



Who are we?
23 square miles
population 9,700

21 square miles
population 17,300

2800 students
3200 students

Who are you?

THANK YOU

Downing Exhibits and Retail Displays
1287 Centerview Circle, Copley OH

Monitoring the Future
NATIONAL RESULTS ON ADOLESCENT DRUG USE

Overview of Key Findings
2014

Sponsored by
The National Institute on Drug Abuse
National Institutes of Health

Monitoring the Future is an ongoing study of the behaviors, attitudes, and values of American secondary school students, college students, and young adults. Each year, a total of approximately 50,000 8th, 10th and 12th grade students are surveyed.

The University of Michigan
Institute for Social Research

www.monitoringthefuture.org

HIPS OUTLINE

- Alcohol
- Marijuana
- Tobacco
- Over the Counter Drugs
- Prescription Drugs
- Illicit Drugs
- Other Risky Behaviors

What to do? and Where to get help?

Email for PowerPoint handout ebaker@bathtownship.org

Alcohol stats

Age Group	Percentage
8th grade	27.8%
10th grade	52.1%
12th grade	68.2%
college students	82.3%
young adults	87.5%

Several researchers have found that starting drinking before the age of 15 is associated with a 40% increased risk for developing alcoholism compared to people who delay drinking until age 20 or later. It has been estimated that if the age at which people started drinking could be delayed to age 20, there would be a 50% reduction in the number of cases of alcohol use disorder.

5% 6% 6 TO 12%

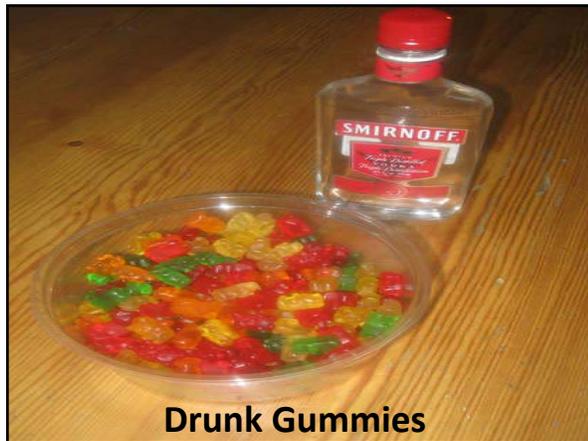
BEER IS USUALLY 4 TO 6%

CAFFEINATED ALCOHOLIC BEVERAGES

Jager Bomb

Four Loko **caffeinated alcoholic beverage** taken off market because of public health concerns. FDA "dangerous additive"

and other self-made **caffeinated alcoholic beverages** are just as dangerous



Powdered Alcohol
VODKA

Powdered Alcohol
RUM

Powdered Alcohol
KAMIKAZE

Palcohol
Powdered Alcohol
COSMOPOLITAN

Palcohol
Powdered Alcohol
LEMON DROP

Products that contain alcohol...

Hand sanitizer
Mouthwash
Liquid cold medications



Dewshine
Jan 16 Tennessee 2 deaths



UNUSUAL WAYS TO INGEST ALCOHOL



Eyeballing



Tampon soaked in alcohol



Inhaling (Vaportini)



Alcohol Enema
(Butt chugging)



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"24% of the seniors surveyed reported that they engaged in binge drinking in just the two weeks prior to taking the survey."

Alcohol – Drinking Games /Binge Drinking

*“Red Solo Cup”
by Toby Keith*

Definition - men 5 or more drinks in 2 hours
women 4 or more drinks in 2 hours.¹

About 90% of the alcohol consumed by youth under the age of 21
in the United States is in the form of binge drinks.²

National Institute of Alcohol Abuse and Alcoholism
Office of Juvenile Justice and Delinquency Prevention





Ashley
February 13, 2010
18 years old
Buchtel High
School
(Copley resident)
Class of 2010

