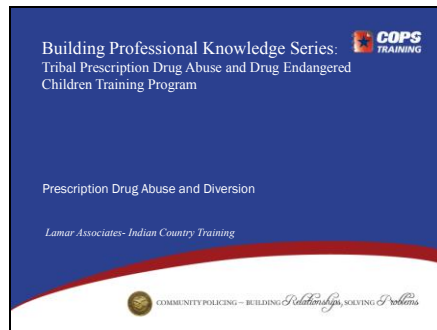
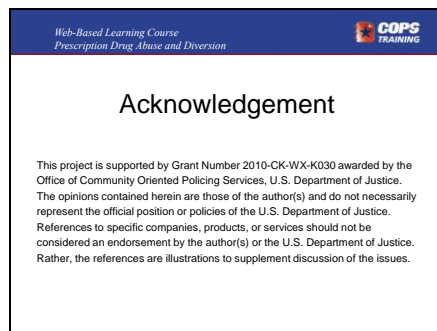


Slide 1



## Building Professional Knowledge Series: Prescription Drug Abuse and Diversion

Slide 2



Slide 3



Slide 4

Web-Based Learning Course  
Prescription Drug Abuse and Diversion

**COPS TRAINING**

### Training Goal

- This is an introductory course to provide awareness of prescription drug abuse and diversion and over the counter drug abuse.

Course Objectives

This is an introductory course to provide awareness of prescription drug abuse and diversion and over the counter drug abuse.

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Web-Based Learning Course  
Prescription Drug Abuse and Diversion

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### Learning Objectives

- What is the national impact of prescription drug abuse?
- What is the impact of prescription drug abuse in Tribal communities?
- What is prescription drug abuse?
- How are prescription drugs diverted?
- What are the signs and symptoms of abuse?

Learning Objectives:

What is the national impact of prescription drug abuse?

What is the impact of prescription drug abuse in Tribal communities?

What is prescription drug abuse?

How are prescription drugs diverted?


What are the signs and symptoms of abuse?

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Prescription Drug Abuse and Diversion

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- According to the Office of National Drug Control Policy (ONDCP) the abuse of prescription drugs to get high has become increasingly prevalent.
- Past year abuse of prescription pain killers now ranks second—only behind marijuana—as the Nation's most prevalent drug problem.



According to the Office of National Drug Control Policy (ONDCP) the abuse of prescription drugs to get high has become increasingly prevalent among teens and young adults.

Past year abuse of prescription pain killers now ranks second—only behind marijuana—as the Nation's most prevalent illegal drug problem.


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Prescription Drug Abuse and Diversion

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### What is the national impact of prescription drug abuse?

- Approximately 6.9 million individuals aged 12 or older are current **nonmedical users** of prescription-type psychotherapeutic drugs.
- These drugs include:
  - Opioid pain relievers
  - Tranquilizers
  - Sedatives
  - Stimulants



Source: Substance Abuse and Mental Health Services Administration (SAMHSA) 2007 National Survey on Drug Use and Health

What is the national impact of prescription drug abuse?

Approximately 6.9 million individuals aged 12 or older are current **nonmedical users** of prescription-type psychotherapeutic drugs.


These drugs include:

Opioid pain relievers  
Tranquilizers  
Sedatives  
Stimulants

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Prescription Drug Abuse and Diversion

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- Prescription stimulants are abused primarily by young adults who reportedly use the drugs in an attempt to enhance their academic, professional, or athletic performance.
- In 2006, the State of Montana reported 321 prescription drug abuse overdose deaths- the highest cause of death for citizens.

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In 2006, the State of Montana reported 321 prescription drug abuse overdose deaths- the highest cause of death for citizens.


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Prescription Drug Abuse and Diversion

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### What is the impact of prescription drug abuse in Tribal communities?

- According to the Substance Abuse and Mental Health Administration (SAMHSA), Native Americans are the second highest race for Nonmedical Use of Any Prescription Psychotherapeutic Drug.
- Diverted pharmaceutical abuse throughout Indian Country account for a significant number of drug-related treatment admissions.



Source: Indian Country Drug Threat Assessment, National Drug Intelligence Center 2008

What is the impact of prescription drug abuse in Tribal communities?

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Diverted pharmaceutical abuse throughout Indian Country account for a significant number of drug-related treatment admissions.


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Prescription Drug Abuse and Diversion

**What is the impact of prescription drug abuse in Tribal communities?**

2010 Drug Use Survey reports that American Indians or Alaska Natives have

- The highest rate of substance dependence or abuse (among ages 12+) at 16.0%.



Source: Indian Country Drug Threat Assessment, National Drug Intelligence Center 2008

What is the impact of prescription drug abuse in Tribal communities?

According to the Substance Abuse and Mental Health Administration (SAMHSA), Native Americans are the second highest race for Nonmedical Use of Any Prescription Psychotherapeutic Drug.


Diverted pharmaceutical abuse throughout Indian Country account for a significant number of drug-related treatment admissions.

