



Alcohol, Tobacco & Drug Use (ATOD)

Through a partnership among SAFE Inc., Chesterfield County Public Schools and Chesterfield County Youth Planning and Development, the Prevention Needs Assessment (PNA) Survey, was conducted during the fall of 2007. Students in grades eight, 10 and 12 participated in the survey developed by Bach Harrison of Salt Lake City, Utah. Results are provided in the tables on the following pages, along with comparisons to the results from the 2005 survey and a national survey, Monitoring the Future.

Substance Use and Antisocial Behavior Charts

This report contains information about alcohol, tobacco and other drug use (referred to as ATOD use throughout this report) and other problem behaviors of students. The bars on each chart represent the percentage of students in that grade who reported the behavior. The four sections in the charts represent different types of problem behaviors. The definitions of each of the types of behavior are provided below.

- **Ever-used** is a measure of the percentage of students who tried the particular substance at least once in their lifetime and is used to show the percentage of students who have had experience with a particular substance.
- **30-day use** is a measure of the percentage of students who used the substance at least once in the 30 days prior to taking the survey and is a more sensitive indicator of the level of current use of the substance. For both ever-used and 30-day use, national rates from the Monitoring the Future survey for grades eight, 10, and 12 have been included to allow a comparison of Chesterfield data to a national sample of students
- **Heavy use** includes **binge drinking** (having five or more drinks in a row during the two weeks prior to the survey), use of **one-half a pack or more of cigarettes per day, and need for alcohol, drug, or alcohol or drug treatment**. The need for treatment is defined as students who have used alcohol or drugs on ten or more occasions in their lifetime and marked three or more of the following six items related to their past-year drug or alcohol use: 1) spent more time using than intended, 2) neglected some of your usual responsibilities because of use, 3) wanted to cut down on use, 4) others objected to your use, 5) frequently thought about using, or 6) used alcohol or drugs to relieve feeling such as sadness, anger, or boredom.
- **Antisocial behavior (ASB)** is a measure of the percentage of students who report **any involvement** with the eight antisocial behaviors listed in the charts **during the past year**.

Table 3. Number of Students Who Completed the Survey

| Number of Youth | Grade 8 | | | Grade 10 | | | Grade 12 | | |
|-----------------|---------|------|-----|----------|------|-----|----------|------|-----|
| | 2005 | 2007 | MTF | 2005 | 2007 | MTF | 2005 | 2007 | MTF |
| | 1138 | 1324 | † | 790 | 1376 | † | 573 | 1325 | † |

Table 4. Percentage of Students Who Used ATODs During Their Lifetime

| In your lifetime, on how many occasions (if any) have you (One or more occasions) | | Grade 8 | | | Grade 10 | | | Grade 12 | | |
|--|---|---------|------|------|----------|------|------|----------|------|------|
| | | 2005 | 2007 | MTF | 2005 | 2007 | MTF | 2005 | 2007 | MTF |
| Alcohol | had alcoholic beverages (beer, wine or hard liquor) to drink - more than just a few sips? | 37.3 | 39.3 | 40.5 | 61.4 | 63.4 | 61.5 | 73.9 | 75.2 | 72.7 |
| Cigarettes | smoked cigarettes? | 17.6 | 21.3 | 24.6 | 29.4 | 33.6 | 36.1 | 46.3 | 47.2 | 47.1 |
| Chewing Tobacco | used smokeless tobacco (chew, snuff, plug, dipping tobacco, chewing tobacco)? | 5.1 | 4.9 | 10.2 | 7.6 | 9.4 | 15.0 | 13.8 | 15.0 | 15.2 |
| Marijuana | used marijuana (grass, pot) or hashish (hash, hash oil)? | 5.6 | 8.9 | 15.7 | 21.9 | 24.4 | 31.8 | 37.3 | 39.8 | 42.3 |
| Inhalants | sniffed glue, breathed the contents of an aerosol spray can, or inhaled other gases or sprays, in order to get high? | 19.8 | 11.7 | 16.1 | 12.5 | 10.8 | 13.3 | 9.8 | 8.8 | 11.1 |
| Hallucinogens | used LSD or other hallucinogens? | 1.1 | 0.9 | 3.4 | 2.7 | 3.8 | 6.1 | 6.6 | 5.6 | 8.3 |
| Cocaine | used cocaine or crack? | 0.9 | 1.2 | 3.4 | 2.6 | 2.3 | 4.8 | 5.1 | 4.2 | 8.5 |
| **Methamphetamines | used methamphetamines (meth, speed, crank, crystal meth)? | n/a | 0.5 | 2.7 | n/a | 1.1 | 3.2 | n/a | 1.3 | 4.4 |
| **Stimulants | used stimulants, other than methamphetamines (such as amphetamines, Ritalin, Dexedrine) without a doctor telling you to take them? | 2.1 | 2.6 | 7.3 | 5.4 | 5.8 | 11.2 | 8.2 | 9.4 | 12.4 |
| Sedatives | used sedatives (tranquilizers, such as Valium or Xanax, barbiturates, or sleeping pills) without a doctor telling you to take them? | 6.0 | 6.0 | 9.5 | 10.2 | 9.3 | 14.0 | 13.1 | 15.4 | 14.7 |
| Heroin or Other Opiates | used heroin or other opiates? | 0.3 | 0.5 | 1.4 | 0.6 | 1.0 | 1.4 | 1.7 | 1.3 | 1.4 |
| *Prescription Narcotics | used narcotic prescription drugs (such as OxyContin, methadone, morphine, codeine, Demerol, Vicodin, Percocet) without a doctor telling you to take them? | n/a | 2.8 | 4.2 | n/a | 9.3 | 9.8 | n/a | 15.1 | 12.8 |
| *Steroids | used steroids or anabolic steroids (such as Anadrol, Oxandrin, Durabolin, Equipoise or Depotesterone)? | n/a | 2.1 | 1.6 | n/a | 1.4 | 1.8 | n/a | 1.8 | 2.7 |
| Ecstasy | used MDMA ('X', 'E', or ecstasy)? | 0.7 | 1.2 | 2.5 | 2.6 | 1.7 | 4.5 | 2.6 | 3.2 | 6.5 |

