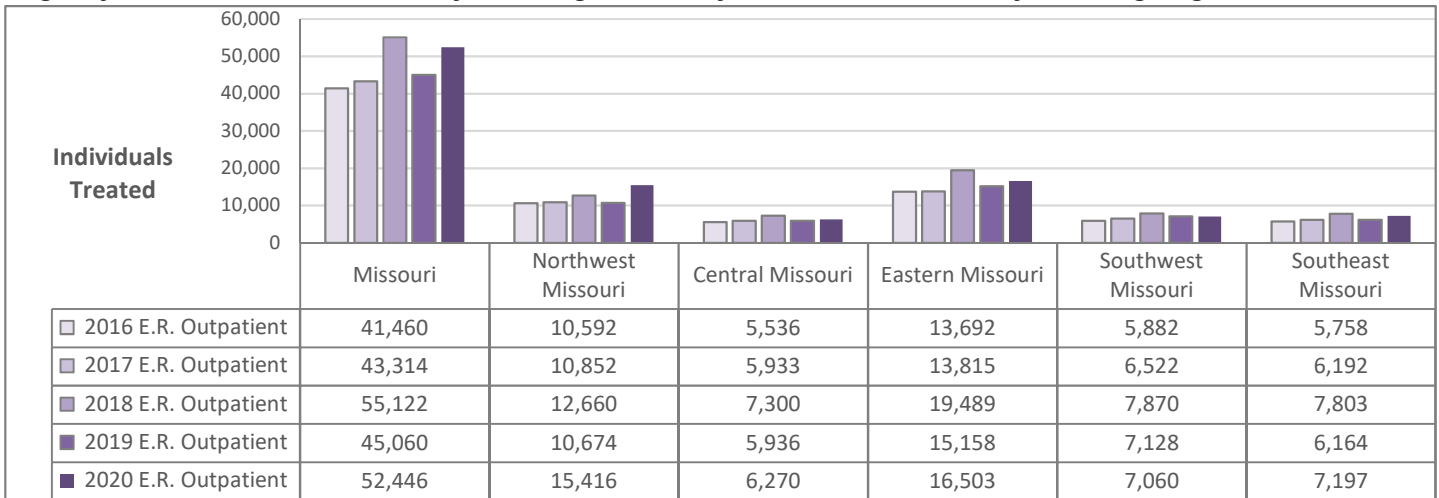
Due to the transition from ICD-9 coding in 2015, data prior to 2016 are not included. Pre-2016 hospital counts are available in earlier Status Reports.

Beginning with calendar year 2020 data, individuals with more than one treatment episode during the year are counted for each episode.

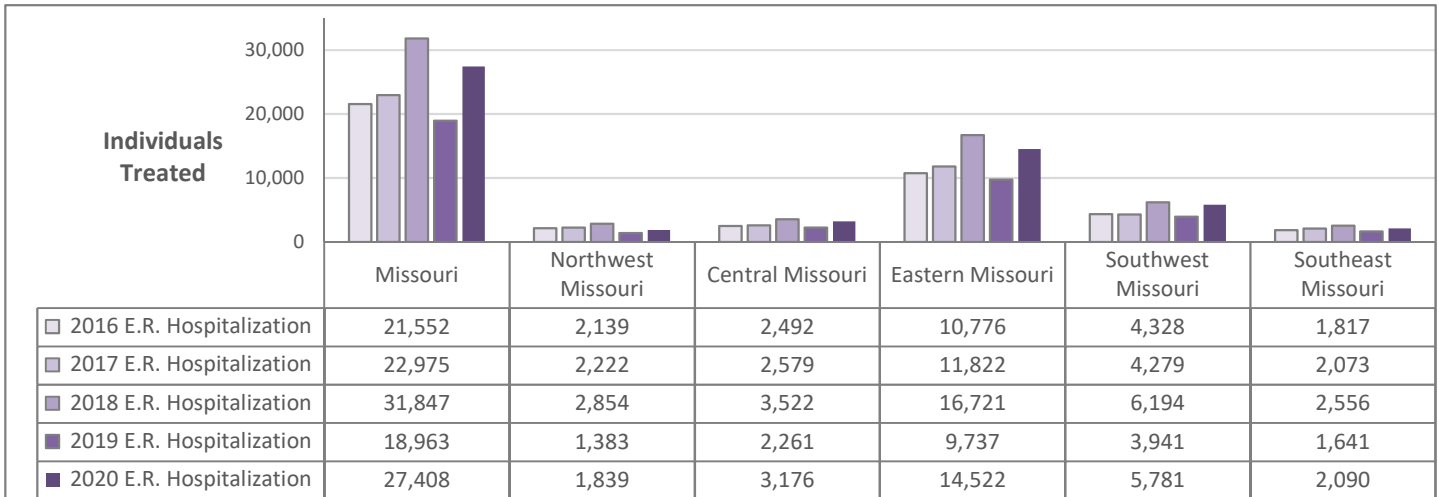
Data Source: Missouri Department of Health and Senior Services

## HOSPITAL TREATMENT FOR PRIMARY DIAGNOSIS OF MENTAL DISORDER

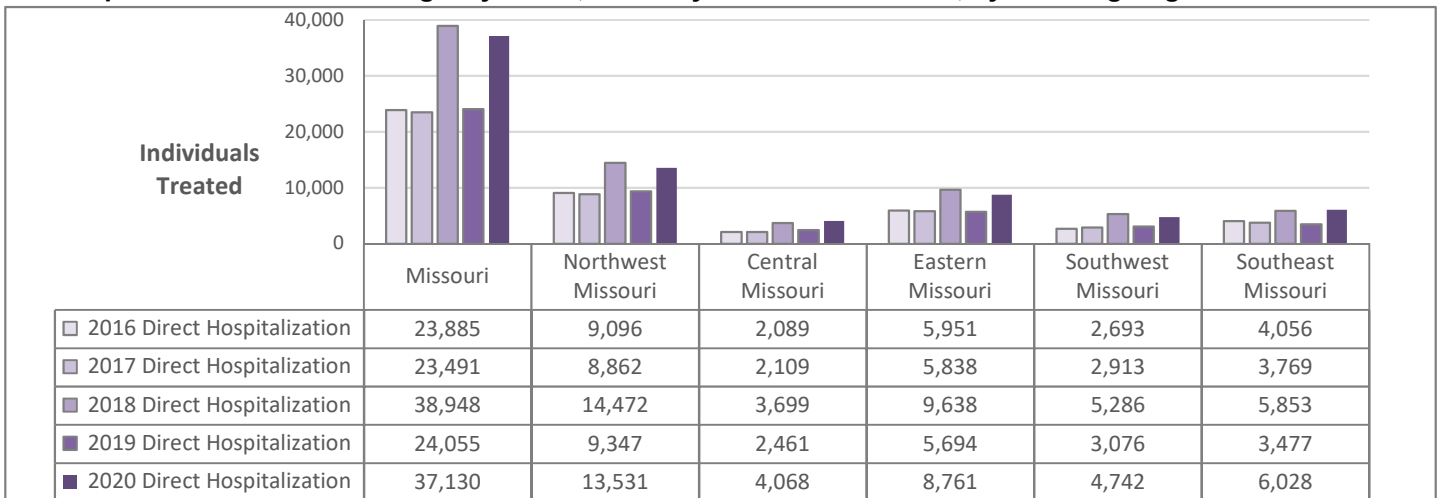
### Emergency Room Services followed by Discharge, Primarily for Mental Disorder, by Planning Region and Year



### Emergency Room Services followed by Hospitalization, Primarily for Mental Disorder, by Planning Region and Year



### Direct Hospitalization without Emergency Room, Primarily for Mental Disorder, by Planning Region and Year



Data are aggregated to the Planning Regions used by the Missouri Department of Mental Health, Division of Behavioral Health.

Counts for these charts are based on ICD-10 diagnosis codes selected by the national Healthcare Cost and Utilization Program (HCUP).

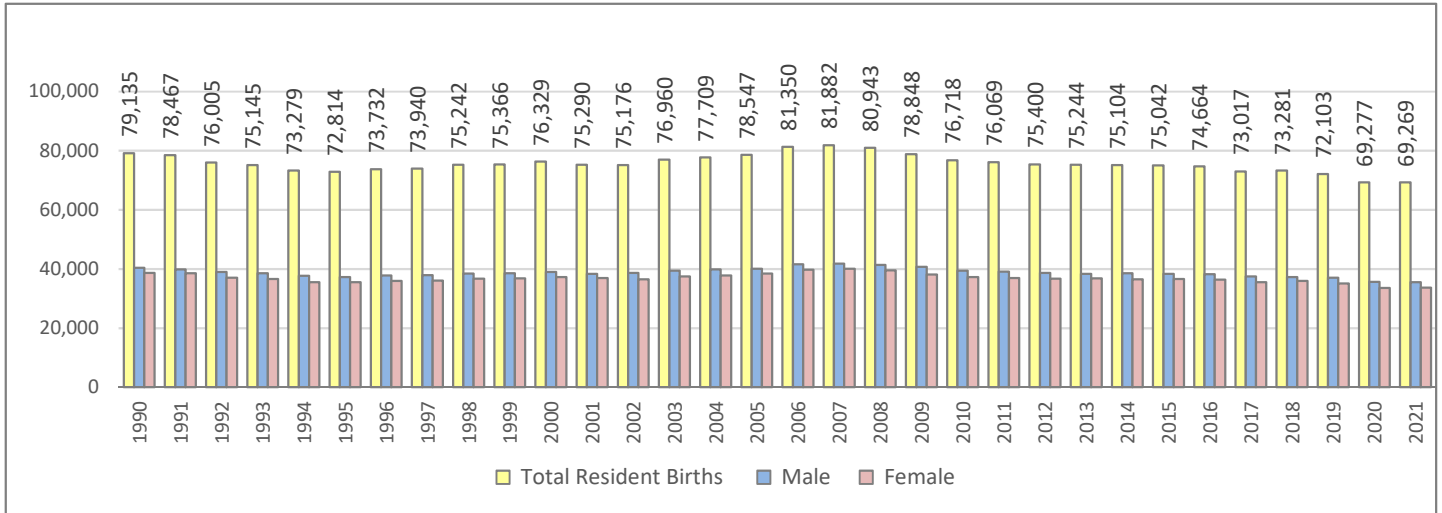
Due to the transition from ICD-9 coding in 2015, data prior to 2016 are not included. Pre-2016 hospital counts are available in earlier Status Reports.

Beginning with calendar year 2020 data, individuals with more than one treatment episode during the year are counted for each episode.

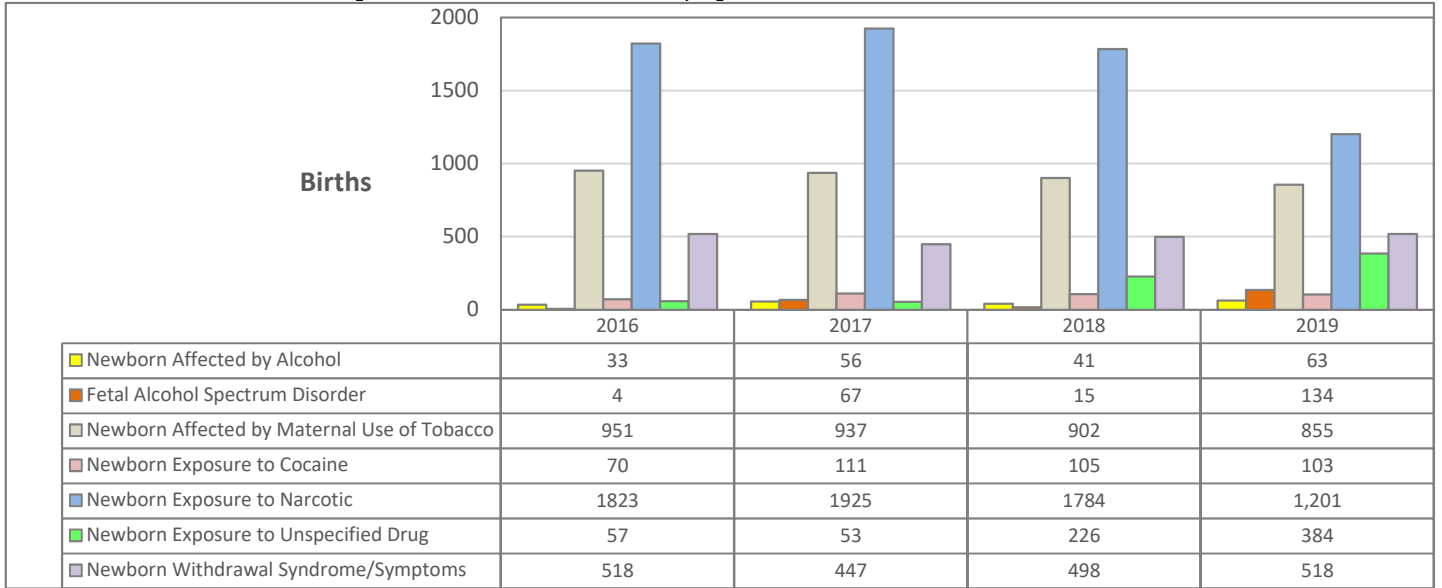
Data Source: Missouri Department of Health and Senior Services

## BIRTHS

### Missouri Resident Births, by Year and Gender

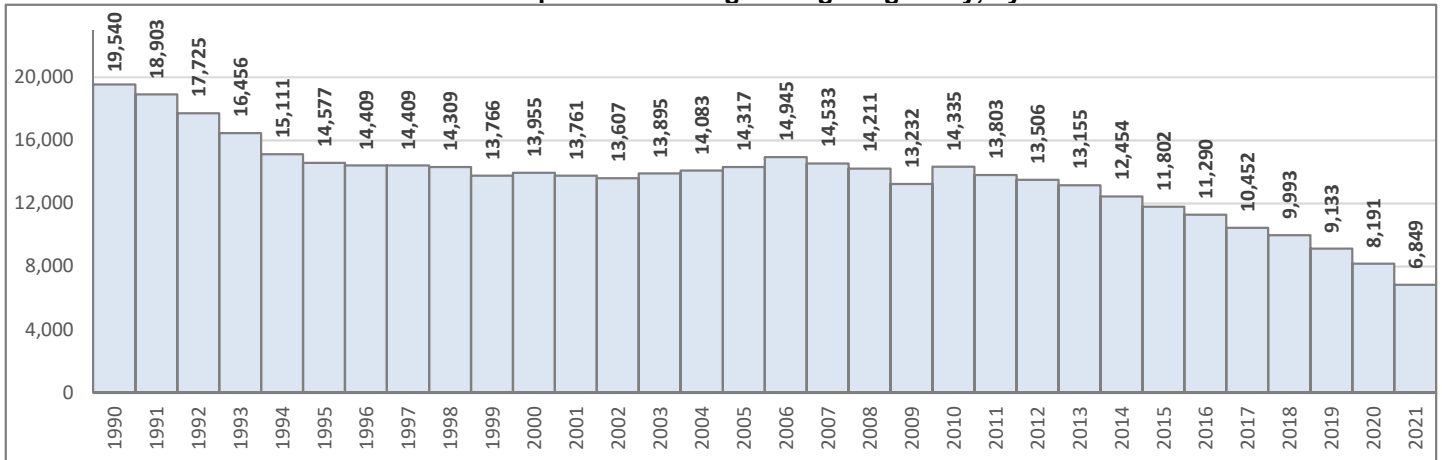


### Missouri Newborns Affected by Maternal Substance Use, by Year



Beginning fully in 2016, ICD-10 medical coding replaced ICD-9. Also beginning in 2016, newborns exposed to more than one substance are counted in each applicable category. Due to these changes in criteria and methodology, pre-2016 exposure data are not included.

