

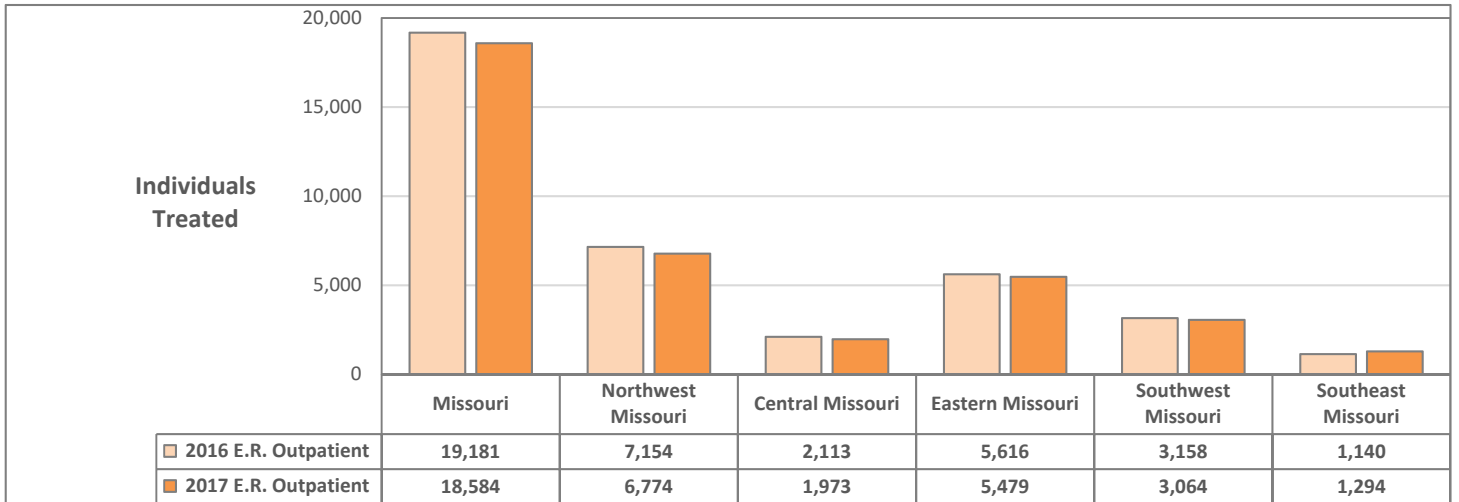
## Missouri Trend Data

*On the following pages:*

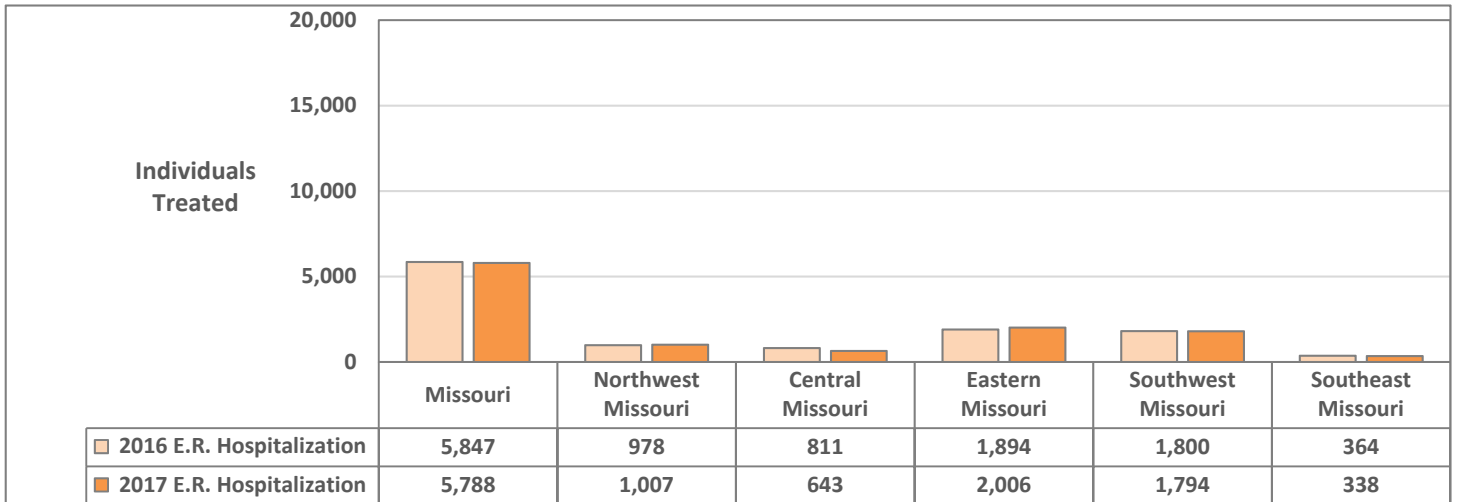
- D-01. Emergency Room and Hospital Services for Alcohol Use Disorders
- D-02. Emergency Room and Hospital Services for Drug Use Disorders
- D-03. Emergency Room and Hospital Services for Mental Disorders
- D-04. Diseases Associated with Substance Use
- D-05. Births Associated with Substance Use
- D-06. Deaths Associated with Substance Use and Mental Health Issues
- D-07. Traffic Crashes involving Alcohol Use
- D-08. Traffic Crashes involving Drug Use
- D-09. Recreational Boating Crashes involving Substance Use
- D-10. Alcohol and Drug Arrests
- D-11. Juvenile Court Encounters
- D-12. Juvenile Out-of-Home Placements
- D-13. Corrections for DWI and Drug Offenses
- D-14. Per Capita Alcohol Consumption
- D-15. Liquor Licenses
- D-16. Tobacco Consumption
- D-17. Unemployment

## HOSPITAL TREATMENT WITH PRIMARY DIAGNOSIS OF ALCOHOL USE DISORDER

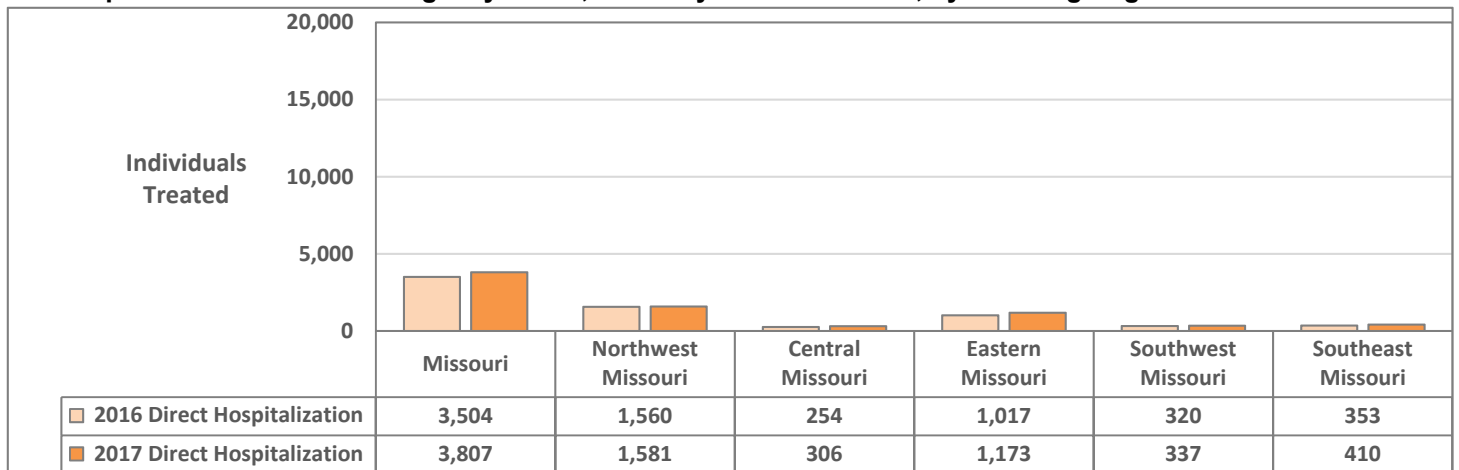
### Emergency Room Services followed by Discharge, Primarily for Alcohol Use, by Planning Region and Year



### 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

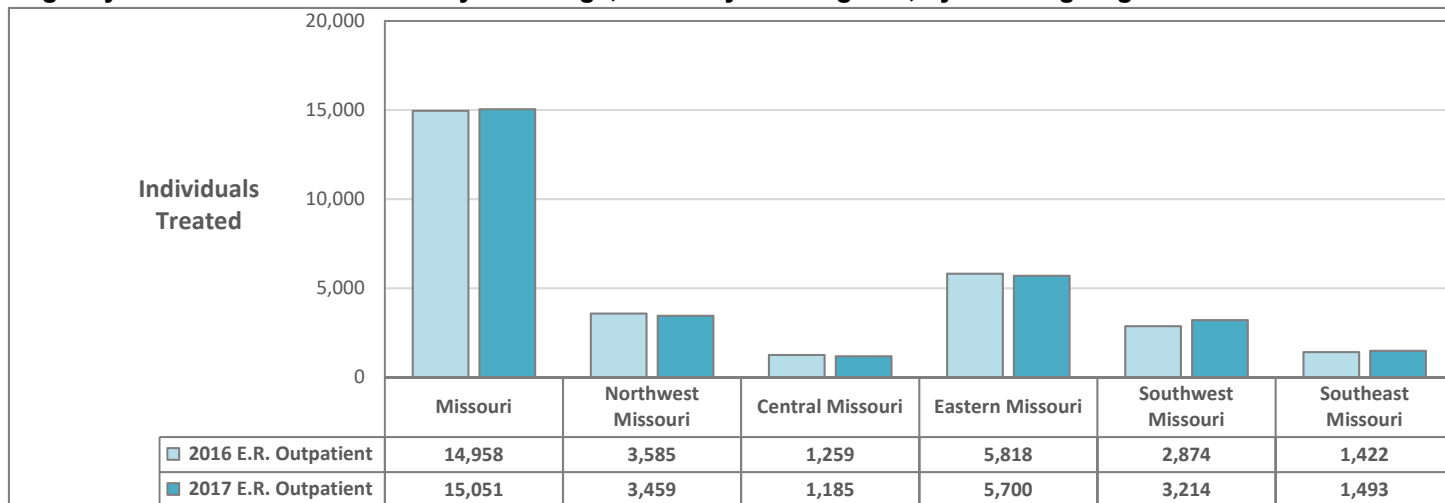


Data are aggregated to the Planning Regions used by the Missouri Department of Mental Health, Division of Behavioral Health. Counts for these charts are based on ICD-10 diagnosis codes selected by the national Healthcare Cost and Utilization Program (HCUP). Due to the transition from ICD-9 coding in 2015, data prior to 2016 are not included. Pre-2016 hospital counts are available in earlier Status Reports. Each individual is counted only once regardless of the number of hospital or E.R. episodes during the year for an alcohol use disorder.

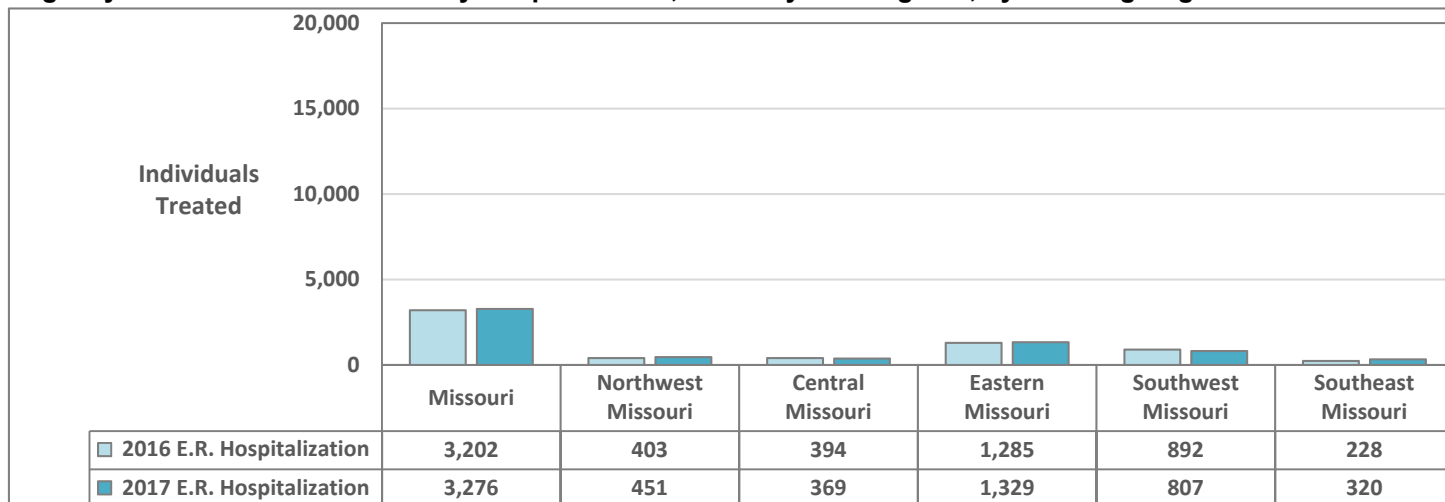
Data Source: Missouri Department of Health and Senior Services

## HOSPITAL TREATMENT WITH PRIMARY DIAGNOSIS OF DRUG USE DISORDER

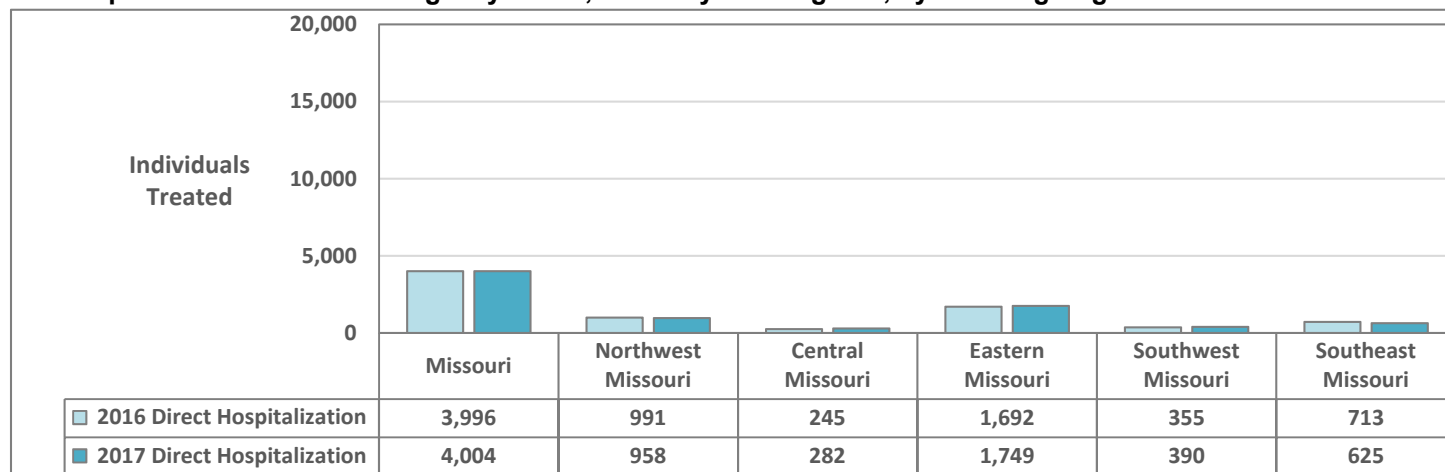
### Emergency Room Services followed by Discharge, Primarily for Drug Use, by Planning Region and Year



### 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

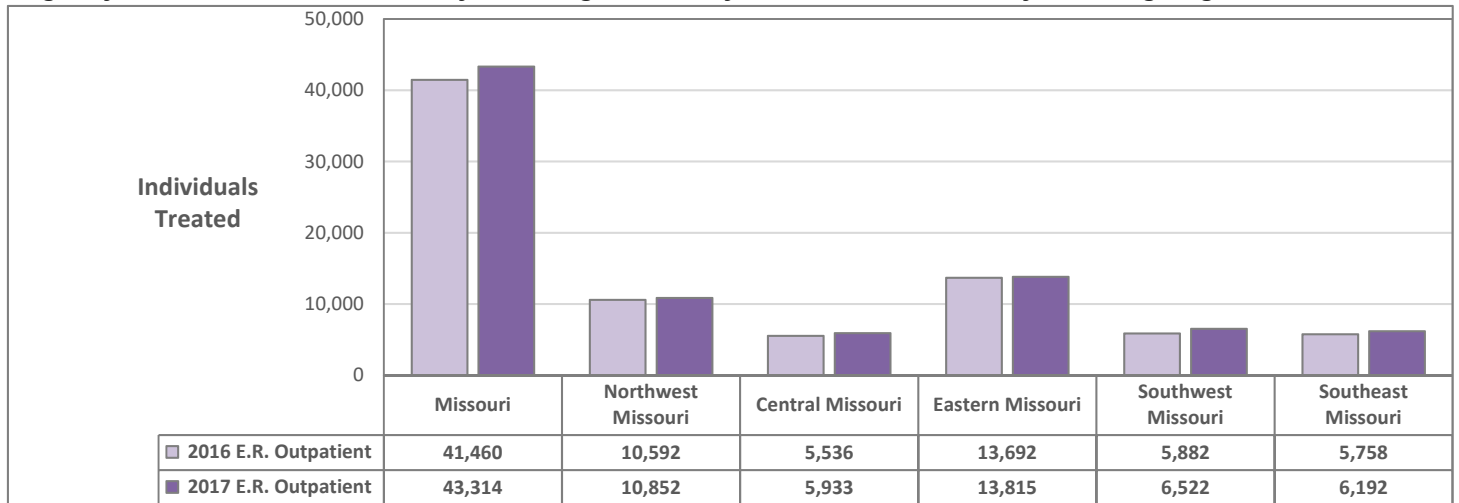


Data are aggregated to the Planning Regions used by the Missouri Department of Mental Health, Division of Behavioral Health. Counts for these charts are based on ICD-10 diagnosis codes selected by the national Healthcare Cost and Utilization Program (HCUP). Due to the transition from ICD-9 coding in 2015, data prior to 2016 are not included. Pre-2016 hospital counts are available in earlier Status Reports. Each individual is counted only once regardless of the number of hospital or E.R. episodes during the year for an alcohol use disorder.