Marijuana

*“dank” “dro” “mids”
“reggie” “shake” “nuggs”
“purp”*

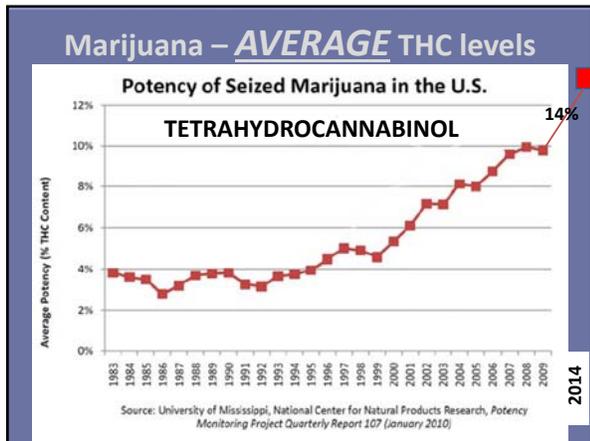


16.5% 35.8% 45.5% 46.8% 55.9%

8th grade 10th grade 12th grade college students young adults

2013

www.urbandictionary.com



Monitoring the Future

NATIONAL RESULTS ON ADOLESCENT DRUG USE

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2015

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National Institutes of Health

“Daily use of marijuana, remained at relatively high levels. The recent increases have been substantial. Today one in every seventeen high school seniors (6%) is a daily or near-daily marijuana user. “

It’s not always who would expect.

Marijuana - cost

\$15 per gram (and up)

“20 sack” = 1.2 grams = \$20

6

Marijuana



Roach

Jay
Joint
Doobie



Blunt



Marijuana



capsules

candy



Suckers
+20%
THC



Dab Wax Oil
+60% THC



Marijuana Edibles



Marijuana – Laced

“wet”, “wet daddies” “wet sticks”
Marijuana dipped in formaldehyde (embalming fluid)



mixed with PCP

Smoking a joint that has been dipped in embalming fluid or formaldehyde has effects similar to those of a joint laced with PCP - a drug that causes hallucinations, euphoria, and often times, panic or rage.
www.cesar.umd.edu

Marijuana – Smoking Devices

Pipes - blown glass, metal fittings, ceramic, stone, wood



one hitter



bong



vaporizer



aluminum foil



wrench sockets

duagout

jewelry

Scales



PHONE APP



Grinders



HeadShopFinder.com
Finding shops for your head since 4:20



5. Daystar Boutique 15798 Lorain Ave
7. Hippy Boutique 2 Berea Commons
11. Wax & Beyond 5100 Pearl Road

Safes and Hiding Places



the ultimate safe!
\$19.99

Storage Places -
"Anywhere my Mom wouldn't think to look."

WAYS TO COVER UP MARIJUANA USE



Jamaican Hotbox

Adulterants

- Adulterants can be consumed or added to urine, in order to interfere with the accuracy of drug tests. Hydrogen peroxide, bleach.



synthetic urine

\$25.99



drinking vinegar



THE WHIZZINATOR



\$109.95

“Blazed” “Baked”

being high on marijuana

“Chief”
to smoke marijuana



"420"



refers to the use of marijuana and marijuana user's subculture
The term was allegedly coined by a group of teenagers in San Rafael, California in 1971.



"420" evolved into a codeword used to mean pot-smoking in general.

April 20 has evolved into a subculture holiday, where people gather to celebrate and use marijuana.

www.wikipedia.com

"710"

↕
OIL





Bob Marley was a Jamaican singer-songwriter and musician. Marley remains the most widely known and revered performer of reggae music, and is credited with helping spread both Jamaican music and the Rastafari movement to a worldwide audience.

Rastafari followers believe marijuana purifies the soul and brings one closer to the Almighty.



www.uspost.com

Ohio's Medicinal Marijuana Law effective September 8, 2016

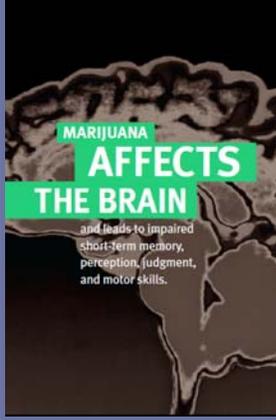
- People with one of about two dozen qualifying medical conditions could use marijuana if recommended by their physician.
- Patients could not smoke or grow their own marijuana, but vaping would be allowed.
- Oils, tinctures, patches and plant material would be sold in dispensaries licensed by the Ohio State Board of Pharmacy.
- The State Medical Board would register physicians and determine education requirements for those physicians.
- Medical marijuana patients could be fired for violating an employer's drug-free workplace policy.