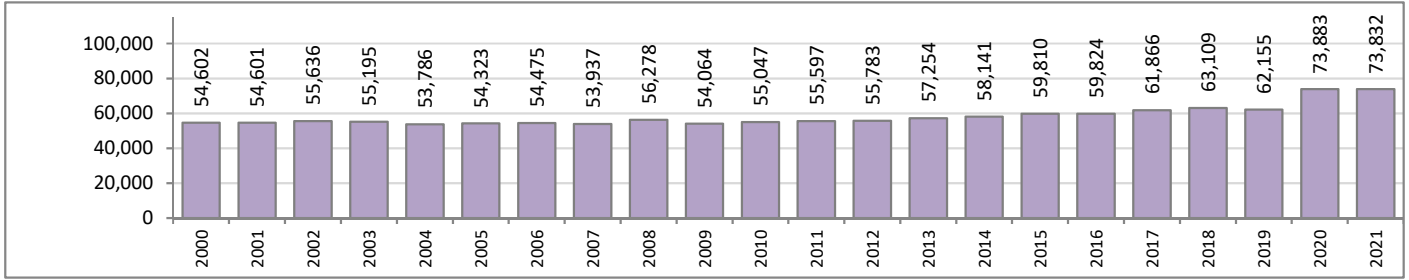
### Missouri Resident Births in which Mother Reported Smoking During Pregnancy, by Year



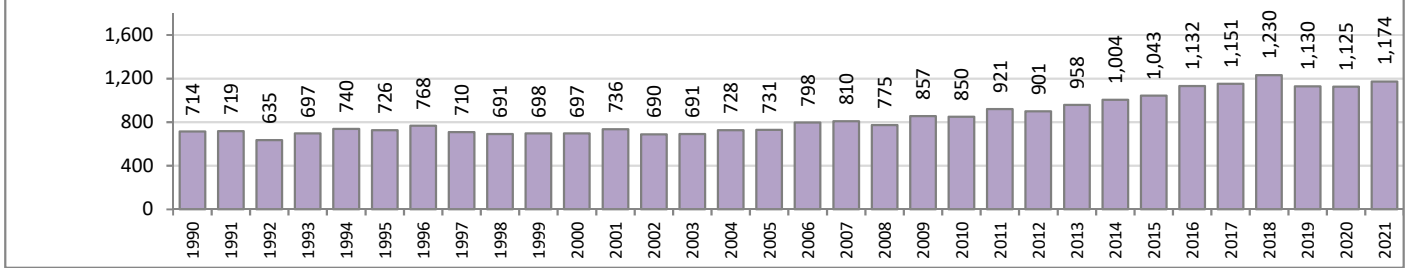
Data Source (all charts): Missouri Department of Health and Senior Services.

## DEATHS

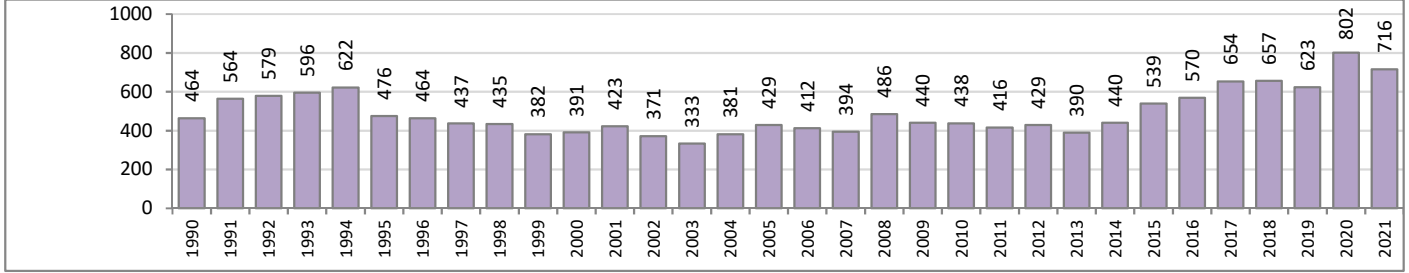
**Total Deaths: Missouri Residents, by Year**



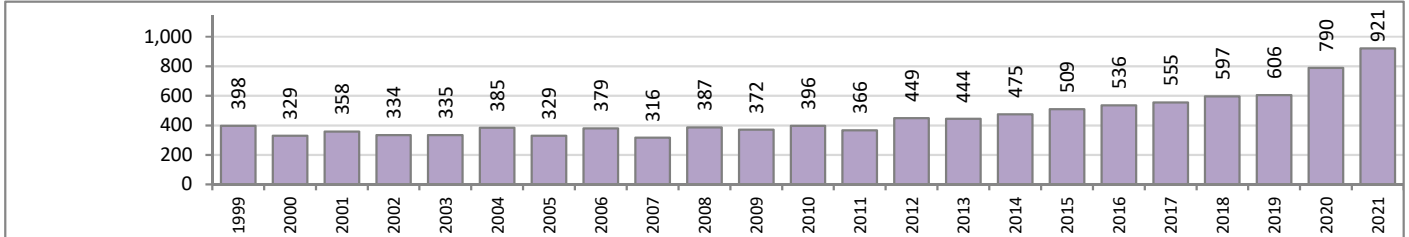
**Suicide Deaths: Missouri Residents, by Year**



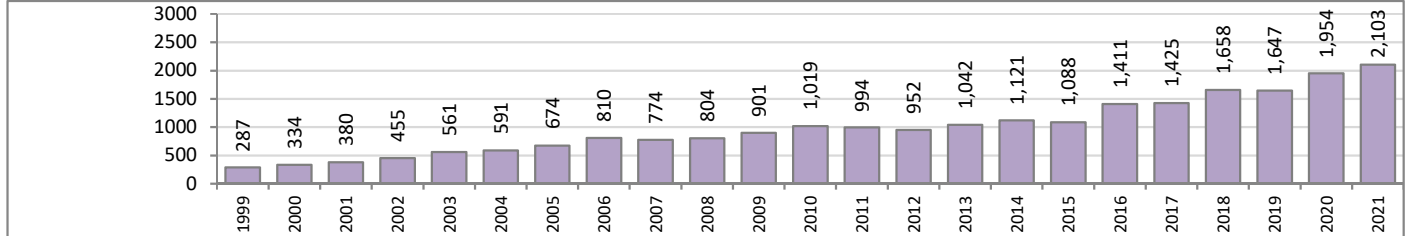
**Homicide Deaths: Missouri Residents, by Year**



**Alcohol Induced Deaths: Missouri Residents, by Year**



**Drug Induced Deaths: Missouri Residents, by Year**



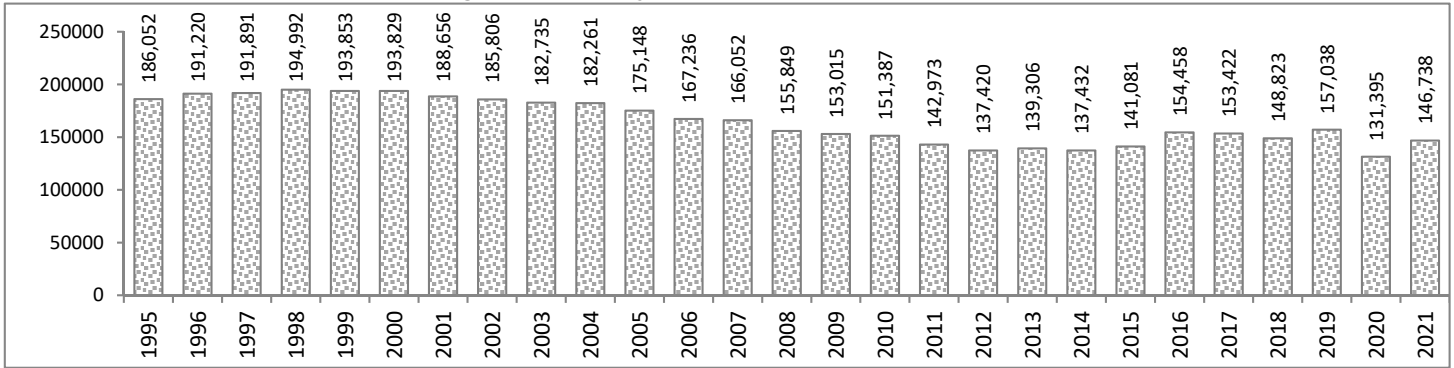
**Smoking Attributable Deaths: Missouri Residents, by Year**



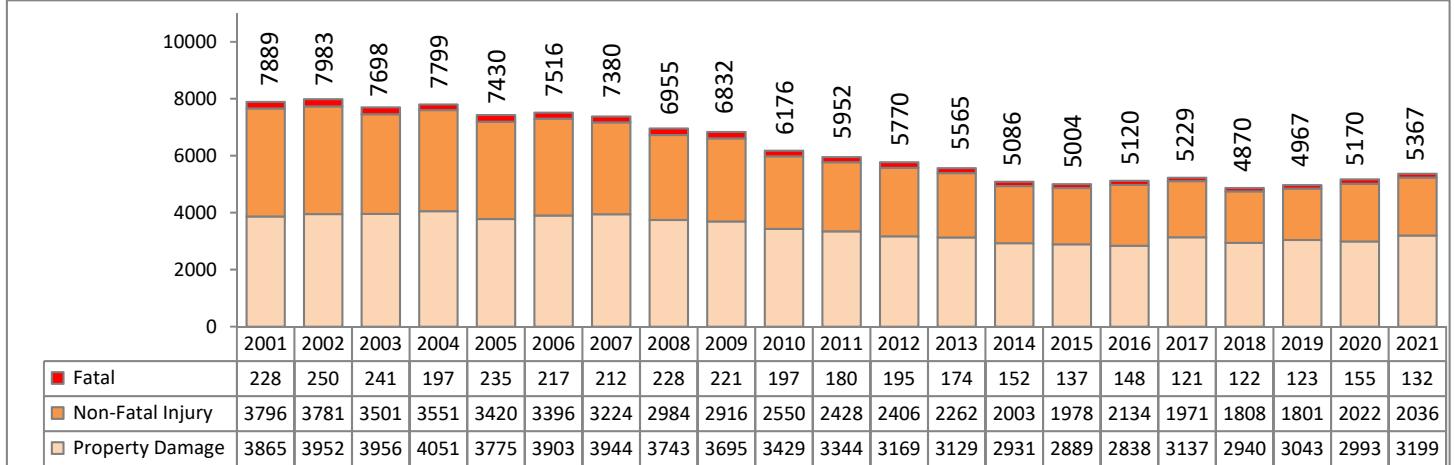
Data Source: Missouri Department of Health and Senior Services.

## TRAFFIC CRASHES INVOLVING ALCOHOL USE

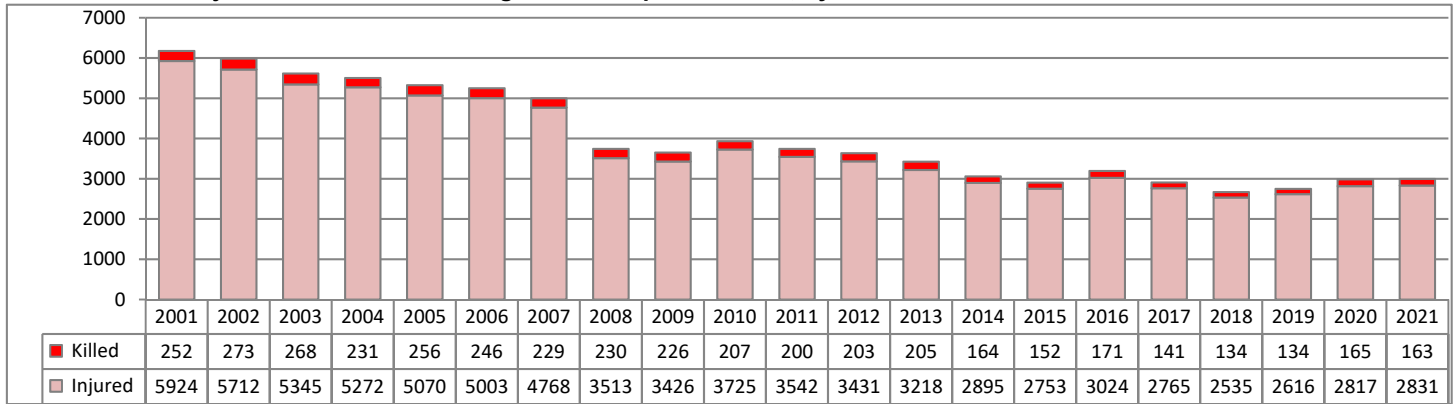
**Total Traffic Crashes (All Causes) Occurring in Missouri, by Year**



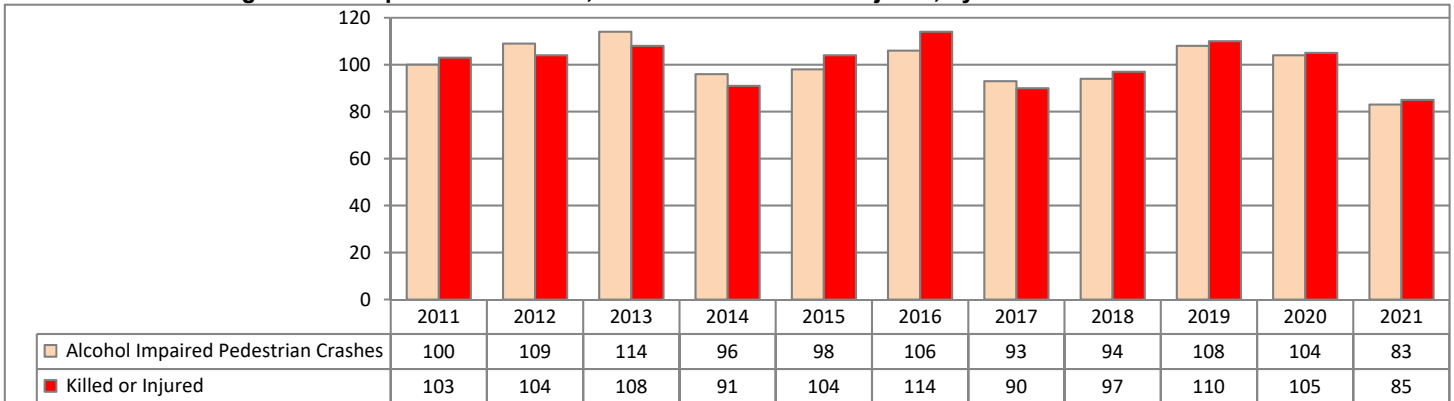
**Traffic Crashes Involving Alcohol Impaired Driver, by Crash Severity and Year**



**Persons Killed and Injured in Crashes involving Alcohol Impaired Driver, by Year**



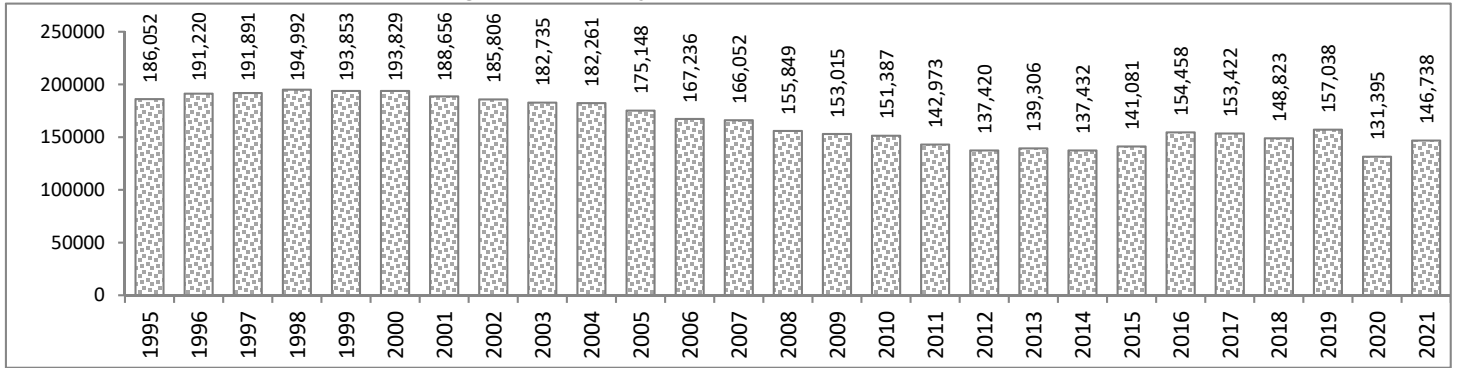
**Traffic Crashes Involving Alcohol Impaired Pedestrian, and Persons Killed or Injured, by Year**



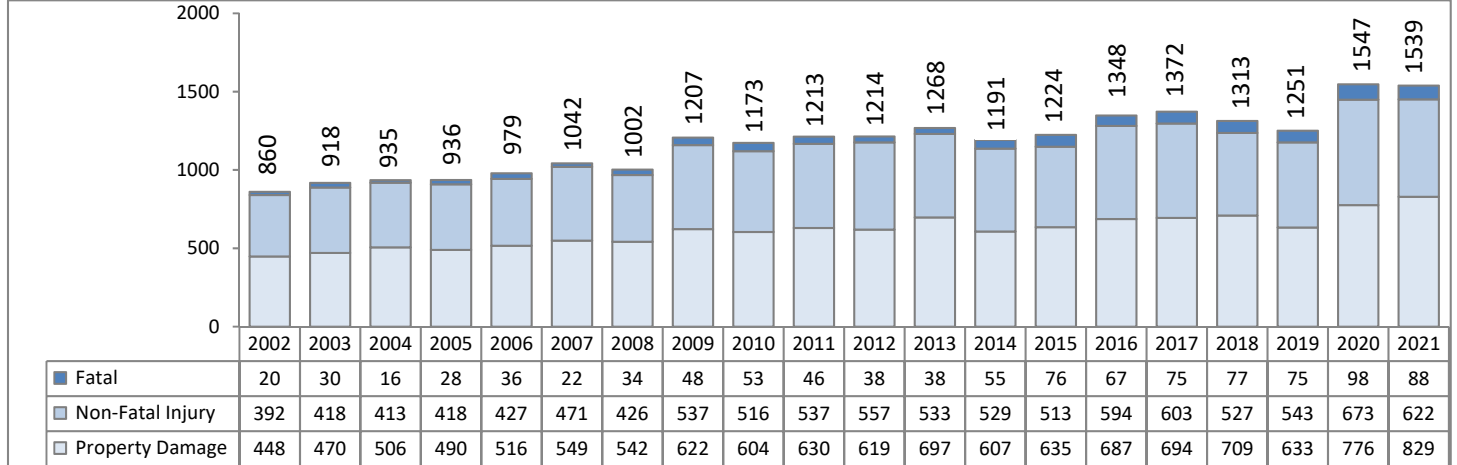
Data Source (all charts): Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center. Annual Tabulations.

