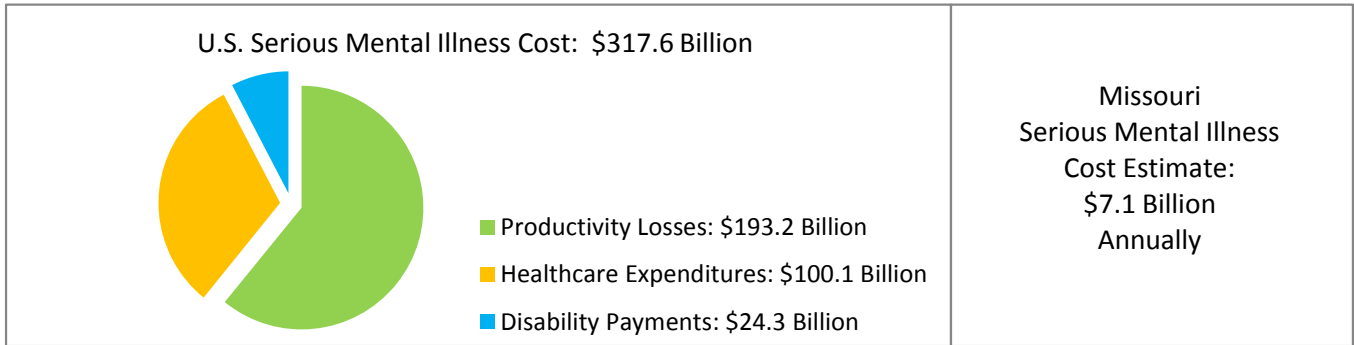


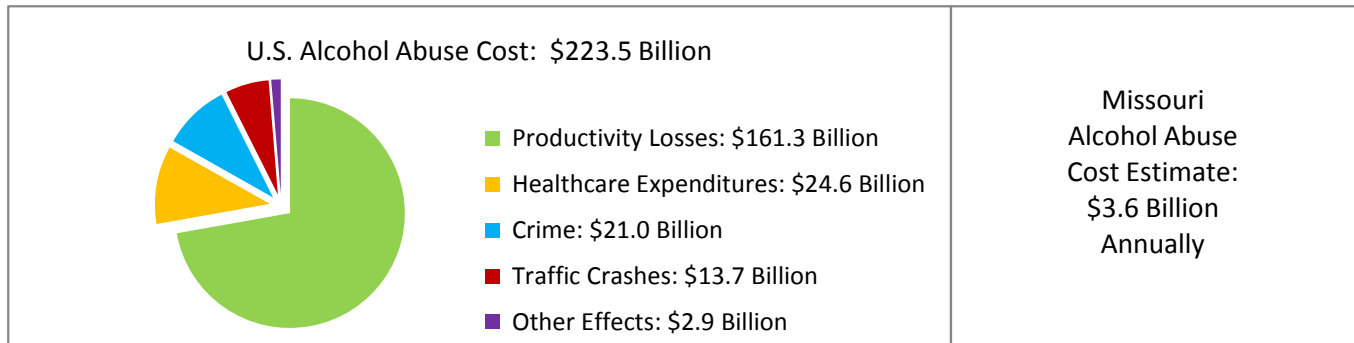
# ECONOMIC COSTS OF MENTAL ILLNESS AND SUBSTANCE ABUSE IN THE UNITED STATES AND MISSOURI

## Estimated Annual Economic Cost of Serious Mental Illness in the United States and Missouri



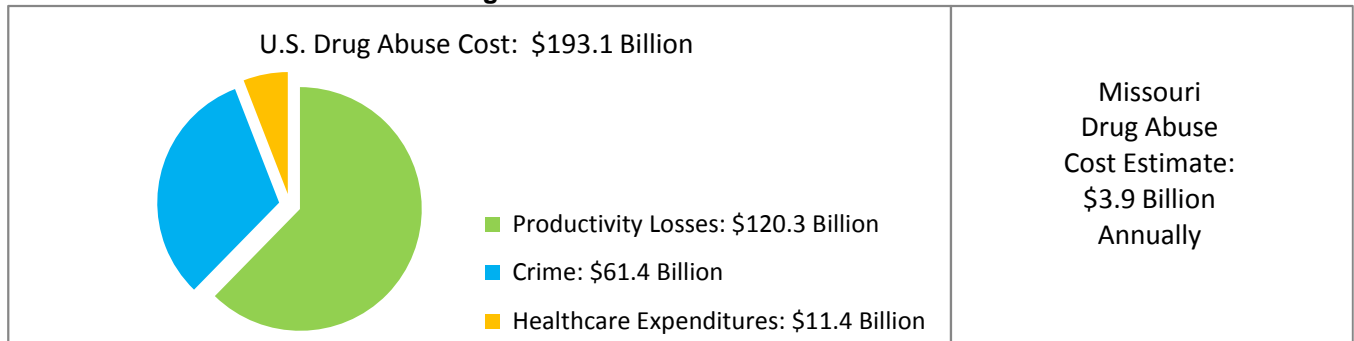
Data Source: U.S. Department of Health and Human Services, National Institute of Mental Health. "Annual Total Direct and Indirect Costs of Serious Mental Illness, 2002". Missouri estimates are derived from the nationwide estimates based on U.S. and Missouri data from the 2010-2011 National Survey on Drug Use and Health.

## Estimated Annual Economic Cost of Alcohol Abuse in the United States and Missouri



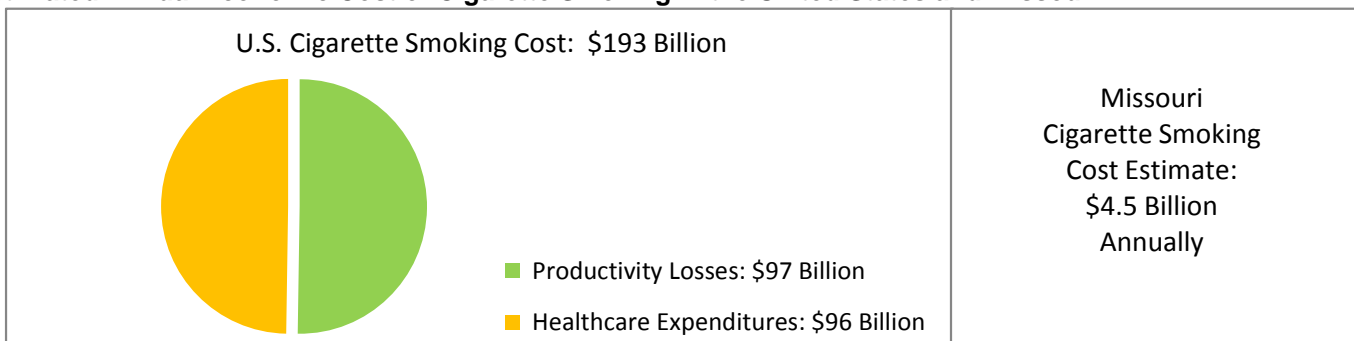
Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. "Economic Costs of Excessive Alcohol Consumption in the U.S., 2006." *American Journal of Preventive Medicine* 41(5):516-524. November 2011. Missouri estimates are derived from the nationwide estimates based on U.S. and Missouri data from the 2010-2011 National Survey on Drug Use and Health.

## Estimated Annual Economic Cost of Drug Abuse in the United States and Missouri



Data Source: U.S. Department of Justice, National Drug Intelligence Center. *The Economic Impact of Illicit Drug Use on American Society*. April 2011. Missouri cost estimates are derived from the nationwide estimates based on U.S. and Missouri data from the 2010-2011 National Survey on Drug Use and Health.

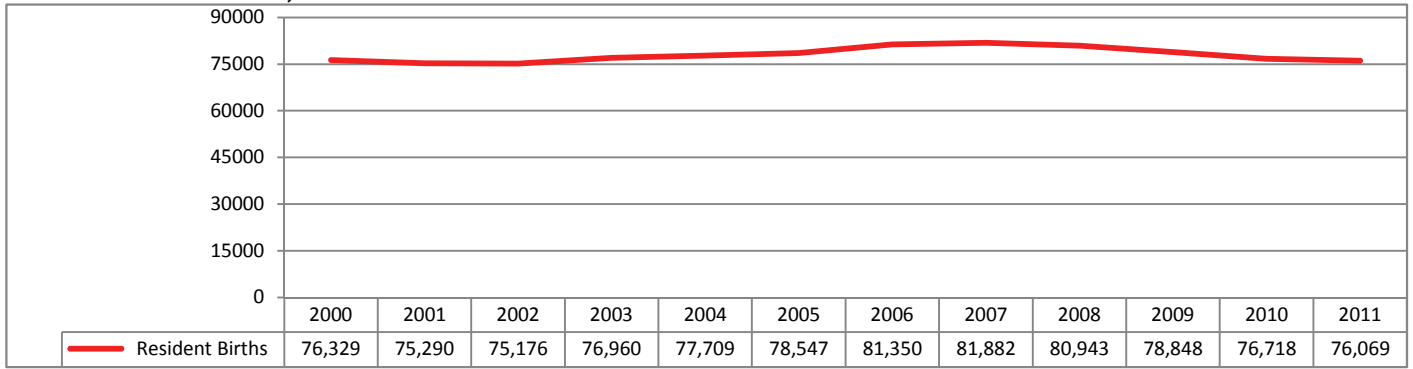
## Estimated Annual Economic Cost of Cigarette Smoking in the United States and Missouri



Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. *Mortality and Morbidity Weekly Report* 57 (45):1226-1228, November 14, 2008. Missouri cost estimates are derived from the nationwide estimates based on U.S. and Missouri data from the 2010-2011 National Survey on Drug Use and Health.

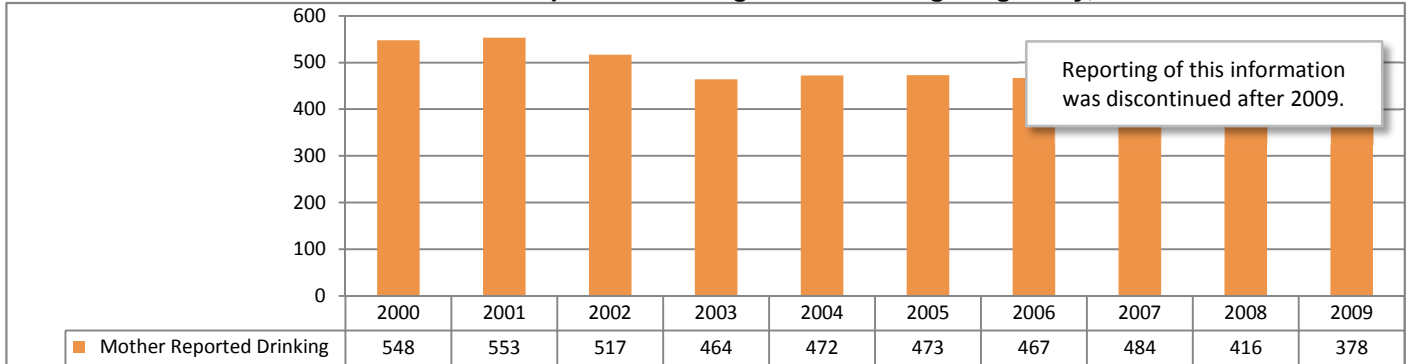
## MISSOURI BIRTHS AND FETAL EXPOSURE TO SUBSTANCE ABUSE

### Missouri Resident Births, 2000-2011



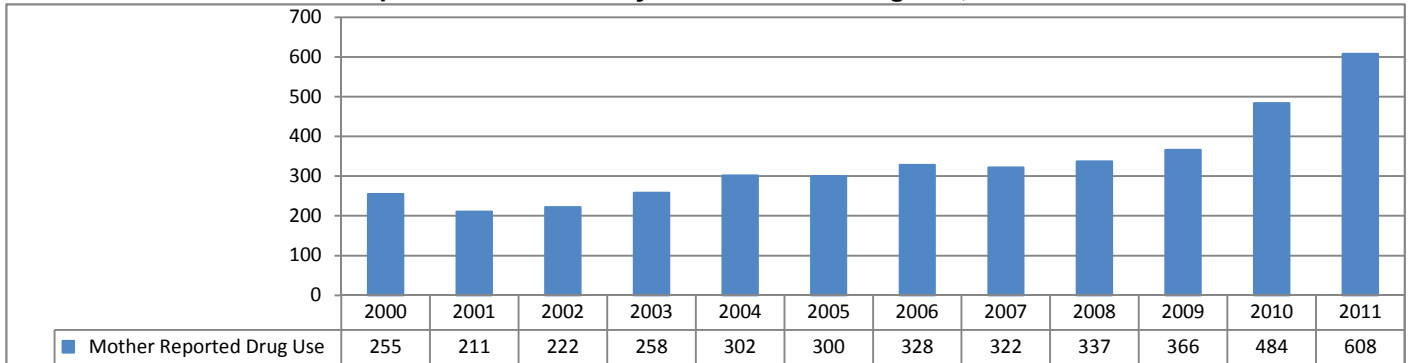
Data Source: Missouri Department of Health and Senior Services.

