

## ANABOLIC STEROIDS

Anabolic steroids are manufactured synthetic substances related to the male sex hormone testosterone. They come in liquid or tablet form and are taken either orally or injected into the body. Steroids may be prescribed by a licensed physician for the treatment of testosterone deficiency, delayed puberty, low red blood cell count, breast cancer, and tissue wasting resulting from AIDS. Steroids have been notoriously affiliated with athletes, such as body builders and cyclists, who have used these substances illegally to boost their performance or improve their appearance.



### Street Names

Juice, Pumpers, Roids, and Stackers

## EFFECTS

Some of the short term effects of steroids that appeal to athletes include increased lean muscle mass, increased strength, and the increased endurance to train longer. Some of the more adverse effects of steroid use include damage of the liver, fluid retention, elevated blood pressure, jaundice and increased LDL (bad cholesterol) levels. Side effects of steroid use among men may include shrinking of the testicles, baldness, reduced sperm count and the development of breasts. Steroid abuse could potentially lead to aggressive and violent behavior. There are also reports of steroid users who experience paranoid jealousy, excessive irritability, and impaired judgment.



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INDIANA UNIVERSITY  
School of Health, Physical Education, and Recreation  
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The Indiana Prevention Resource Center is operated by the Department of Applied Health Science, School of Health, Physical Education and Recreation at Indiana University. Funded, in part, by a contract with the Indiana Family and Social Services Administration, Division of Mental Health and Addiction, financially supported through Health and Human Services/Substance Abuse Mental Health Services Administration, Center for Substance Abuse Prevention, Substance Abuse Prevention and Treatment Block Grant.

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## INCIDENCE & PREVALENCE

In recent years, the annual use of anabolic steroids by youth has been on a steady decline. According to the IPRC Alcohol, Tobacco, and Other Drug Use by Indiana Children and Adolescents Survey, the annual use of steroids among 10<sup>th</sup> graders statewide has declined since 2002. However, in 2011 1.7% of 10<sup>th</sup> grade students had used steroids at least once during that year; this number is higher than the national statistic of 1.4% for the same population.

Prevalence of Steroid Use Among Indiana 10<sup>th</sup> Graders, 2001-2011



Source: IPRC 2011 ATOD Use By Children & Adolescents Survey

## LAW & CRIMINAL JUSTICE

Since 1991, anabolic steroids have been classified as a Schedule III controlled substance by the U.S. Drug Enforcement Administration under the Controlled Substances Act of 1970. This means that steroids currently have accepted medical uses in the U.S. and have the potential for abuse, but less than that of Schedule I or Schedule II substances. Only a small amount of anabolic steroids are approved for either human or veterinary use.

### Indiana Prevention Resource Center

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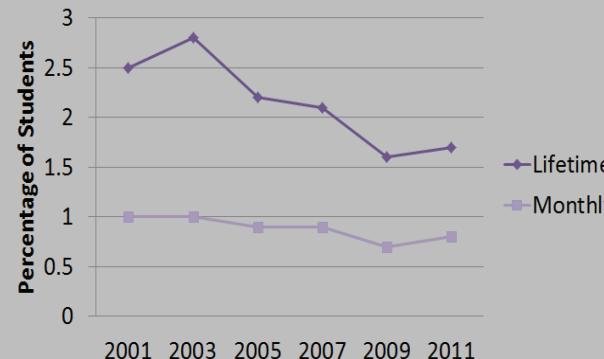
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