## TRAFFIC CRASHES INVOLVING DRUG USE

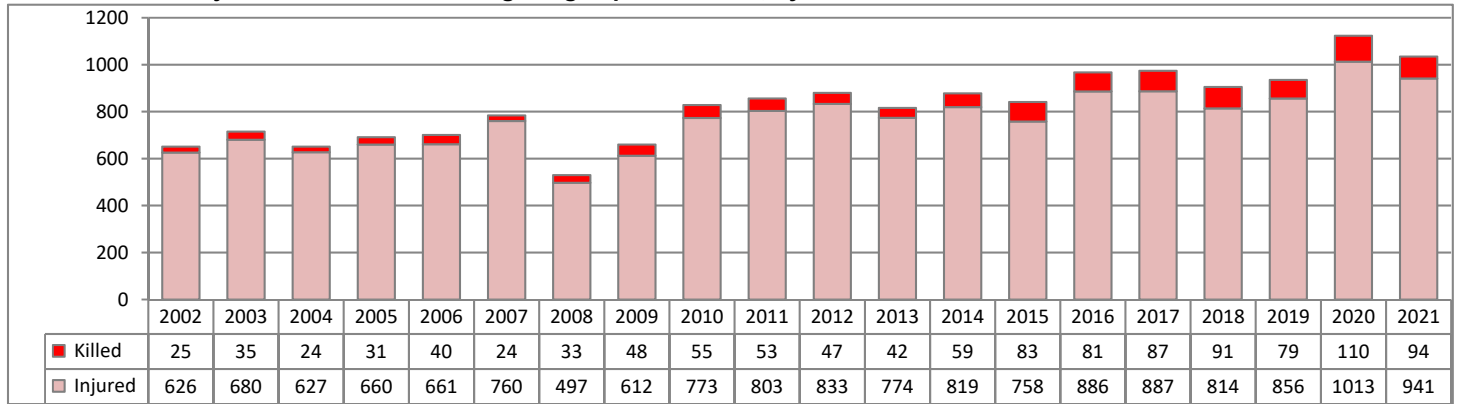
**Total Traffic Crashes (All Causes) Occurring in Missouri, by Year**



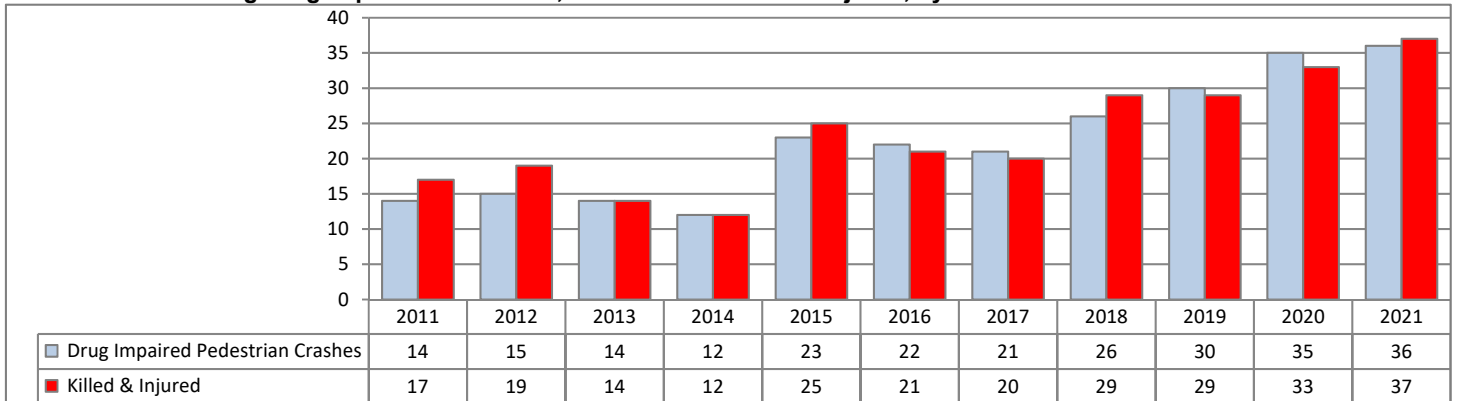
**Traffic Crashes Involving Drug Impaired Driver, by Crash Severity and Year**



**Persons Killed and Injured in Crashes involving Drug Impaired Driver, by Year**



**Traffic Crashes Involving Drug Impaired Pedestrian, and Persons Killed or Injured, by Year**

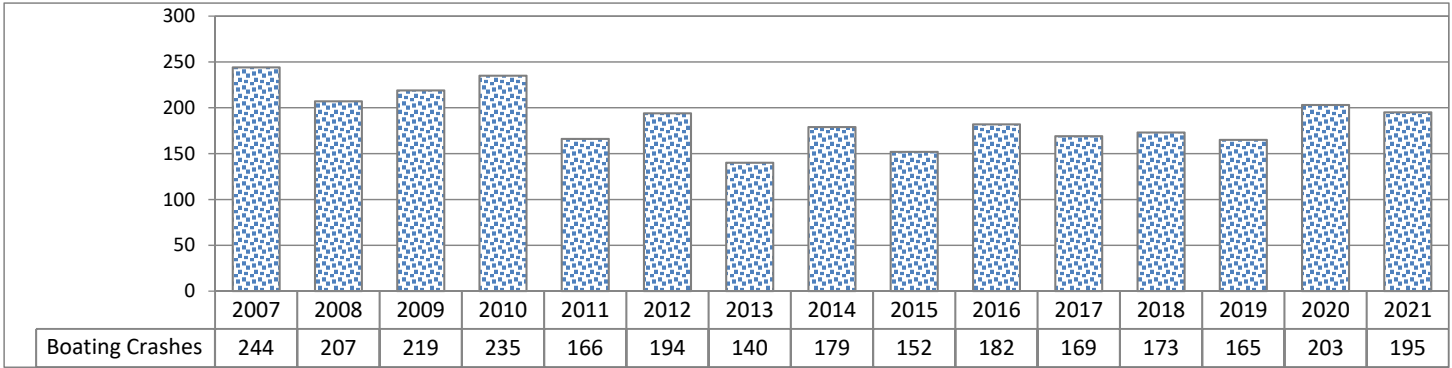


Data Source (all charts): Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center. Annual Tabulations.

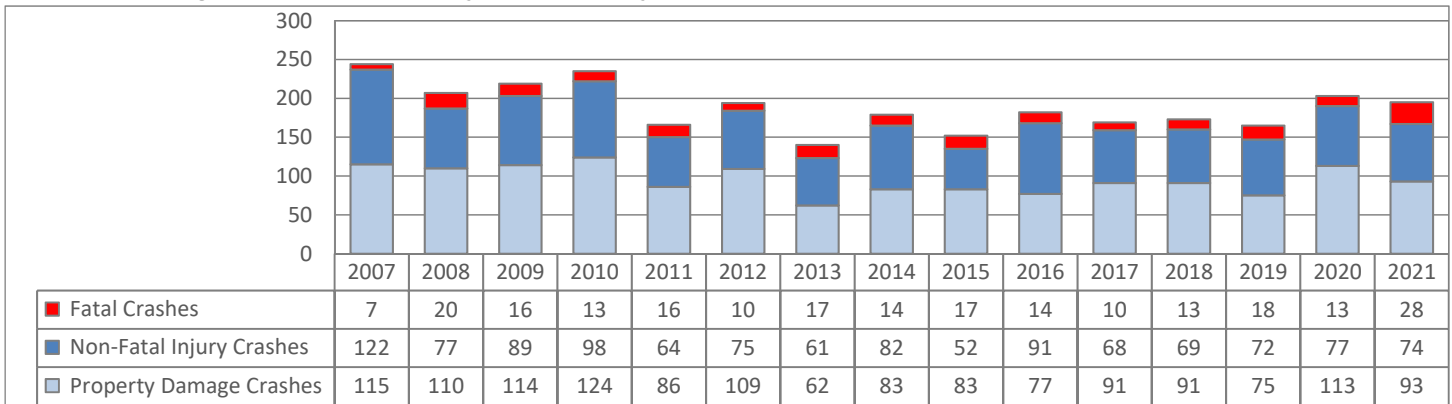


## RECREATIONAL BOATING CRASHES

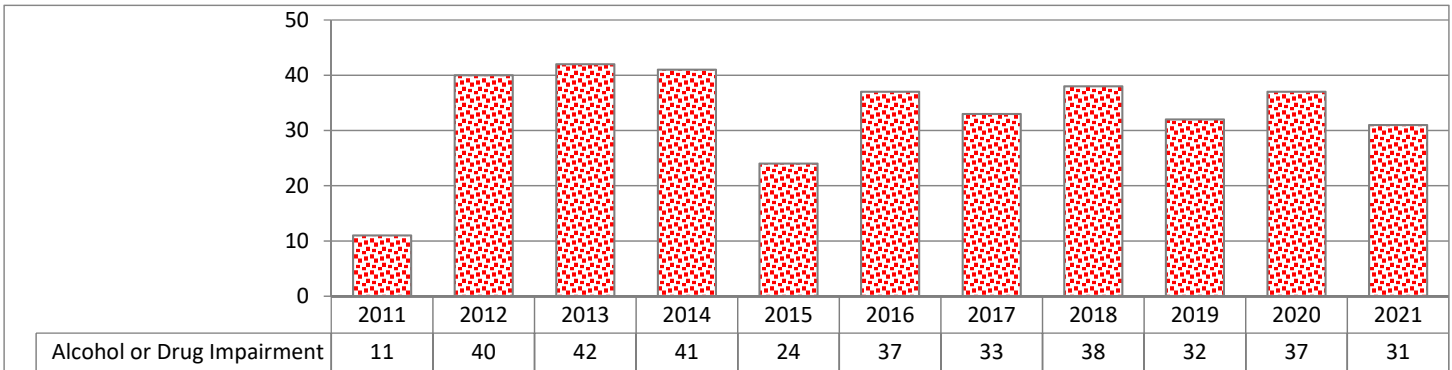
### Total Recreational Boating Crashes in Missouri



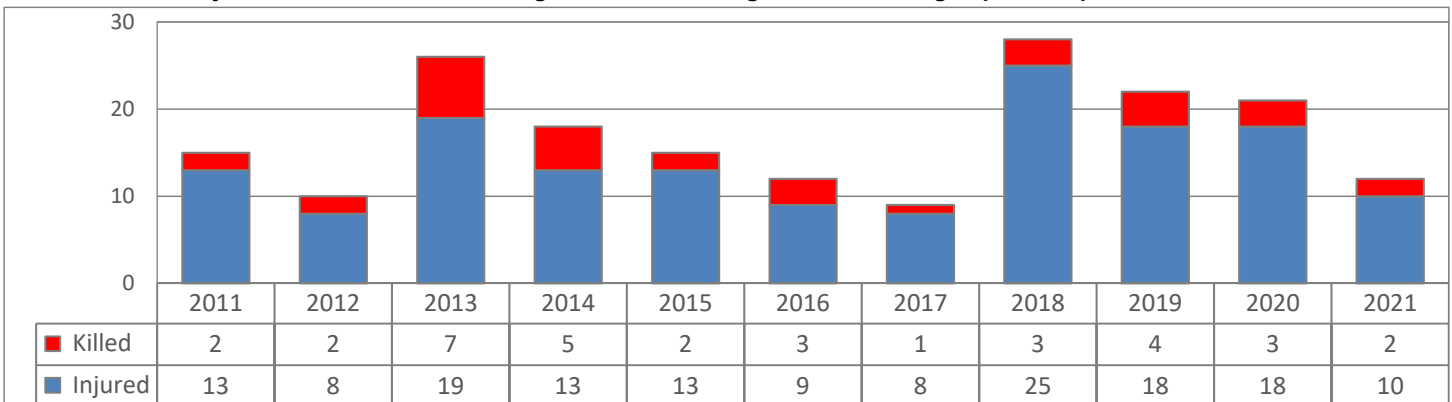
### Recreational Boating Crashes in Missouri by Crash Severity



### Recreational Boating Crashes Involving Alcohol or Drug Impaired Operator



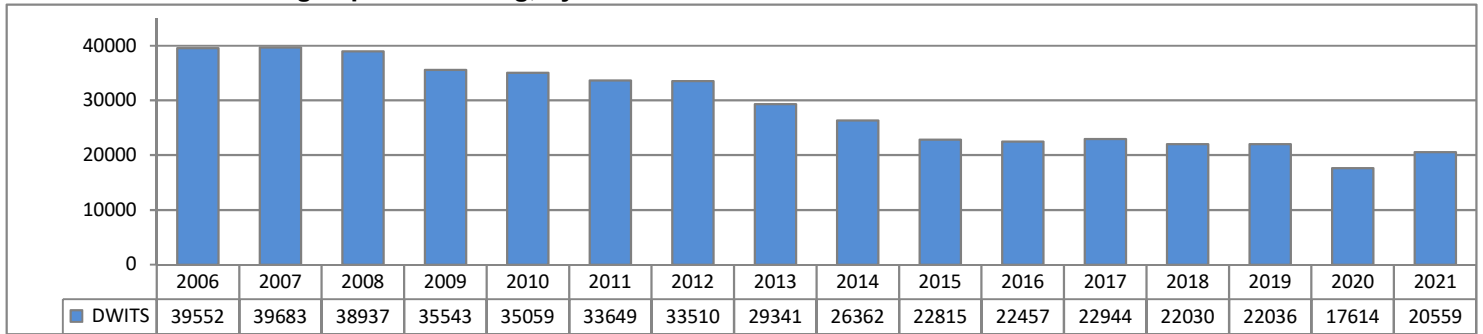
### Persons Killed and Injured in Recreational Boating Crashes involving Alcohol or Drug Impaired Operator



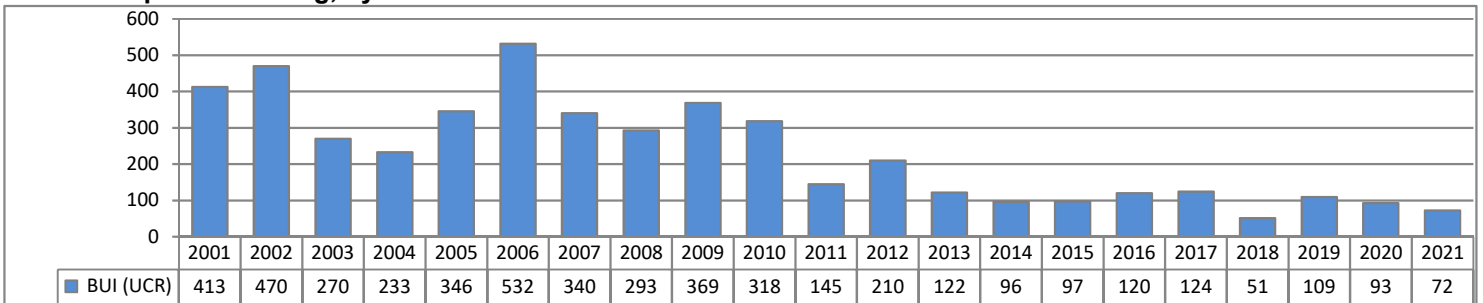
Data Source: Missouri Department of Public Safety, Missouri State Highway Patrol.  
Missouri Boating Statistics & Drownings annual report, 2012-2022 editions.