### Missouri Resident Births for which Mother Reported Drinking Alcohol During Pregnancy, 2000-2009



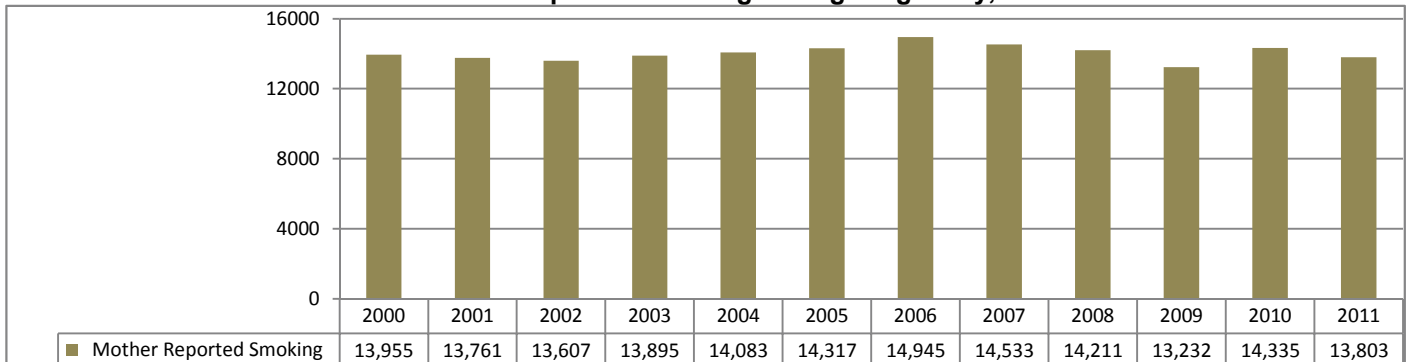
Data Source: Missouri Department of Health and Senior Services.

### Missouri Resident Newborns Reported as Affected by Mother's Illicit Drug Use, 2000-2011



Data Source: Missouri Department of Health and Senior Services.

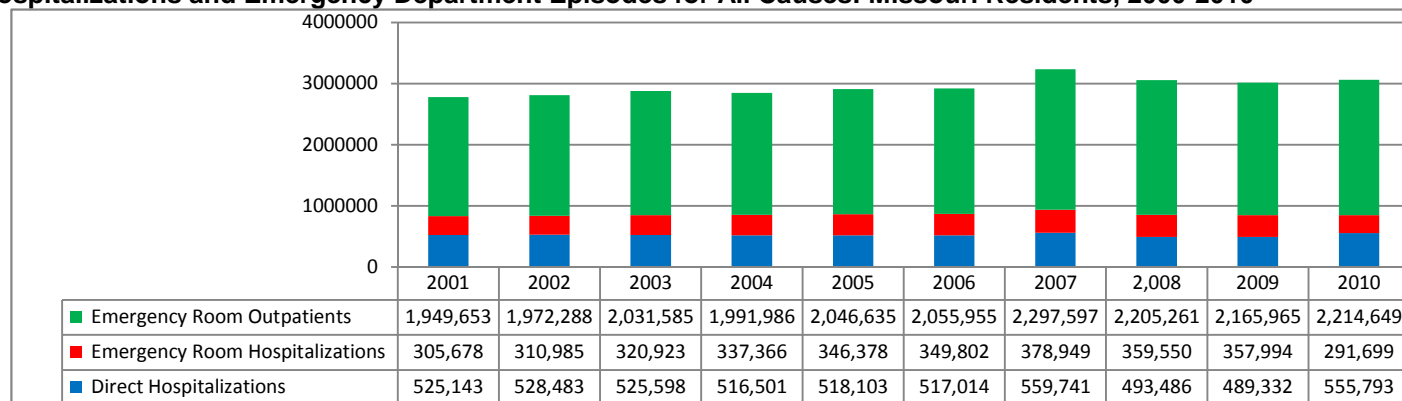
### Missouri Resident Births for which Mother Reported Smoking During Pregnancy, 2000-2011



Data Source: Missouri Department of Health and Senior Services.

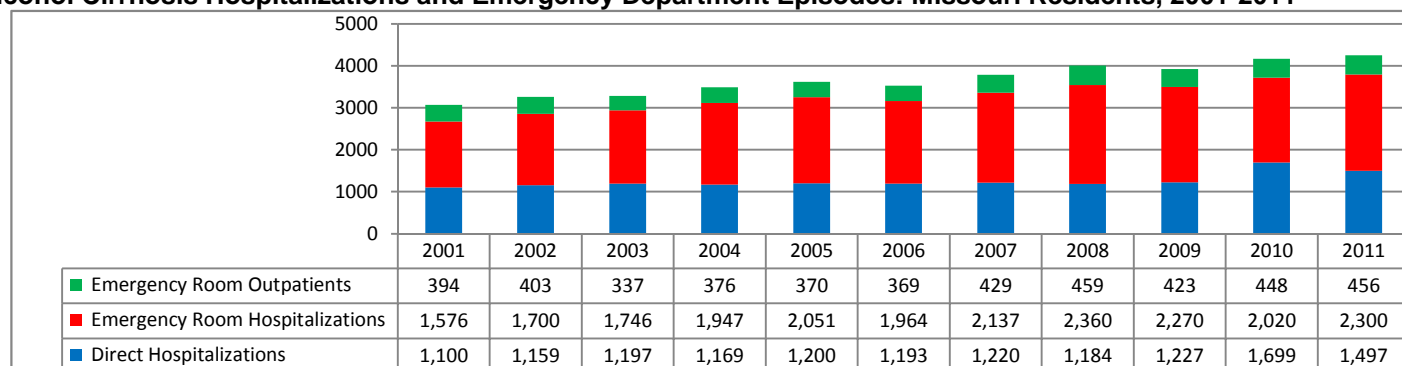
## MISSOURI HOSPITAL AND EMERGENCY DEPARTMENT EPISODES

### Hospitalizations and Emergency Department Episodes for All Causes: Missouri Residents, 2000-2010



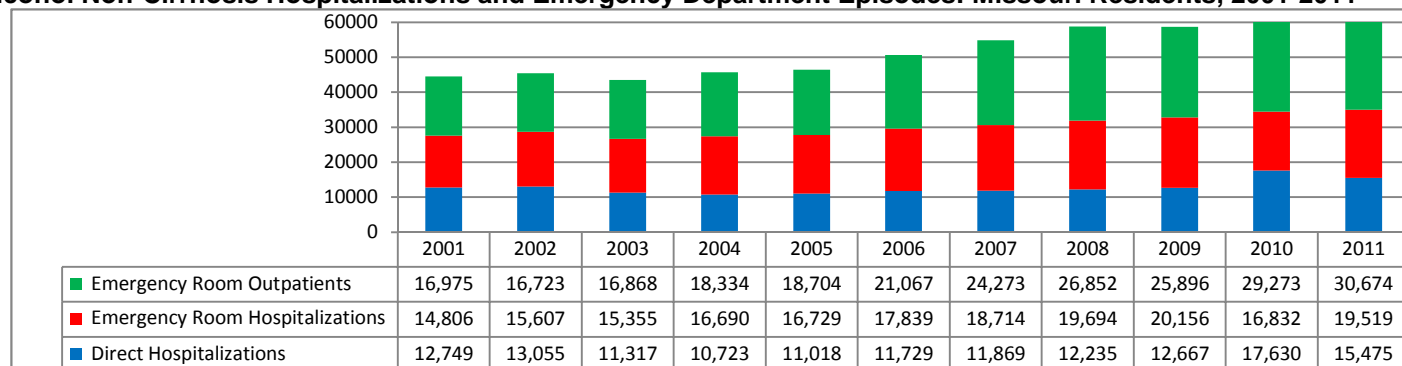
Data Source: Missouri Department of Health and Senior Services.

### Alcohol Cirrhosis Hospitalizations and Emergency Department Episodes: Missouri Residents, 2001-2011



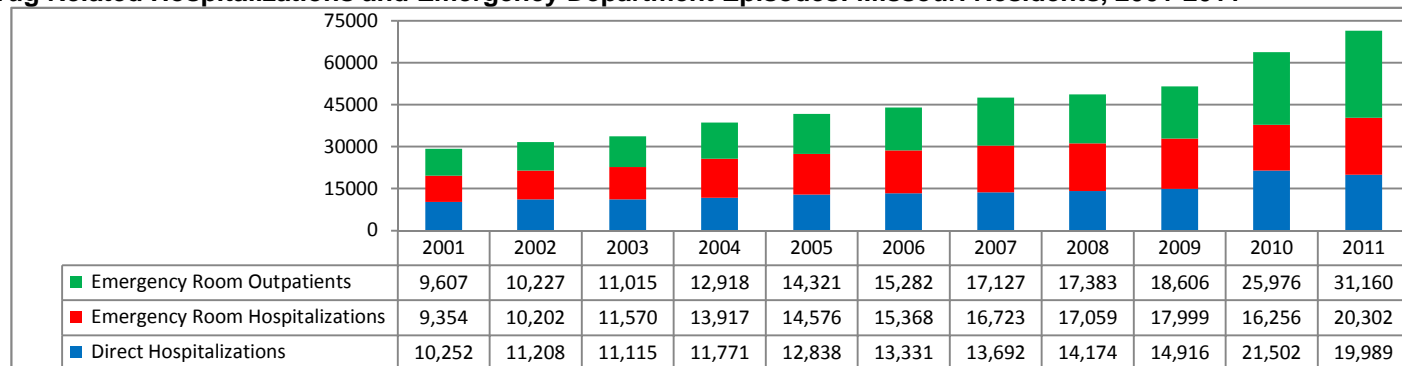
Data Source: Missouri Department of Health and Senior Services.

### Alcohol Non-Cirrhosis Hospitalizations and Emergency Department Episodes: Missouri Residents, 2001-2011



Data Source: Missouri Department of Health and Senior Services.

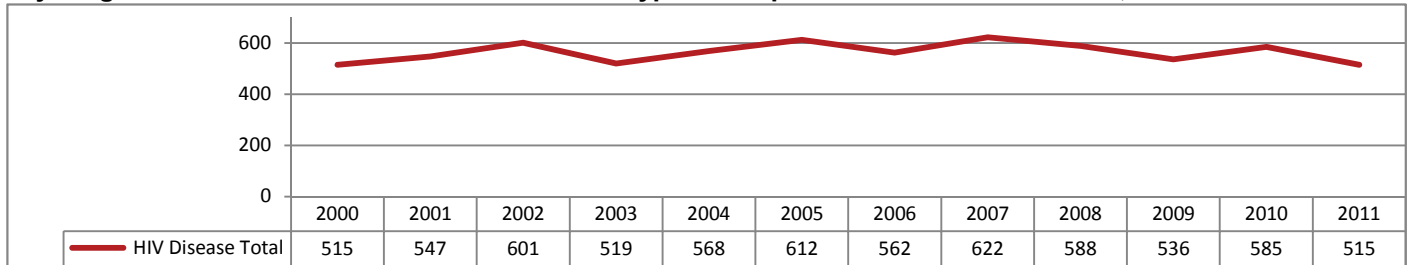
### Drug Related Hospitalizations and Emergency Department Episodes: Missouri Residents, 2001-2011



Data Source: Missouri Department of Health and Senior Services.