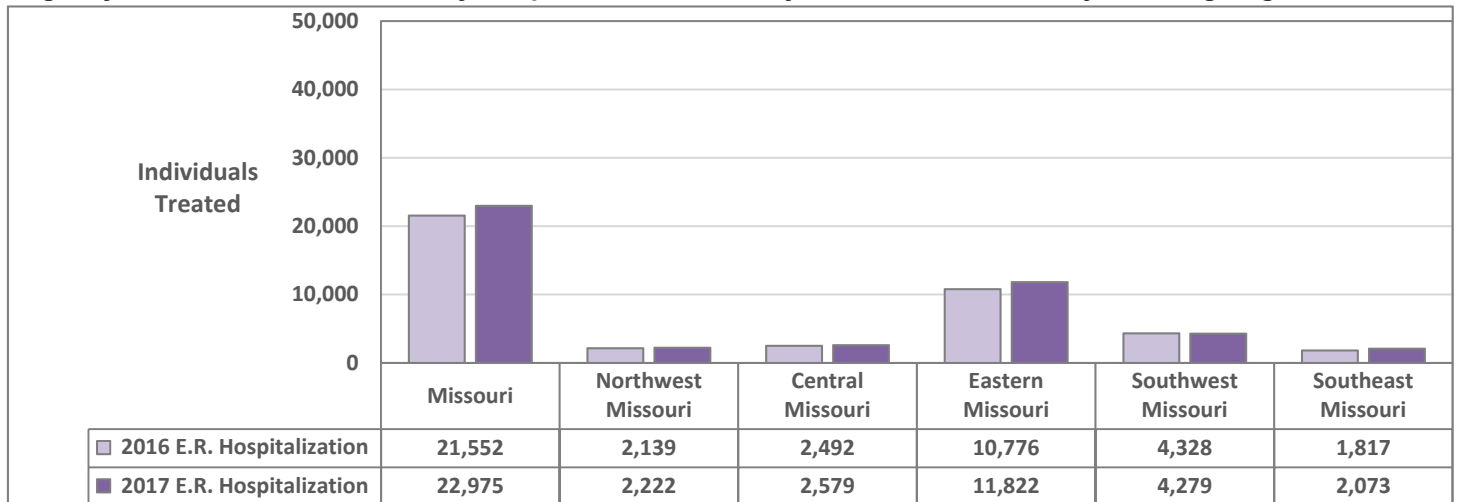
Data Source: Missouri Department of Health and Senior Services

## HOSPITAL TREATMENT WITH PRIMARY DIAGNOSIS OF MENTAL DISORDER

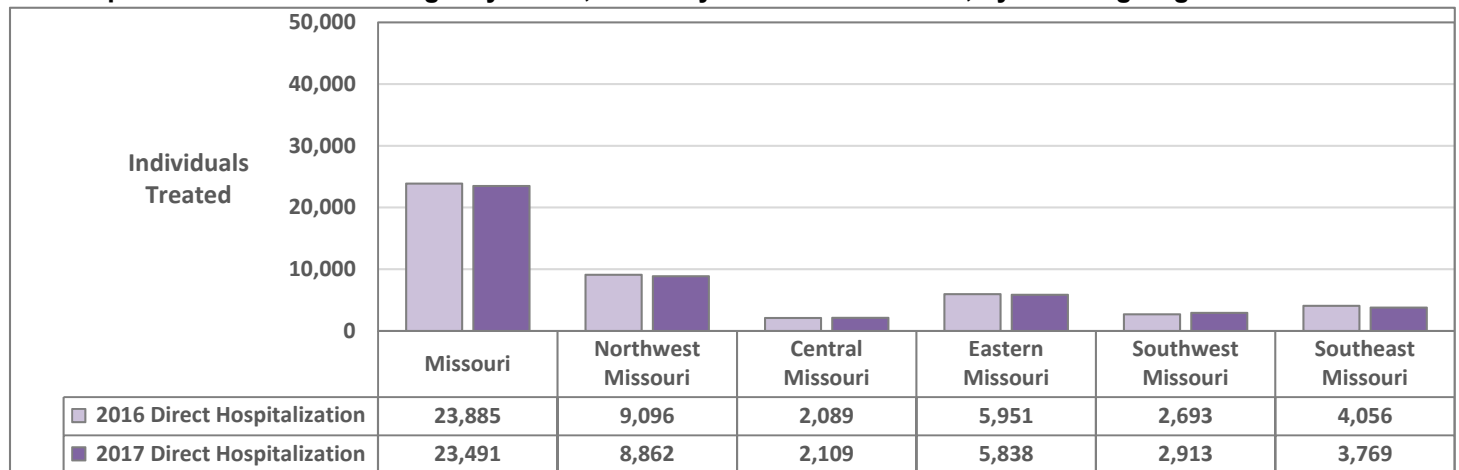
### Emergency Room Services followed by Discharge, Primarily for Mental Disorder, by Planning Region and Year



### 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

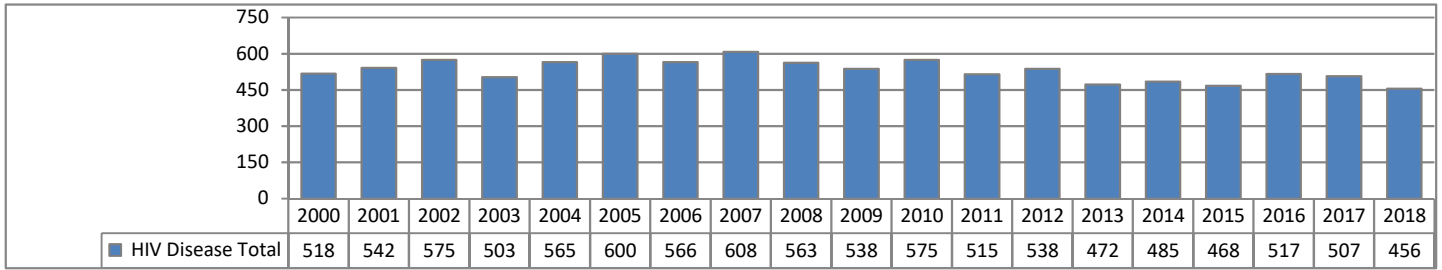


Data are aggregated to the Planning Regions used by the Missouri Department of Mental Health, Division of Behavioral Health. Counts for these charts are based on ICD-10 diagnosis codes selected by the national Healthcare Cost and Utilization Program (HCUP). Due to the transition from ICD-9 coding in 2015, data prior to 2016 are not included. Pre-2016 hospital counts are available in earlier Status Reports. Each individual is counted only once regardless of the number of hospital or E.R. episodes during the year for an alcohol use disorder.

Data Source: Missouri Department of Health and Senior Services

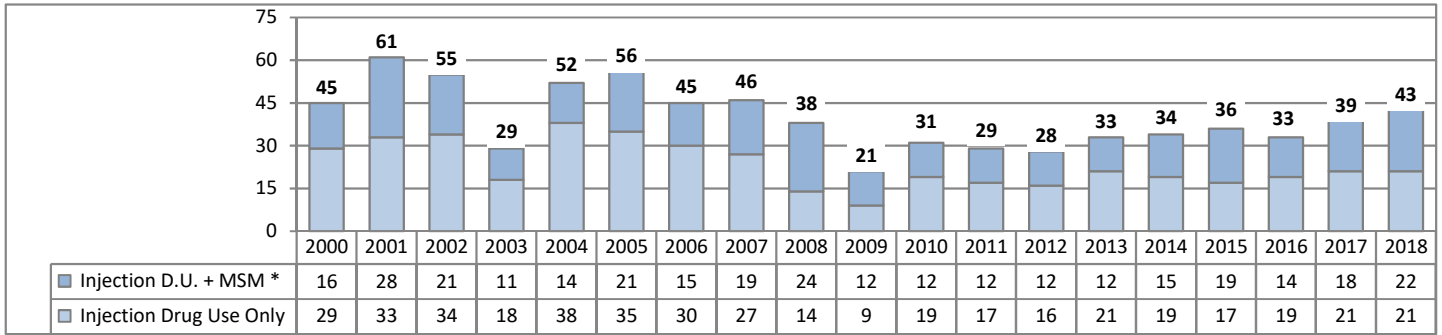
## DISEASES ASSOCIATED WITH SUBSTANCE USE

### Newly Diagnosed HIV Disease Cases Associated with All Causes of Exposure: Missouri Residents



Data Source: Missouri Department of Health and Senior Services, Bureau of Reportable Disease Informatics.

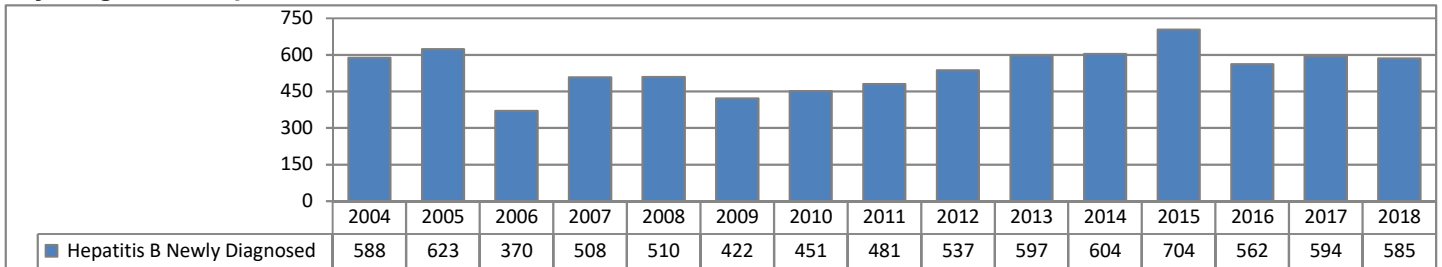
### Newly Diagnosed HIV Disease Cases Involving Injection Drug Use Risk Factor: Missouri Residents



\* MSM denotes HIV risk factor for men who have sex with men.

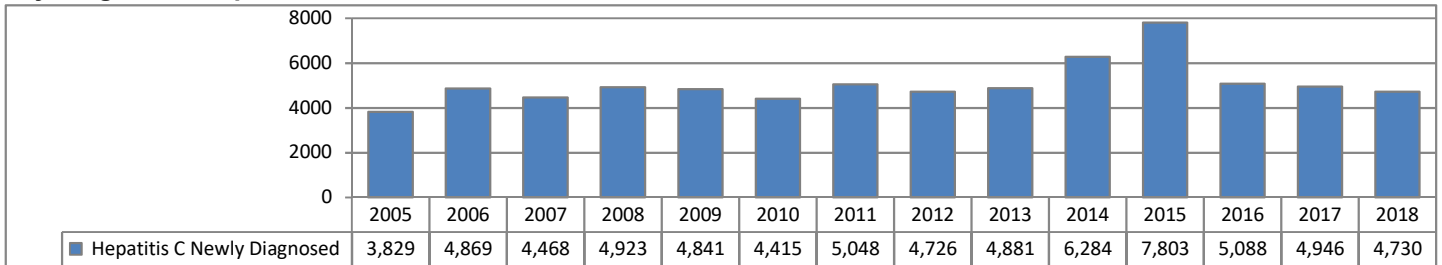
Data Source: Missouri Department of Health and Senior Services, Bureau of Reportable Disease Informatics.

### Newly Diagnosed Hepatitis B Cases: Missouri Residents



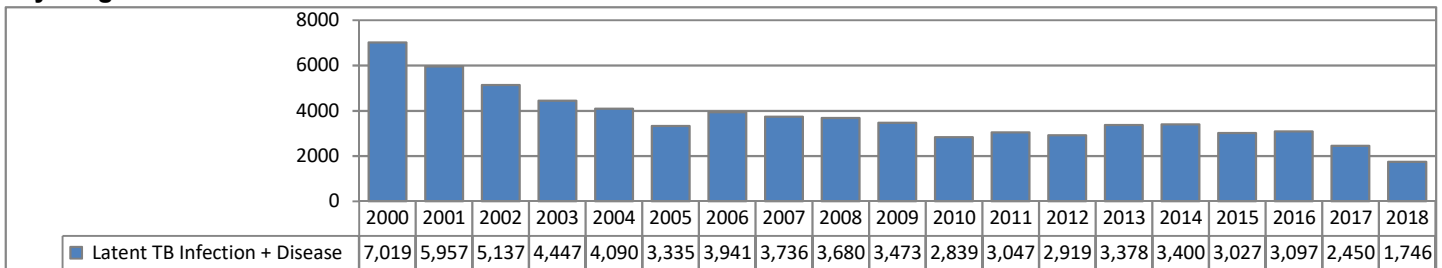
Data Source: Missouri Department of Health and Senior Services, Bureau of Reportable Disease Informatics.

### Newly Diagnosed Hepatitis C Cases: Missouri Residents



Data Source: Missouri Department of Health and Senior Services, Bureau of Reportable Disease Informatics.