## ALCOHOL AND DRUG ARRESTS

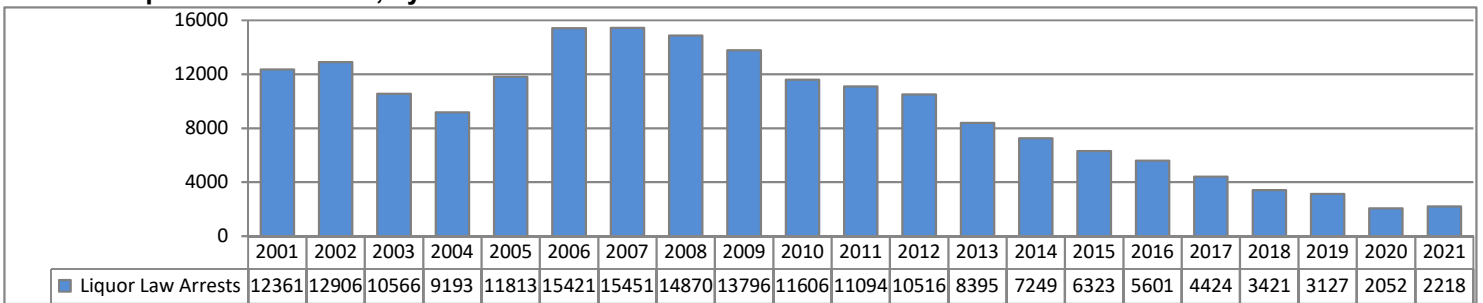
### Arrests for Alcohol or Drug Impaired Driving, by Year



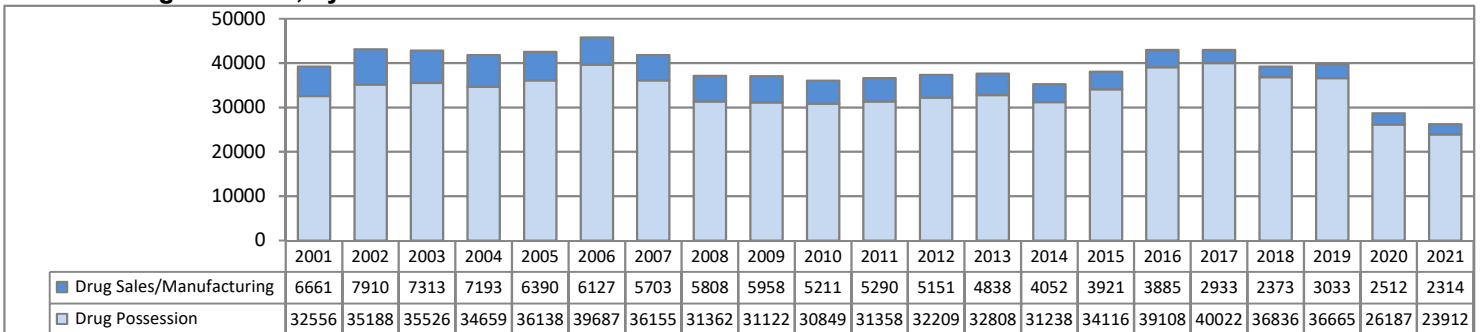
### Arrests for Impaired Boating, by Year



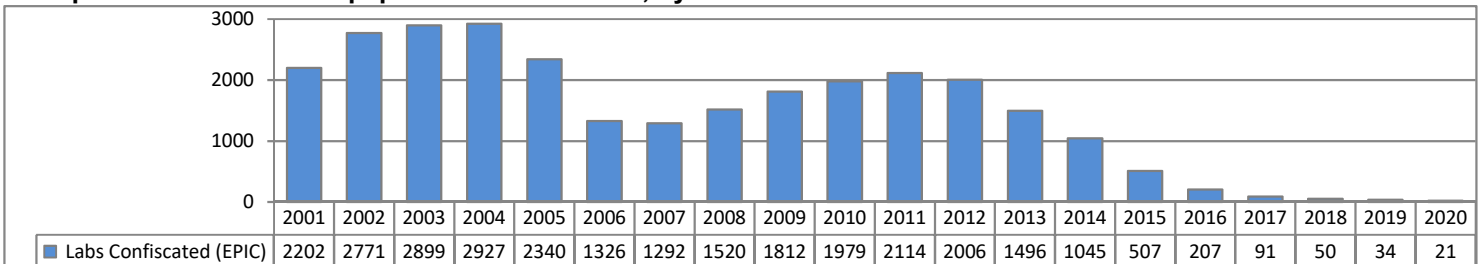
### Arrests for Liquor Law Offenses, by Year



### Arrests for Drug Offenses, by Year



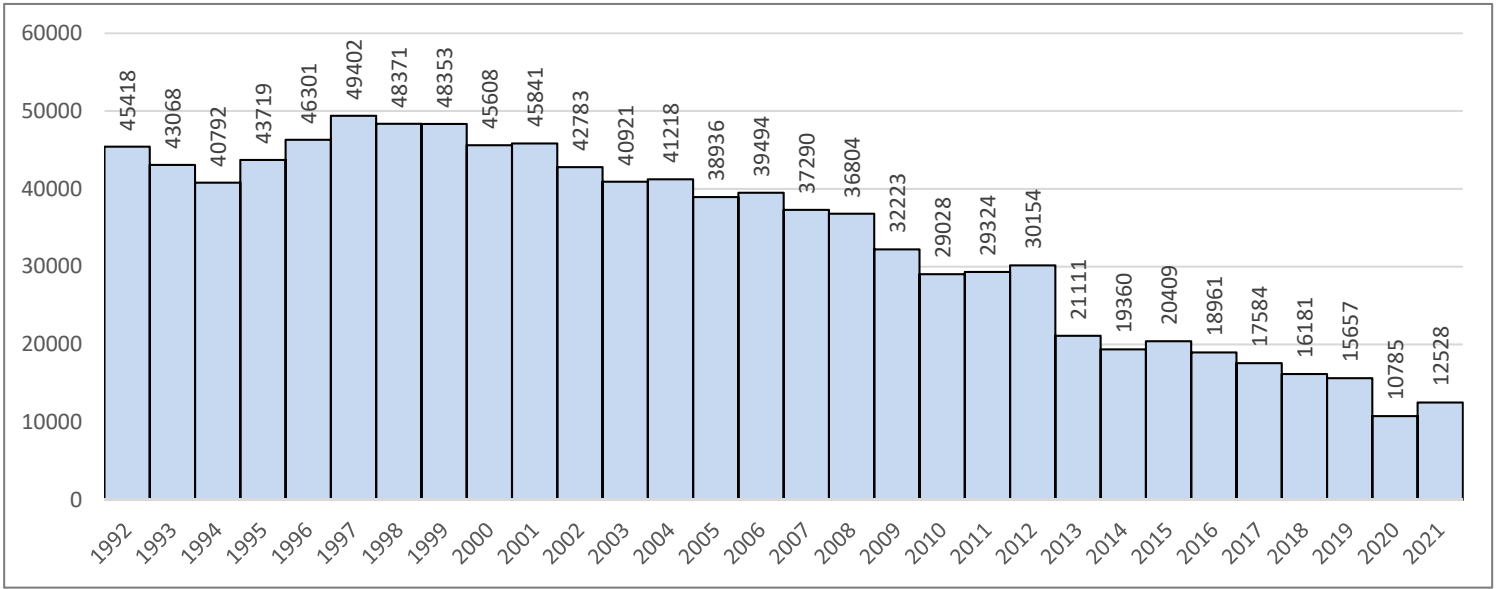
### Methamphetamine Lab and Equipment Confiscations, by Year



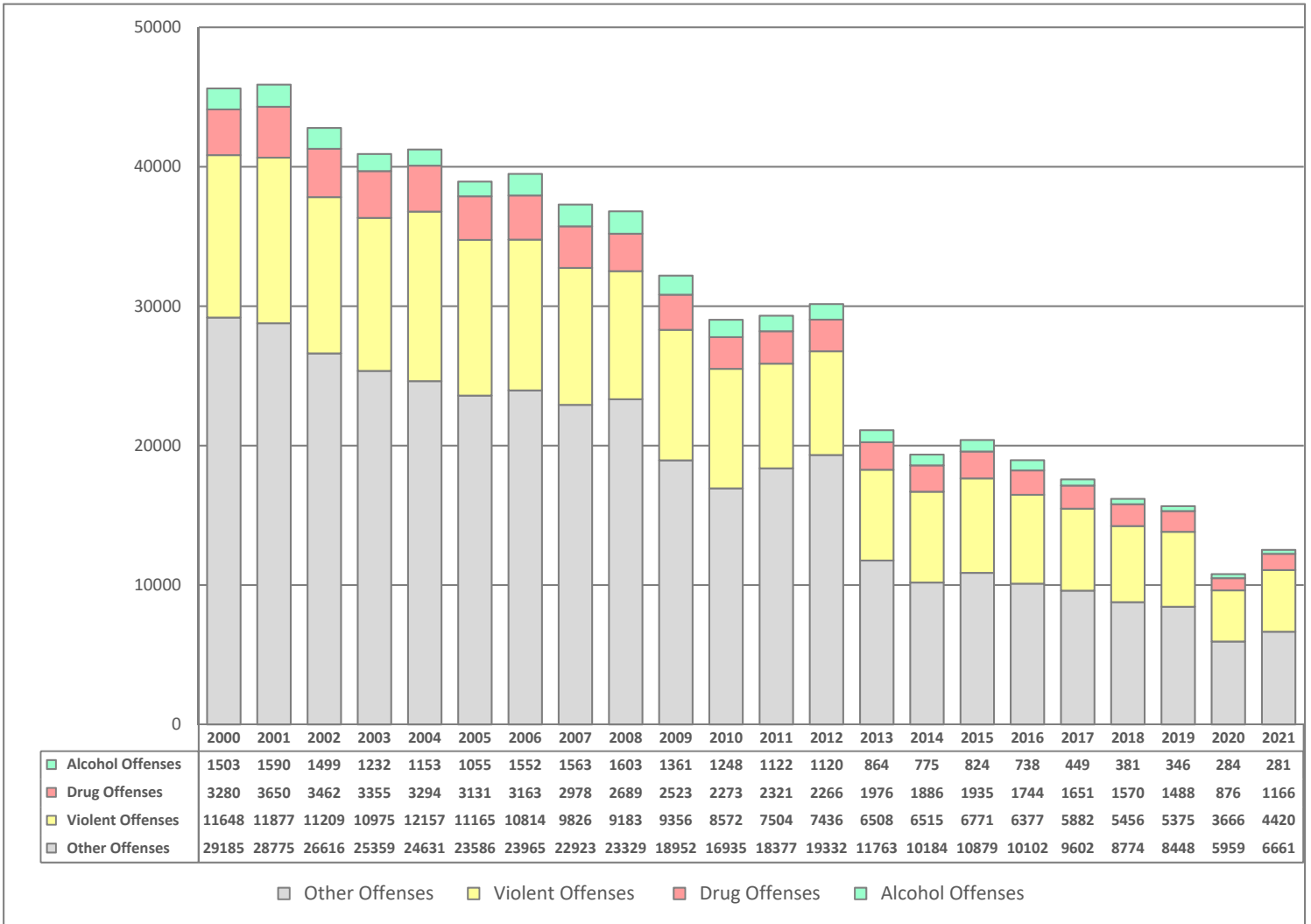
Data Sources: Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center and DWI Tracking System (DWITS), FBI Uniform Crime Reports (UCR), National Incident Based Reporting System (NIBRS), El Paso Intelligence Center (EPIC).

# JUVENILE COURT REFERRALS

**Total Referrals to Juvenile Courts for Law Violations, by Year**



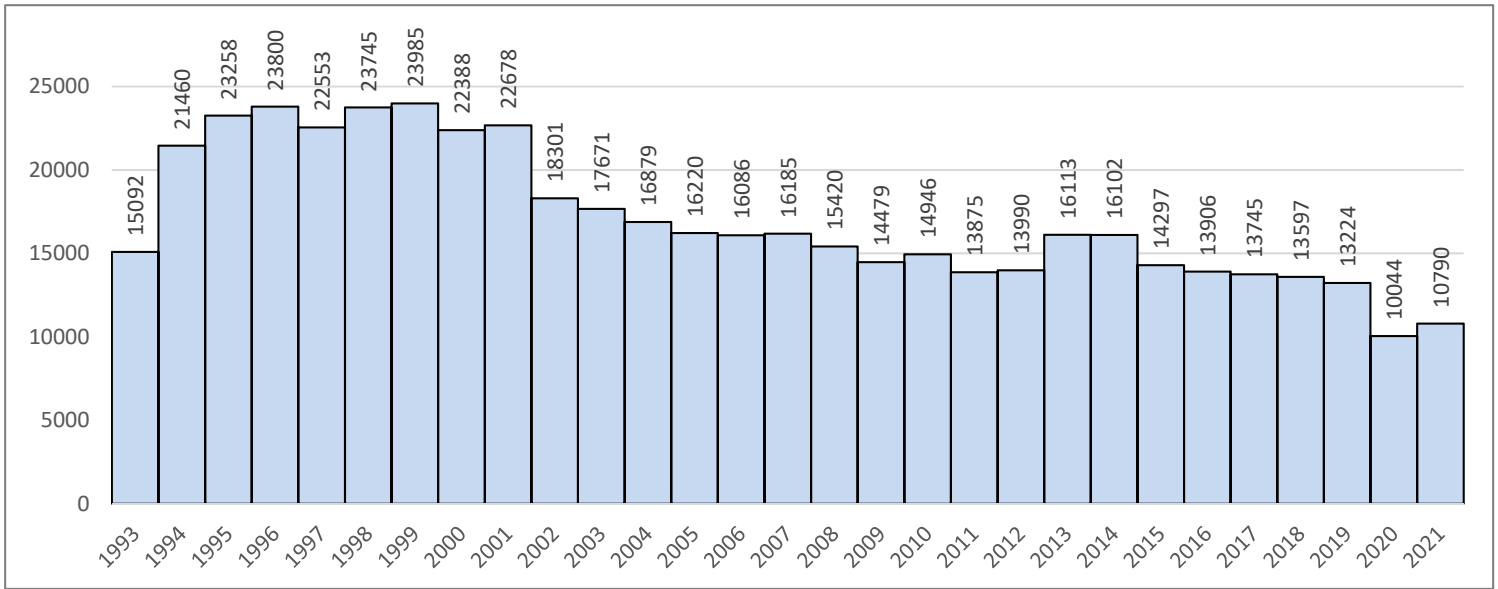
**Referrals to Juvenile Courts by Type of Offense, by Year**