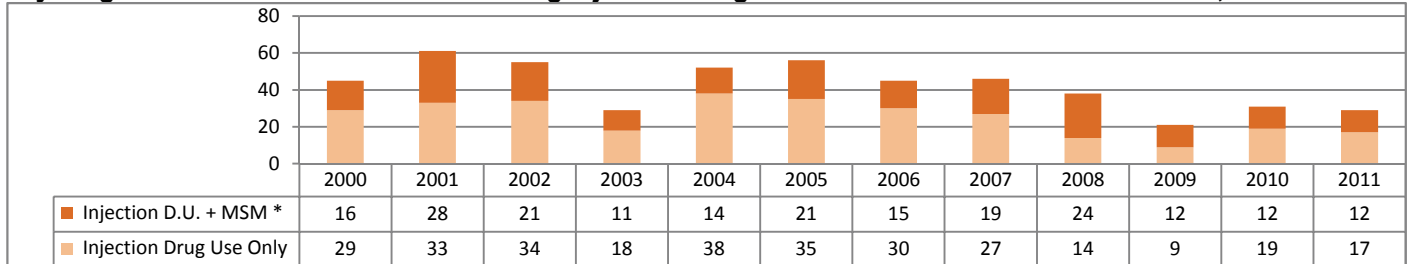
## MISSOURI DISEASES ASSOCIATED WITH SUBSTANCE ABUSE

### Newly Diagnosed HIV Disease Cases Related to All Types of Exposure: Missouri Residents, 2000-2011



Data Source: Missouri Department of Health and Senior Services, Bureau of HIV, STD, and Hepatitis.

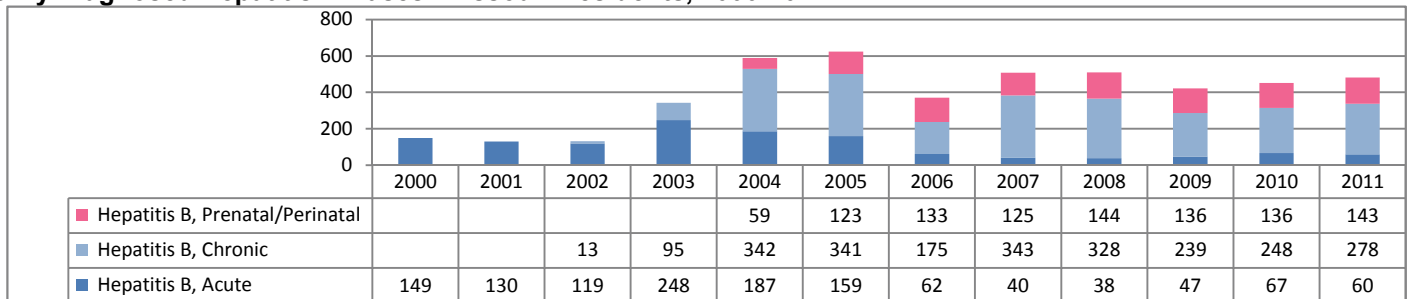
### Newly Diagnosed HIV Disease Cases Involving Injection Drug Use Risk Factor: Missouri Residents, 2000-2011



Data Source: Missouri Department of Health and Senior Services, Bureau of HIV, STD, and Hepatitis.

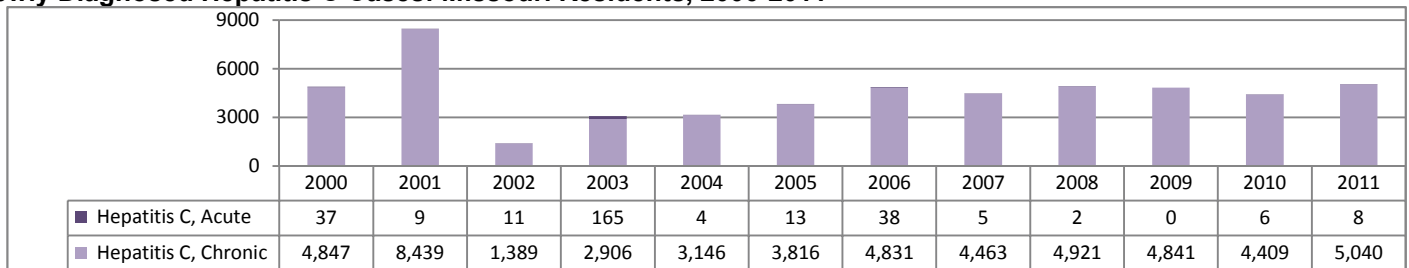
\* MSM denotes HIV risk factor for men who have sex with men.

### Newly Diagnosed Hepatitis B Cases: Missouri Residents, 2000-2011



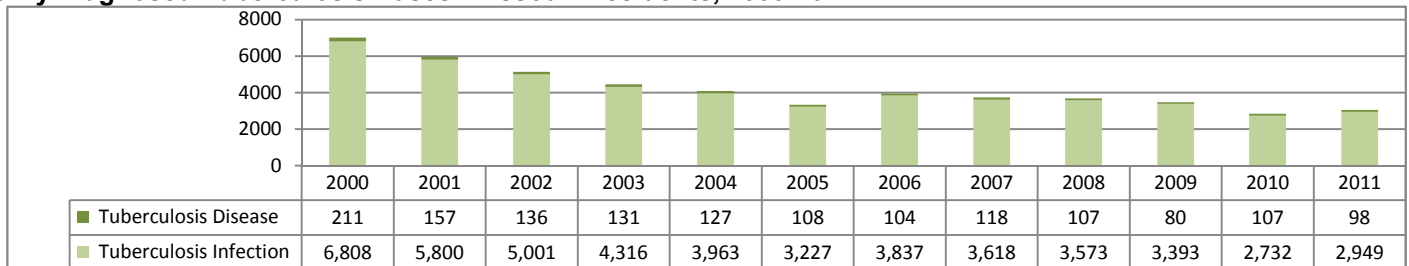
Data Source: Missouri Department of Health and Senior Services, Bureau of HIV, STD, and Hepatitis.

### Newly Diagnosed Hepatitis C Cases: Missouri Residents, 2000-2011



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

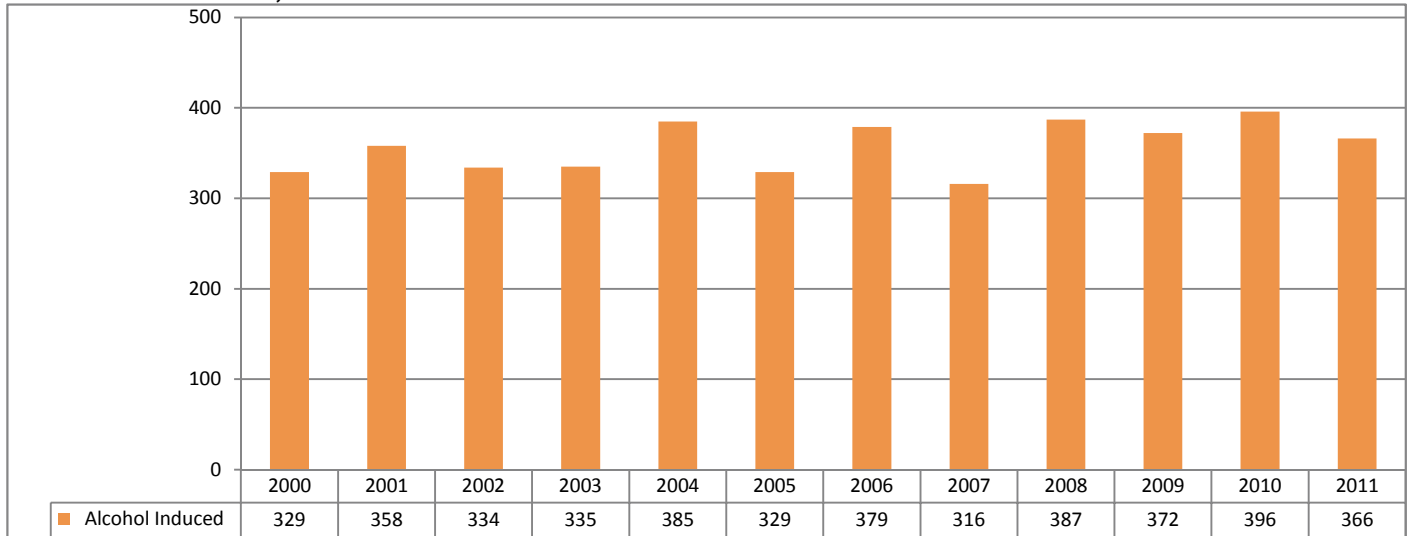
### Newly Diagnosed Tuberculosis Cases: Missouri Residents, 2000-2011