CANNABIDIOL (CBD)

CBD is a cannabinoid that does not affect the mind or behavior. It may be useful in reducing pain and inflammation, controlling epileptic seizures, and possibly even treating mental illness and addictions.

"Scientists have been specially breeding marijuana plants and making CBD in oil form for treatment purposes. These drugs may be less desirable to recreational users because they are not intoxicating."

National Institute on Drug Abuse (NIDA) Research on the Therapeutic Benefits of Cannabis and Cannabinoids



MARIJUANA AFFECTS THE BRAIN
and leads to impaired short-term memory, perception, judgment, and motor skills.

Daily users may be functioning at a reduced intellectual level all or most of the time.

Heavy use in teens may lead to a loss of 8 points in IQ.

Students who smoke marijuana tend to get lower grades and are more likely to drop out of high school.

Long term marijuana users report decreased overall life satisfaction, including diminished mental and physical health, memory and relationship problems, lower salaries, and less career success.

National Institute on Drug Abuse
2014

Tobacco - Cigarettes



21.1
DOWN FROM 57.8% 20 YEARS AGO

MtF 2015



Tobacco – Smokeless Tobacco

Chewing tobacco and snuff contain 28 cancer-causing agents. Smokeless tobacco users have an increased risk of developing cancer of the oral cavity.



11.3%

www.cancer.gov

MtF 2015

Tobacco – E Cigarettes and Vaporizers

battery-operated devices that contain cartridges filled with nicotine (some more than a regular cigarette), flavor (chocolate, caramel, strawberry, bubble gum) and other chemicals.

turns nicotine into a vapor that is inhaled

August, 2014 ARE subject to Ohio tobacco laws for juveniles (considered alternative tobacco product)

The Food and Drug Administration (FDA) and some health experts are concerned that the side effects of inhaling pure nicotine have yet to be adequately studied, and are therefore unknown.

www.health.howstuffworks.com



Hookah



Miraj
Clouds
Karma Cafe

ANY MEDICATION CAN BE ABUSED

TYLENOL acetaminophen
ibuprofen **Advil**

EXCEDRIN acetaminophen, aspirin, and caffeine
antihistamine **Benadryl**

Dramamine dimenhydrinate (antihistamine)
diphenhydramine **Sominex**

ANY MEDICATION CAN BE ABUSED



Hallucinogen DXM Dextromethorphan

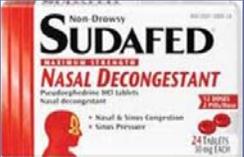
is a cough suppressant drug. It is one of the active ingredients in many over-the-counter cold and cough medicines.

When exceeding recommended maximum dosages, Dextromethorphan acts as an hallucinogen.



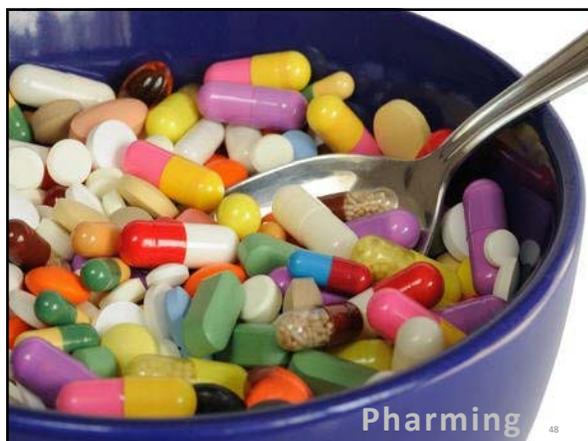
Robo-tripping and skittling
"Triple C"

Pseudoephedrine



Stimulant in large doses
"Poor Man's Speed"

Ingredient to make methamphetamine



Snorting Medications



A close-up photograph of a person's hand holding a small, orange plastic pill bottle. The bottle has a white label with black text, including a date '07/19/11' and a pharmacy name 'PHARMACY #157'. The bottle is filled with small, round, orange pills. The background is dark and out of focus.