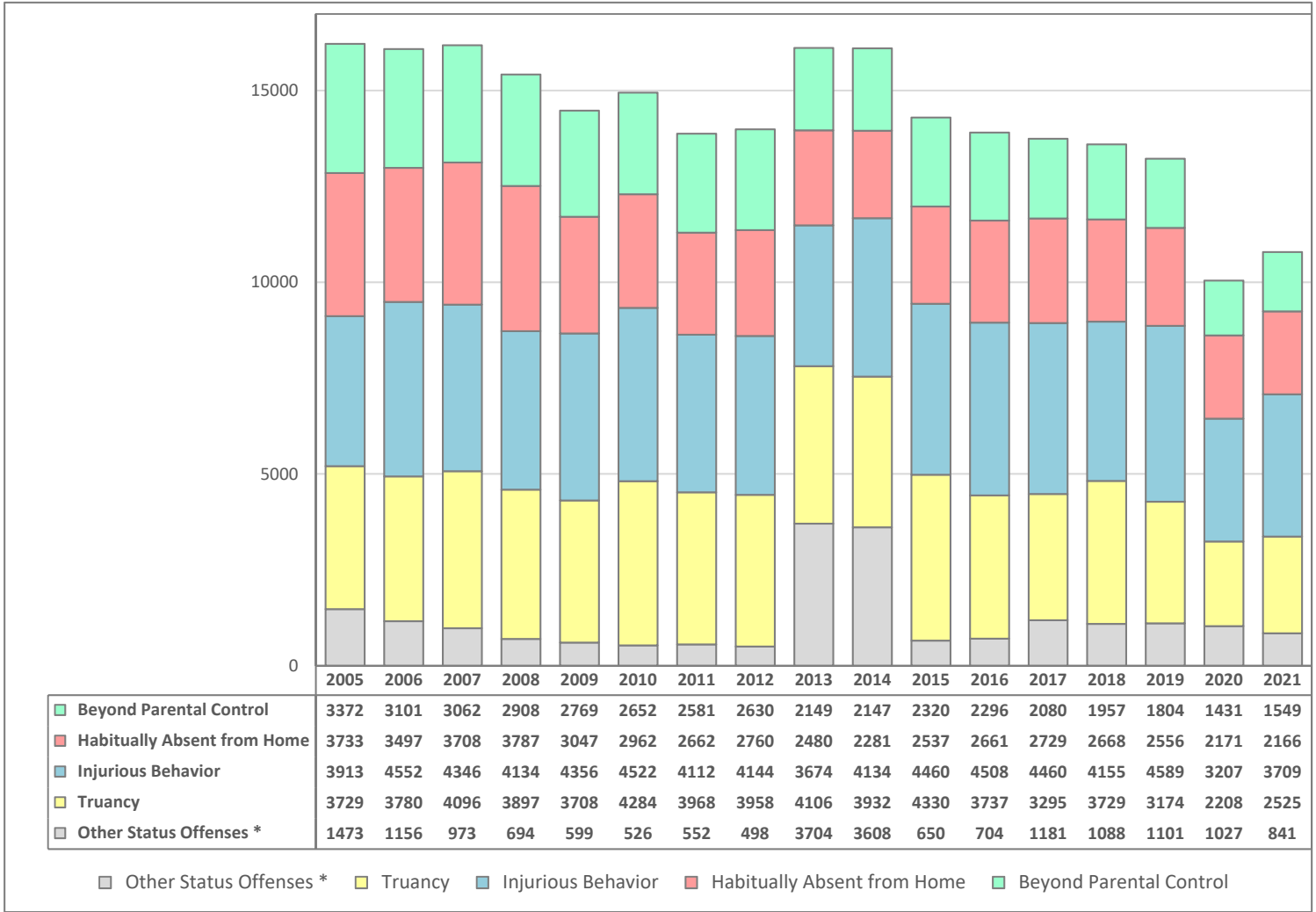
Data Sources: Missouri Office of State Courts Administrator (2009-2022); Missouri Department of Social Services (2000-2008).

## JUVENILE STATUS OFFENSES

**Total Juvenile Status Offenses, by Year**



**Juvenile Status Offenses by Category, by Year**

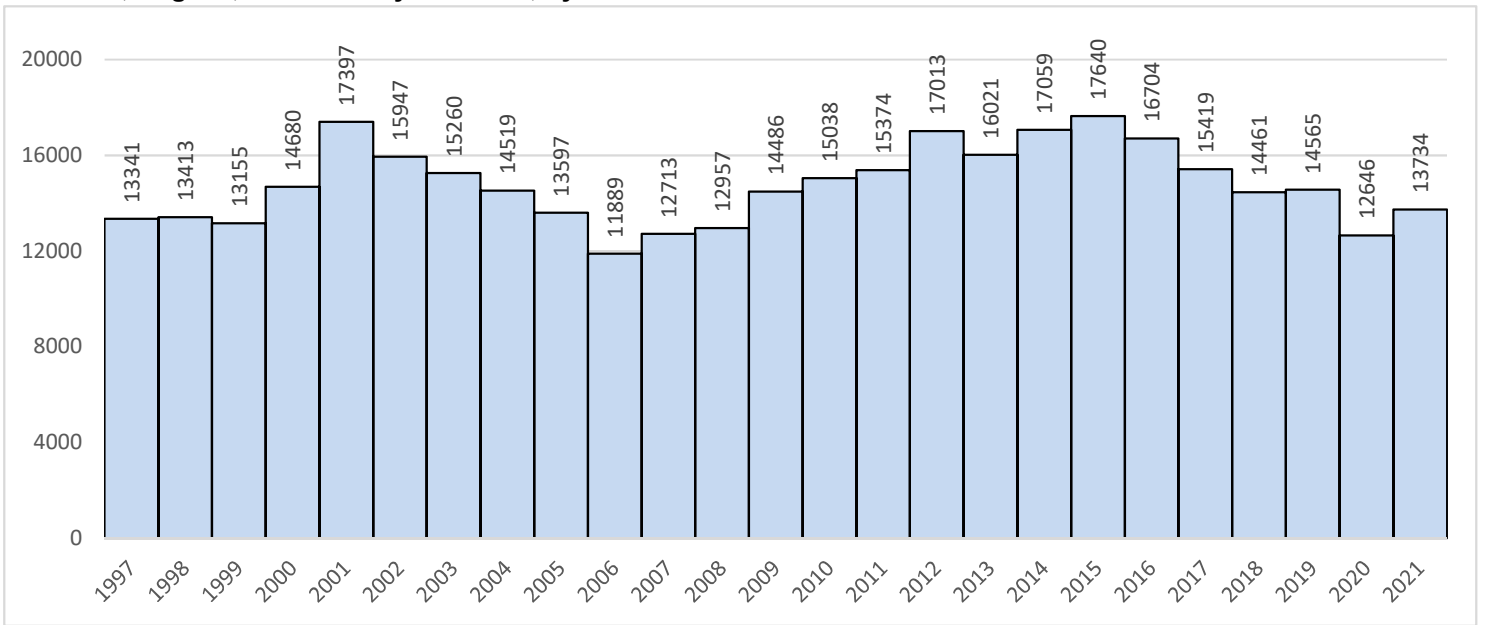


\* Beginning in 2013, some juvenile municipal violations and infractions were reclassified as status offenses.

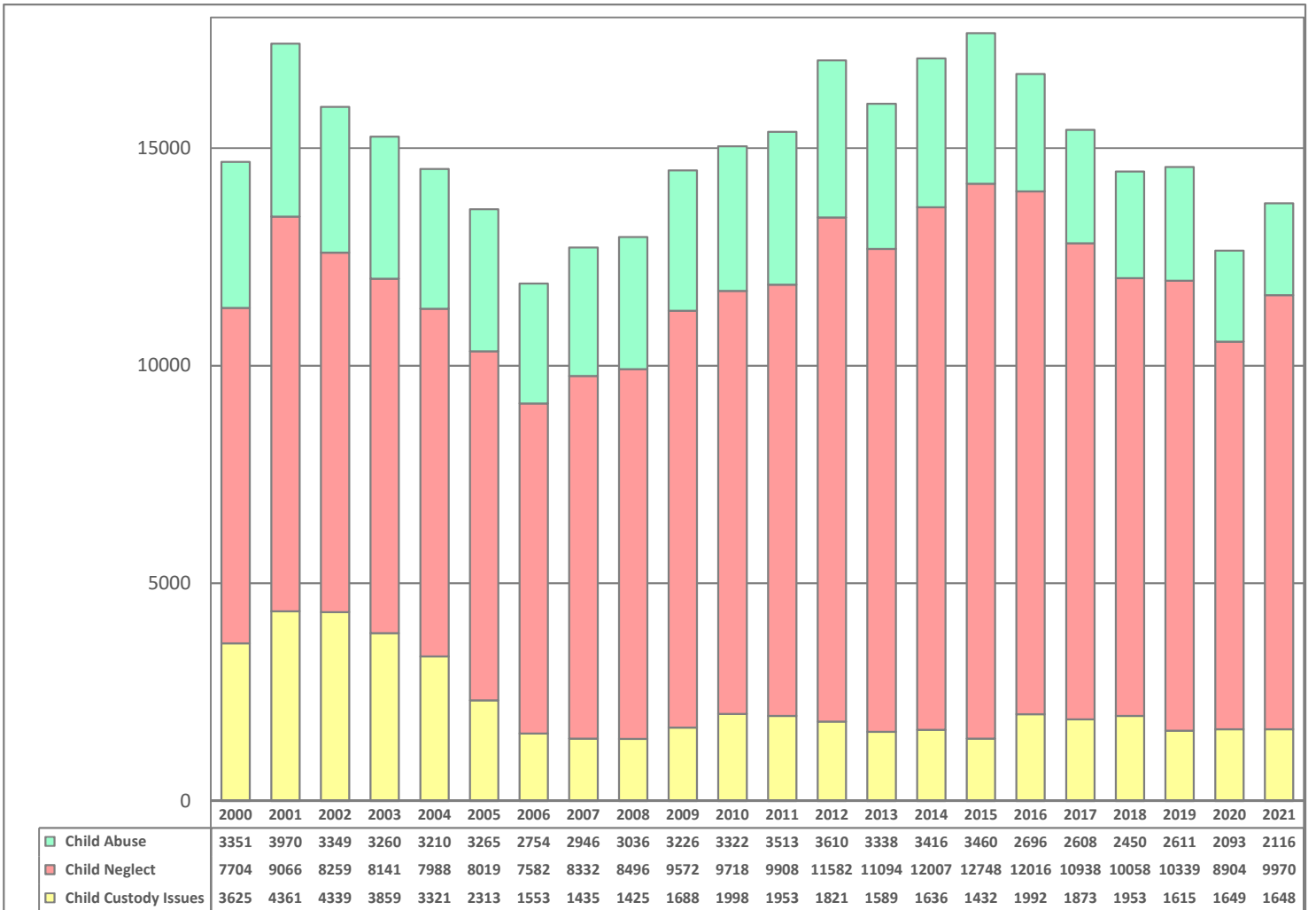
Data Sources: Missouri Office of State Courts Administrator (2009-2022); Missouri Department of Social Services (2000-2008).

# CHILD ABUSE REFERRALS

**Total Abuse, Neglect, and Custody Referrals, by Year**



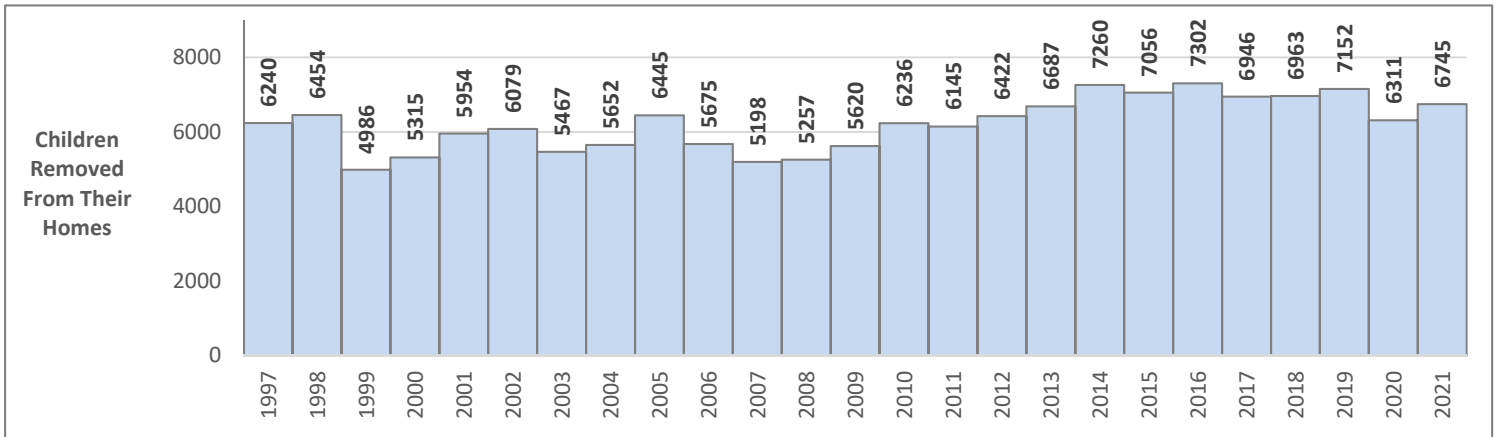
**Referral Type, by Year**



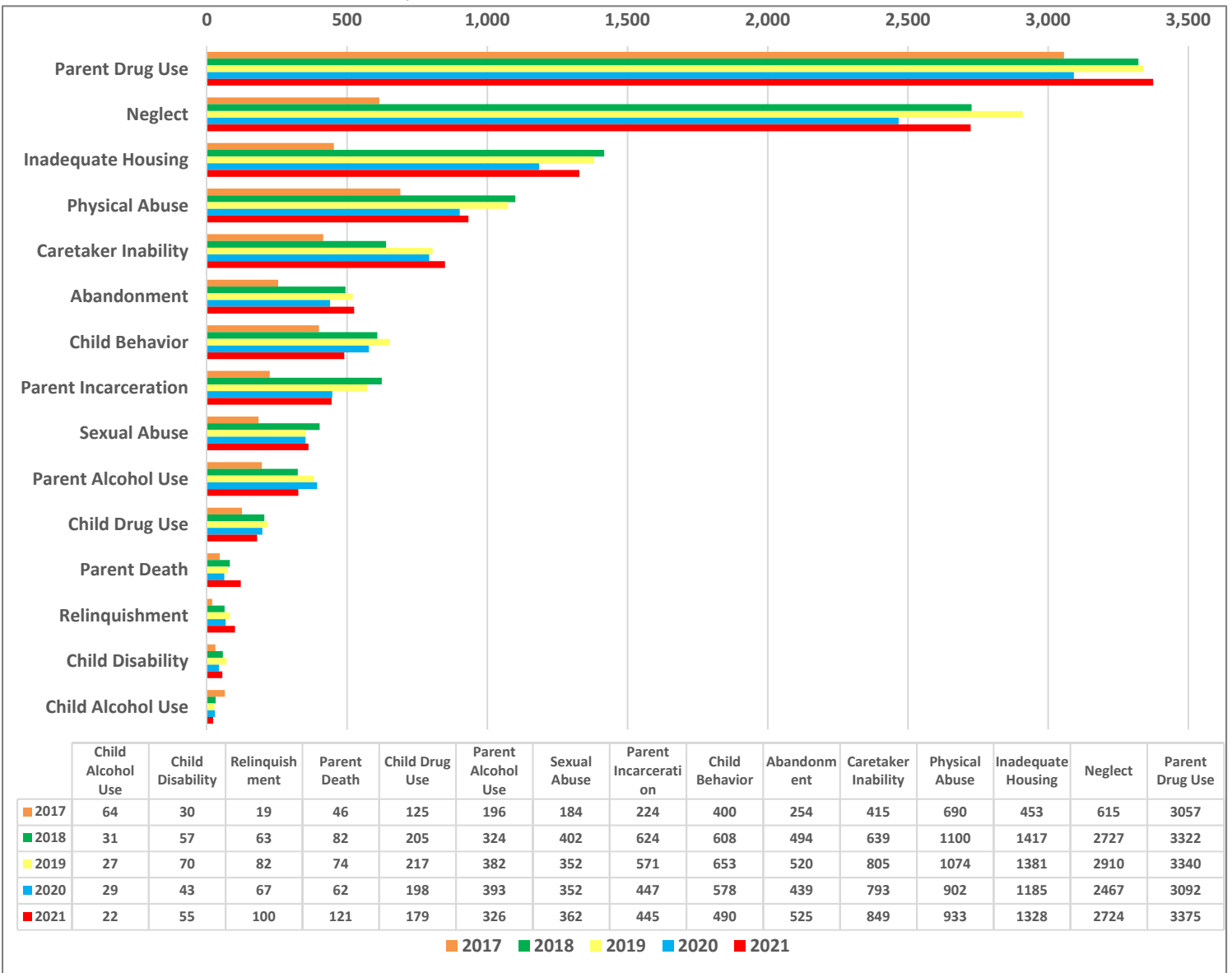
Data Sources: Missouri Office of State Courts Administrator (2009-2020); Missouri Department of Social Services (2000-2008).