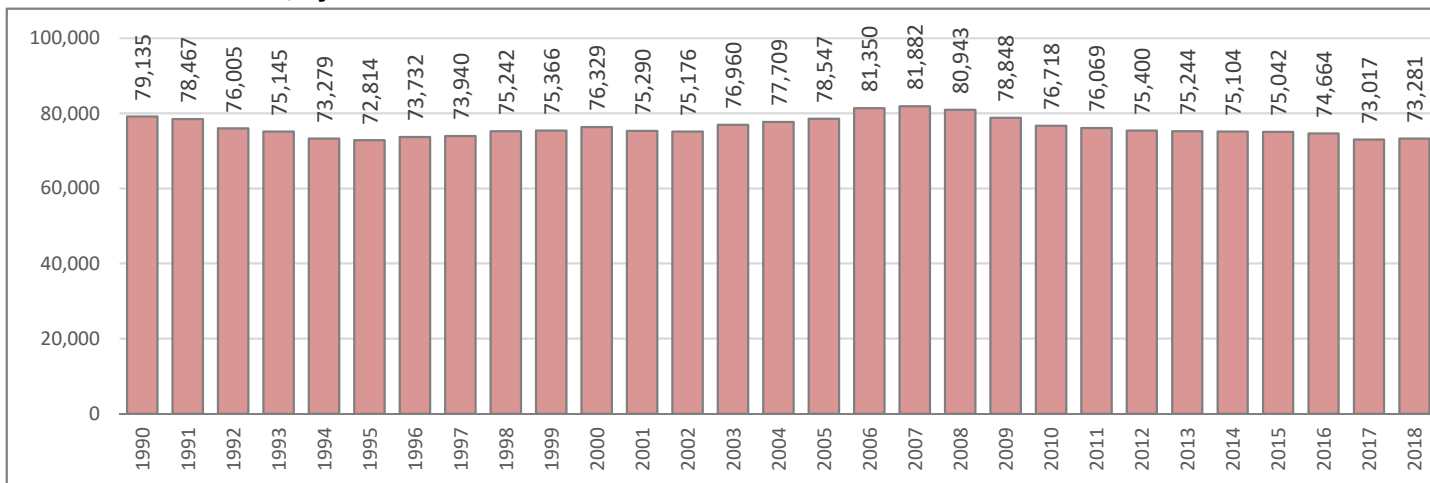
### Newly Diagnosed Tuberculosis Cases: Missouri Residents



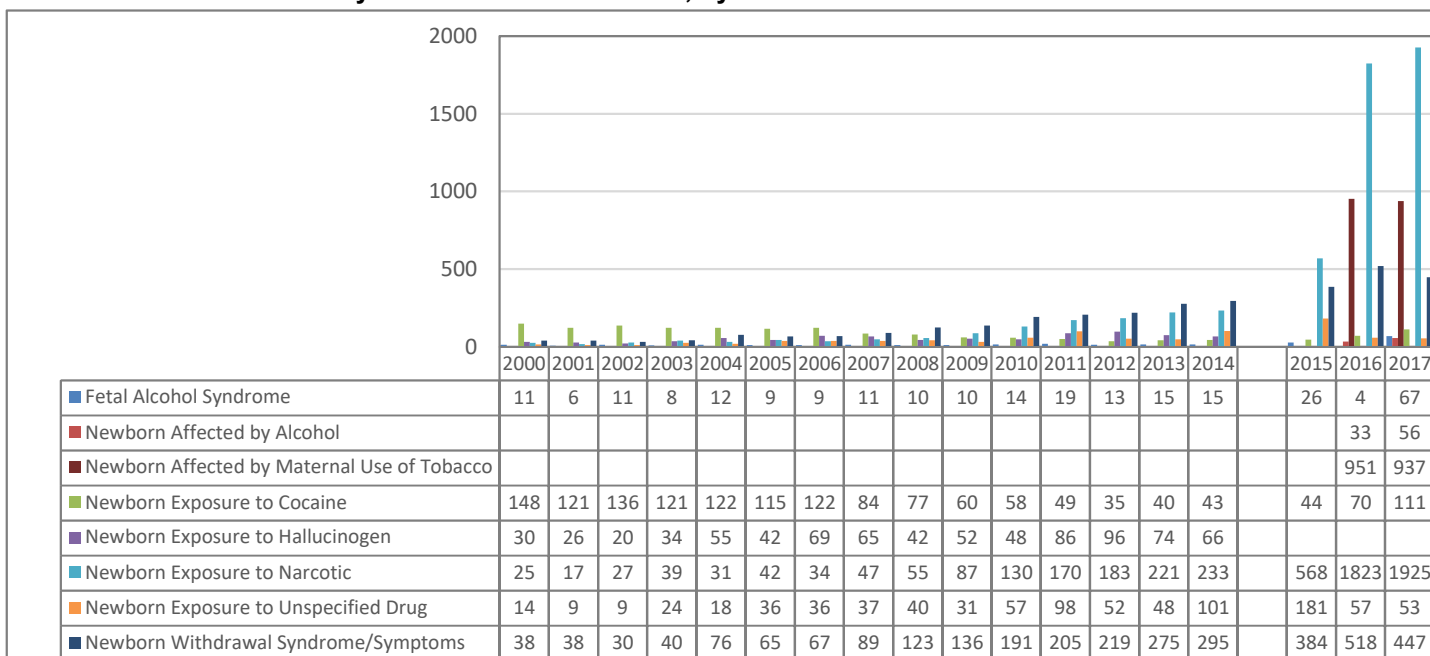
Data Source: Missouri Department of Health and Senior Services, Bureau of Communicable Disease Control and Prevention.

## BIRTHS

### Missouri Resident Births, by Year

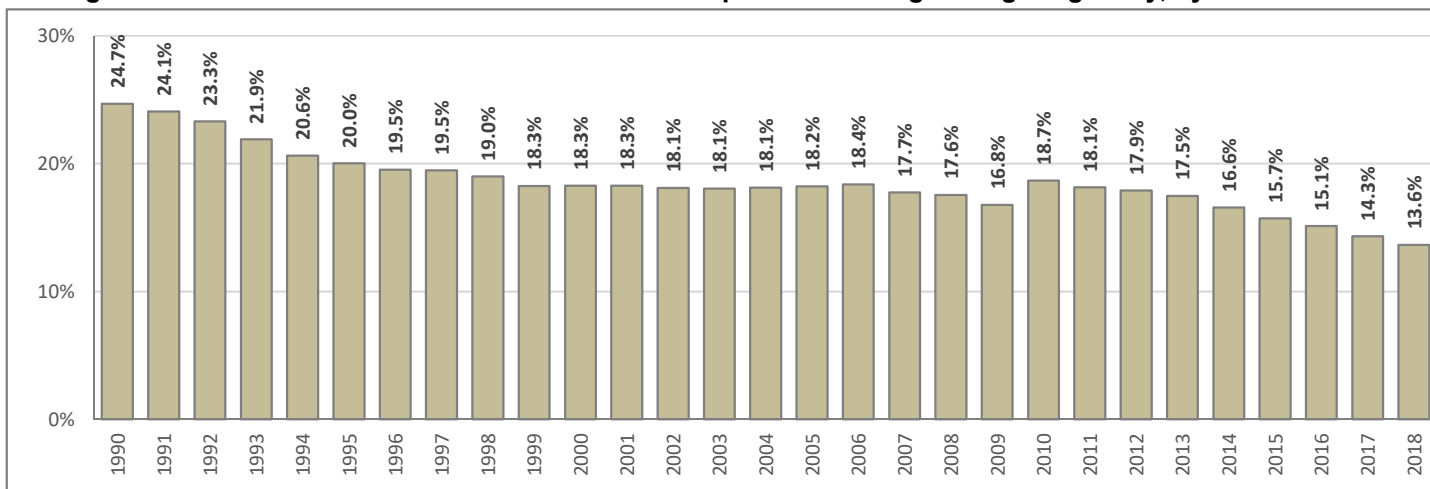


### Missouri Newborns Affected by Maternal Substance Use, by Year



Note: Beginning in the 4th quarter of 2015, ICD-10 medical coding replaced ICD-9. Due to changes in code labels and criteria, exposure data are not fully comparable to pre-2015 data. Also beginning in 2015, newborns exposed to more than one substance are counted in each applicable substance category.

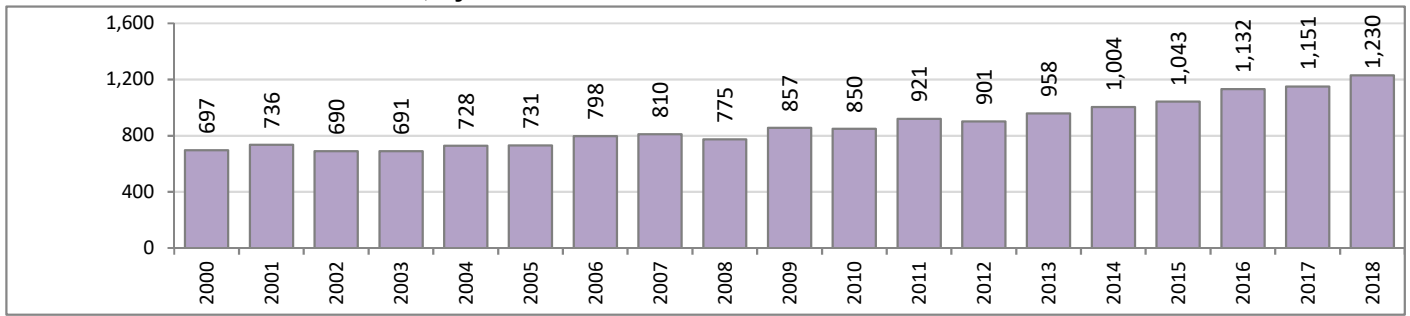
### Percentage of Missouri Resident Births in which Mother Reported Smoking During Pregnancy, by Year



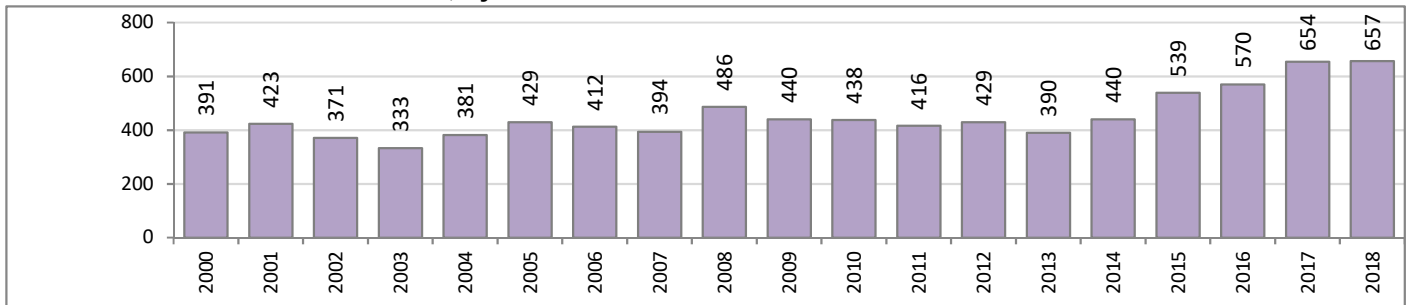
Data Source (all charts): Missouri Department of Health and Senior Services.

## DEATHS

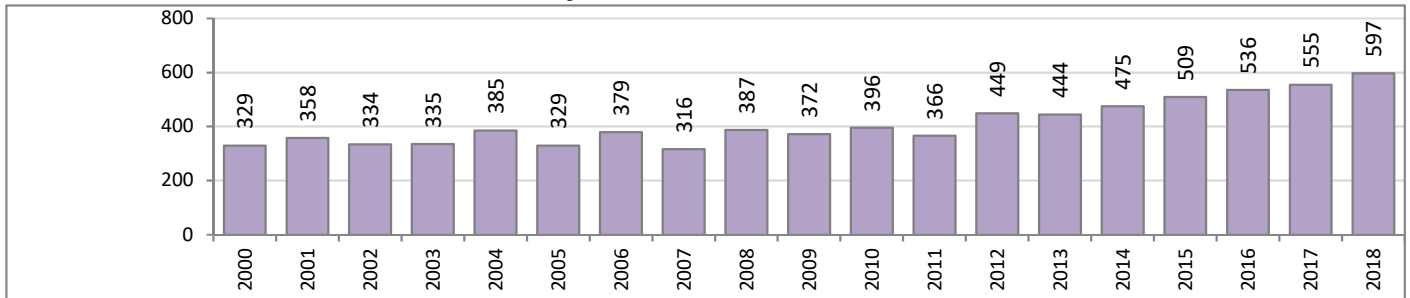
**Suicide Deaths: Missouri Residents, by Year**



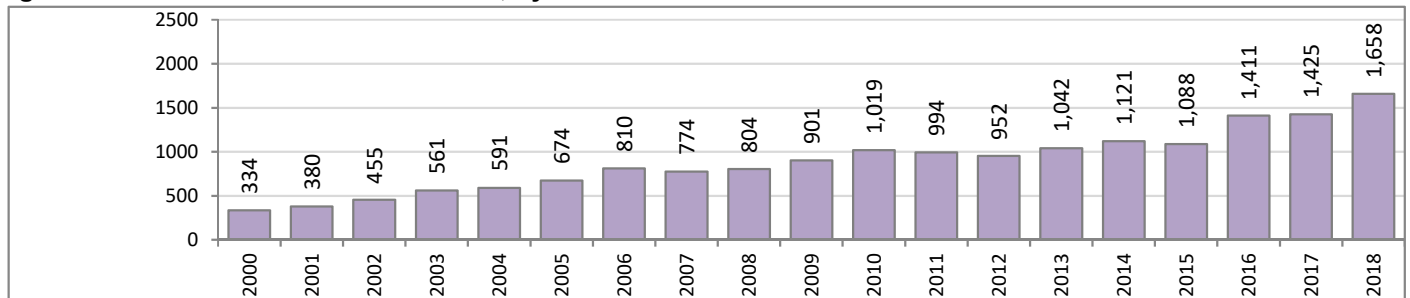
**Homicide Deaths: Missouri Residents, by Year**



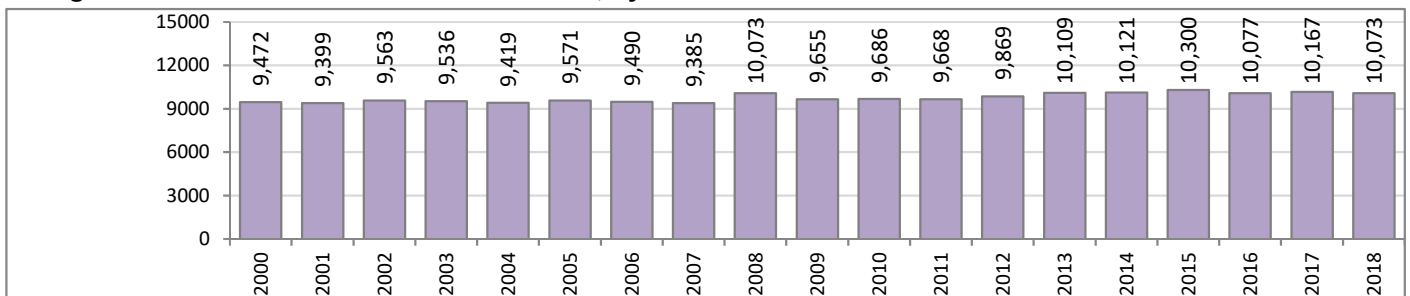
**Alcohol Induced Deaths: Missouri Residents, by Year**



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



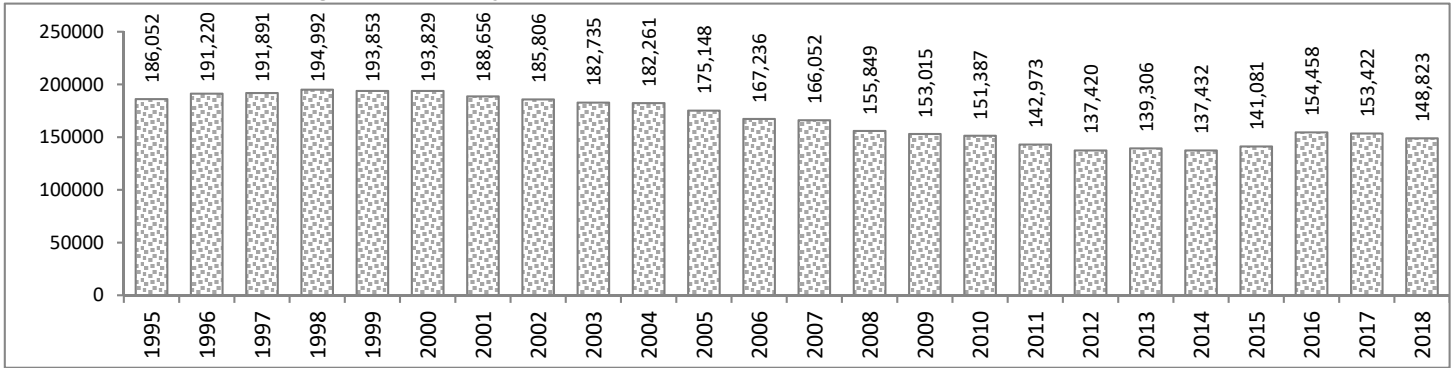
**Smoking Attributable Deaths: Missouri Residents, by Year**



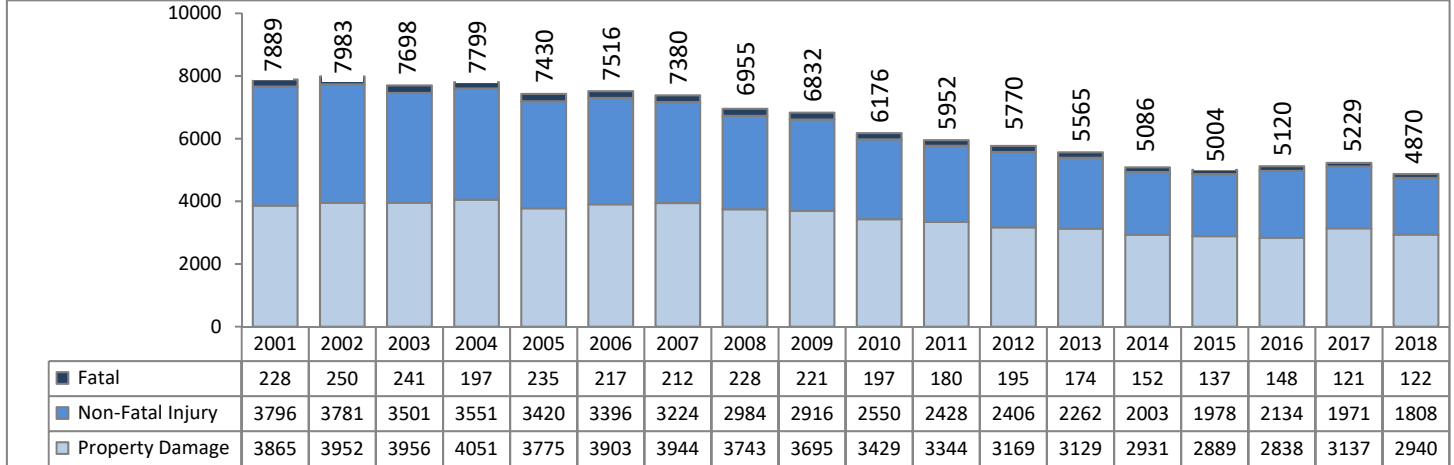
Data Source: Missouri Department of Health and Senior Services.