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

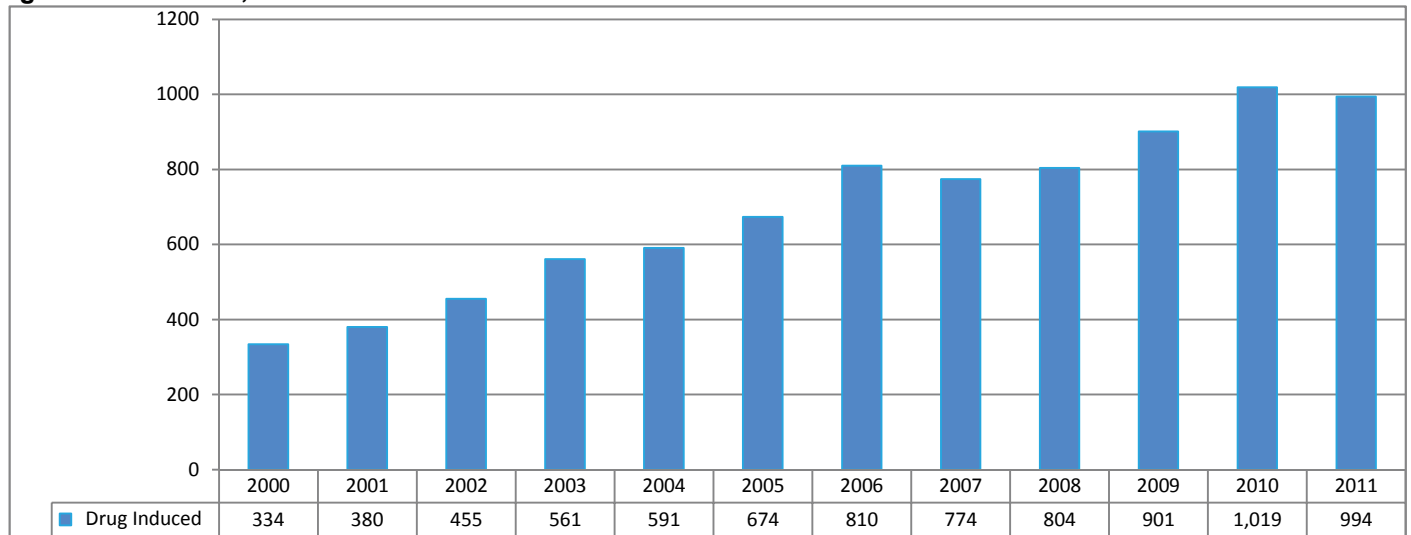
## MISSOURI ALCOHOL, DRUG, AND SMOKING INDUCED DEATHS

### Alcohol Induced Deaths, 2000-2011



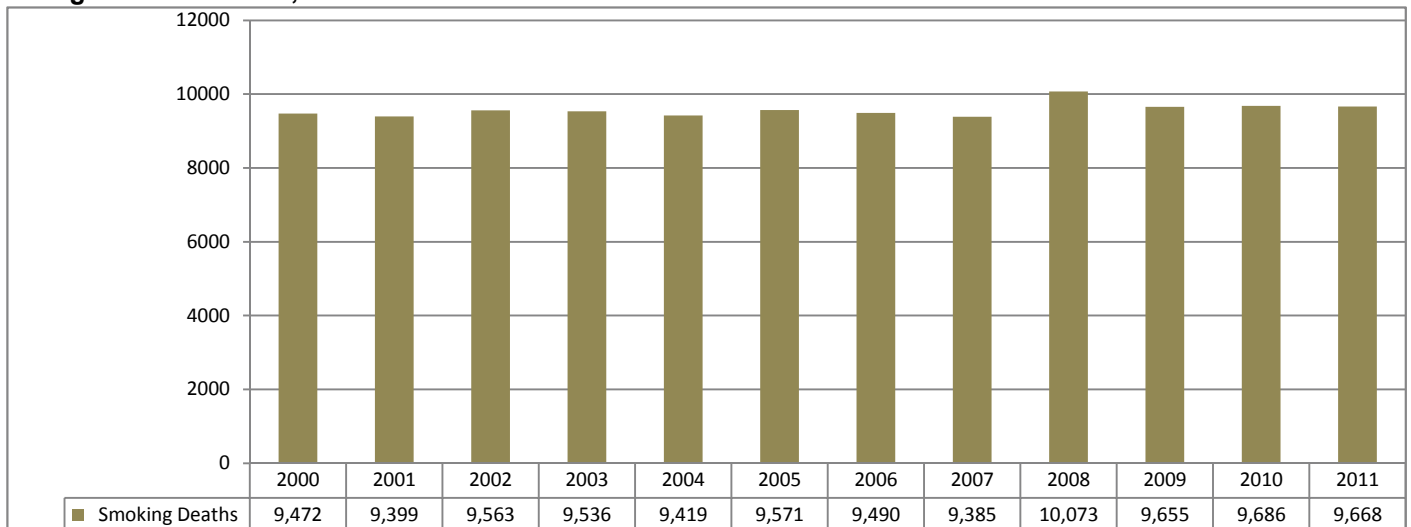
Data Source: Missouri Department of Health and Senior Services, Bureau of Health Informatics. All years updated using revised methodology.

### Drug Induced Deaths, 2000-2011



Data Source: Missouri Department of Health and Senior Services, Bureau of Health Informatics. All years updated using revised methodology.

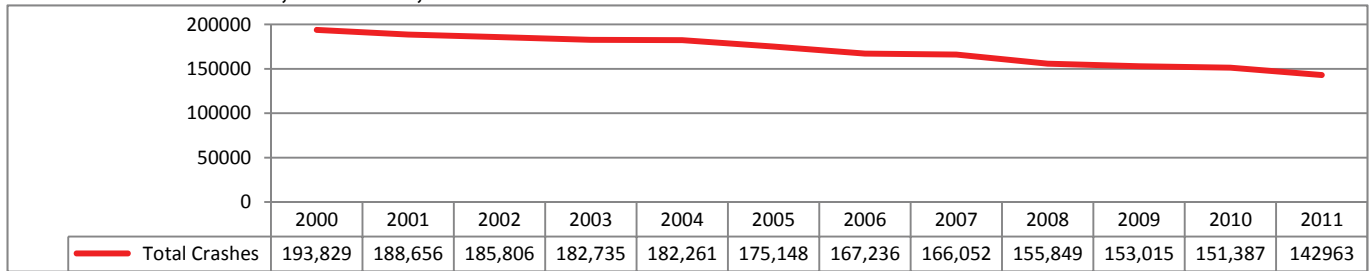
### Smoking Induced Deaths, 2000-2011



Data Source: Missouri Department of Health and Senior Services, Bureau of Health Informatics. All years updated using revised methodology.

## ALCOHOL INVOLVED TRAFFIC CRASHES

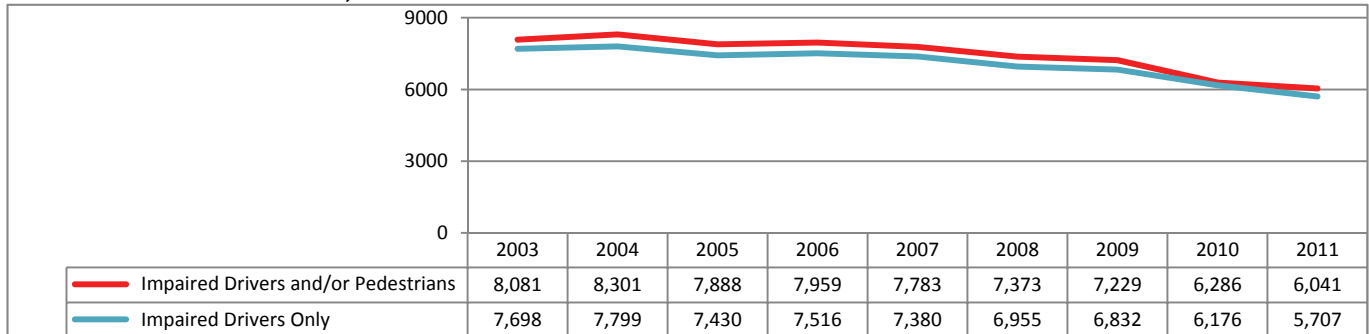
### Traffic Crashes in Missouri, All Causes, 2000-2011



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

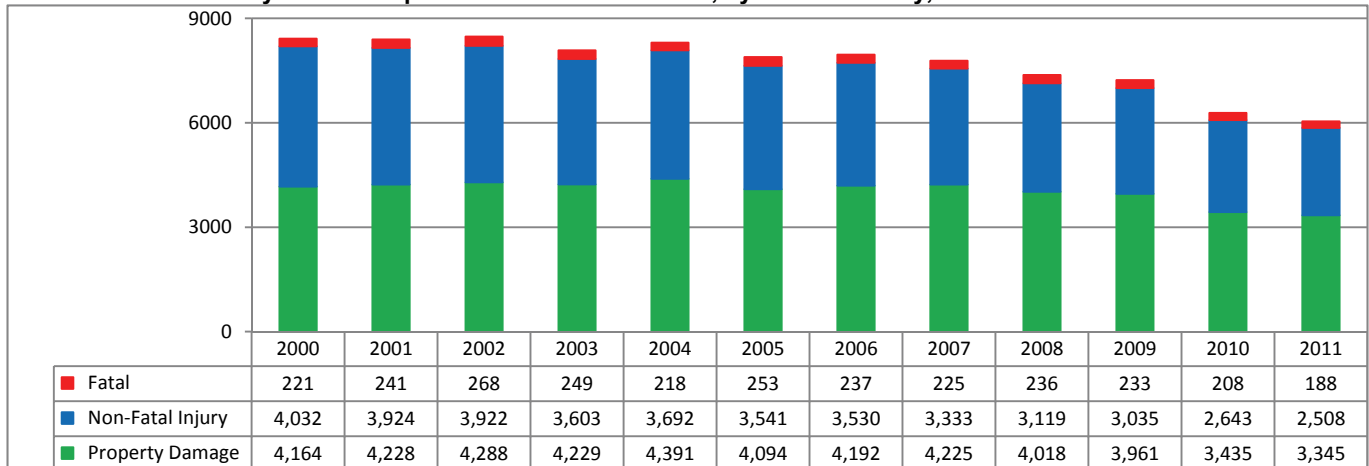
[http://www.mshp.dps.missouri.gov/MSHPWeb/SAC/data\\_and\\_statistics\\_crashes\\_severity.html](http://www.mshp.dps.missouri.gov/MSHPWeb/SAC/data_and_statistics_crashes_severity.html) and Annual Tabulation.

### Alcohol Involved Traffic Crashes, 2003-2011



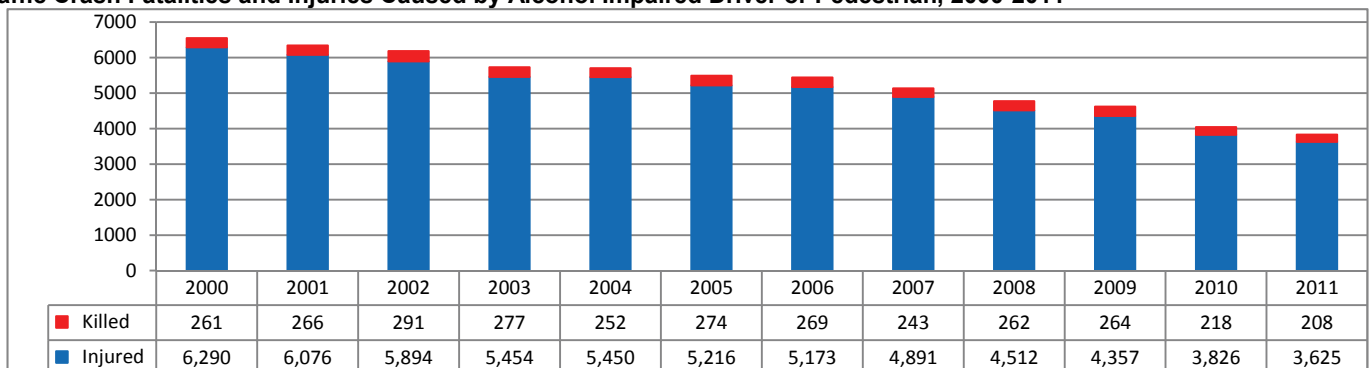
Data Source: Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center. Annual Tabulation.

### Traffic Crashes Caused by Alcohol Impaired Driver or Pedestrian, by Crash Severity, 2000-2011



Data Source: Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center. Annual Tabulation.

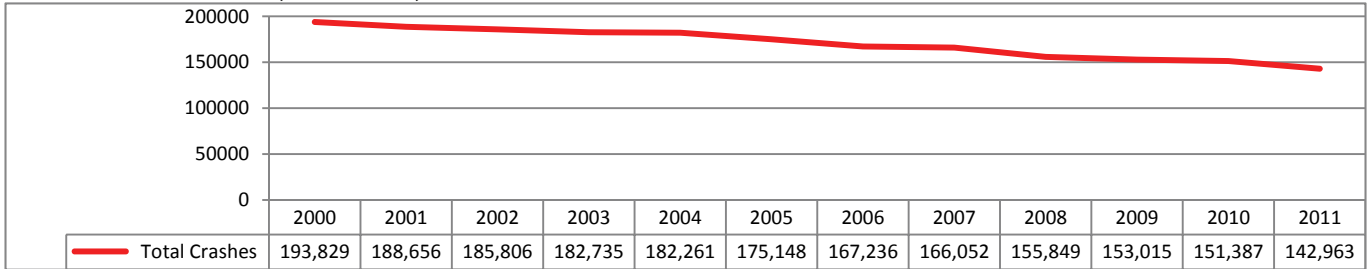
### Traffic Crash Fatalities and Injuries Caused by Alcohol Impaired Driver or Pedestrian, 2000-2011



Data Source: Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center. Annual Tabulation.