# OUT-OF-HOME PLACEMENTS OF CHILDREN BY JUVENILE AUTHORITIES

## Out-of-Home Placements of Children, by Year



## Adverse Conditions Present at Removals, Calendar Years 2017-2021

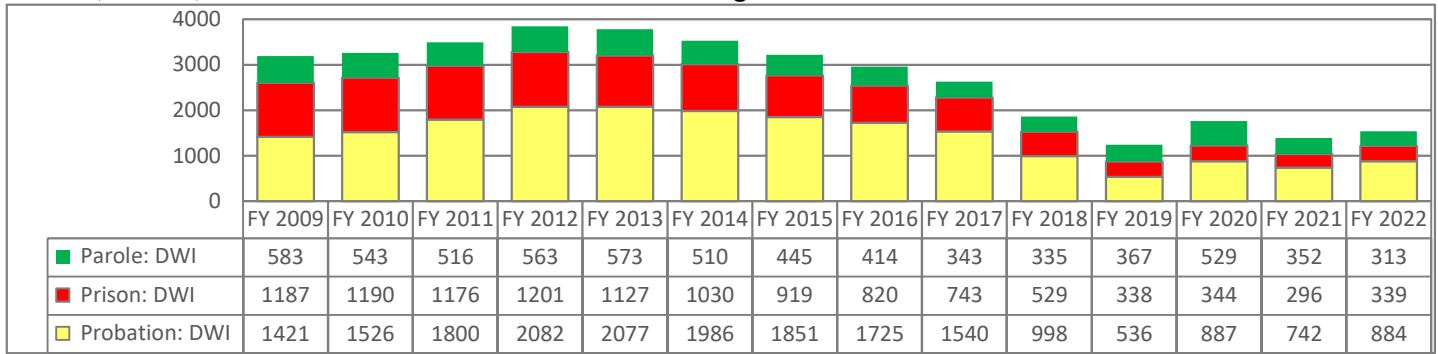


The DSS Children's Division reports do not capture reasons for a removal but document adverse conditions. More than one condition may be applicable to a placement, and other factors may also be considered.

Data Source: Missouri Department of Social Services, Children's Division. Annual data tabulation.

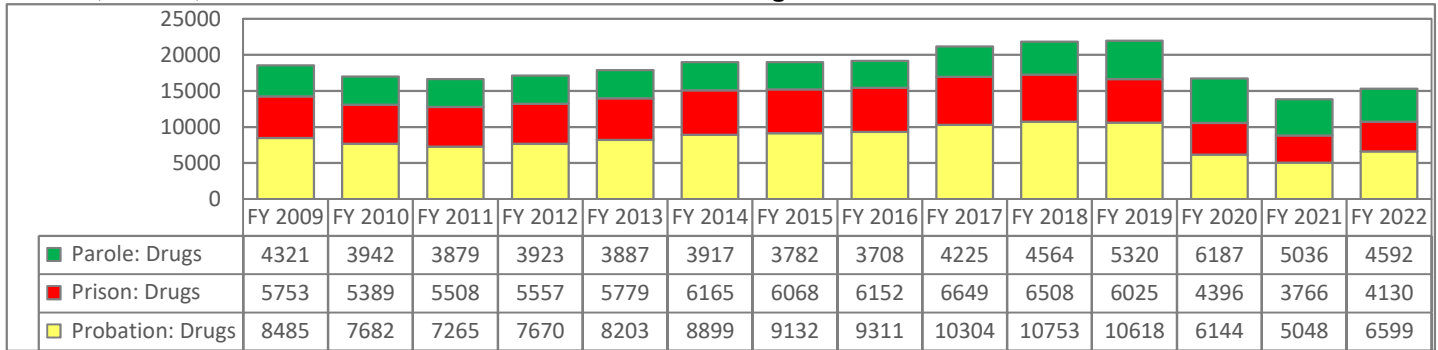
## CRIMINAL JUSTICE DISPOSITION OF DRUG, DWI, AND OTHER STATE CONVICTIONS

### Probation, Prison, and Parole/Conditional Release for Driving While Intoxicated Convictions



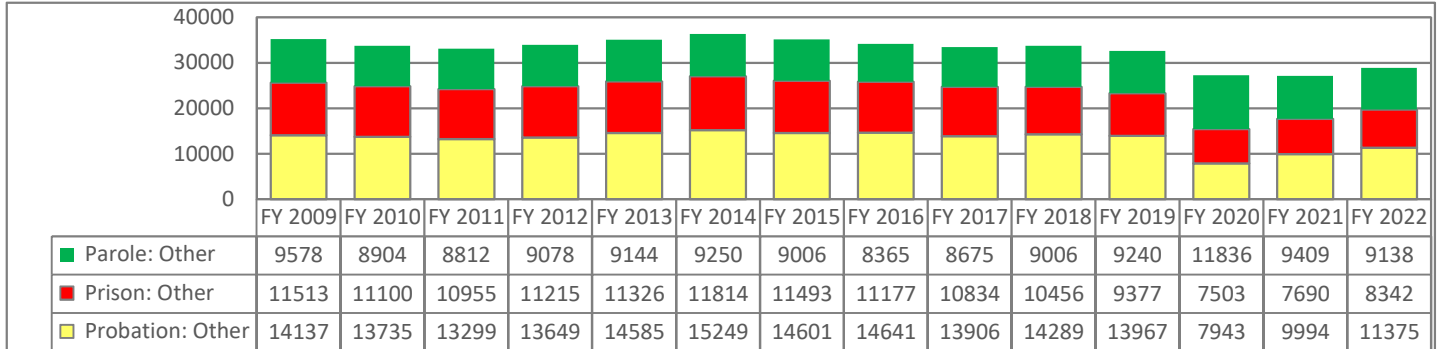
Data Source: Missouri Department of Corrections. Annual data tabulation.

### Probation, Prison, and Parole/Conditional Release for Illicit Drug Convictions



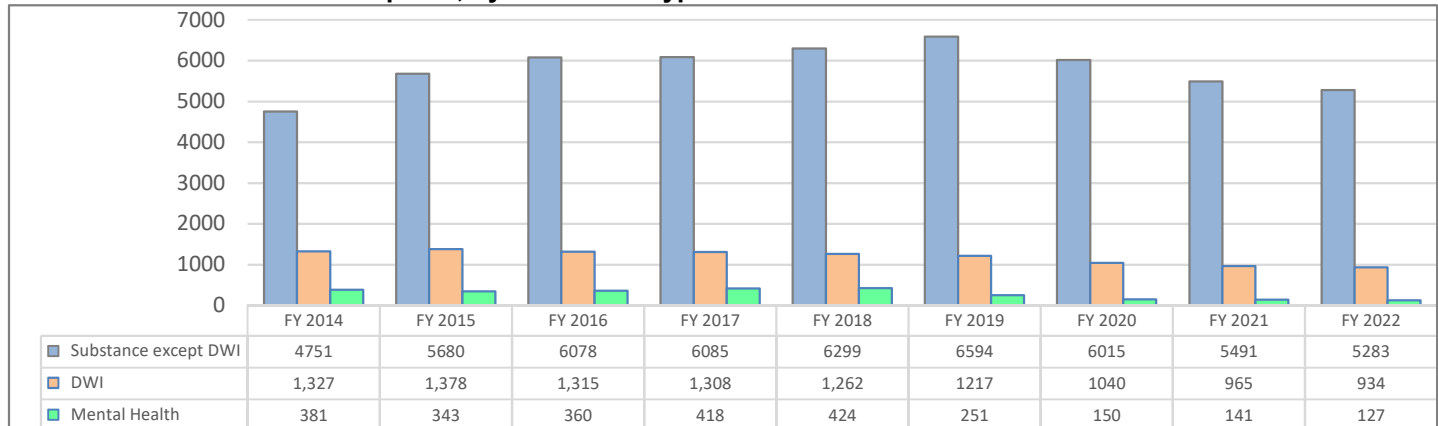
Data Source: Missouri Department of Corrections. Annual data tabulation.

### Probation, Prison, and Parole/Conditional Release for Non-substance Convictions



Data Source: Missouri Department of Corrections. Annual data tabulation.

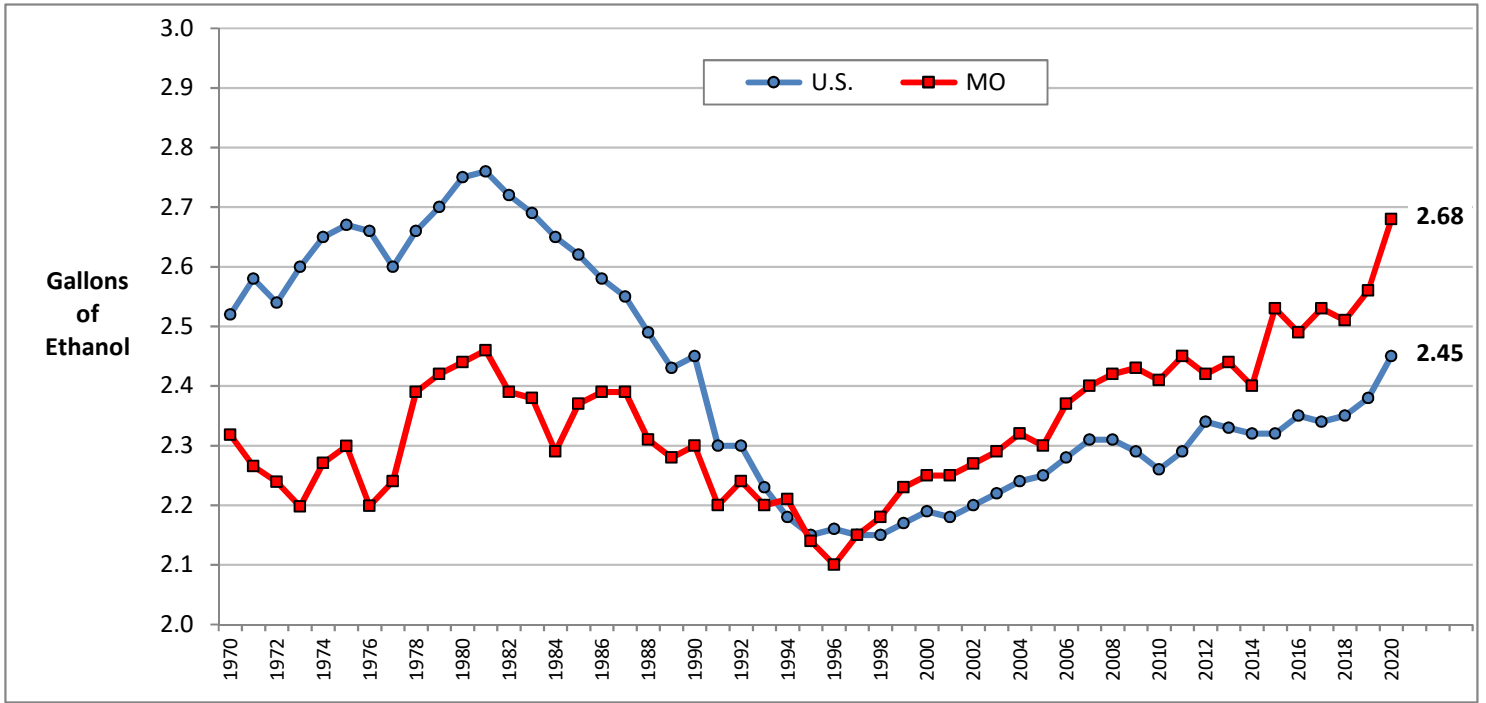
### Missouri Treatment Court Participants, by Treatment Type



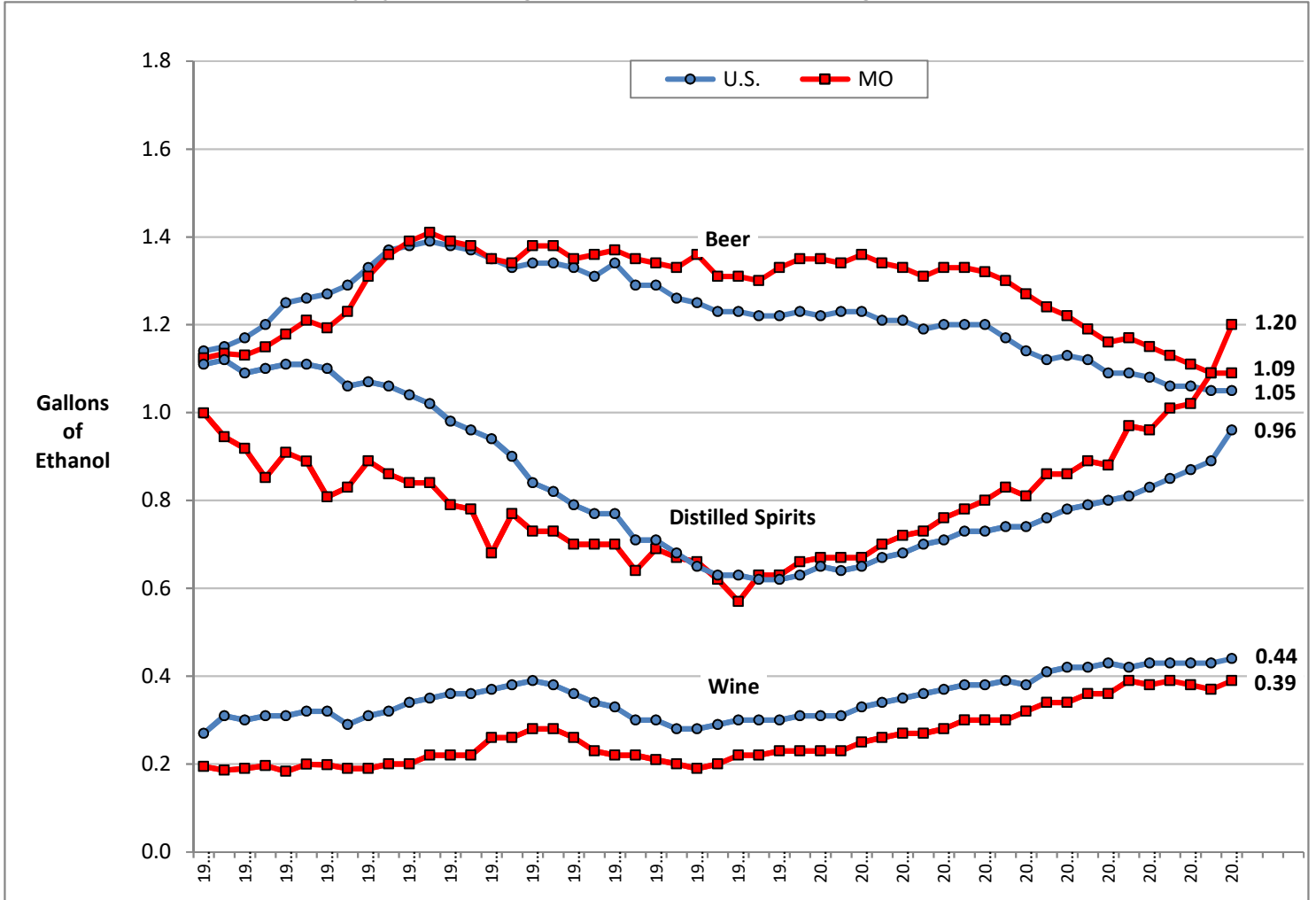
Data Source: Missouri Office of State Courts Administrator. Annual data tabulation.