## TRAFFIC CRASHES INVOLVING ALCOHOL

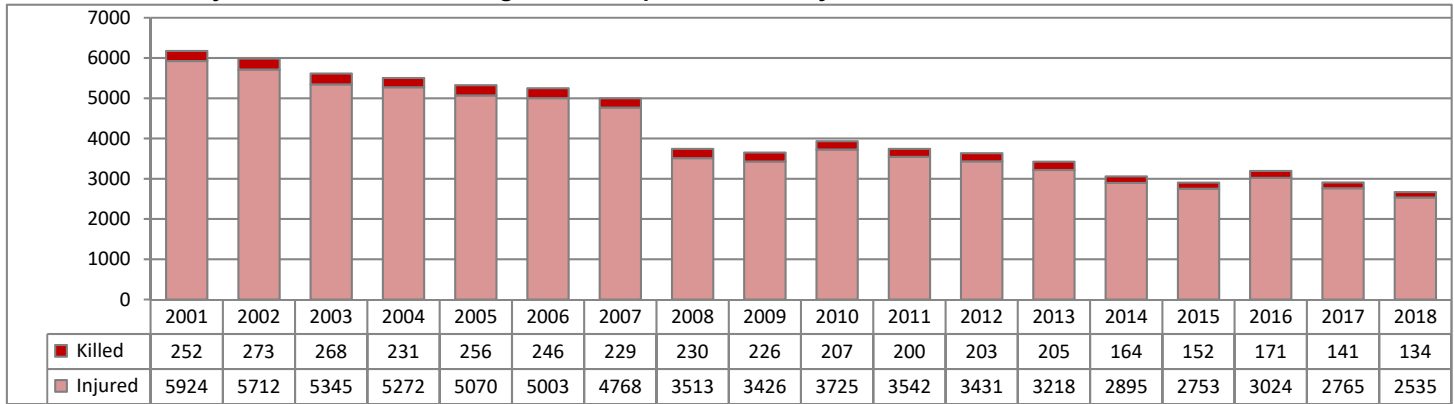
**Total Traffic Crashes Occurring in Missouri, by Year**



**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**

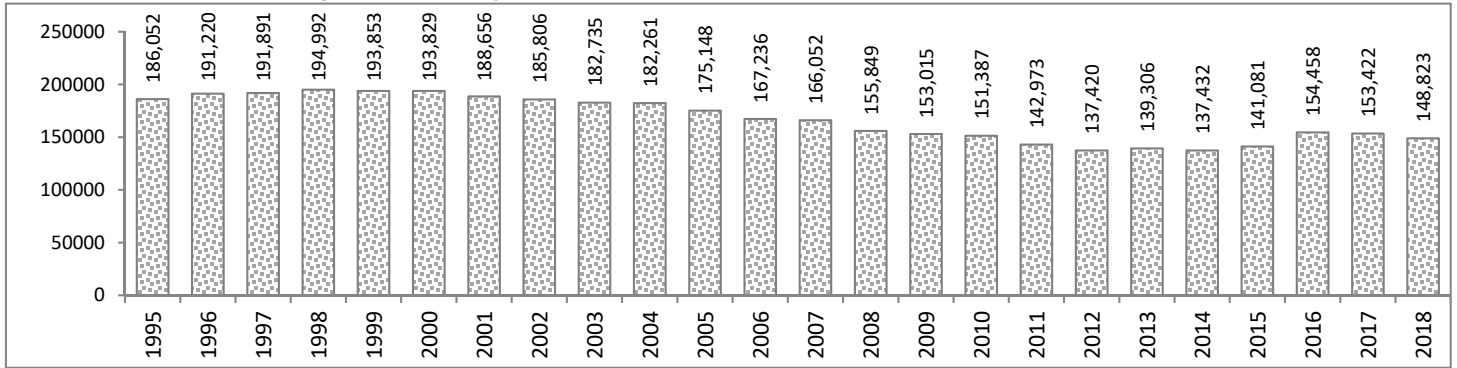


Data Source (all charts): Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center. Annual Tabulations.

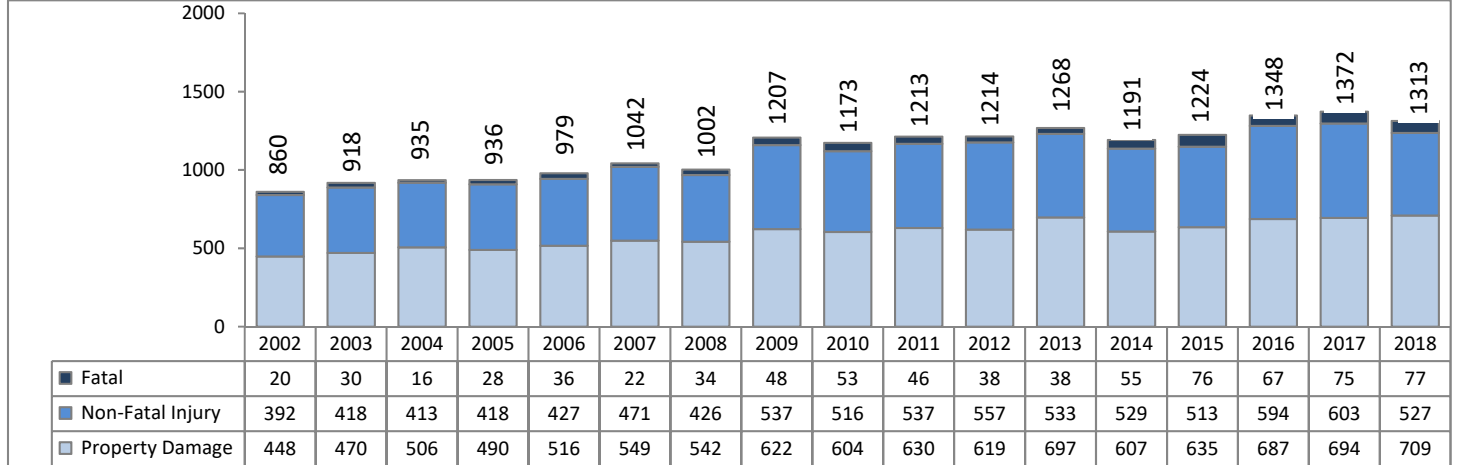


## TRAFFIC CRASHES INVOLVING DRUGS

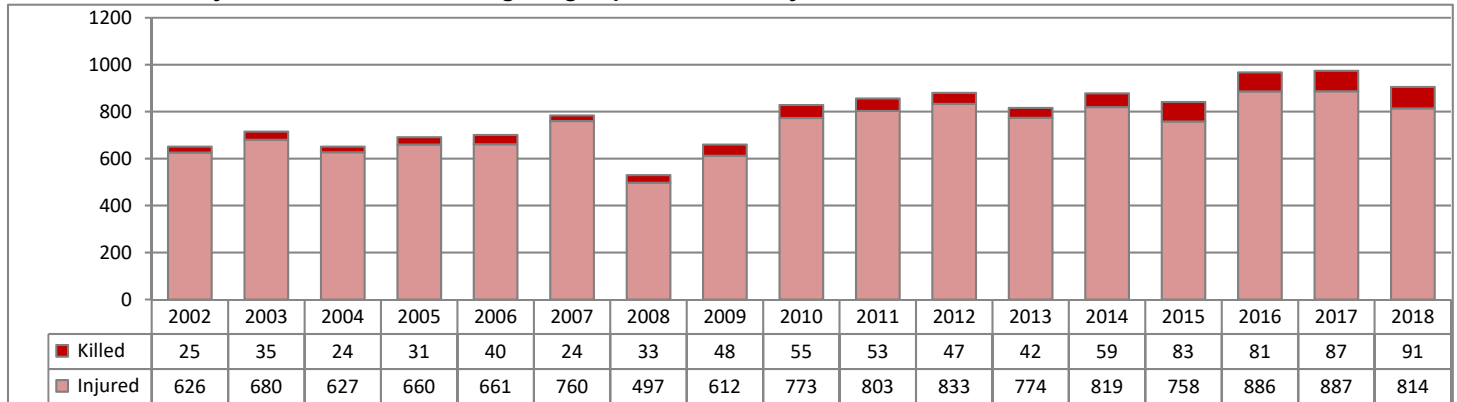
**Total Traffic Crashes Occurring in Missouri, by Year**



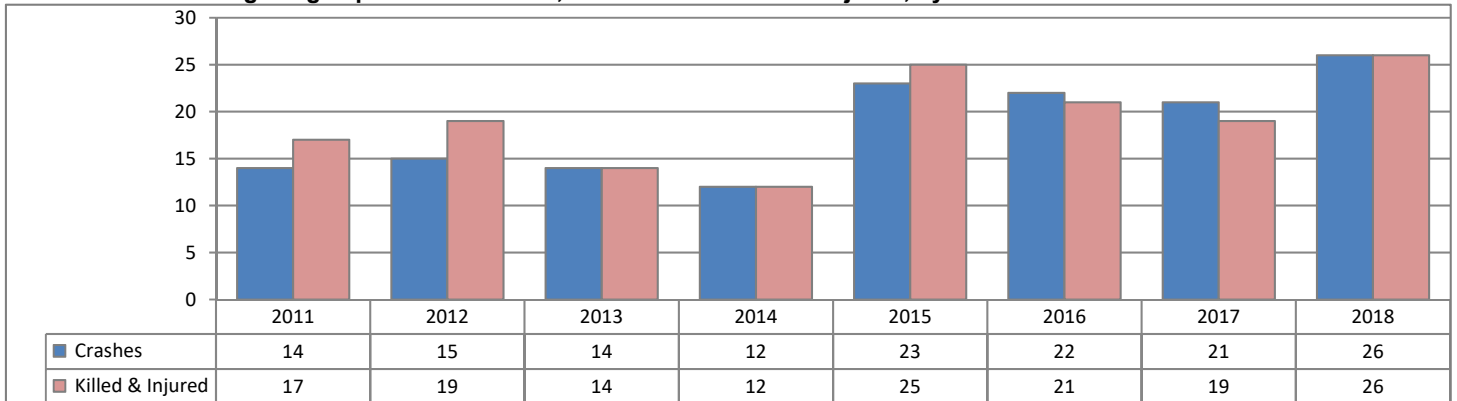
**Traffic Crashes Involving Drug Impaired Driver, by Crash Severity and Year**



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



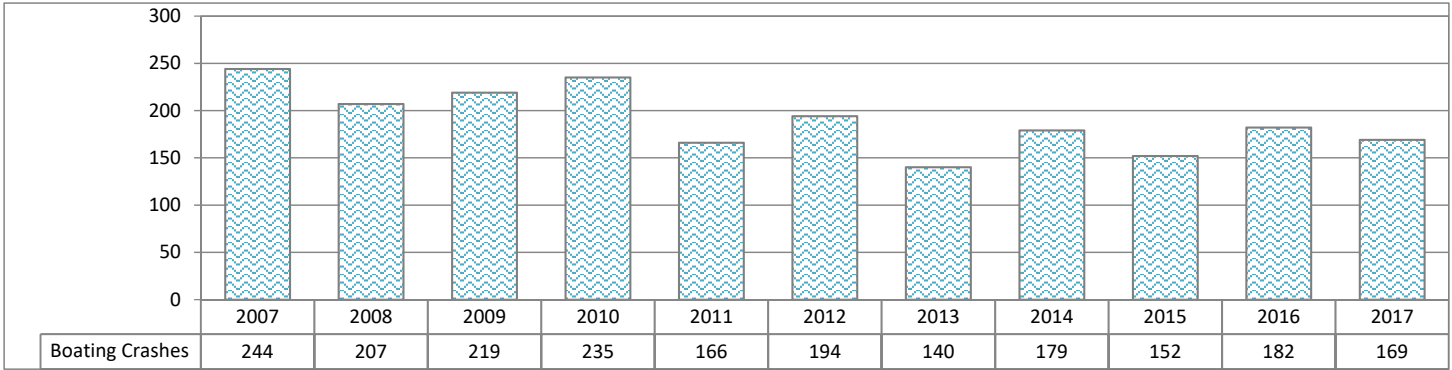
**Traffic Crashes Involving Drug Impaired Pedestrian, and Persons Killed or Injured, by Year**



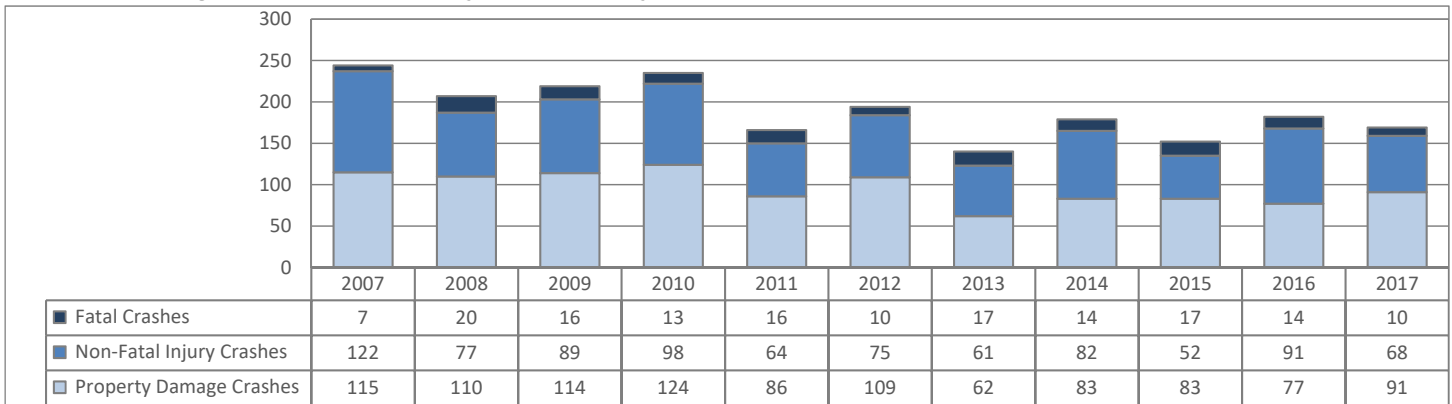
Data Source (all charts): Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center. Annual Tabulations.