** Before 2007, Methamphetamines was combined with Stimulants

* Substances not included before 2007

† See the Monitoring the Future website (<http://www.monitoringthefuture.org/>)

Table 5. Percentage of Students Who Used ATODs During Their Lifetime

| In the past 30 days, on how many occasions (if any) have you (One or more occasions) | | Grade 8 | | | Grade 10 | | | Grade 12 | | |
|---|--|---------|------|------|----------|------|------|----------|------|------|
| | | 2005 | 2007 | MTF | 2005 | 2007 | MTF | 2005 | 2007 | MTF |
| Alcohol | had alcoholic beverages (beer, wine or hard liquor) to drink - more than just a few sips? | 13.9 | 15.3 | 17.2 | 31.6 | 32.5 | 33.8 | 43.9 | 43.4 | 45.3 |
| Cigarettes | smoked cigarettes? | 4.1 | 5.0 | 8.7 | 10.1 | 13.0 | 14.5 | 19.6 | 19.8 | 21.6 |
| Chewing Tobacco | used smokeless tobacco (chew, snuff, plug, dipping tobacco, chewing tobacco)? | 2.1 | 1.6 | 3.7 | 3.5 | 3.9 | 5.7 | 7.2 | 6.8 | 6.1 |
| Marijuana | used marijuana (grass, pot) or hashish (hash, hash oil)? | 2.8 | 3.7 | 6.5 | 8.6 | 12.3 | 14.2 | 15.1 | 20.1 | 18.3 |
| Inhalants | sniffed glue, breathed the contents of an aerosol spray can, or inhaled other gases or sprays, in order to get high? | 8.2 | 4.6 | 4.1 | 3.2 | 2.5 | 2.3 | 2.1 | 1.7 | 1.5 |
| Hallucinogens | used LSD or other hallucinogens? | 0.4 | 0.2 | 0.9 | 0.8 | 0.8 | 1.5 | 0.9 | 1.0 | 1.5 |
| Cocaine | used cocaine or crack? | 0.4 | 0.4 | 1.0 | 0.6 | 0.5 | 1.5 | 1.9 | 1.2 | 2.5 |
| **Methamphetamines | used methamphetamines (meth, speed, crank, crystal meth)? | n/a | 0.2 | 0.6 | n/a | 0.2 | 0.7 | n/a | 0.2 | 0.9 |
| **Stimulants | used stimulants, other than methamphetamines (such as amphetamines, Ritalin, Dexedrine) without a doctor telling you to take them? | 1.0 | 1.0 | 2.1 | 2.2 | 1.9 | 3.5 | 3.7 | 3.5 | 3.7 |
| Sedatives | used sedatives (tranquillizers, such as Valium or Xanax, barbiturates, or sleeping pills) without a doctor telling you to take them? | 2.1 | 1.8 | 3.0 | 3.3 | 3.5 | 4.6 | 5.8 | 6.1 | 4.5 |
| Heroin or Other Opiates | used heroin or other opiates? | 0.2 | 0.1 | 0.3 | 0.4 | 0.5 | 0.5 | 0.3 | 0.3 | 0.4 |
| *Prescription Narcotics | used narcotic prescription drugs (such as OxyContin, methadone, morphine, codine, Demerol, Vicodin, Percocet) without a doctor telling you to take them? | n/a | 0.9 | 1.3 | n/a | 3.3 | 3.2 | n/a | 5.5 | 3.9 |
| *Steroids | used steroids or anabolic steroids (such as Anadrol, Oxandrin, Durabolin, Equipoise or Depotesterone)? | n/a | 0.8 | 0.5 | n/a | 0.2 | 0.6 | n/a | 0.5 | 1.1 |
| Ecstasy | used MDMA ('X', 'E', or ecstasy)? | 0.2 | 0.5 | 0.7 | 0.8 | 0.4 | 1.2 | 0.2 | 0.8 | 1.3 |