# ALCOHOL CONSUMPTION

Per Capita Consumption of Ethanol in All Beverage Alcohol: United States and Missouri, Ages 14 and Older, 1970-2020



Per Capita Consumption of Ethanol by Type of Beverage: United States and Missouri, Ages 14 and Older, 1970-2020

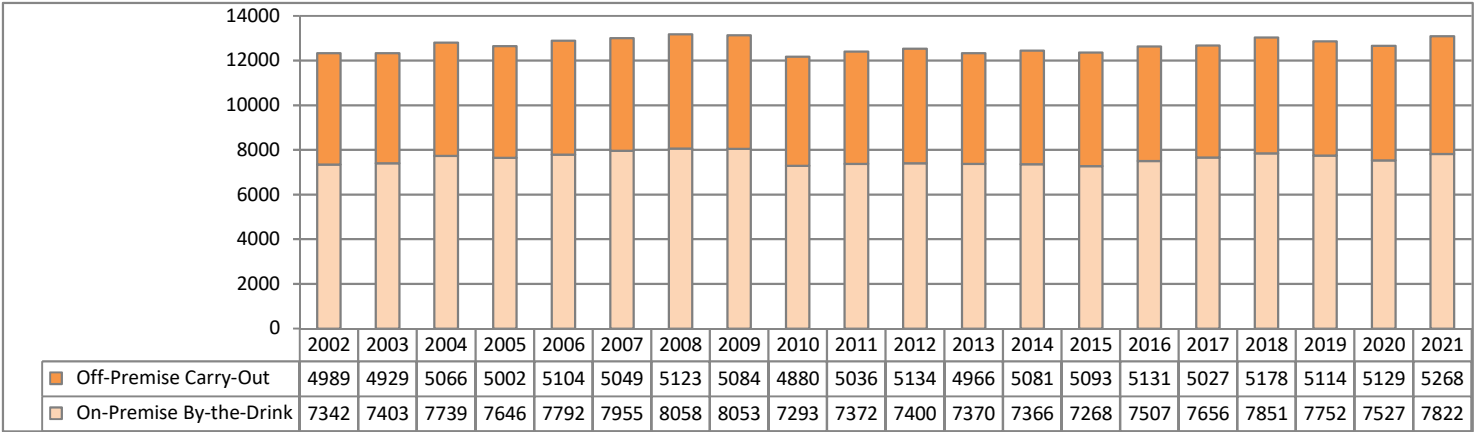


Data Source: U.S. Dept. of Health and Human Services, NIAAA (April 2022). Surveillance Report #119: Apparent Per Capita Alcohol Consumption: National, State, and Regional Trends, 1977-2020 (and earlier reports).



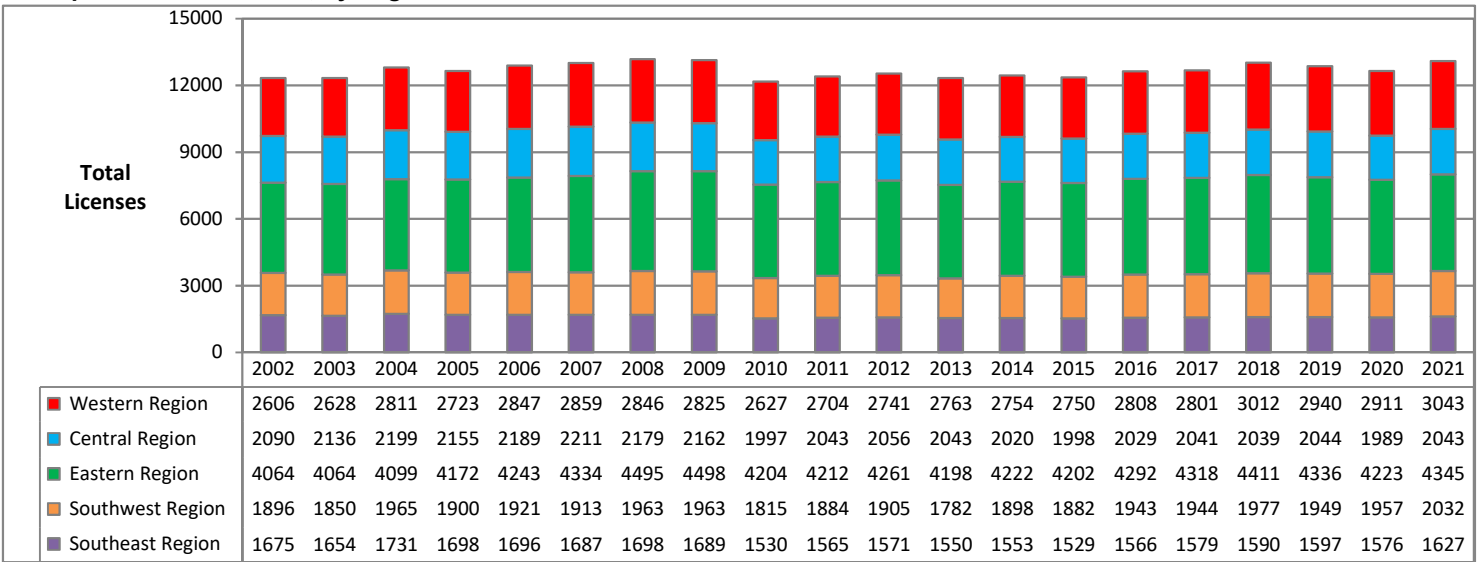
## MISSOURI LIQUOR LICENSES

**Retail Liquor Licenses Issued, by Type of License and Year**



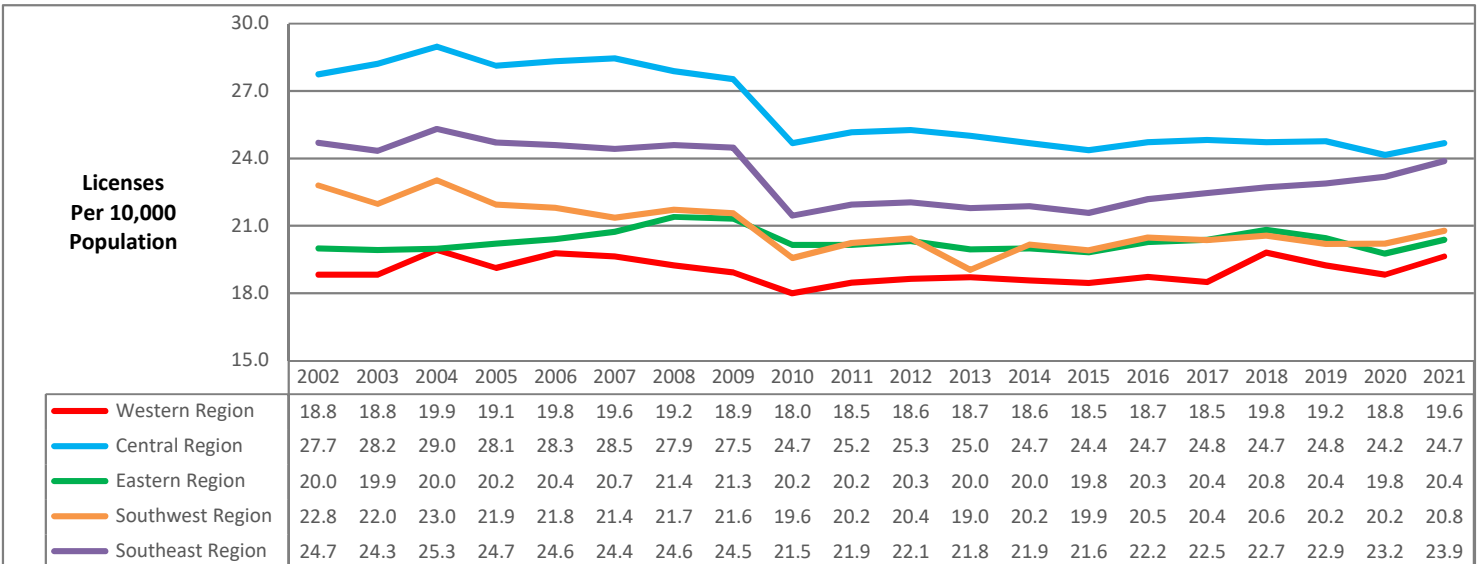
Data Source: Missouri Department of Public Safety, Division of Alcohol and Tobacco Control.

**Retail Liquor Licenses Issued, by Region and Year**



Data Source: Missouri Department of Public Safety, Division of Alcohol and Tobacco Control.

**Retail Liquor Licenses, Rate per 10,000 Population, by Region and Year**

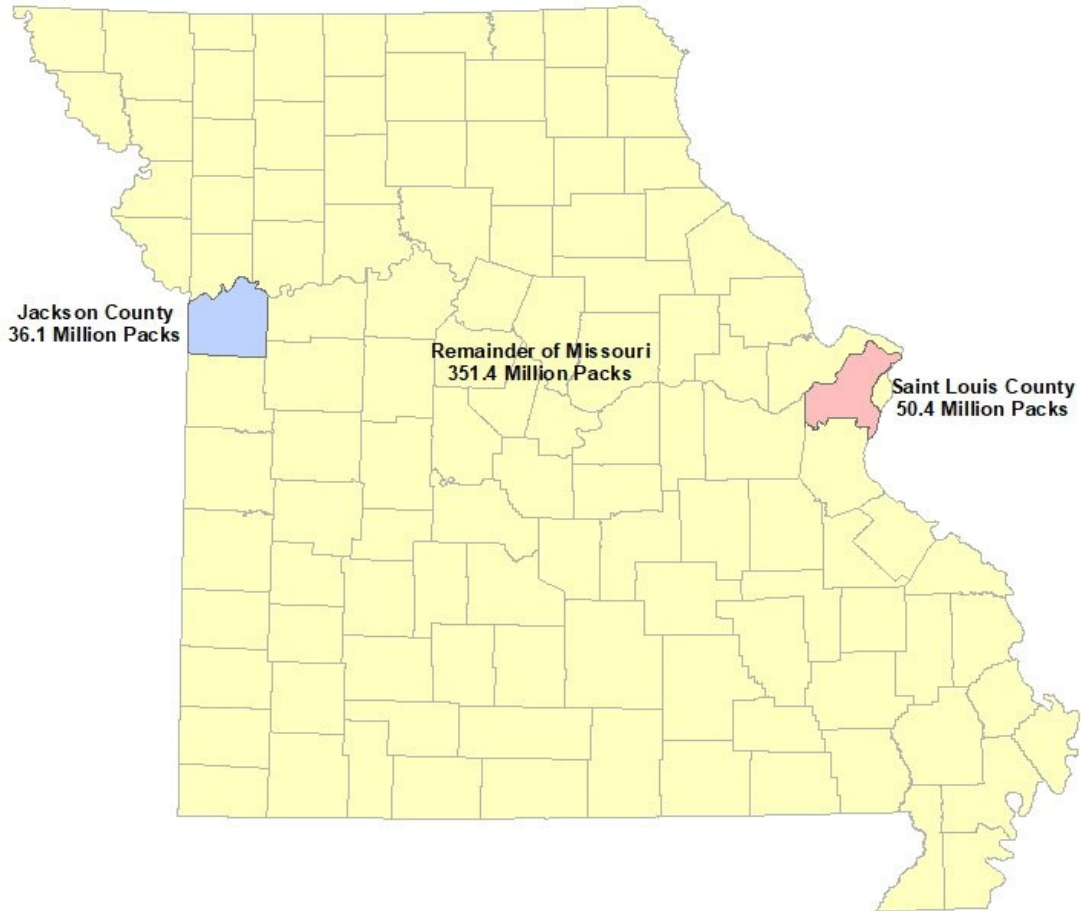


Data Source: Missouri Department of Public Safety, Division of Alcohol and Tobacco Control.

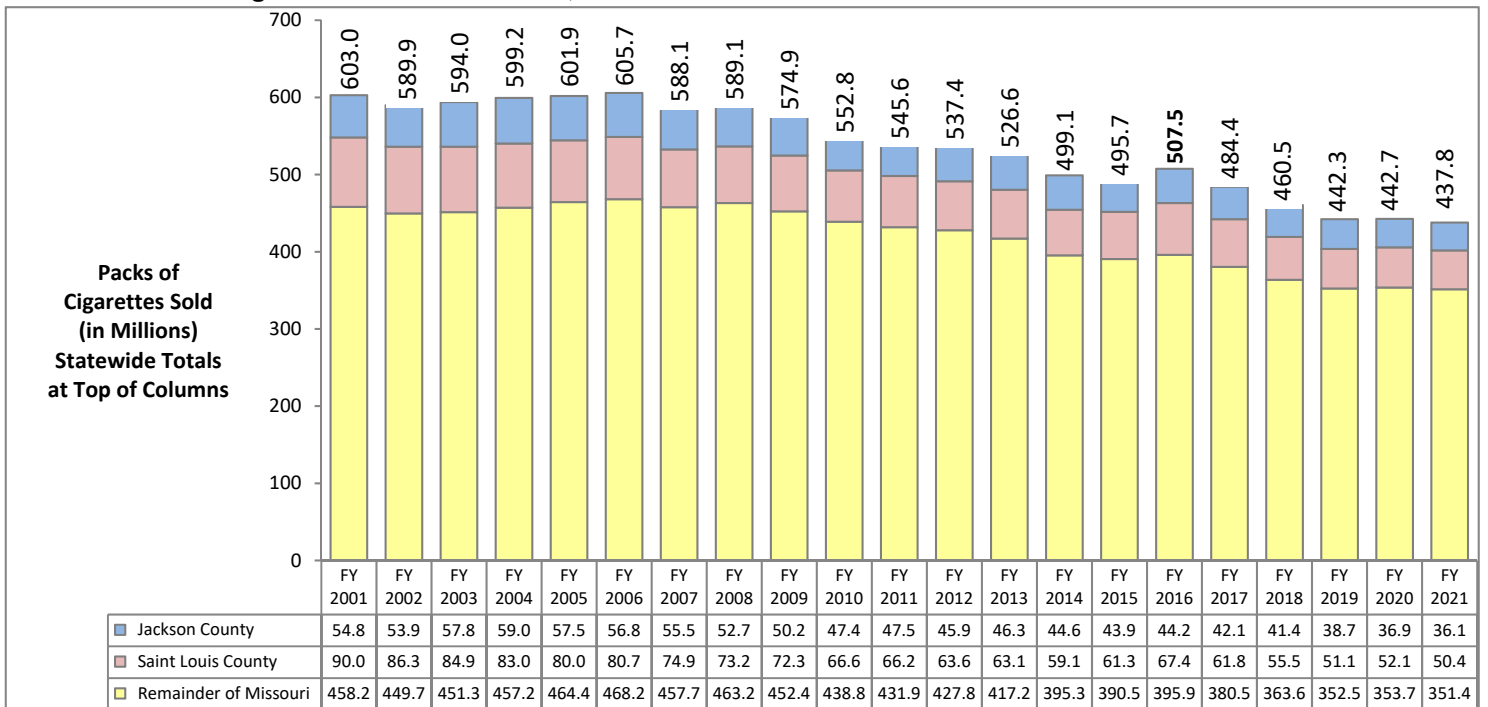
Rates based on U.S. Census Bureau annual population estimates.