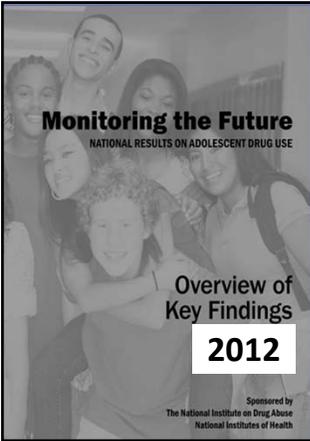
ABUSE OF PRESCRIPTION DRUGS FOR MENTAL HEALTH

Benzodiazepines
anti-anxiety
sedatives



Ativan
Klonopin
Xanax
Valium

A photograph of a young woman with dark, curly hair, wearing a blue t-shirt. She is holding her hands to her face, with her fingers buried in her hair, suggesting distress or a headache. The background is plain white.



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"The use of **prescription narcotic drugs** has increased sharply in recent years, as have emergency room admissions involving these drugs, making this class of drugs of particular concern."

The image shows the cover of a report titled 'Monitoring the Future: National Results on Adolescent Drug Use'. It features a group of diverse young people smiling. The year '2012' is prominently displayed in a white box. A quote is printed on the right side of the cover.

Prescription Drugs - painkillers

- Codeine
- Morphine
- Hydrocodone (Vicodin)
new – 11/13 Zohydro ER
is pure hydrocodone
- Oxycodone (Percodan, Percocet, Opana)

11.1%



Purple Drank, Sizzurp, Lean, Dirty Sprite



(prescription cough syrup) + (soda) + (Jolly Ranchers)



Lil Wayne Mike Jones asap Rocky

Prescription Drug - Fentanyl

is a potent synthetic narcotic analgesic in form of a patch

Fentanyl is approximately 100 times more potent than morphine and 30 to times more potent than heroin.



March, 2015 DEA Issues Nationwide Alert on Fentanyl as Threat to Health and Public Safety

Heroin aka "boy" "dog food"



0.7%

MTF 2015

1/10 gram "bag", "point" or "fold" = \$10-\$20

Heroin and Fentanyl mixed



"Bud Ice"

"Theraflu"



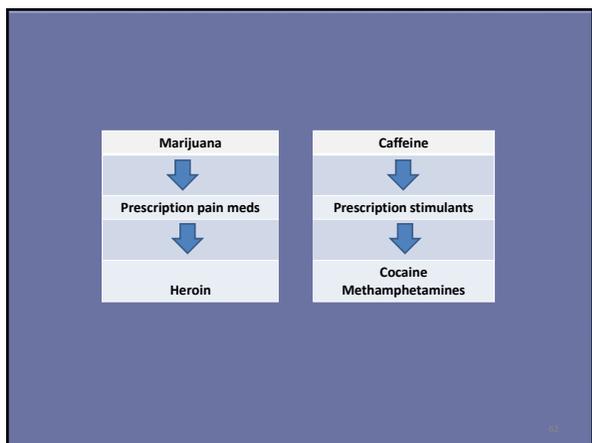
Jacob
October 9, 2011
19 years old
Hoban High School
class of 2010
Bath resident



Kyle
April, 2010
27 years old
Copley High School
Class of 2001
(Richfield resident at time of death)

The investigation into Jacob's death resulted in 4 felony drug trafficking charges. Offender sentenced to 57 months, presently being served at Lorain Correctional facility.
Release date 11-20-2017





Caffeine

The American Academy of Pediatrics recommends that adolescents get no more than 100 mg of caffeine a day.

Too much caffeine can lead to:

- Nervousness
- Irritability
- Insomnia
- Rapid heartbeat
- Increased blood pressure

www.mayoclinic.org

CAFFEINE  = 35 milligrams

 =  80

 =  160

 =  208

 =  300

CAFFEINE  = 35

 = 

20 ounce venti brewed coffee = 415 milligrams

Each 1.5 ounce shot of espresso adds 77 milligrams 

POWDERED CAFFEINE



RECOMMENDED DOSE = 1/16 TEASPOON = 250 MG

384 DOSES IN BAG

May, 2014 death 1 tsp.
LaGrange, Lorain County

Jan 2015 – FDA issues warning
Sale likely to be banned.