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Prescription Drug Abuse and Diversion

**What is the impact of prescription drug abuse in Tribal communities?**

- The diversion of pharmaceutical drugs is an increasing concern of law enforcement on most reservations in Indian Country.
- "The abuse of illicit drugs by American Indians varies regionally, ...increasingly, diverted pharmaceuticals pose a greater problem to some Native American communities than methamphetamine."



Indian Country Drug Threat Assessment, National Drug Intelligence Center 2008

The diversion of pharmaceutical drugs is an increasing concern of law enforcement on most reservations in Indian Country.

"The abuse of illicit drugs by American Indians varies regionally, ...increasingly, diverted pharmaceuticals pose a greater problem to some Native American communities than methamphetamine."

Indian Country Drug Threat Assessment, National Drug Intelligence Center 2008

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Prescription Drug Abuse and Diversion

**Contemporary Issues**

- Prescription Drug Abuse is a complex problem for many tribal communities because of:
  - Lack of Prescription Drug Monitoring Systems to record and track abusers who doctor shop at health clinics on and off the reservation.
  - Lack of or ineffective pain management practices
  - Opioid addiction occurs with patients with legitimate serious injuries who are waiting for surgery or specialized medical treatment.

Results from the 2010 National Survey on Drug Use and Health

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Prescription Drug Abuse and Diversion

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### What is prescription drug abuse?

- Prescription drug abuse is defined as:
  - They are used in a manner inconsistent with their labeling
  - For reasons they were not prescribed, or
  - Used by someone other than the prescribed person.

What is prescription drug abuse?

Prescription drug abuse is defined as:

They are used in a manner inconsistent with their labeling

For reasons they were not prescribed, or

Used by someone other than the prescribed person.


National Association of Drug Diversion Investigators (NADDI)

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Prescription Drug Abuse and Diversion

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- Some people think that prescription drugs are safer and less addictive than street drugs.
- But prescription drugs are only safe for the individuals who actually have prescriptions for them.
- The National Institute of Health estimates that nearly 20 percent of people in the United States have used prescription drugs for non-medical reasons.



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Prescription Drug Abuse and Diversion

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### What types of prescription drugs are abused?

- The most commonly used prescription drugs fall into three classes:
  1. **Opioids**
  2. **Central Nervous System (CNS) Depressants**
  3. **Stimulants**

What types of prescription drugs are abused?

The most commonly used prescription drugs fall into three classes:

- Opioids
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- Stimulants

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Prescription Drug Abuse and Diversion

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### What are Opioids?

- **Medical uses:**
  - Opioids are used to treat pain or relieve coughs or diarrhea.
- **How they work:**
  - Opioids attach to opioid receptors in the central nervous system (the brain and the spinal cord), preventing the brain from receiving pain messages.

What are Opioids?

Medical uses:

Opioids are used to treat pain or relieve coughs or diarrhea.

How they work:

Opioids attach to opioid receptors in the central nervous system (the brain and the spinal cord), preventing the brain from receiving pain messages.


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### Example-

- Oxycodone (OxyContin)



OxyContin® Tablets

Example: Oxycodone (Oxycontin)


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### Examples

- Hydrocodone (Vicodin), and



- Meperidine (Demerol)



Examples:

Hydrocodone (Vicodin)

Meperidine (Demerol)

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### Symptoms of use: Opioids

- **Eyes**
  - Constricted pupils
  - Non-reactive pupils
  - Droopy eyelids
- **Depressive**
  - Slow motor skills
  - Slow respiration
- **Injection site**
  - Bleeding clear liquid
  - Raised pink area
  - Scabs
  - Scars
  - Multiple injection sites
  - Tattooing

Symptoms of Use:

Eyes

- Constricted pupils
- Non-reactive pupils
- Droopy eyelids

Depressive

- Slow motor skills
- Slow respiration

Injection site

- Bleeding clear liquid
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### Opioid Addiction Transition to Heroin

- Prescription Opioids Abused
  - Oxycontin
  - Hydrocodone
  - Vicodin
  - Methadone
  - Suboxone
- Heroin (Opioid)
  - Increasing availability and use in many Tribal communities.
  - Factors: price, availability, PDMP & pain management practices.

Results from the 2010 National Survey on Drug Use and Health

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Prescription Drug Abuse and Diversion

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### What are Central Nervous System (CNS) Depressants?

- **Medical uses:**
  - CNS depressants are used to treat anxiety, tension, panic attacks, and sleep disorders.
- **How they work:**
  - CNS depressants slow down brain activity by increasing the activity of a neurotransmitter called GABA. The result is a drowsy or calming effect.

What are Central Nervous System (CNS) Depressants?

Medical uses:

CNS depressants are used to treat anxiety, tension, panic attacks, and sleep disorders.