## MISSOURI TOBACCO SALES

### Estimated Packs of Cigarettes Sold in Missouri, Fiscal Year 2021



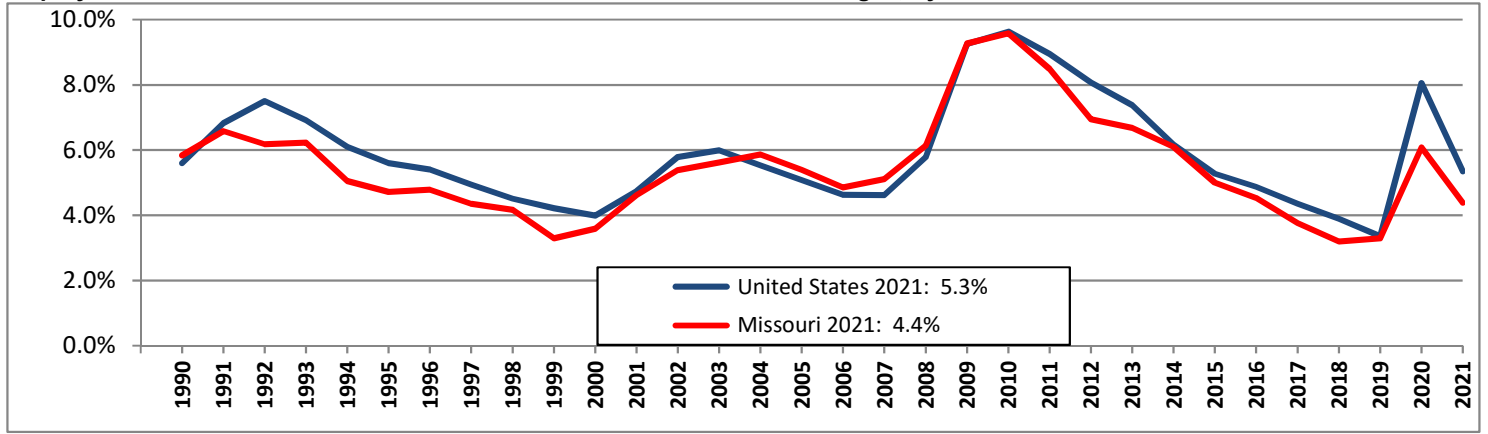
### Estimated Packs of Cigarettes Sold in Missouri, FY 2001-2021



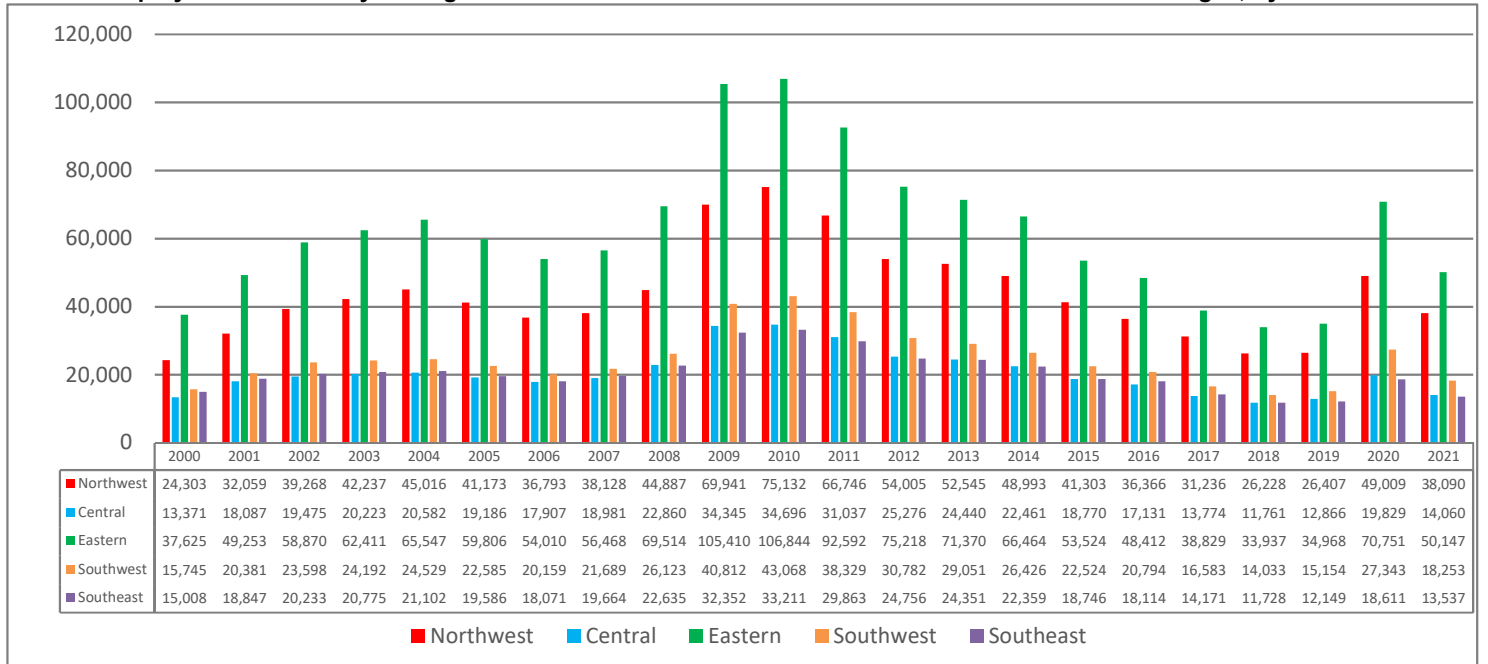
Source: Derived from Missouri Department of Revenue. Financial and Statistical Report FY 2021 (and earlier years), Table "Taxes Administered".  
 Total cigarette sales estimates are based on statewide tax rate of \$0.1649 per pack.  
 Portions of sales in Jackson County and Saint Louis County are based on county supplemental cigarette tax rates of \$0.05 per pack.

## MISSOURI UNEMPLOYMENT

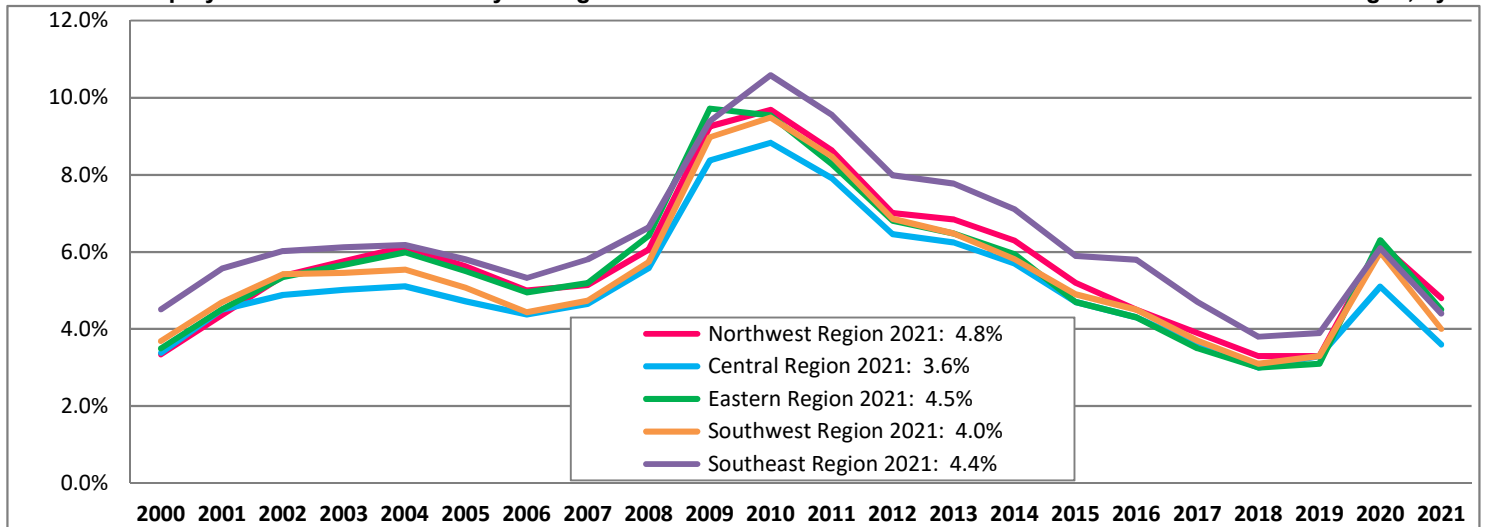
**Unemployment Rates in the United States and Missouri: Annualized Percentages, by Year**



**Number Unemployed in Data Analysis Regions of Missouri Division of Behavioral Health: Annualized Averages, by Year**



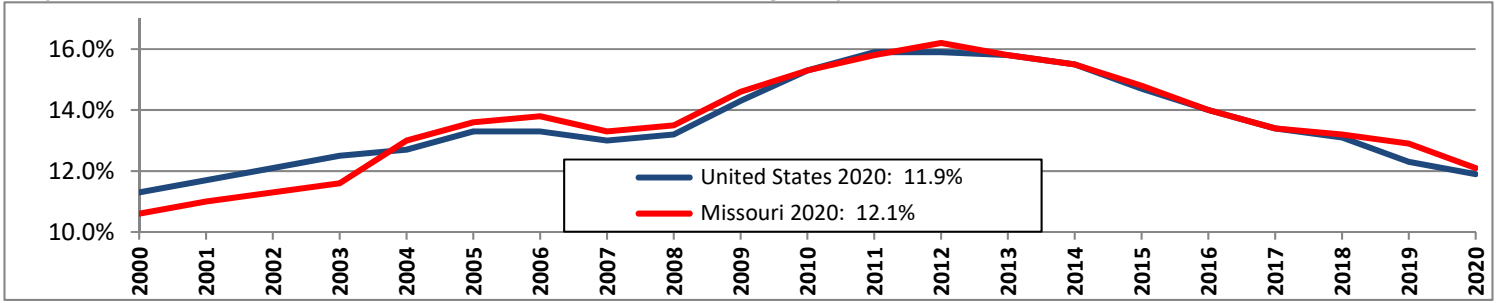
**Calculated Unemployment Rates in Data Analysis Regions of Missouri Division of Behavioral Health: Annualized Percentages, by Year**



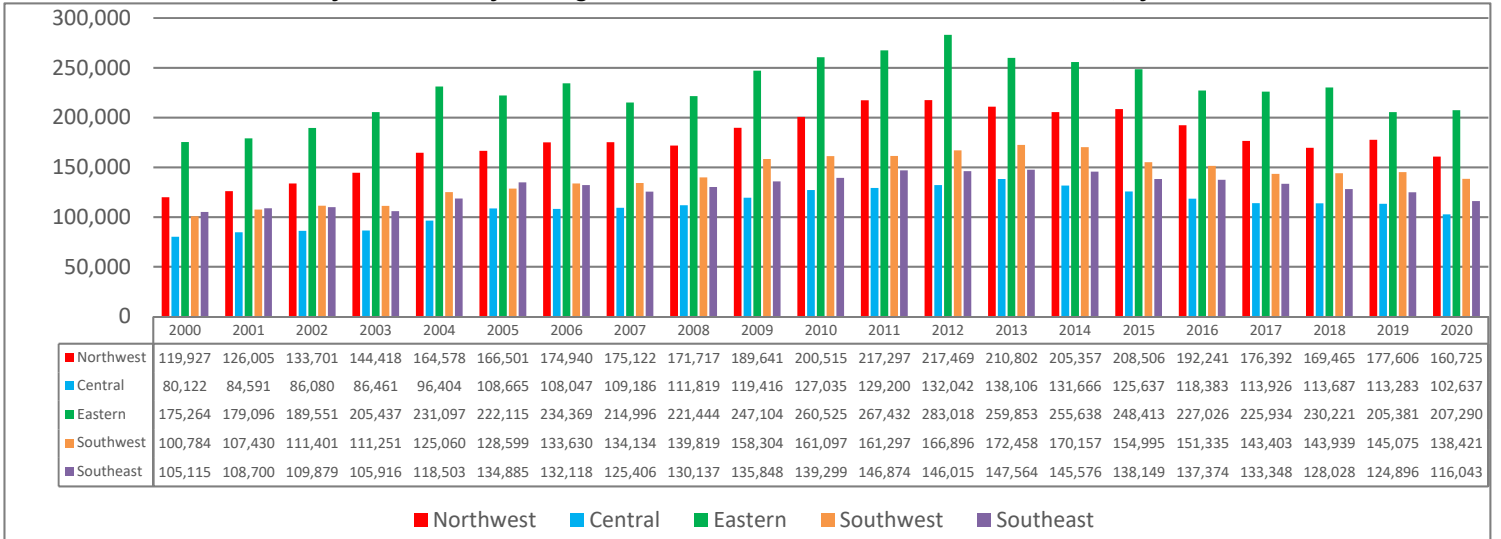
Data Sources: Missouri Dept of Economic Development, Missouri Economic Research and Information Center; Local Area Unemployment Statistics. <http://www.missourieconomy.org/indicators/laus/default.aspx>.  
 U.S. Dept of Labor, Bureau of Labor Statistics. Labor Force Statistics from the Current Population Survey. Table: Employment status of the civilian noninstitutional population, 1941 to date.

# POVERTY IN MISSOURI

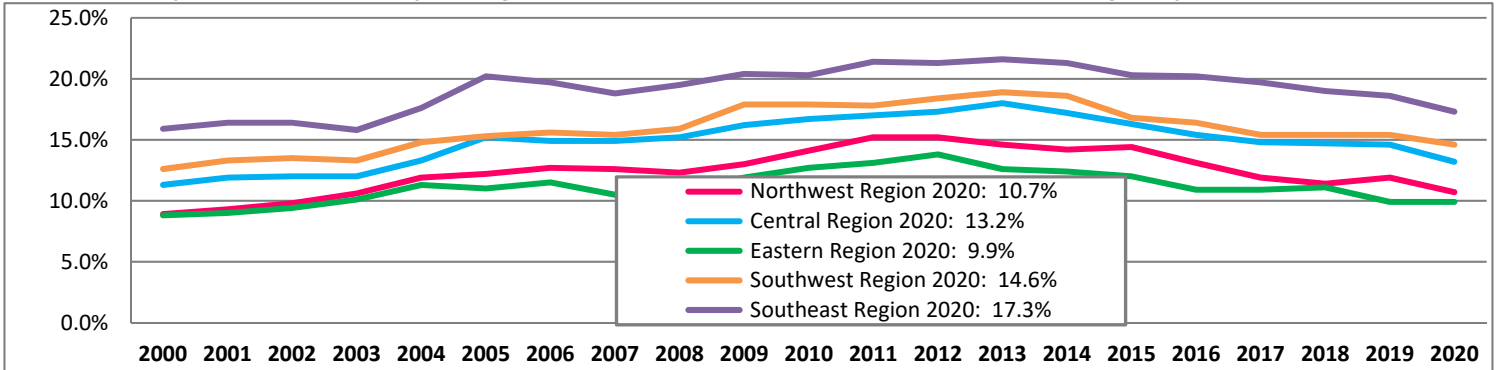
Poverty Rates in the United States and Missouri: Annualized Percentages, by Year



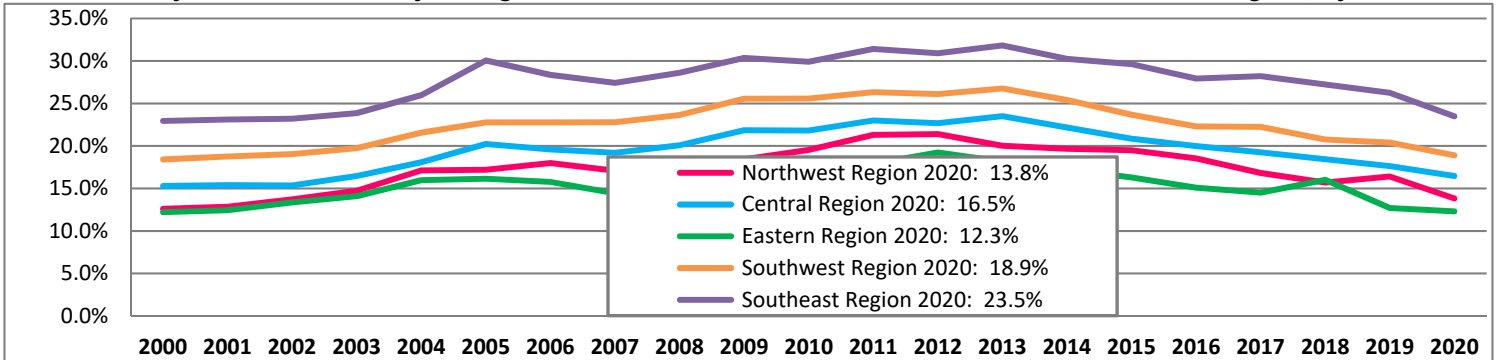
Number of Individuals in Poverty in Data Analysis Regions of Missouri Division of Behavioral Health, by Year



Calculated Poverty Rates for Data Analysis Regions of Missouri Division of Behavioral Health: All Ages, by Year



Calculated Poverty Rates for Data Analysis Regions of Missouri Division of Behavioral Health: Children Under Age 18, by Year



Data Sources: U.S. Department of Commerce, U.S. Census Bureau, SAIPE State and County Estimates 2020 (and earlier reports). Missouri region poverty rate estimates were calculated by the Missouri Department of Mental Health, Division of Behavioral Health.