RELAXATION BEVERAGES

Marketed as "Dietary Supplement" and not required to be tested for safety and effectiveness



Neuro Sleep (with melatonin) Warning - "Not recommended for children under 12 years, pregnant or nursing women. Will cause drowsiness. If you are taking any medications, consult your doctor before use. Discontinue use and consult your doctor if any adverse reactions occur. Do not drive, operate machinery or consume alcohol when taking this product."

L-theanine

-not enough scientific information to determine an appropriate range of doses
-natural products are not always necessarily safe

www.webmd.com

Prescription Drugs – stimulants

prescribed to treat ADD/ADHD
Adderall Ritalin Vyvanse Focalin



Schedule II drugs – F-4

A different study shows 13%
The Partnership at Drugfree.org and MattLife Foundation
2012

7.2%



Hallucinogen Molly

Ecstasy (MDMA) the powder or crystal form of MDMA
Molly - (short for "molecule")



The lyrics to Miley Cyrus' "We Can't Stop"

"We like to party
Dancing with Molly
Doing whatever we want."



Hallucinogens

3.1%



Psilocybin mushrooms ("magic mushrooms" "shrooms") are fungi that contain the psychoactive compounds psilocybin and psilocin.

2.8%



LSD



Hallucinogens 25i - synthetic acid

powders; liquid solutions; soaked onto blotter paper; and laced on edible items

Extremely small amounts of these drugs can cause seizures, cardiac and respiratory arrest, and death.



Inhalants



11.8%

9.9%

7.9%

5.5%

8th grade 10th grade 12th grade college students

Erowid is an online library of information about psychoactive plants and chemicals. It provides information about legal and illegal substances, including their desired and adverse effects.

Jimson weed  causes hallucinations and a heightened sense of well-being (euphoria)

Morning Glory Seeds  a person would have to ingest 100 to 300 morning glory seeds. The seeds can be ground up and ingested like a tea, chewed, or swallowed whole.

Nutmeg  "5-20 grams of ground nutmeg is ingested. Fresh ground is best."

www.erowid.org

Beezin'



Designer Drug -Synthetic Marijuana

- Synthetic cannabis is a psychoactive herbal and chemical product which, when consumed mimics the effects of cannabis..
- It is often marketed as "herbal incense".

Illegal effective October 17, 2011 Schedule 1 Drug Classification



Designer Drug – “Bath Salts”



Designer Drug - Bath Salts

stimulant like cocaine and methamphetamine
can lead to paranoia, hallucinations and delusions



Illegal effective October 17, 2011
Schedule 1 Drug Classification

Cocaine



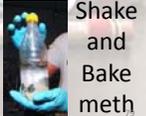
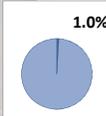
2.7%



Methamphetamine

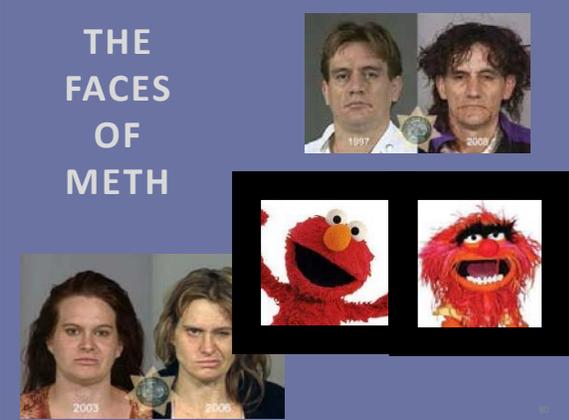


1.0%



Shake and Bake meth

THE FACES OF METH



1997 2009

2003 2006

OJJDP Office of Juvenile Justice and Delinquency Prevention
Working for Youth Justice and Safety

2011 1.5 million juvenile arrests

1. Theft/Receiving	267,000
2. Assault	231,000
3. Drug Abuse	149,000
4. Disorderly Conduct	139,000
5. Liquor Laws	99,000
6. Curfew	77,000

LOCALLY?



Theft – most-often committed crime by youth

Why?