## RECREATIONAL BOATING CRASHES

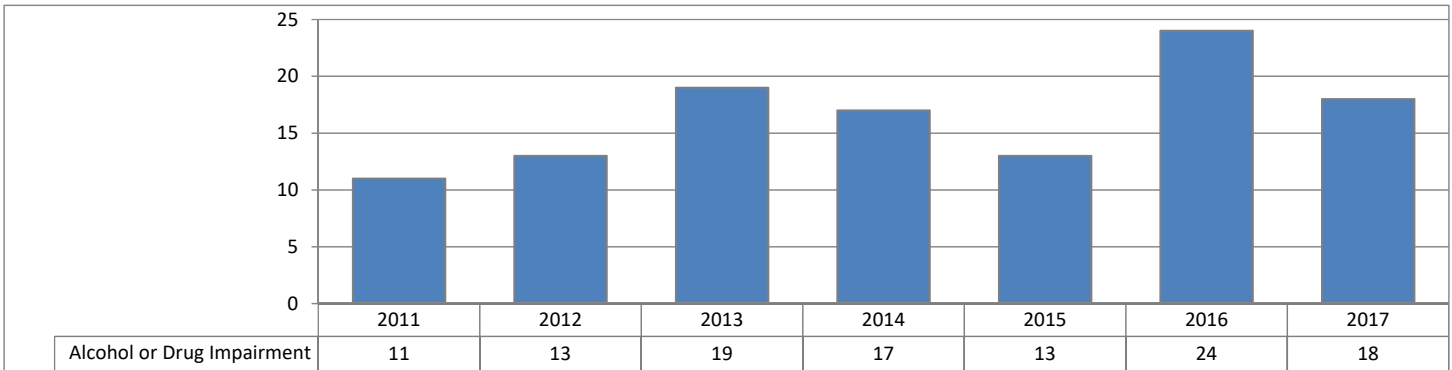
### Total Recreational Boating Crashes in Missouri



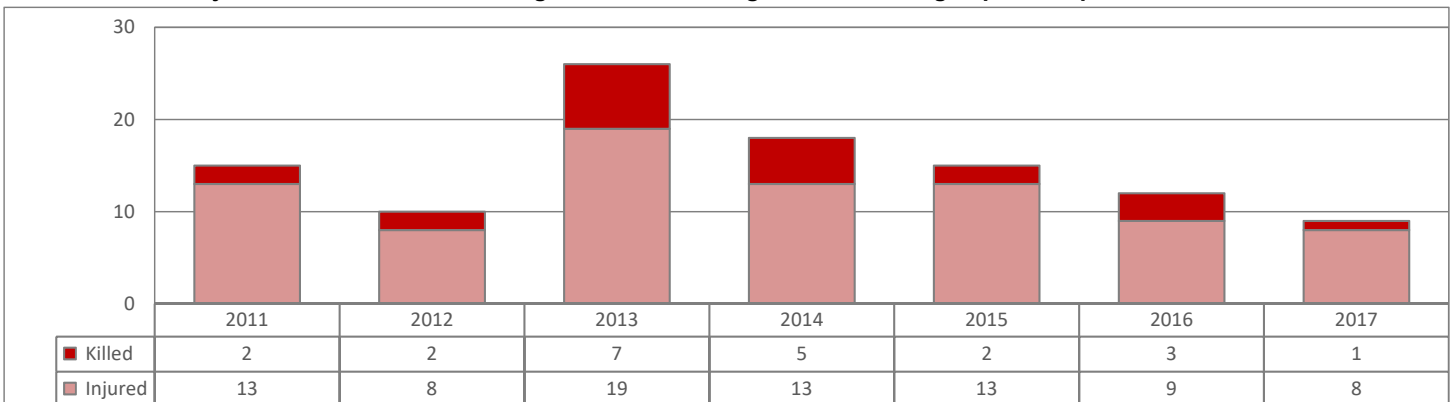
### Recreational Boating Crashes in Missouri by Crash Severity



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



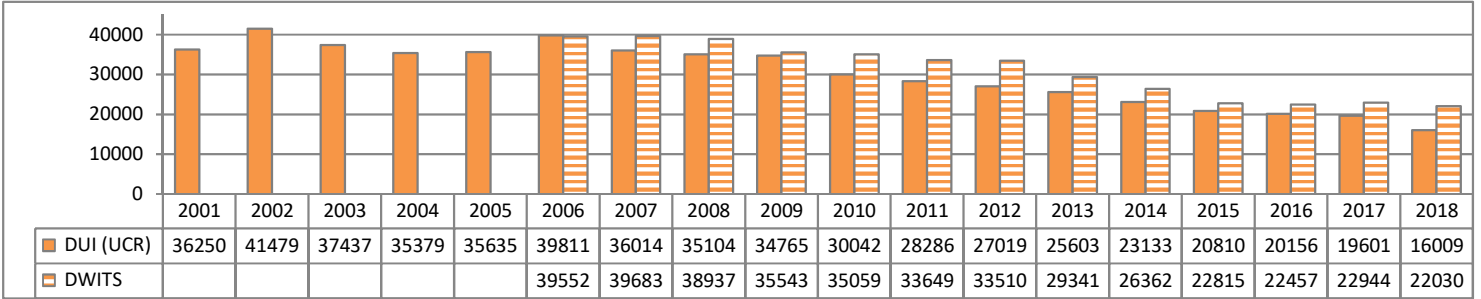
### Persons Killed and Injured in Recreational Boating Crashes involving Alcohol or Drug Impaired Operator



Data Source: Missouri Department of Public Safety, Missouri State Highway Patrol.  
Missouri Boating Statistics & Drownings annual report, 2012-2018 editions.

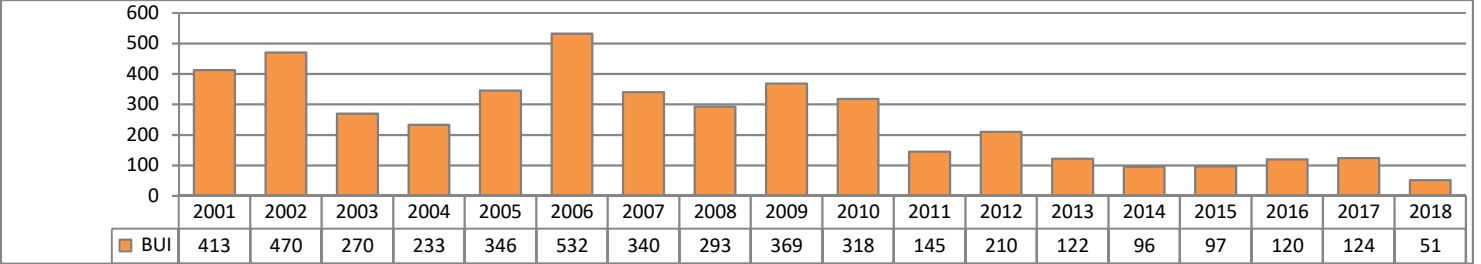
# ALCOHOL AND DRUG ARRESTS

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



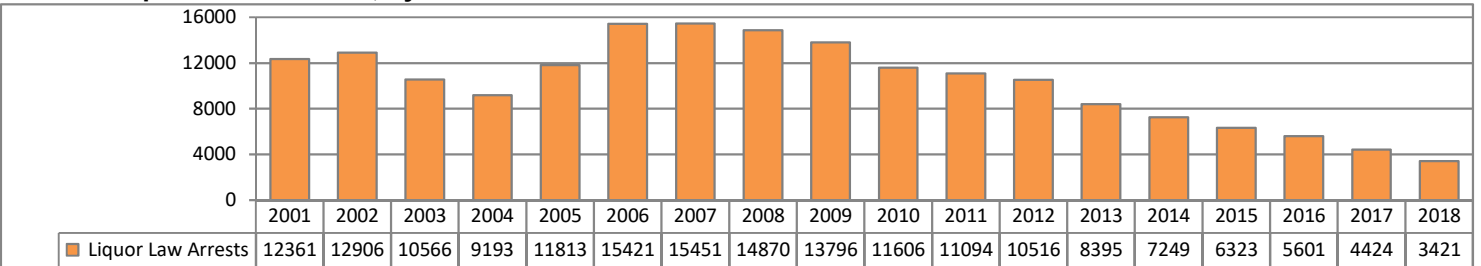
Data Source: Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center. FBI Uniform Crime Reports (UCR) and Missouri DWI Tracking System (DWITS).

## Arrests for Impaired Boating, by Year



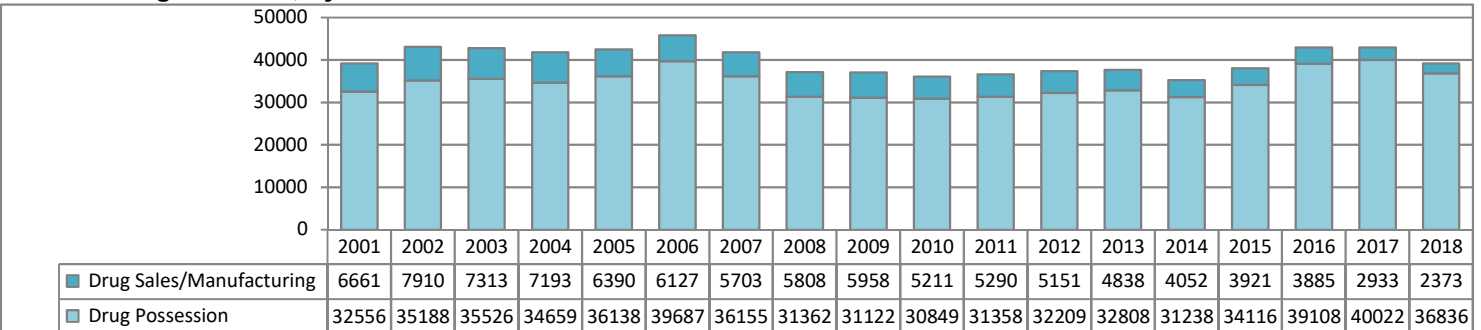
Data Source: Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center. Uniform Crime Reports.

## Arrests for Liquor Law Offenses, by Year



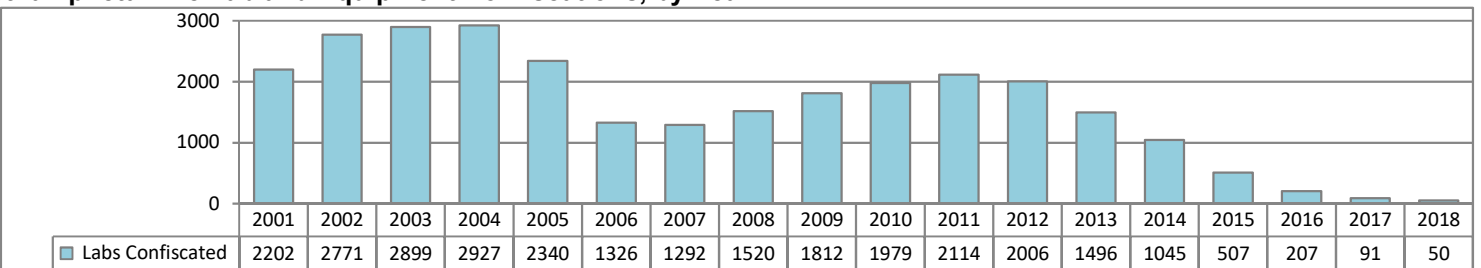
Data Source: Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center. Uniform Crime Reports.

## Arrests for Drug Offenses, by Year



Data Source: Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center. Uniform Crime Reports.

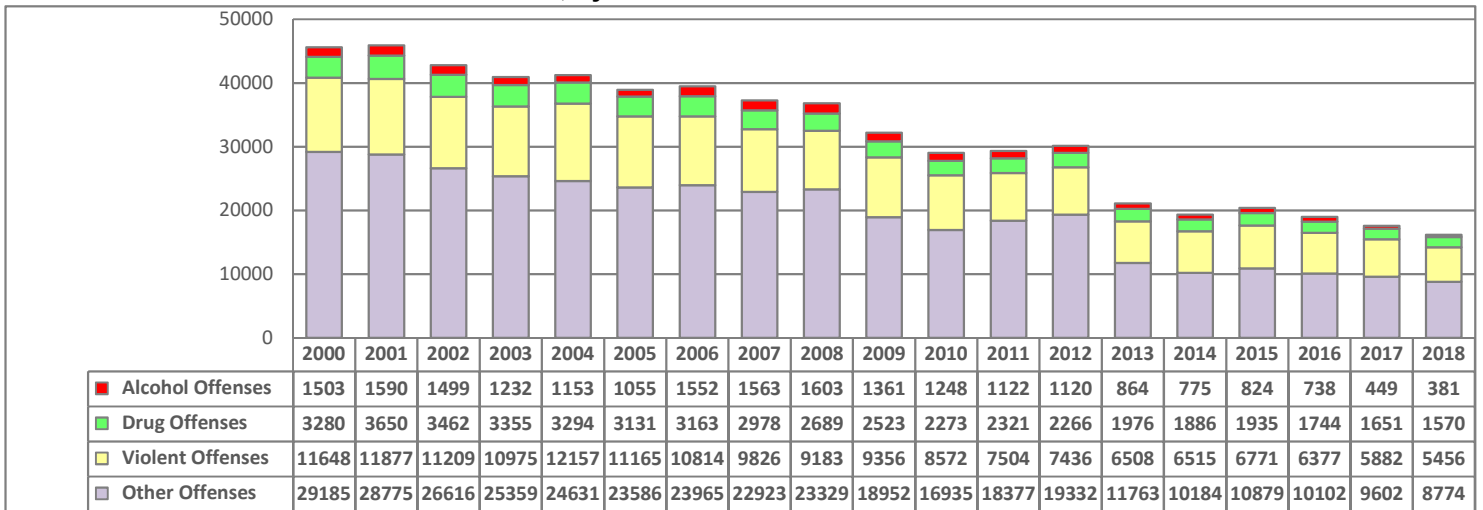
## Methamphetamine Lab and Equipment Confiscations, by Year



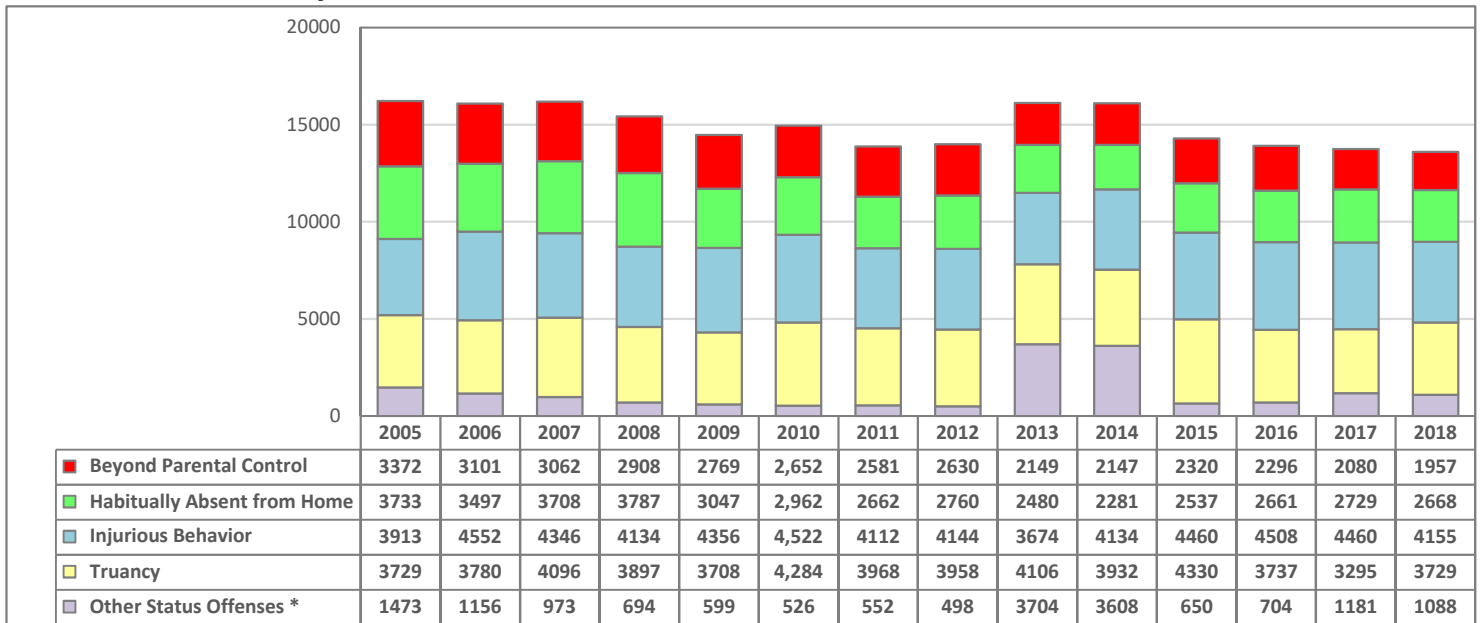
Data Source: Missouri Department of Public Safety, Missouri State Highway Patrol, Division of Drug and Crime Control, EPIC System.