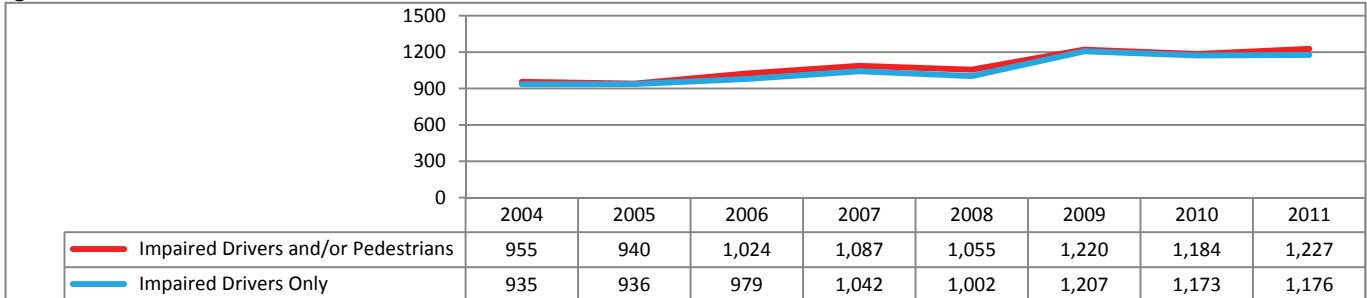
## DRUG INVOLVED TRAFFIC CRASHES

### Traffic Crashes in Missouri, All Causes, 2000-2011



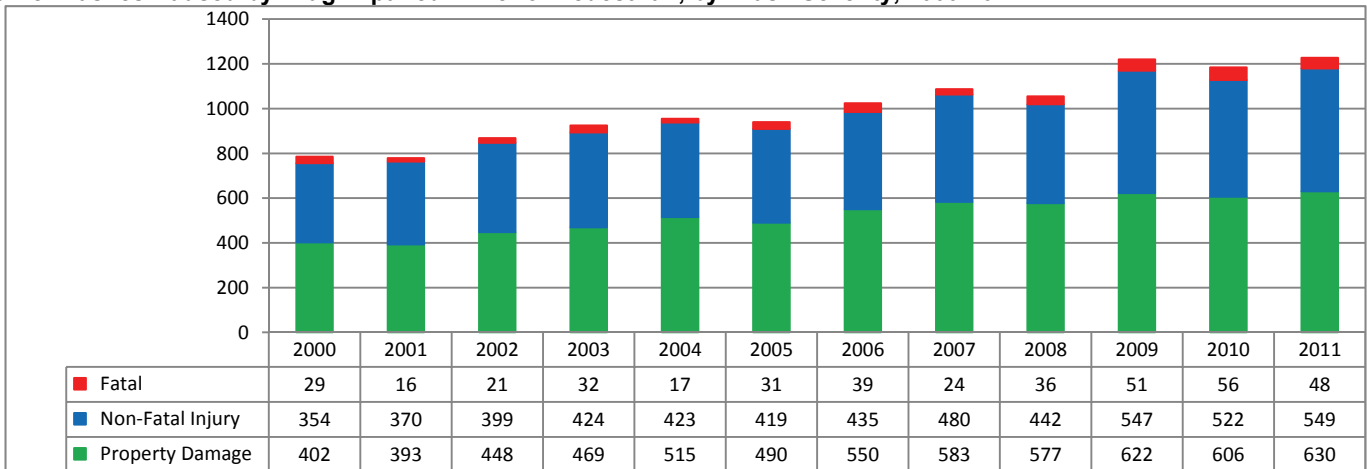
Data Source: Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center.  
[http://www.mshp.dps.missouri.gov/MSHPWeb/SAC/data\\_and\\_statistics\\_crashes\\_severity.html](http://www.mshp.dps.missouri.gov/MSHPWeb/SAC/data_and_statistics_crashes_severity.html)

### Drug Involved Traffic Crashes, 2004-2011



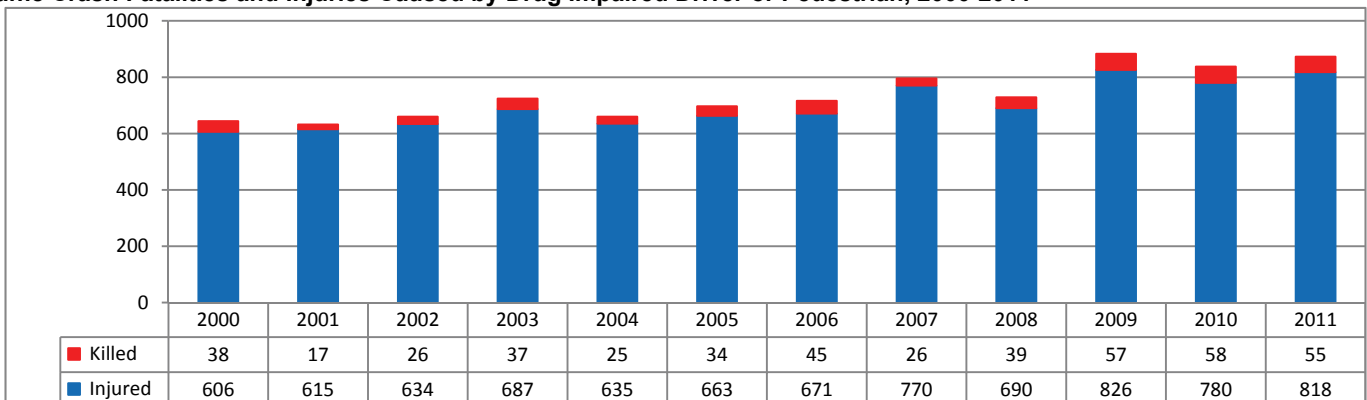
Data Source: Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center.

### Traffic Crashes Caused by Drug Impaired Driver or Pedestrian, by Crash Severity, 2000-2011



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

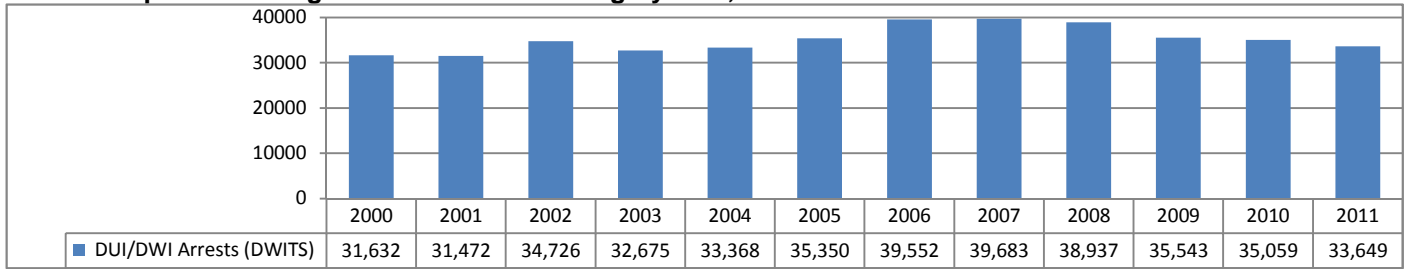
### Traffic Crash Fatalities and Injuries Caused by Drug Impaired Driver or Pedestrian, 2000-2011



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

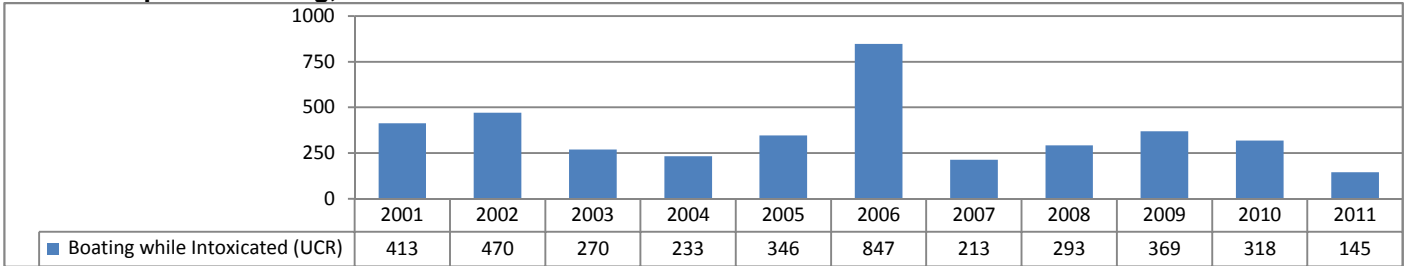
## MISSOURI ALCOHOL AND DRUG ARRESTS

### Arrests for Impaired Driving: Missouri DWI Tracking System, 2000-2011



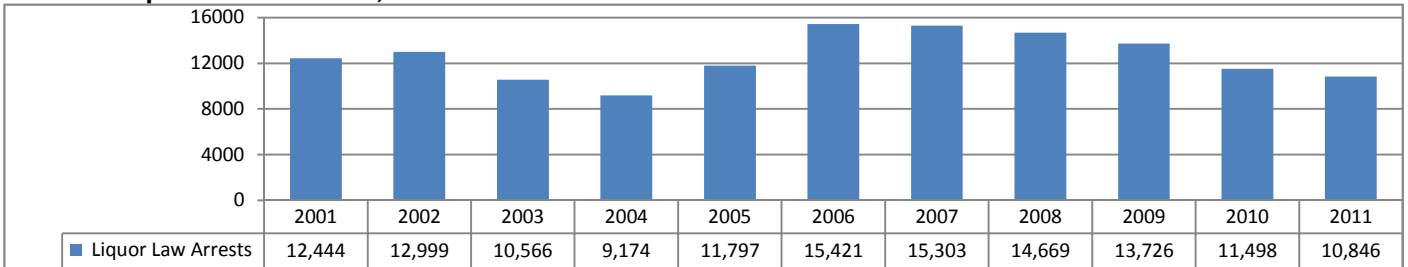
Data Source: Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center. DWI Tracking System.

### Arrests for Impaired Boating, 2001-2011



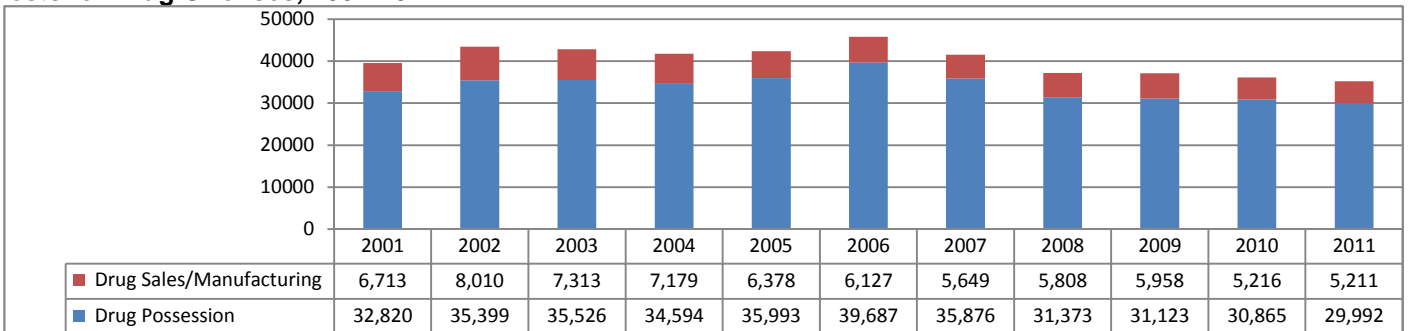
Data Source: Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center. Uniform Crime Reports.

### Arrests for Liquor Law Offenses, 2001-2011



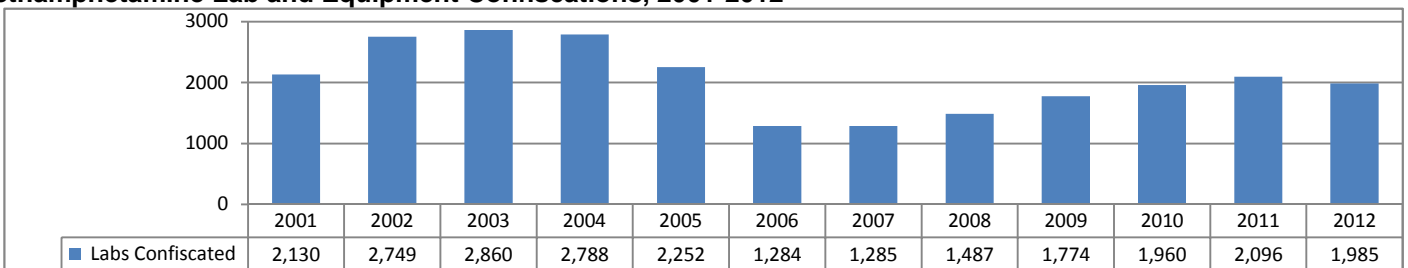
Data Source: Missouri Department of Public Safety, Missouri State Highway Patrol, Statistical Analysis Center. Uniform Crime Reports.