- Excitement and thrill
- Lack of impulse control
- Get money to buy drugs
- Ease of selling stolen items



Summit Mall
Southpark Mall
Canton Wal-Marts
Belden Village Mall

craigslist



CAUSE OF DEATH -ADULT

1. ACCIDENTAL DRUG OVERDOSE

33



CAUSE OF DEATH OF CHILDREN AGES 10-17 (1,441 FROM 2007-2011)

NON-MEDICAL EXTERNAL INJURIES

- #1. MOTOR VEHICLE ACCIDENT
- #2. WEAPONS
- #3. ASPHYXIA

34

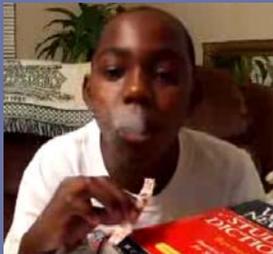
Choking Game

The "choking game" is defined as self-strangulation or strangulation by another person with the hands or a noose to achieve a brief euphoric state.



In 2008, the Center for Disease Control reported 82 deaths attributed to the choking game and other strangulation activities during the period 1995–2007; most victims were adolescent males aged 11–16 years.

"Smoking or Inhaling Smarties"



Cinnamon Challenge

Effects - coughing, choking, vomiting and hypoxia (deprivation of oxygen).
The cinnamon can be aspirated into the lungs.
www.drugfree.org



Baking Soda and Vinegar Challenge



Salt and Ice Challenge

Warning – next slide is graphic.

Pittsburgh Post-Gazette

June 29, 2012
Boy, 12, badly injured in 'salt-and-ice' challenge

The unidentified youth lay on his stomach during a sleep-over at his house as his brother and a friend put salt in the form of cross on his back, then put ice cubes atop the salt before applying pressure. The process causes almost immediate pain. The ill-advised challenge is to see how long you can withstand the pain.



FIRE CHALLENGE



KYLIE JENNER LIP CHALLENGE



DUCT TAPE CHALLENGE

Explosive Devices



Search results for how to make an explosive device
About 42,500 results

Vinegar, Mentos mints, baking soda, aluminum foil

Self-Mutilation

a coping mechanism which provides temporary relief of intense feelings such as anxiety, depression, stress, emotional numbness or a sense of failure or self-loathing and other mental traits including low self-esteem or perfectionism. Self-harm is most common in adolescence and young adulthood, usually first appearing between the ages of 12 and 24.



Sexting

electronically transmitting sexually explicit videos and/or photographs

Could be considered child pornography if anyone involved is under the age of 18 (taking the photo, being in the photo, transmitting the photo, receiving the photo)



57% have been asked to send naked image
31% asked others to send
28% have sent

Journal of the American Medical Association Sept, 2012

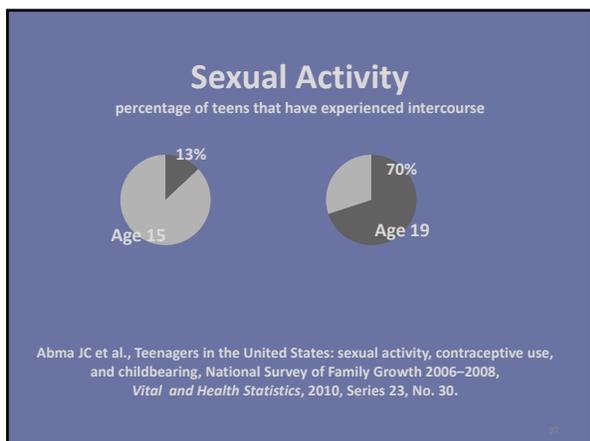
SUICIDE is the third-leading cause of death for 15- to 24-year-olds, according to the Centers for Disease Control and Prevention (CDC), after accidents and homicide.

2007-2011 5 year Ohio statistics
ages 10-14 53 suicides
ages 15-17 181 suicides

The risk of suicide increases dramatically when kids and teens have access to firearms.



Overdose using over-the-counter, prescription, and non-prescription medicine is also a very common method for both attempting and completing suicide.



Sex Bracelets and Rainbow Party Legends

Here's a common breakdown:

- Yellow: hugging
- Purple: kissing
- Red: lap dance
- Blue: oral sex
- Black: intercourse

Dating Violence

Nearly 10% of high school students report being hit, slapped, or physically hurt on purpose by their boyfriend or girlfriend.