## JUVENILE COURT ENCOUNTERS

### Referrals to Juvenile Courts for Law Violations, by Year

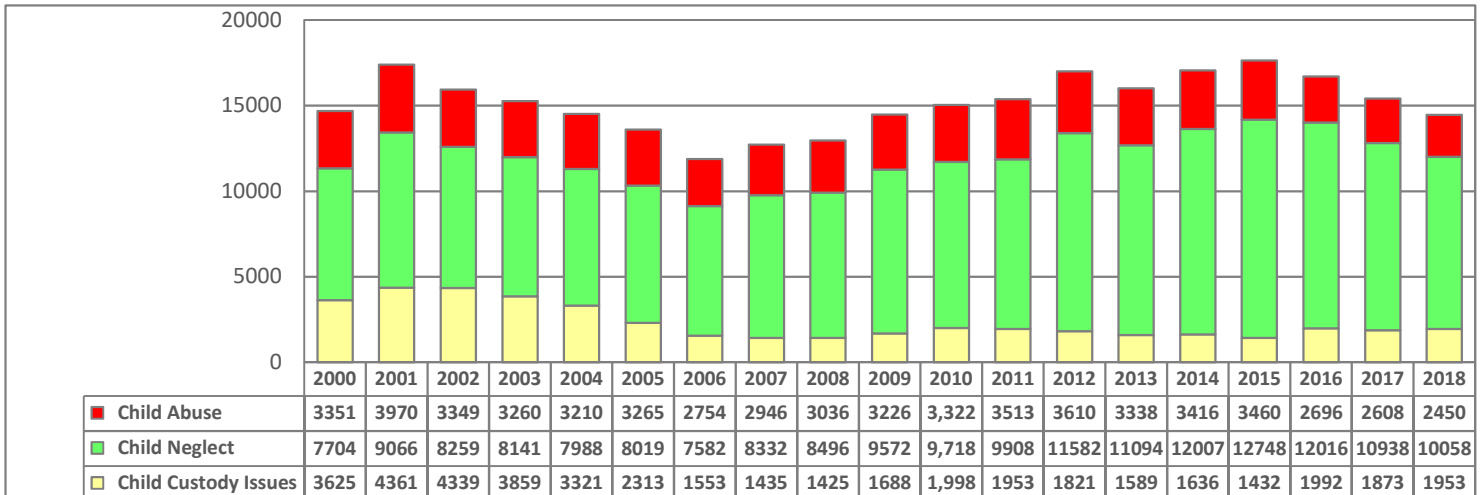


### Juvenile Status Offenses, by Year



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

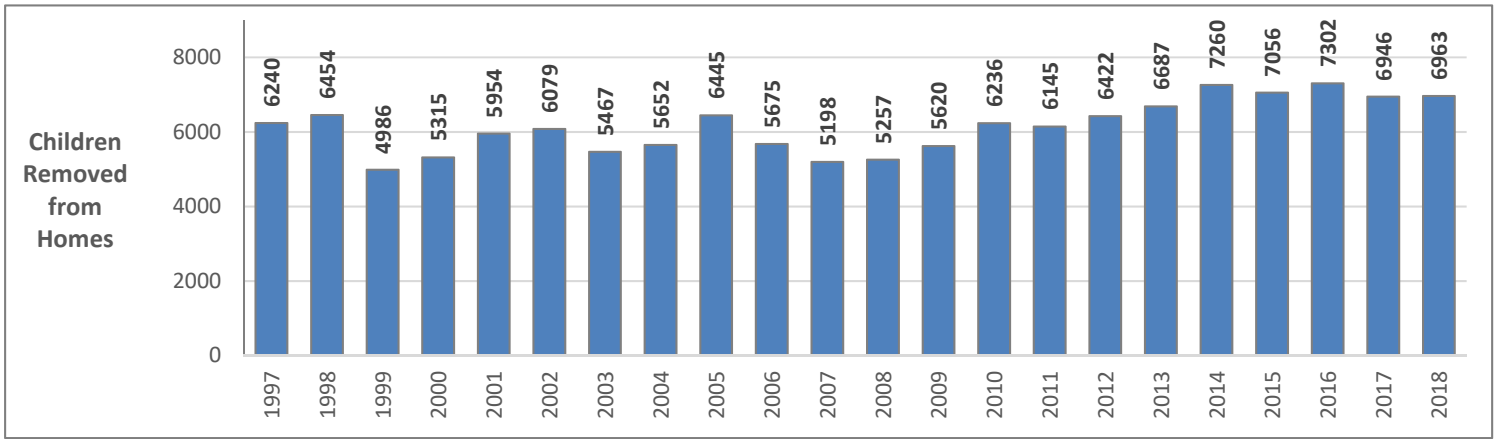
### Child Abuse and Neglect, by Year



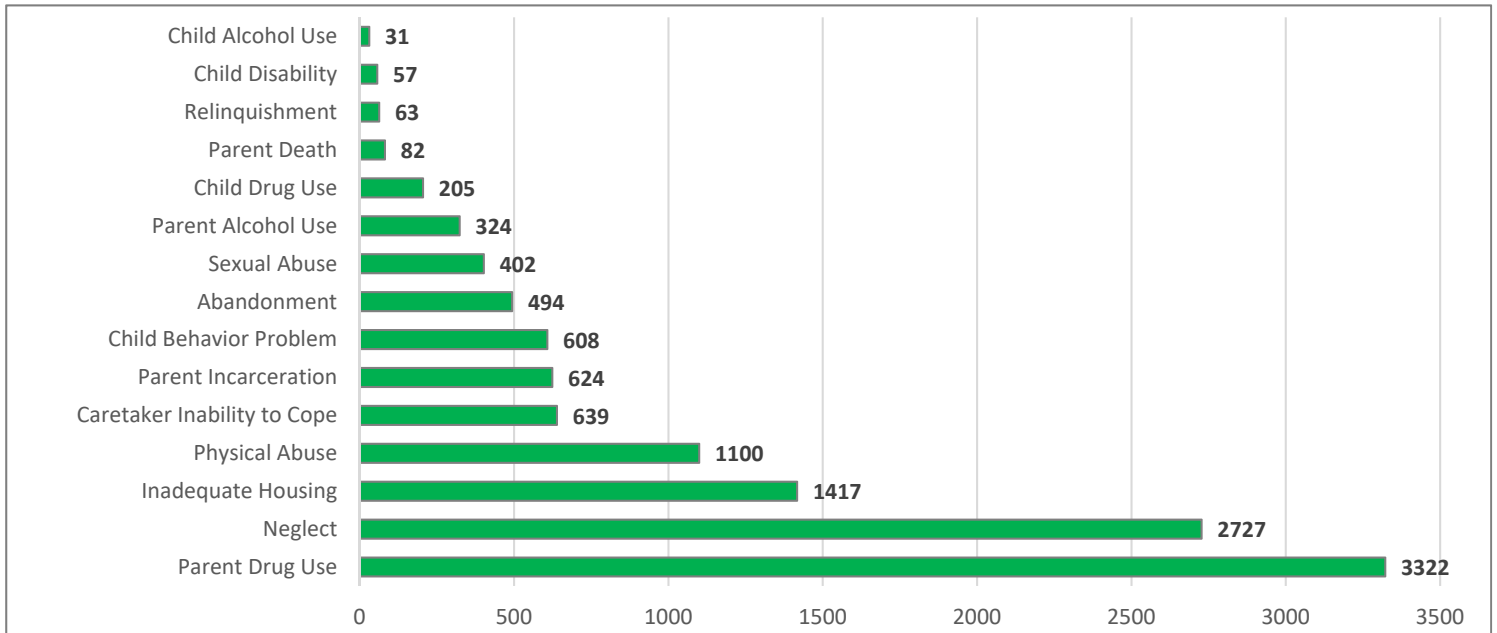
Data Sources: Missouri Office of State Courts Administrator (2009-2019); Missouri Department of Social Services (2000-2008).

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

## Out-of-Home Placements of Children Removed from their Homes, by Year

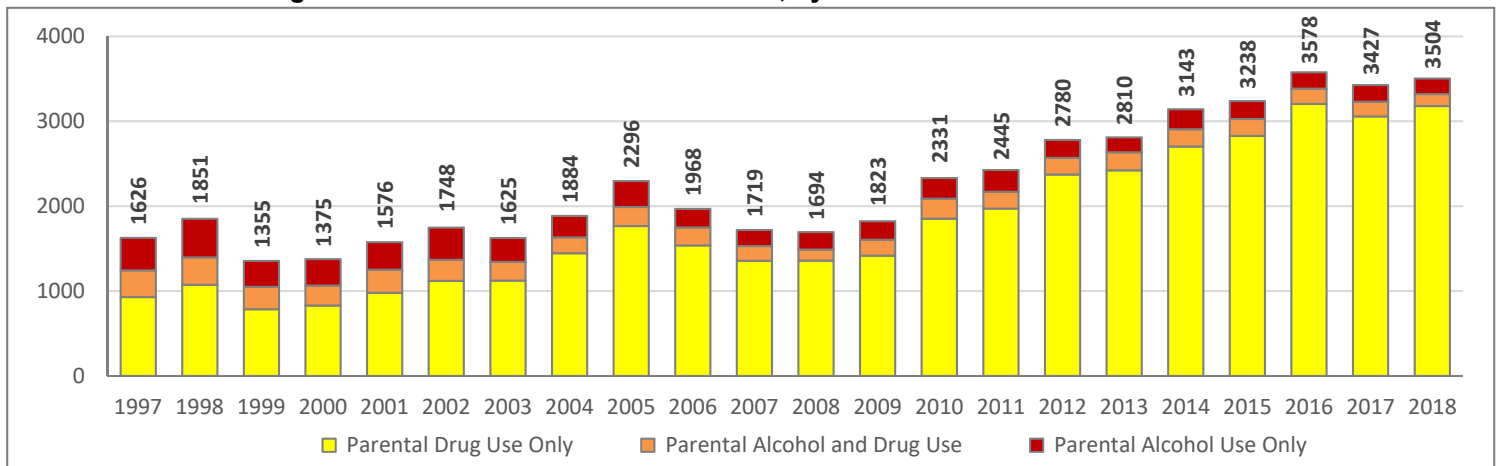


## Total Conditions Present at Removals, Calendar Year 2018



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

## Parental Alcohol and Drug Use Conditions Present at Removals, by Year

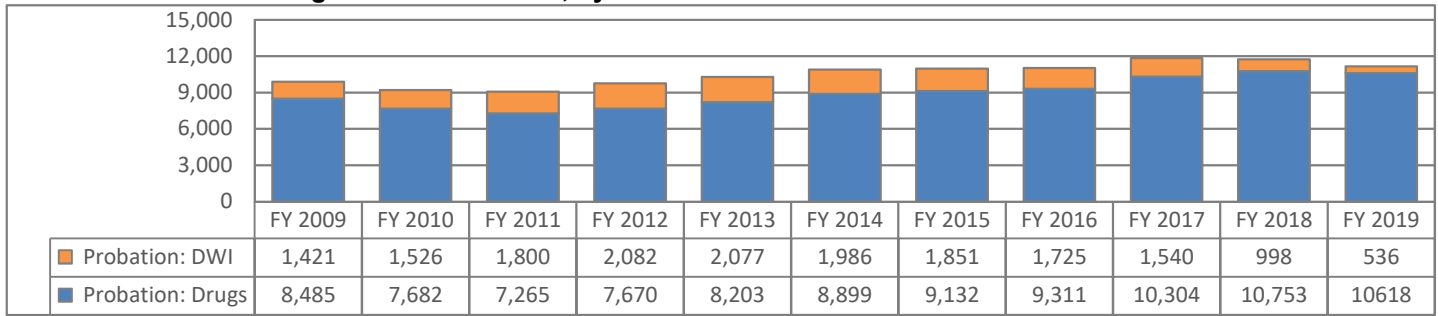


Parent Drug Use Only and Parent Alcohol Use Only: The conditions at removal do not indicate the presence of both drug use and alcohol use disorders. However, other conditions may also be present.

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

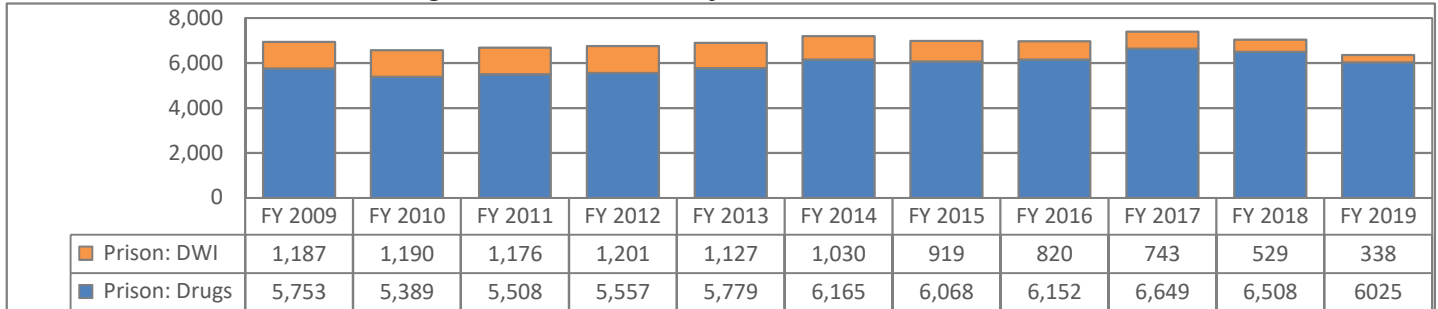
## CRIMINAL JUSTICE INTERVENTIONS FOR ALCOHOL AND DRUG OFFENSES

### Missouri Probation for Drug and DWI Offenses, by State Fiscal Year



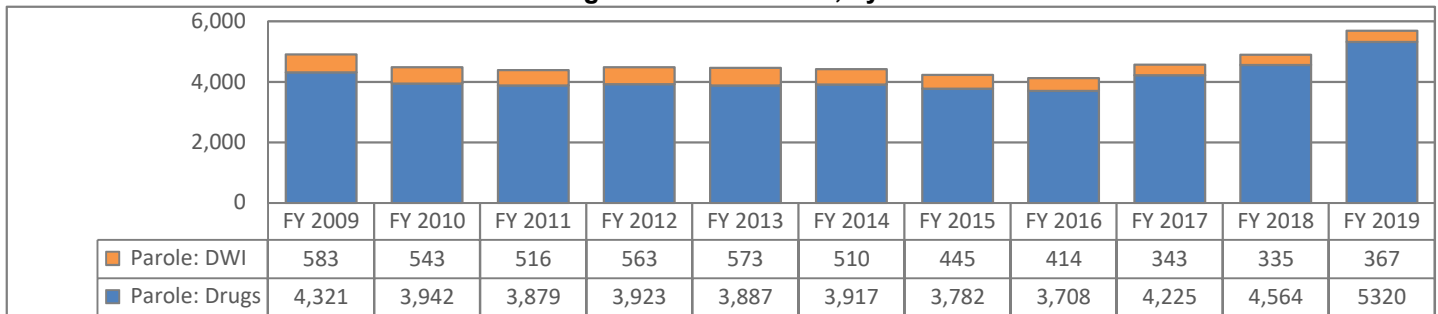
Data Source: Missouri Department of Corrections. Annual data tabulation.