### Arrests for Drug Offenses, 2001-2011



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

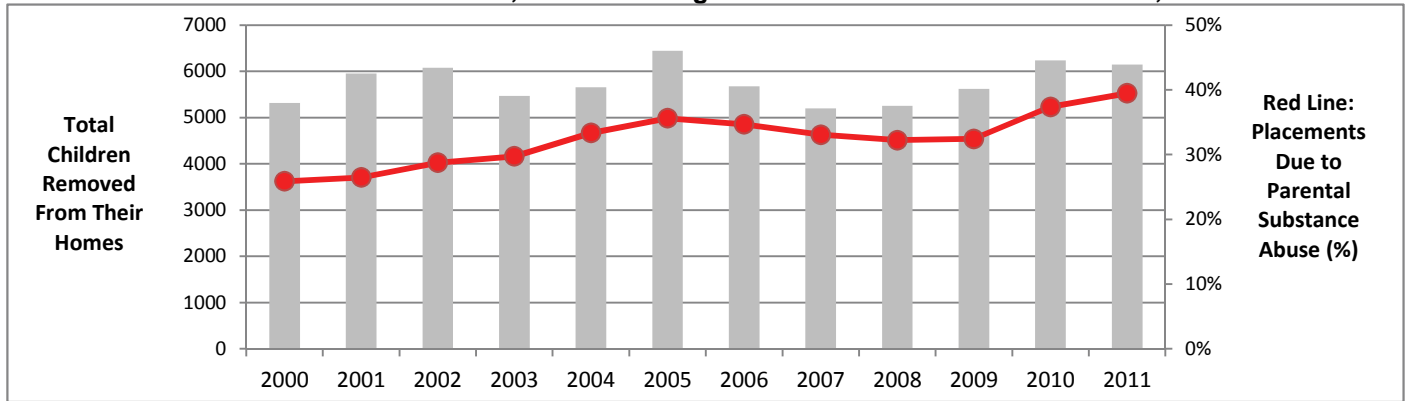
### Methamphetamine Lab and Equipment Confiscations, 2001-2012



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

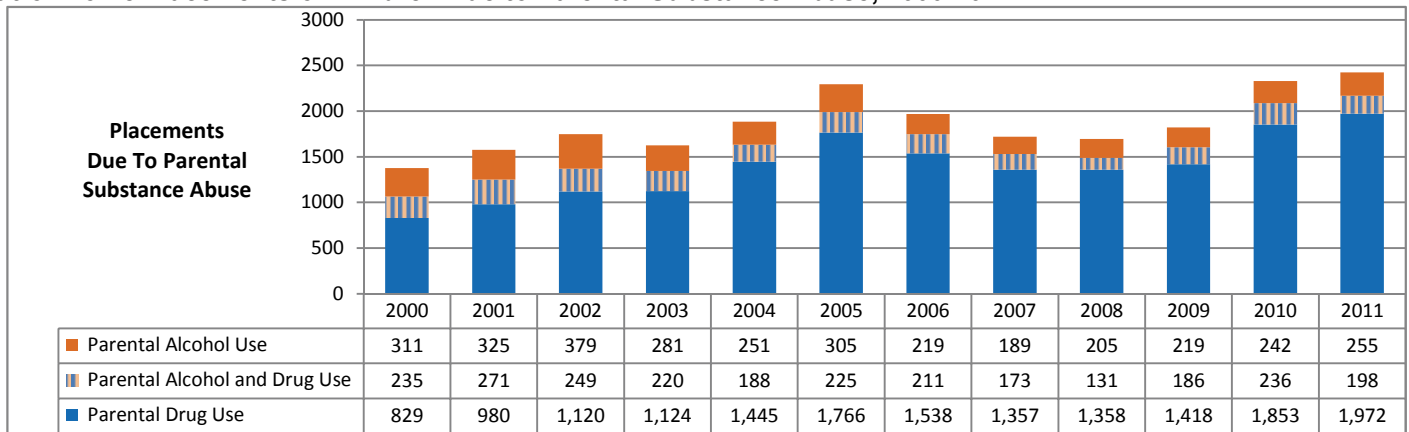
## MISSOURI JUVENILE COURT ENCOUNTERS

### Total Out-of-Home Placements of Children, and Percentage Due to Parental Substance Abuse, 2000-2011



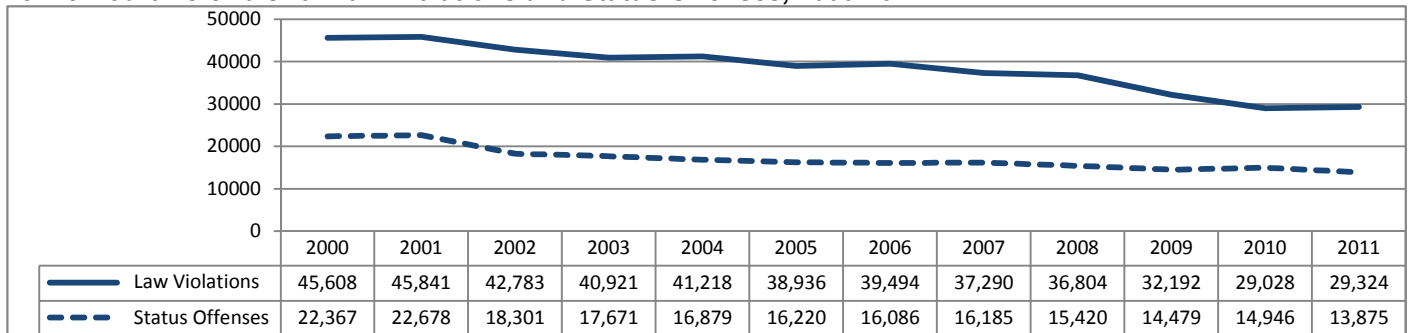
Data Source: Missouri Department of Social Services. Annual special data tabulations. Based on child's most recent removal reason within year.

### Out-of-Home Placements of Children Due to Parental Substance Abuse, 2000-2011



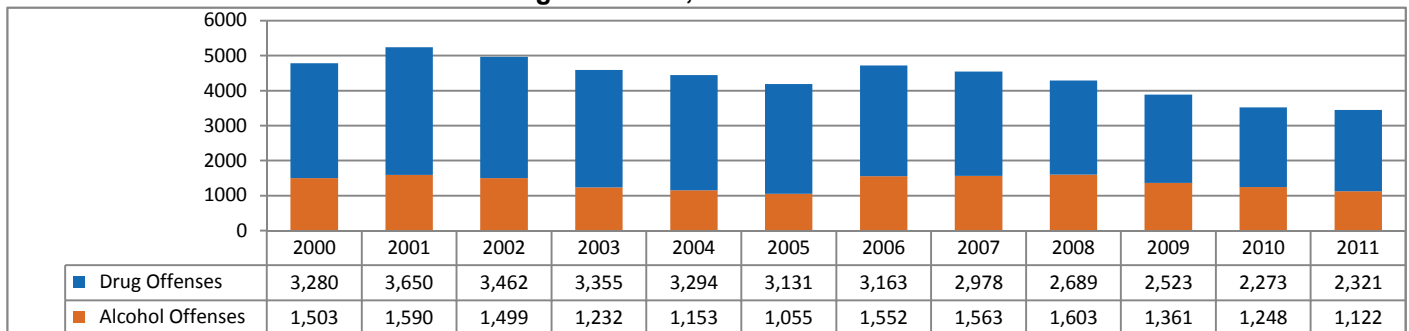
Data Source: Missouri Department of Social Services. Annual special data tabulations. Based on child's most recent removal reason within year.

### Juvenile Court Referrals for Law Violations and Status Offenses, 2000-2011



Data Source: Missouri Department of Social Services. Annual special data tabulations.

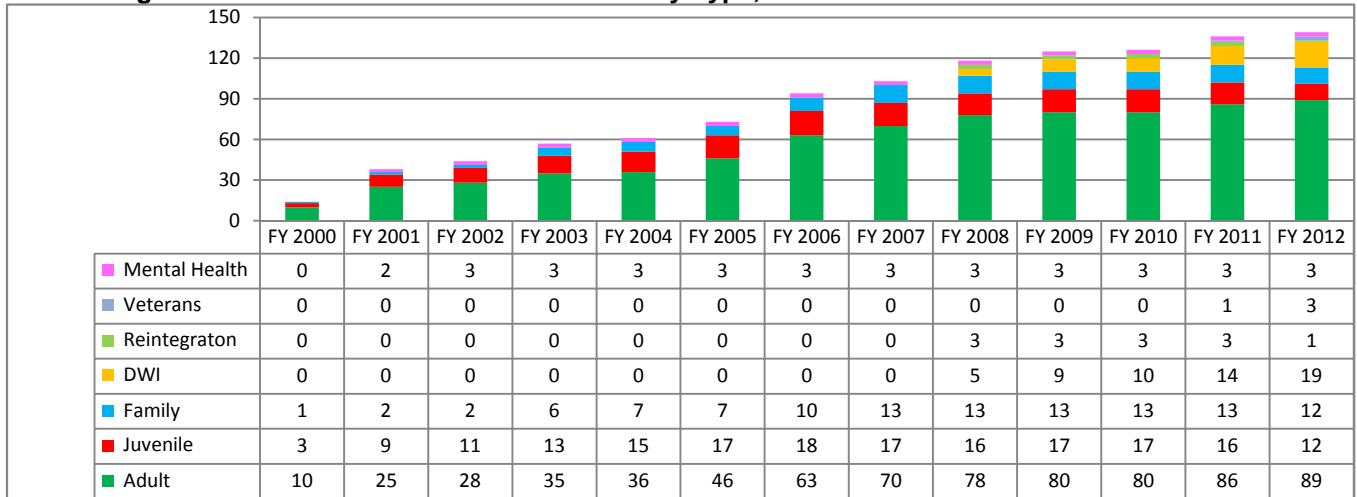
### Juvenile Court Referrals for Alcohol and Drug Violations, 2000-2011



Data Source: Missouri Department of Social Services. Annual special data tabulations.

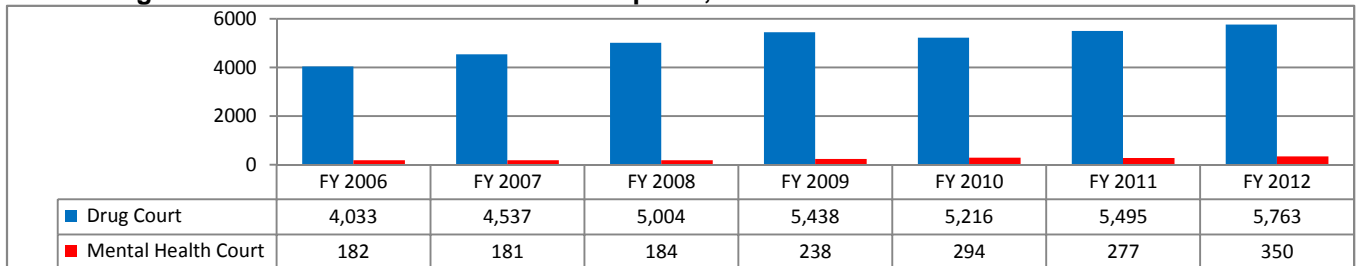
## MISSOURI CRIMINAL JUSTICE SERVICES FOR ALCOHOL AND DRUG OFFENSES

### Missouri Drug Court and Mental Health Court Growth by Type, Fiscal Years 2000-2012



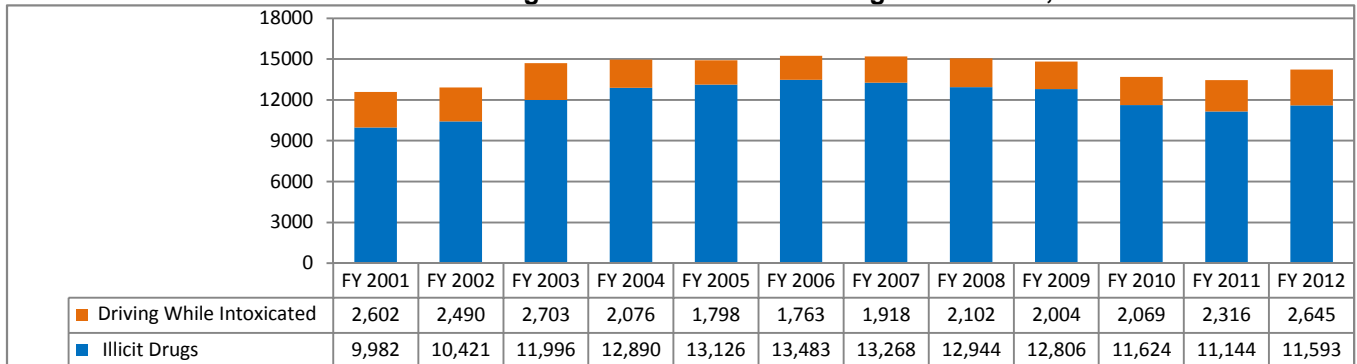
Data Source: Missouri Office of State Courts Administrator.