Centers for Disease Control and Prevention, 2011 Youth Risk Behavior Survey

Teen violence

If you see these immediate warning signs, violence is a serious possibility:

- loss of temper on a daily basis
- frequent physical fighting
- significant vandalism or property damage
- increase in use of drugs or alcohol
- increase in risk-taking behavior
- detailed plans to commit acts of violence
- announcing threats or plans for hurting others
- enjoying hurting animals
- carrying a weapon

AMERICAN PSYCHOLOGICAL ASSOCIATION

Teen violence



Insane Clown Posse

Insane Clown Posse is a band that performs a style of hardcore hip hop known as horrorcore (music with horror-themed lyrical content and imagery) and is known for its elaborate live performances. ICP followers are "Juggalos".



Teen Drivers

- speed
- 2 or more passengers
- night driving
- not wearing a seat belt
- Alcohol
- Distracted driving





Wesley
November 6, 2011
19 years old
Copley High
School
class of 2010



Patrick
March 20, 2011
19 years old
Revere High
School
class of 2010



What to do?

Snoop!



107

Children are less at-risk when parents communicate their expectations.

Delay onset of use of alcohol/drugs.

They should know what to do in risky situations



Parenting Teens Section

PARTNERSHIP FOR A DRUG-FREE AMERICA AND METLIFE FOUNDATION 2009
Parents and Teens Attitude Tracking Study Report

108

What to do?

LIMIT ACCESS



PARENTS WHO HOST LOSE THE MOST
Don't be a party to someone's drinking. It's against the law.

Drug collection boxes at many Police Departments

109

What to do?

Explore usage controls,
phone apps and internet
monitoring tools

- Verizon "FamilyBase"
- Sprint "Family Safety Essentials"
- AT & T "Smart Controls"
- T-Mobile "Family Allowances"
- Time Warner and AOL "Parental Controls"
- Frontier "Secure Max"



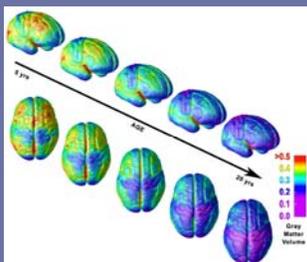
COUNSELING

Ohio Mental Health and Addiction Services
at www.mha.ohio.gov
for list of providers by county.

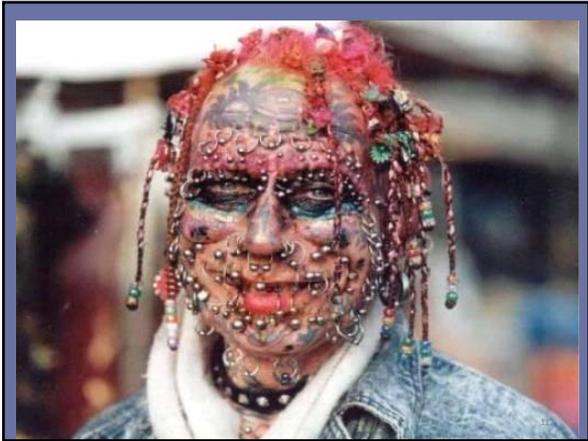
Refer to "Notes and Conclusion Page"
for helpful websites and local resources.

for parents of addicts Families Anonymous/Al-Anon
www.familiesanonymous.org
www.al-anon.alateen.org
Brandon Snyder 330-620-7518

The brain
continues to
develop into mid
20s with
adolescence being
a time of great
change.



www.drugabuse.gov National Institute on Drug Abuse







Wednesday, September 7 at 6pm, Mayfield High School, 6116 Wilson Mills Road, Mayfield Village

Tuesday, September 13 at 6pm, Medina High School, 777 E. Union Street, Medina

Tuesday, October 11 at 6:00pm, Tuslaw High School, 1847 Manchester Ave NW, Massillon

Thursday, October 27 at 6:00pm, Visintainer Middle School, 1459 Pearl Road, Brunswick

Contact Numbers



Officer Paul Webb
Officer Sarah Shendy
330-666-4218

Lisa Baker
330-666-3736

Marcie Mason

Copy of PowerPoint handout ebaker@bathtownship.org