### Missouri Prison Admissions for Drug and DWI Offenses, by State Fiscal Year



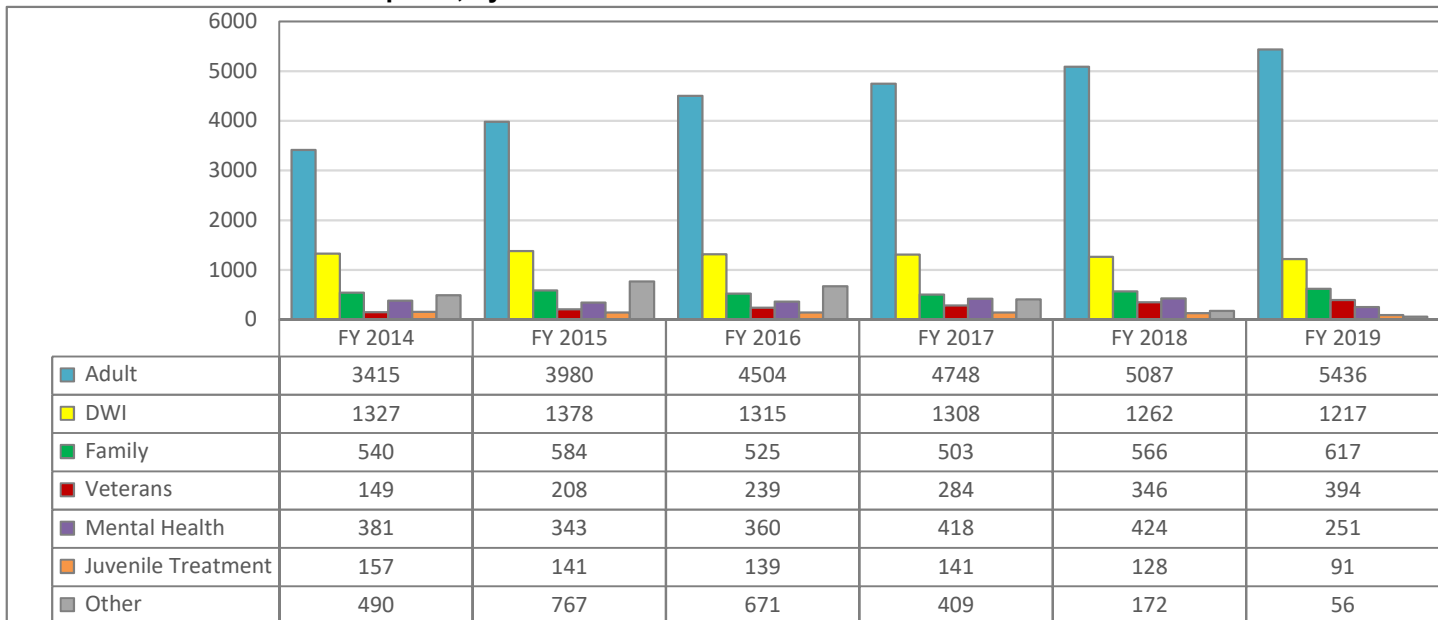
Data Source: Missouri Department of Corrections. Annual data tabulation.

### Missouri Parole and Conditional Release for Drug and DWI Offenses, by State Fiscal Year



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

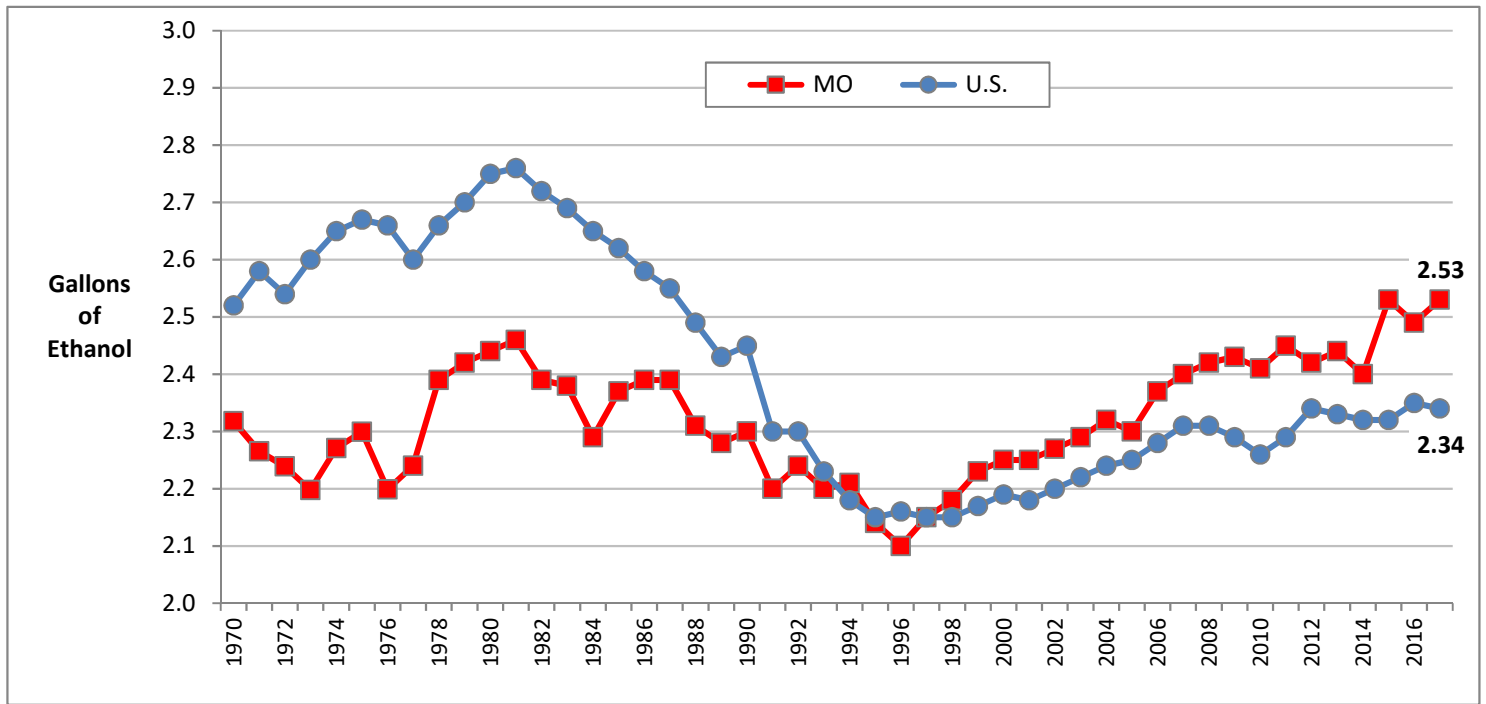
### Missouri Treatment Court Participants, by State Fiscal Year



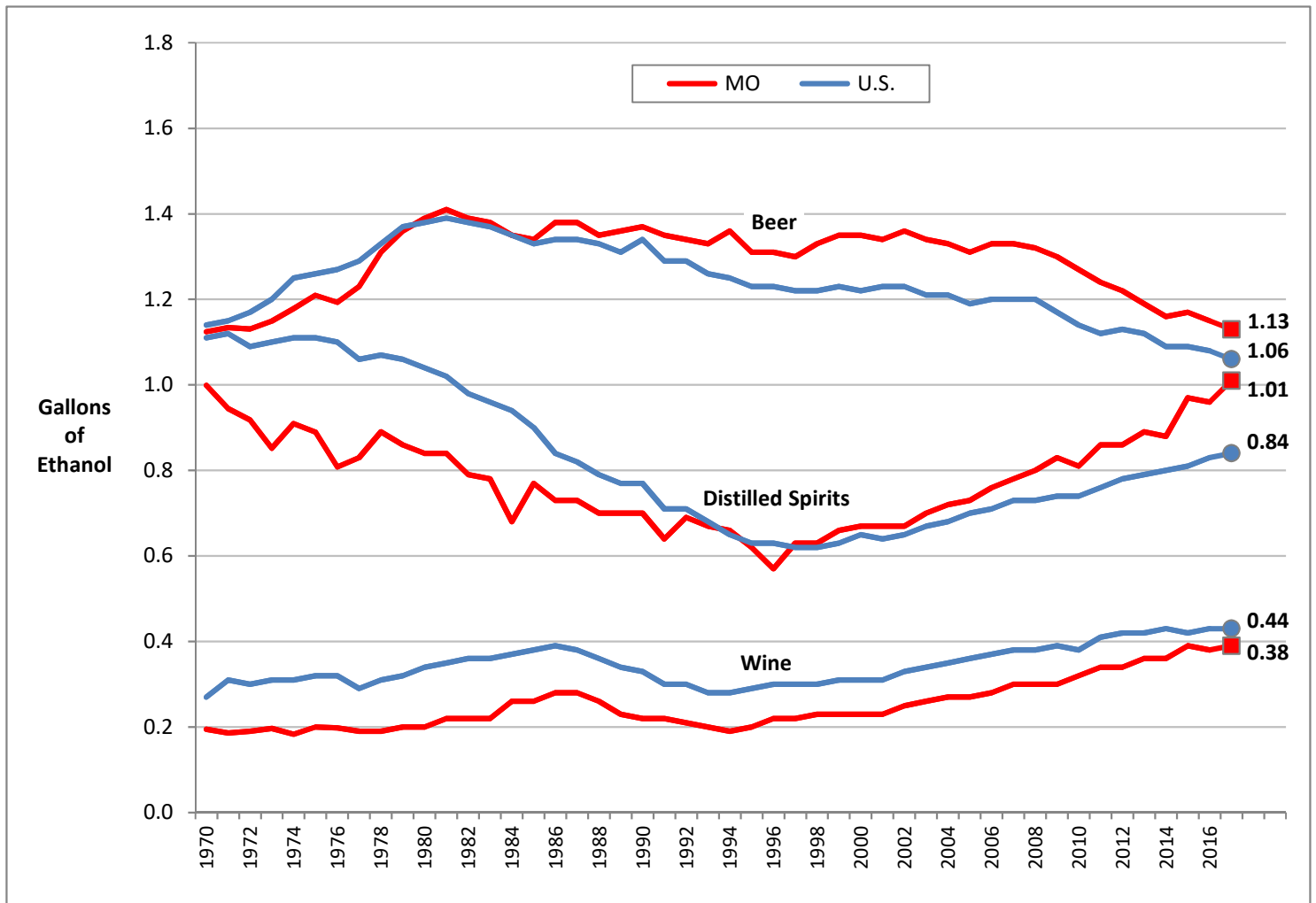
Data Source: Missouri Office of State Courts Administrator. Annual data tabulation.

## ALCOHOL CONSUMPTION

Per Capita Consumption of Ethanol in All Beverage Alcohol: United States and Missouri, Ages 14 and Older, by Year



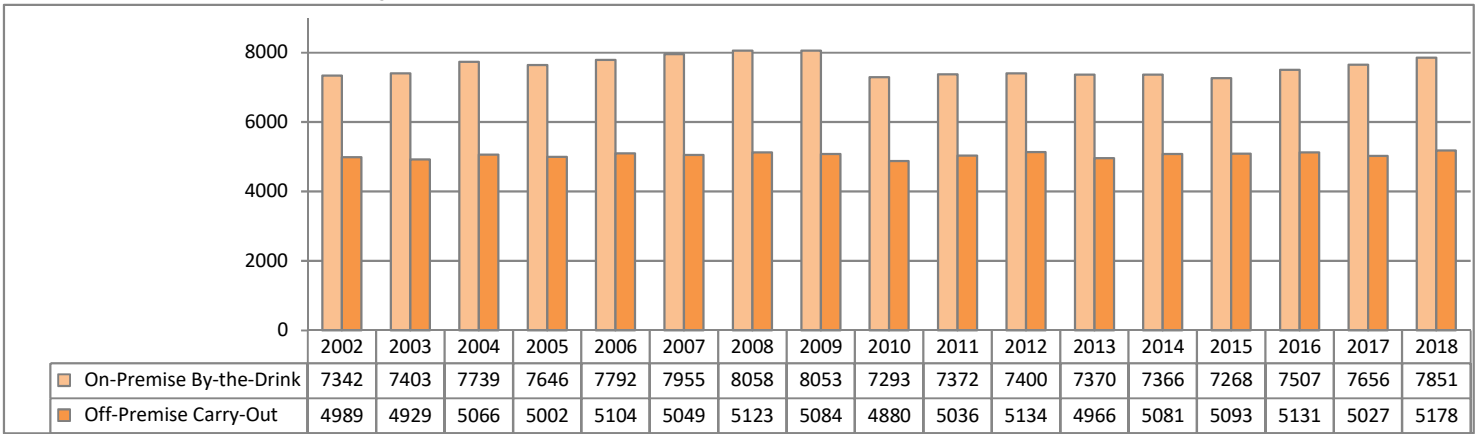
Per Capita Consumption of Ethanol by Type of Beverage: United States and Missouri, Ages 14 and Older, by Year



Data Source: U.S. Dept. of Health and Human Services, NIAAA (2019). Surveillance Report #113: Apparent Per Capita Alcohol Consumption: National, State, and Regional Trends, 1977-2017. Data revised from previous reports.

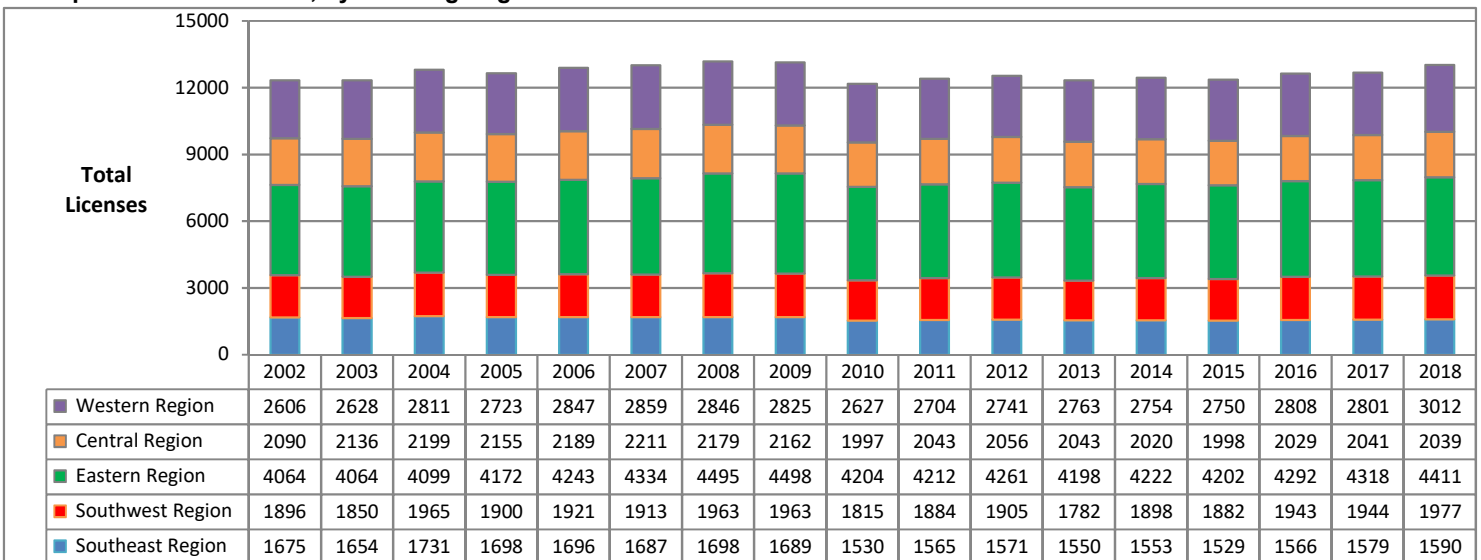
# MISSOURI LIQUOR LICENSES

## Retail Liquor Licenses Issued, by Year



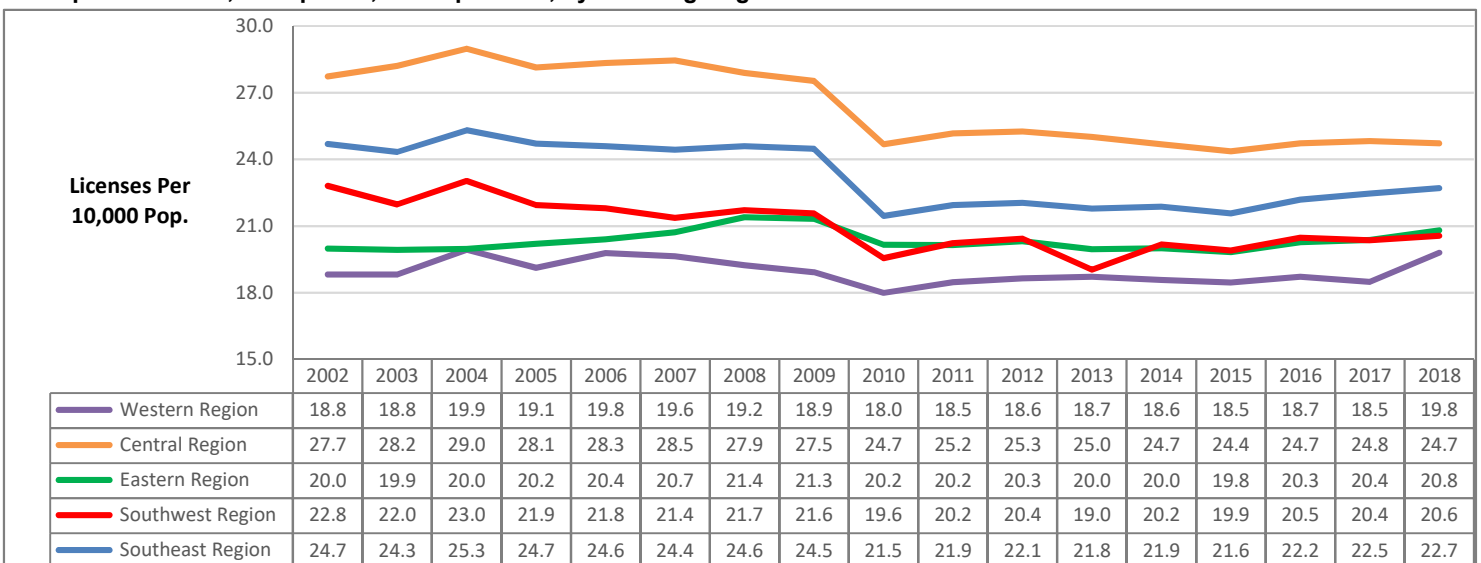
Data Source: Missouri Department of Public Safety, Division of Alcohol and Tobacco Control.