### Missouri Drug Court and Mental Health Court Participants, Fiscal Years 2006-2012



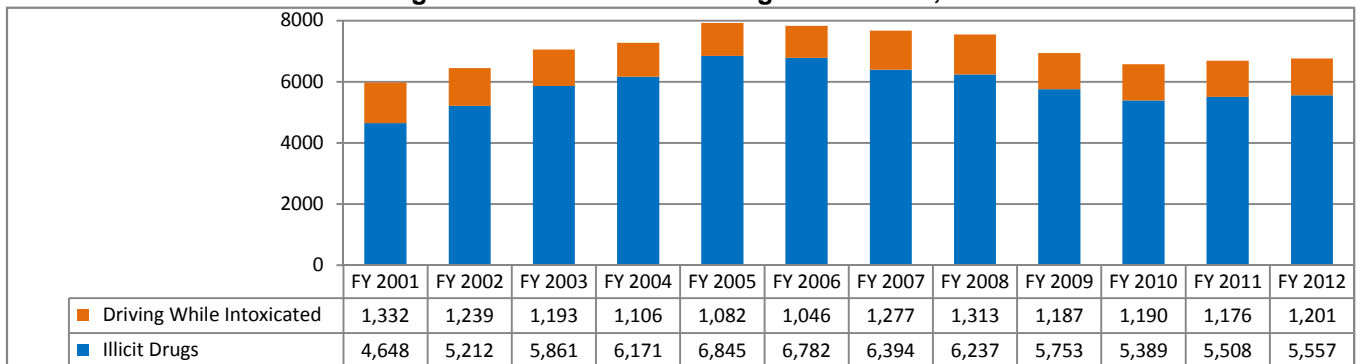
Data Source: Missouri Office of State Courts Administrator.

### Probation and Parole Admissions for Driving while Intoxicated and Drug Convictions, Fiscal Years 2001-2012



Data Source: Missouri Department of Corrections. Annual special data tabulations.

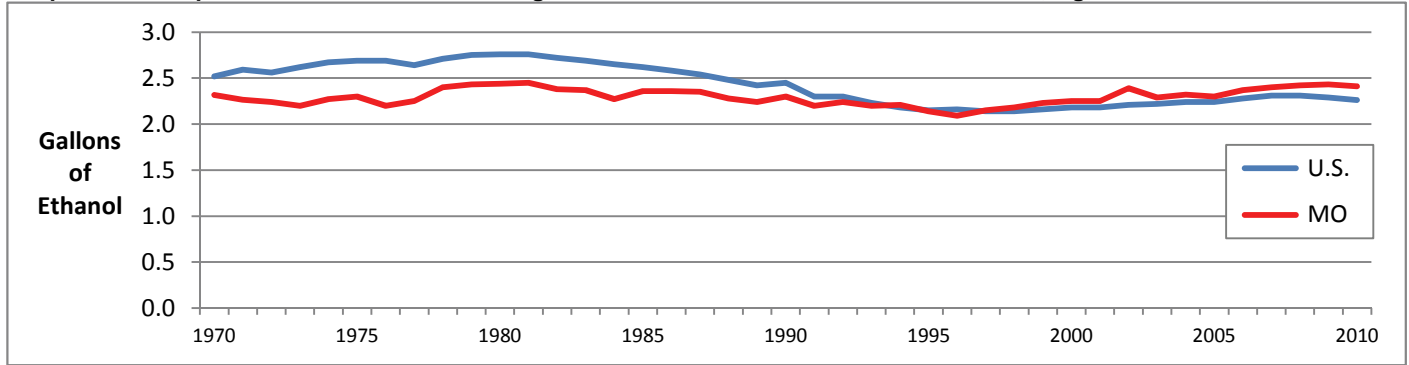
### State Prison Admissions for Driving while Intoxicated and Drug Convictions, Fiscal Years 2001-2012



Data Source: Missouri Department of Corrections. Annual special data tabulations.

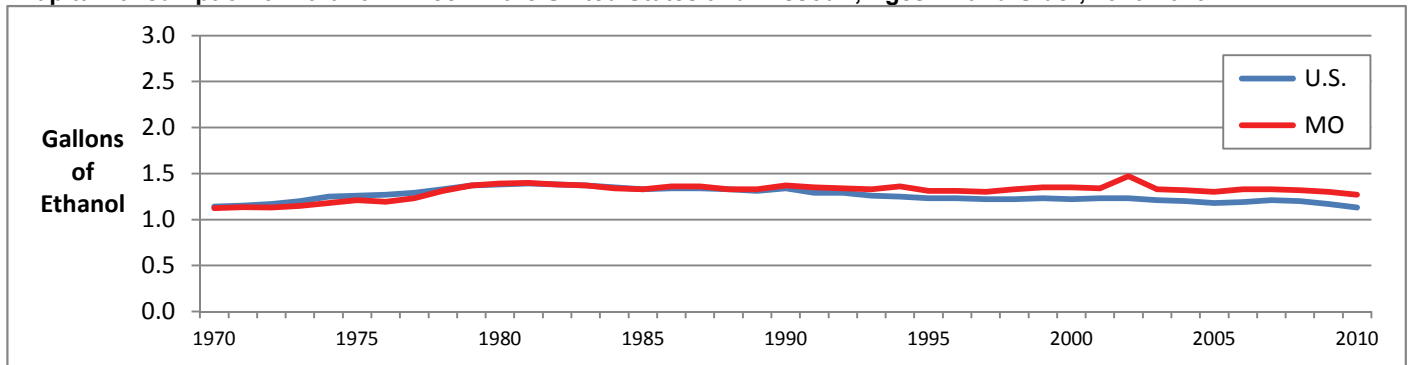
## MISSOURI ALCOHOL CONSUMPTION

**Per Capita Consumption of Ethanol in All Beverage Alcohol in the United States and Missouri, Ages 14 and Older, 1970-2010**



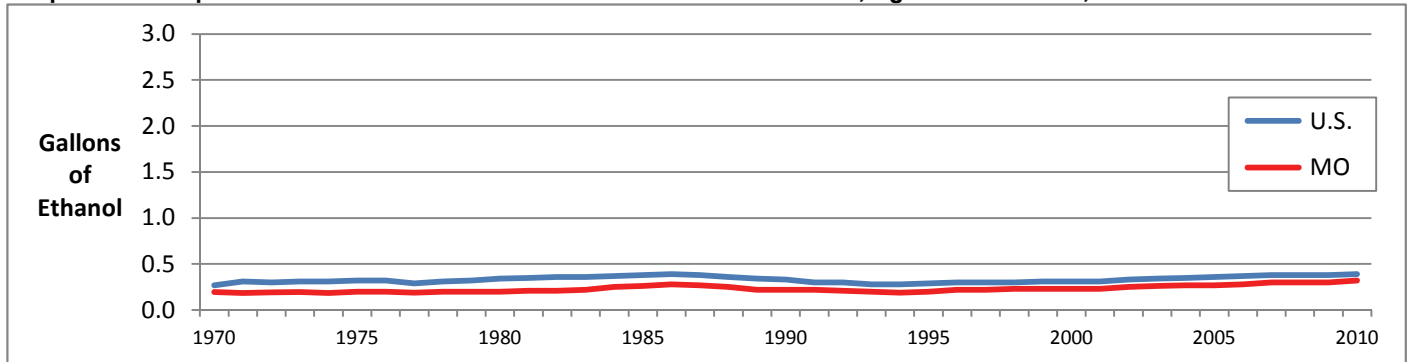
Data Source: U.S. Department of HHS, NIAAA. Surveillance Report #95: Apparent Per Capita Alcohol Consumption, 1977-2010.

**Per Capita Consumption of Ethanol in Beer in the United States and Missouri, Ages 14 and Older, 1970-2010**



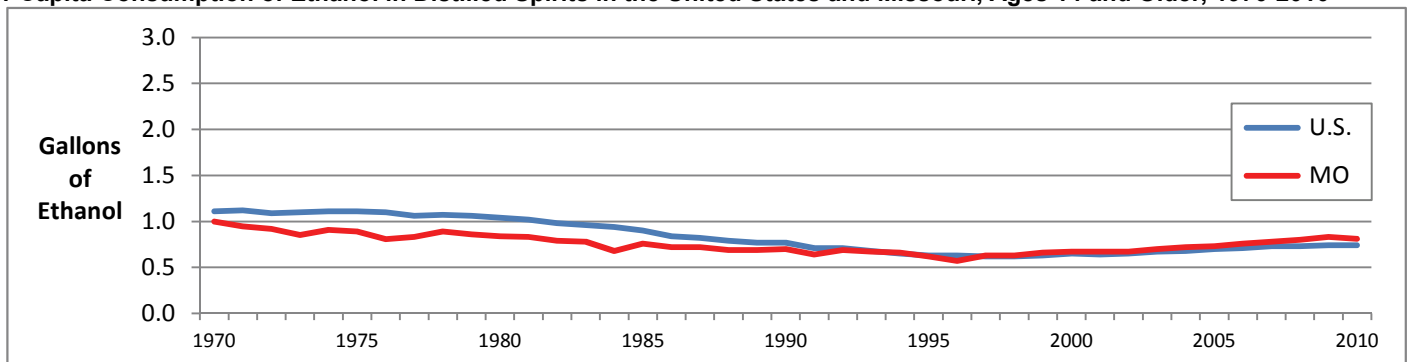
Data Source: U.S. Department of HHS, NIAAA. Surveillance Report #95: Apparent Per Capita Alcohol Consumption, 1977-2010.

**Per Capita Consumption of Ethanol in Wine in the United States and Missouri, Ages 14 and Older, 1970-2010**



Data Source: U.S. Department of HHS, NIAAA. Surveillance Report #95: Apparent Per Capita Alcohol Consumption, 1977-2010.

**Per Capita Consumption of Ethanol in Distilled Spirits in the United States and Missouri, Ages 14 and Older, 1970-2010**

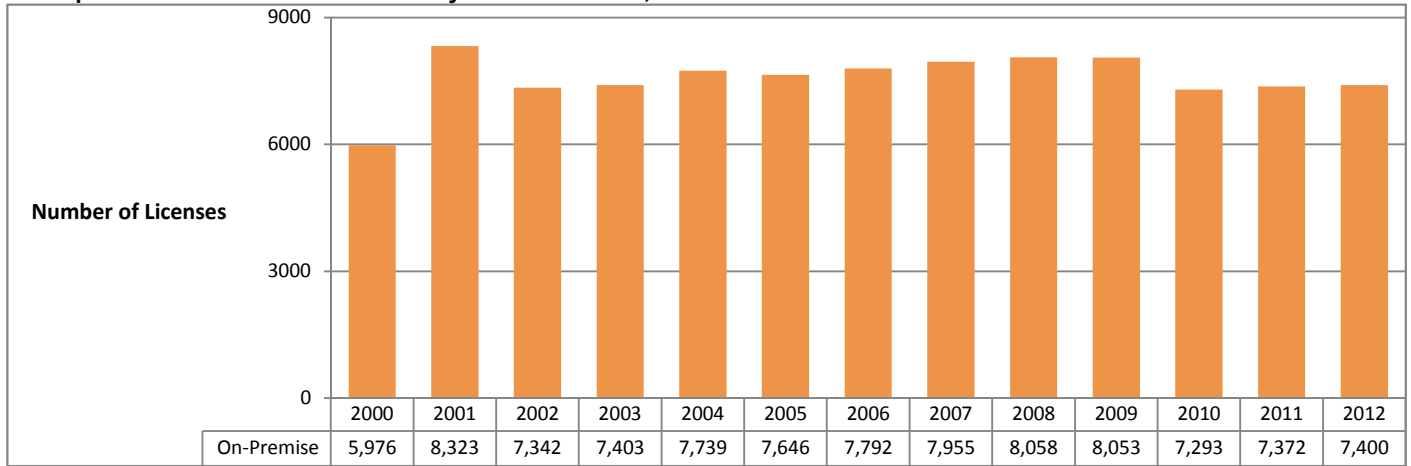


Data Source: U.S. Department of HHS, NIAAA. Surveillance Report #95: Apparent Per Capita Alcohol Consumption, 1977-2010.