** Before 2007, Methamphetamines was combined with Stimulants
 * Substances not included before 2007

Table 6. Percentage of Students With Heavy ATOD Use

| | | Grade 8 | | | Grade 10 | | | Grade 12 | | |
|----------------------------|---|---------|------|------|----------|------|------|----------|------|------|
| | | 2005 | 2007 | MTF | 2005 | 2007 | MTF | 2005 | 2007 | MTF |
| Binge Drinking | How many times have you had 5 or more alcoholic drinks in a row in the past 2 weeks? | 6.0 | 8.2 | 10.9 | 15.8 | 16.4 | 21.9 | 27.2 | 23.8 | 25.4 |
| 1/2 Pack of Cigarettes/Day | During the past 30 days, have you smoked 1/2 Pack of cigarettes a day or more? | 0.4 | 1.3 | 1.5 | 1.4 | 2.3 | 3.3 | 3.9 | 6.6 | 5.9 |
| Needs Alcohol Treatment | Answered "Yes" to at least 3 alcohol treatment questions and has used alcohol on 10 or more occasions | 2.8 | 2.6 | n/a | 8.8 | 7.5 | n/a | 13.6 | 10.7 | n/a |
| Needs Drug Treatment | Answered "Yes" to at least 3 drug treatment questions and has used any drug on 10 or more occasions | 1.3 | 1.9 | n/a | 4.4 | 7.5 | n/a | 8.7 | 9.5 | n/a |
| Alcohol or Drug Treatment | Needs alcohol and/or drug treatment | 3.6 | 3.7 | n/a | 11.3 | 12.1 | n/a | 17.9 | 16.0 | n/a |

Table 7. Percentage of Students With Antisocial Behavior in the Past Year

| How many times in the past year (12 months) have you: (One or more times) | Grade 8 | | | Grade 10 | | | Grade 12 | | |
|--|---------|------|---------|----------|------|---------|----------|------|---------|
| | 2005 | 2007 | 8-State | 2005 | 2007 | 8-State | 2005 | 2007 | 8-State |
| Been Suspended from School | 9.2 | 16.9 | 17.5 | 8.2 | 13.0 | 12.8 | 8.2 | 12.7 | 9.3 |
| Been Drunk or High at School | 4.8 | 5.8 | 10.3 | 9.2 | 14.1 | 17.7 | 12.5 | 16.7 | 19.2 |
| Sold Illegal Drugs | 1.4 | 2.6 | 3.6 | 5.6 | 6.9 | 7.4 | 6.5 | 9.6 | 8.4 |
| Stolen or Tried to Steal a Motor Vehicle | 1.9 | 2.2 | 3.7 | 2.1 | 2.2 | 3.8 | 0.5 | 2.1 | 2.1 |
| Been Arrested | 3.5 | 5.5 | 7.1 | 3.8 | 5.3 | 8.0 | 4.6 | 6.2 | 7.2 |
| Attacked Someone with the Idea of Seriously Hurting Them | 13.1 | 17.3 | 16.7 | 12.0 | 14.9 | 15.5 | 10.4 | 13.4 | 12.7 |
| Carried a Handgun | 3.6 | 4.2 | 5.9 | 3.0 | 4.6 | 5.3 | 2.6 | 5.1 | 5.1 |
| Carried a Handgun to School | 0.8 | 0.5 | 0.9 | 0.9 | 0.6 | 1.1 | 0.5 | 0.5 | 1.0 |