## Retail Liquor Licenses Issued, by Planning 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 Planning Region and Year



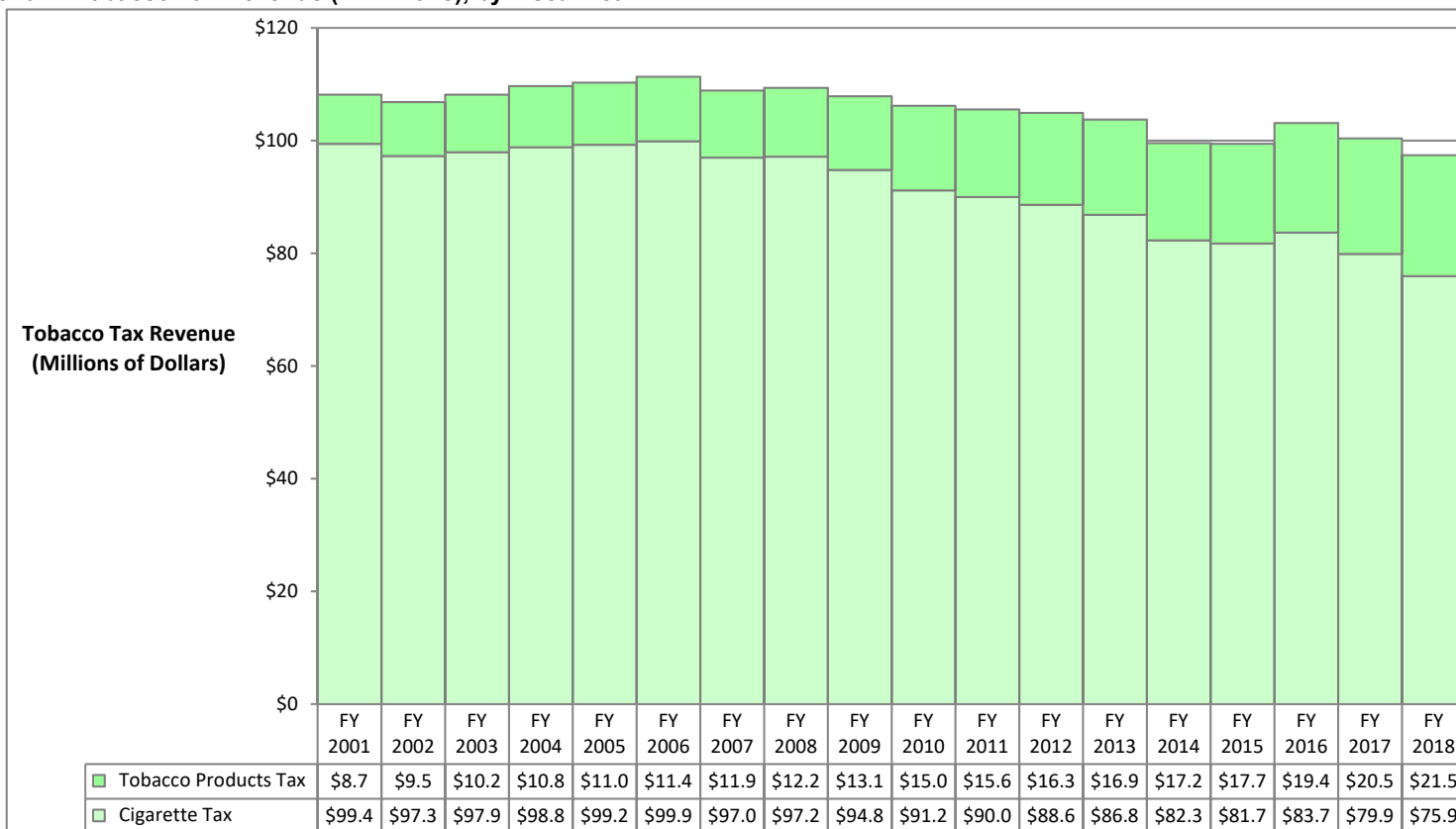
Data Source: Missouri Department of Public Safety, Division of Alcohol and Tobacco Control.

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



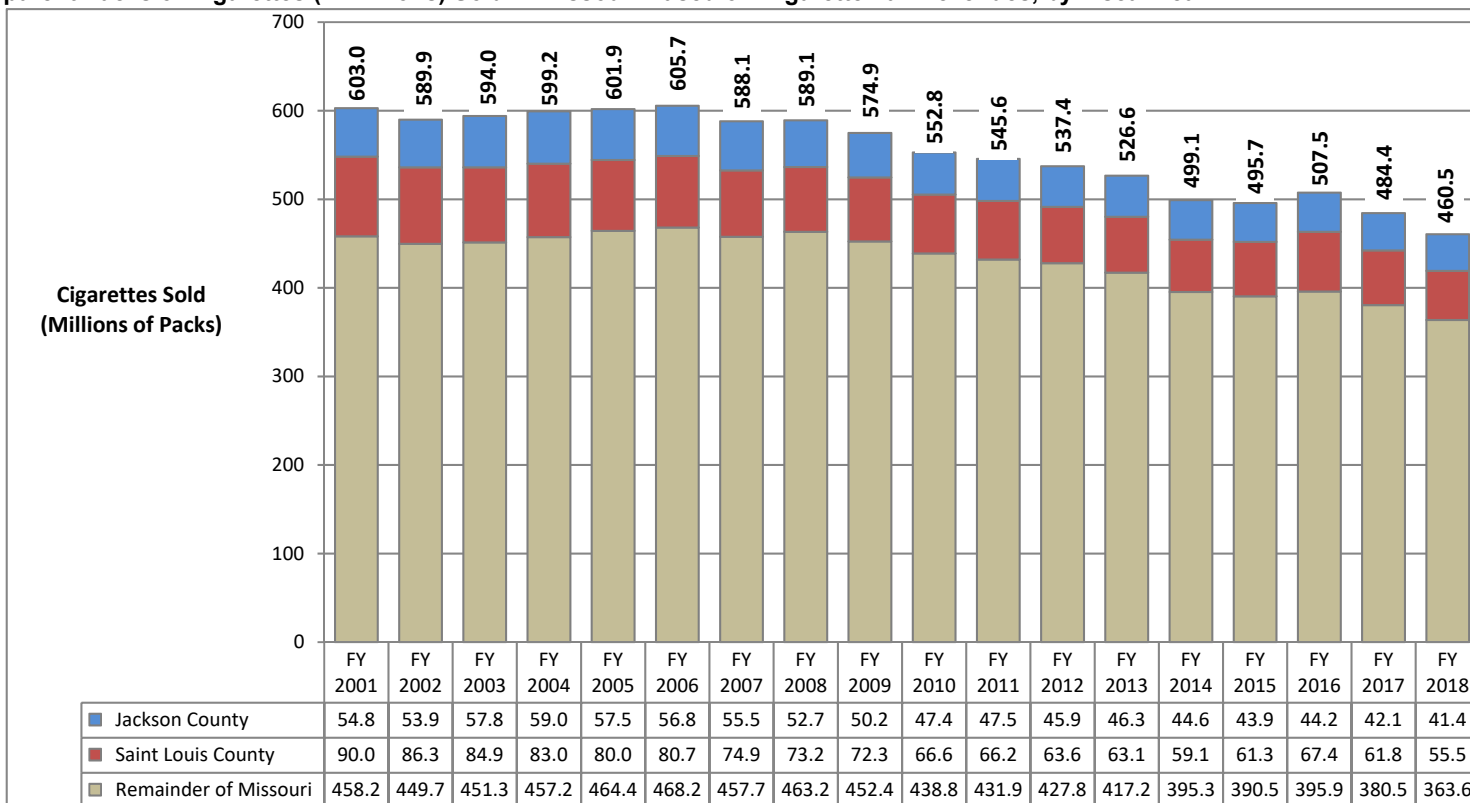
# MISSOURI TOBACCO SALES

**Trend in Tobacco Tax Revenue (in Millions), by Fiscal Year**



Data Source: Missouri Department of Revenue. Annual report: "Taxes Administered"

**Apparent Packs of Cigarettes (in Millions) Sold in Missouri Based on Cigarette Tax Revenues, by Fiscal Year**



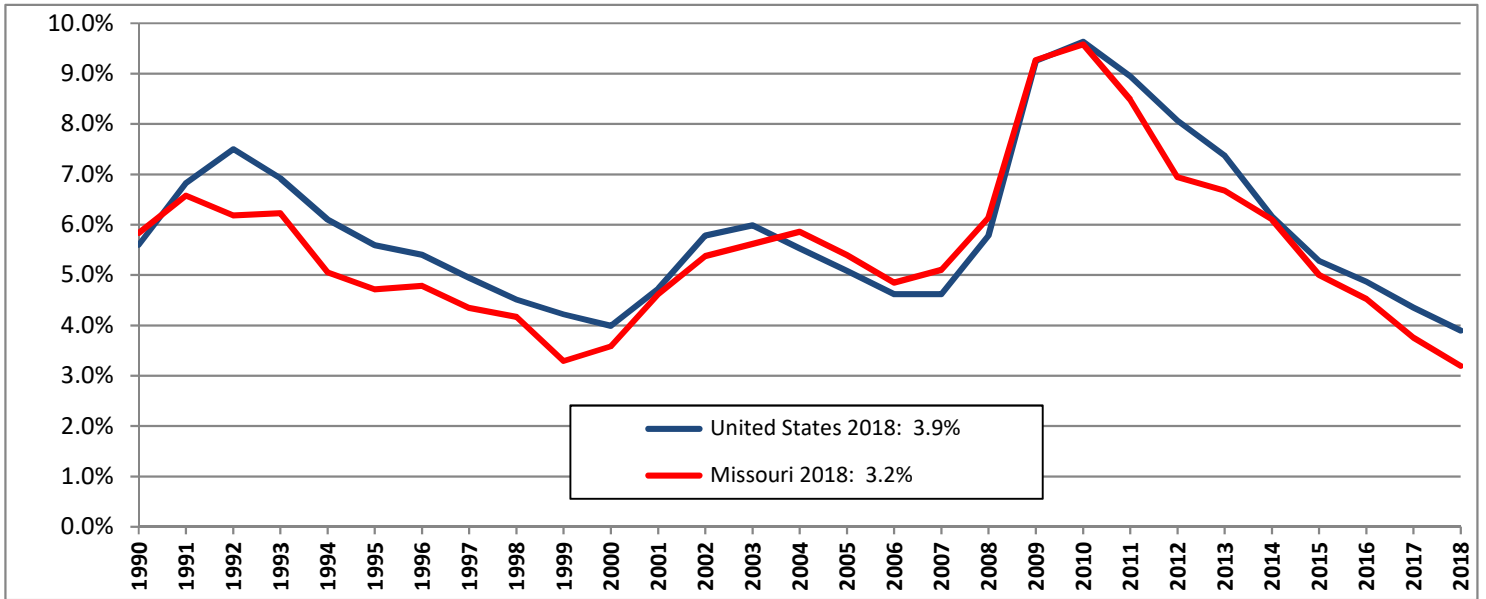
Data Source: Missouri Department of Revenue. Derived from data in "Taxes Administered" annual fiscal report.

Total cigarette sales estimates are based on the cigarette tax portion of tobacco tax receipts.

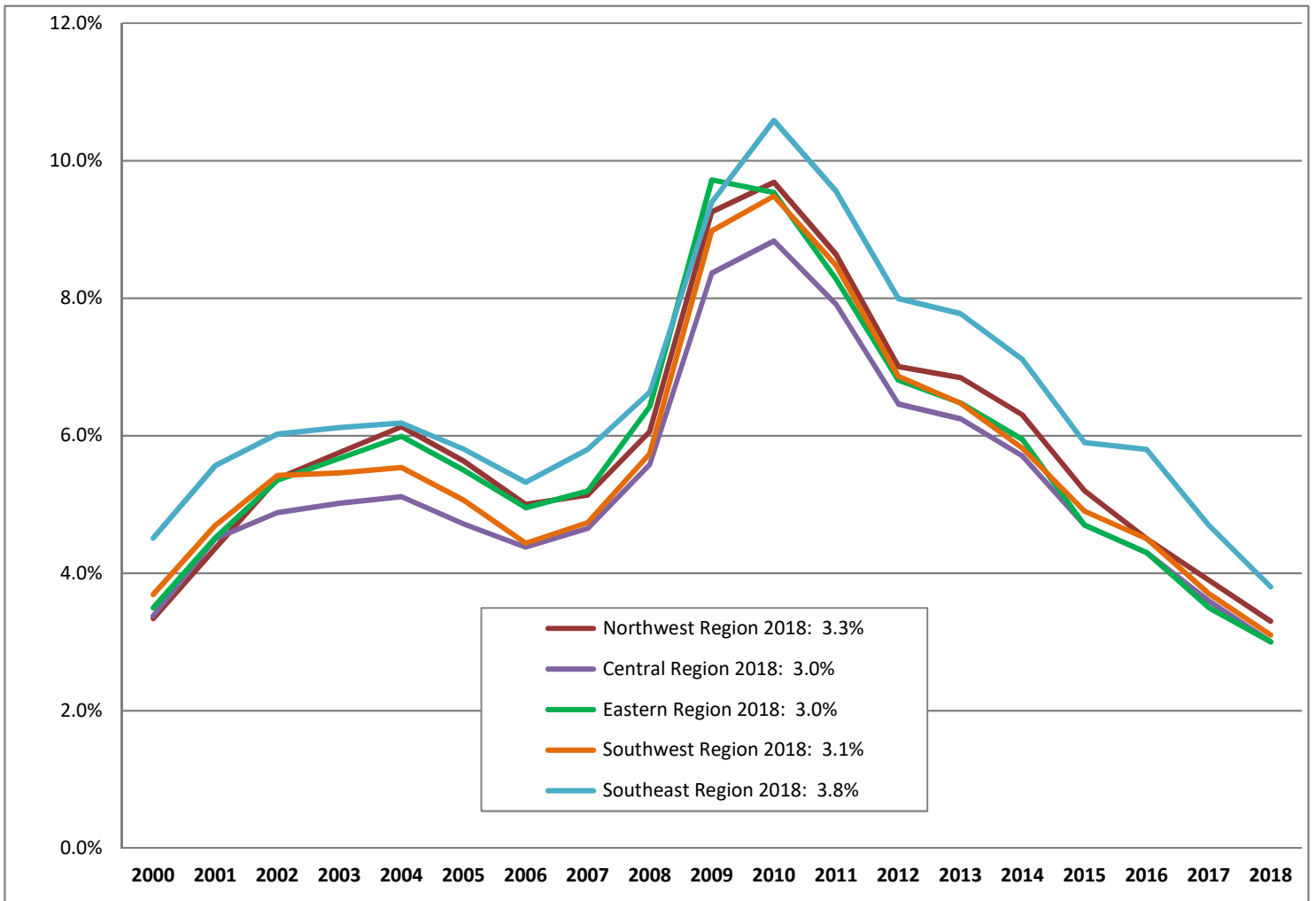
Breakouts for Jackson County and St. Louis County are based on supplemental county cigarette tax receipts.

# MISSOURI UNEMPLOYMENT

**Unemployment Rates in the United States and Missouri: Annual Averages, by Year**



**Unemployment Rates in Missouri Planning Regions: Annual Averages, 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.