Note: Some figures are revised.

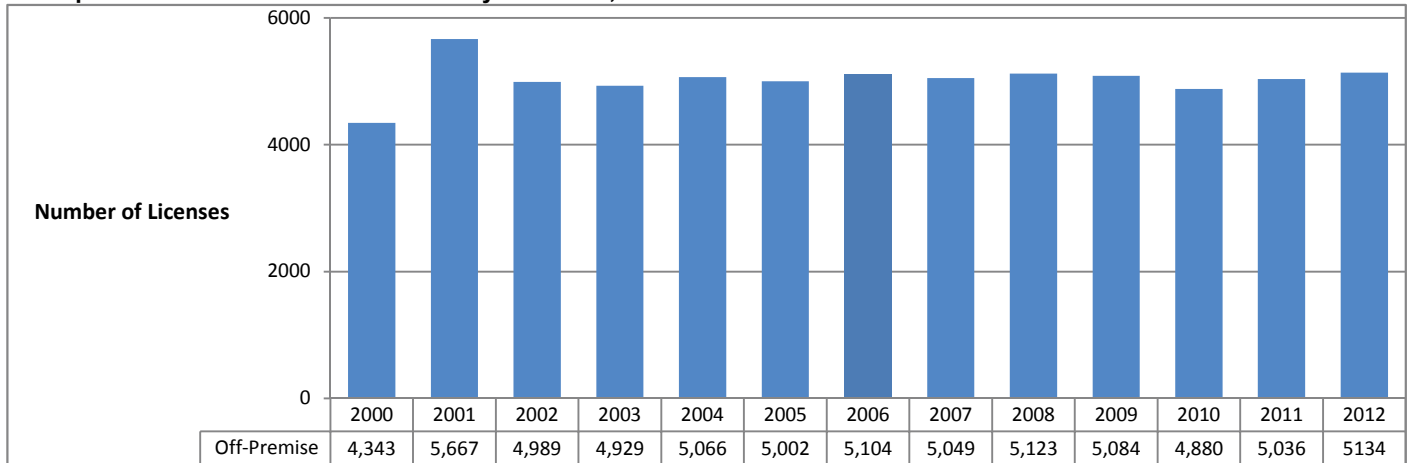
## MISSOURI LIQUOR LICENSES

### Retail Liquor Licenses for On-Premises By-the-Drink Sales, 2000-2012



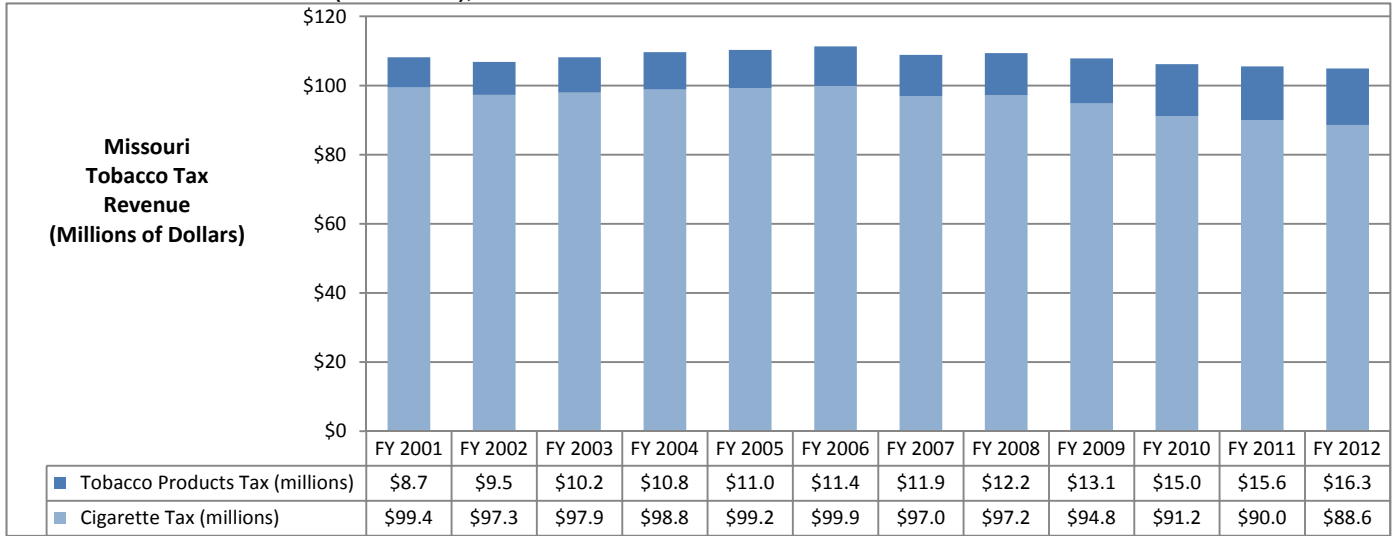
Data Source: Missouri Department of Public Safety, Division of Alcohol and Tobacco Control

### Retail Liquor Licenses for Off-Premises Carry-out Sales, 2000-2012



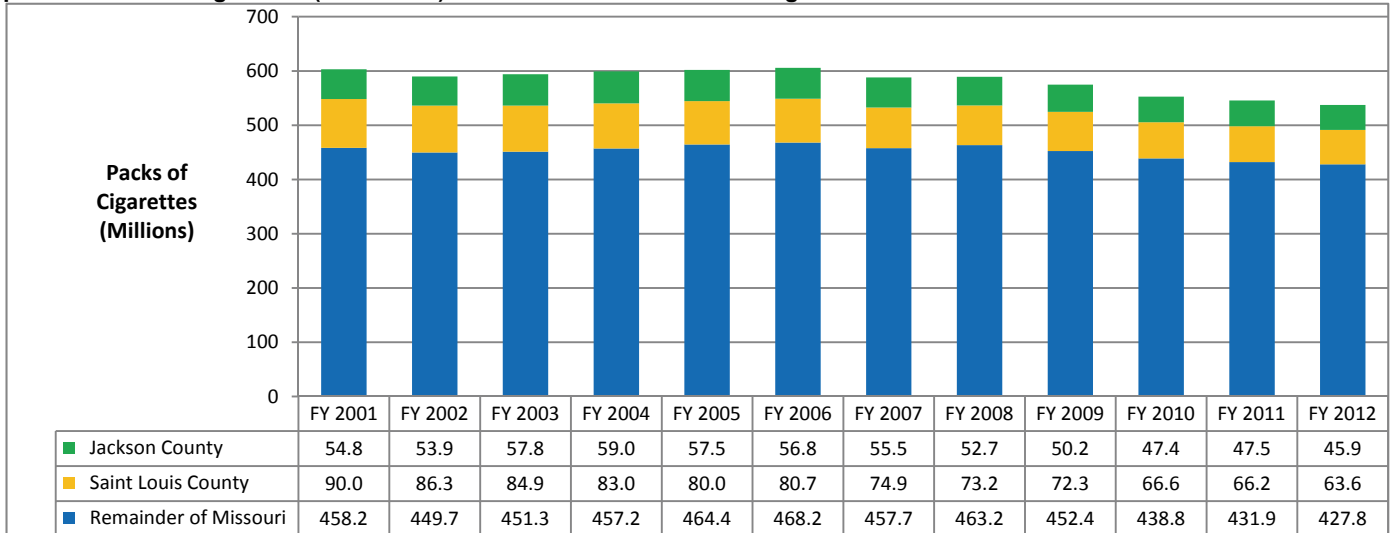
## MISSOURI TOBACCO CONSUMPTION

**Trend in Tobacco Tax Revenue (in Millions), Fiscal Years 2001-2012**



Data Source: Missouri Department of Revenue. Annual revenue reports.

**Apparent Packs of Cigarettes (in Millions) Sold in Missouri Based on Cigarette Tax Revenues: Fiscal Years 2001-2012**



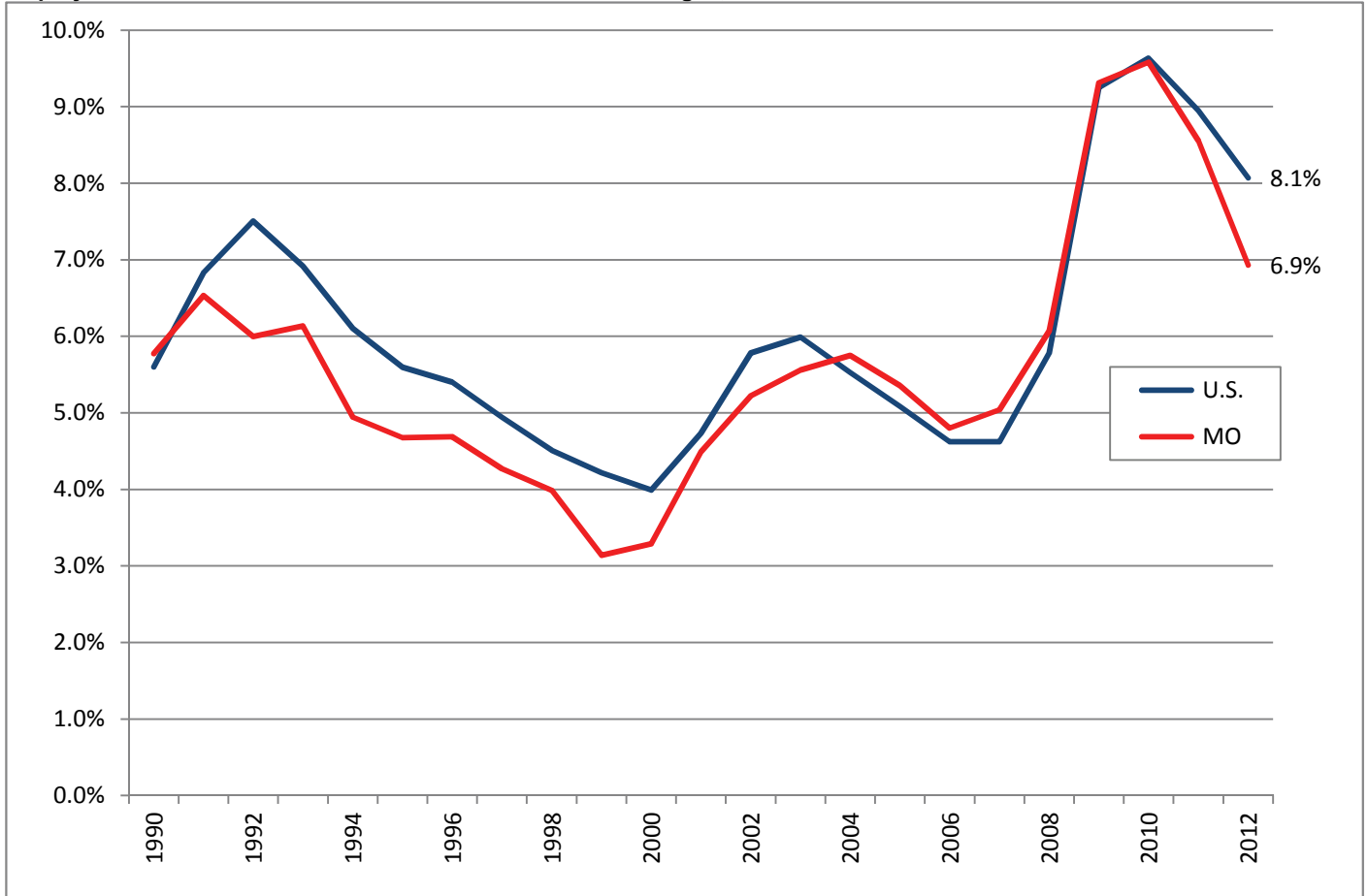
Data Source: Missouri Department of Revenue. Annual revenue reports.

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 in the United States and Missouri: Annual Averages, 1990-2012



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.