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**Examples**

- Pentobarbital sodium (Nembutal),
- Diazepam (Valium), and
- Alprazolam (Xanax)



Examples:

Pentobarbital sodium (Nembutal),  
Diazepam (Valium), and  
Alprazolam (Xanax)

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Prescription Drug Abuse and Diversion

**Symptoms of use: Depressants**

- Dilated or constricted pupils
- “Tracks”, needle marks
- Redness around nose or eyes
- Speech: thick, slurred, rambling
- Tremors of hands and fingers
- Disoriented, confused, uncoordinated
- Paranoia, delirium or high anxiety

Symptoms of use:

Dilated or constricted pupils  
“Tracks”, needle marks  
Redness around nose or eyes  
Speech: thick, slurred, rambling  
Tremors of hands and fingers  
Disoriented, confused, uncoordinated  
Paranoia, delirium or high anxiety

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**Stimulants**

- **Medical uses:**
  - Stimulants can be used to treat narcolepsy and ADHD.
- **How they work:**
  - Stimulants increase brain activity, resulting in greater alertness, attention, and energy.

Stimulants:

Medical uses:

Stimulants can be used to treat  
narcolepsy and ADHD.

How they work:

Stimulants increase brain activity,  
resulting in greater alertness, attention,  
and energy.




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**Examples**

- Methylphenidate (Ritalin)
- Amphetamine/dextroamphetamine (Adderall)



The image shows two boxes of medication. The top box is for Ritalin (methylphenidate hydrochloride) and the bottom box is for Adderall (amphetamine/dextroamphetamine). Both boxes show various pill counts and dosages.


Examples  
Methylphenidate (Ritalin)  
Amphetamine/dextroamphetamine (Adderall)

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Prescription Drug Abuse and Diversion

**Symptoms of use: Stimulants**

- Agitation, aggressive, paranoid
- Speed up central nervous system
- Increase body temp
- Increase respiration
- Inability to stand still or think clearly
- Hallucinations
- Needle marks



The image is a close-up of a human eye, showing the iris and pupil. The eye appears slightly red and dilated, which are common symptoms of stimulant use.


Symptoms of Use:  
Agitation, aggressive, paranoid  
Speed up central nervous system  
Increase body temp  
Increase respiration  
Inability to stand still or think clearly  
Hallucinations  
Needle marks

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Prescription Drug Abuse and Diversion

**Methods of Abuse**

- Pills are typically abused in the following manner:
  - Orally ingested
  - Crushed
    - Diluted to liquid form and injected
    - Powder form and inhaled
    - Powder form and smoked using tin foil or glass pipe.



The image shows a small pile of white powder and several crushed pills on a blue surface. This illustrates the physical state of drugs when they are crushed for abuse.

Methods of abuse of prescription drugs:  
Pills are typically abused in the following manner:  
Orally ingested  
Crushed


- Diluted to liquid form and injected
- Powder form and inhaled
- Powder form and smoked using tin foil or glass pipe.

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Prescription Drug Abuse and Diversion

**How are prescription drugs diverted?**

- Diverted CPDs are generally distributed by individuals, among friends and family, and through rogue Internet pharmacies.




How are prescription drugs diverted?  
Diverted CPDs are generally distributed by individuals, among friends and family, and through rogue Internet pharmacies.

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Prescription Drug Abuse and Diversion

**Diversion**

- Traditional diversion methods are:
  - Doctor-shopping
  - Theft
  - Forged prescriptions
  - Unscrupulous physicians and pharmacists working alone or in association
- Controlled prescription drugs are also diverted through Internet sales by rogue Internet pharmacies



Diversion:  
Traditional diversion methods are:  
Doctor-shopping  
Theft  
Forged prescriptions  
Unscrupulous physicians and pharmacists working alone or in association  
Controlled prescription drugs are also diverted through Internet sales by rogue Internet pharmacies

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**Prevention**

- Safeguard all drugs at home. Monitor quantities and control access.
- Set clear rules for teens about all drug use, including not sharing medication and always following the medical provider's advise and dosages.
- Be a good role model by following these same rules with your own medicines.

Prevention:  
Safeguard all drugs at home. Monitor quantities and control access.  
Set clear rules for teens about all drug use, including not sharing medication and always following the medical provider's advise and dosages.  
Be a good role model by following these same rules with your own medicines.  
Source: Parents. The Anti-Drug

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### Prevention

- Properly conceal and dispose of old or unneeded medicines in the trash.
- Ask friends and family to safeguard their prescription drugs as well.

Prevention:  
Properly conceal and dispose of old or unneeded medicines in the trash.  
Ask friends and family to safeguard their prescription drugs as well.

Source: Parents. The Anti Drug

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### RESOURCES

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Prescription Drug Abuse and Diversion

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### Resources: Prescription Drug Abuse

 [www.ProjectDrugDrop.com](http://www.ProjectDrugDrop.com) Assists law enforcement with information, guidance, and directional support to develop and implement the best drug disposal strategies for their communities.

 [www.deadiversion.usdoj.gov](http://www.deadiversion.usdoj.gov) A event designed to reduce the availability prescription drugs that are either no longer needed or outdated. Law enforcement takes control of and destroys drugs.


 <http://www.fda.gov/Drugs/ResourcesForYou>  
Information about proper disposal of unused medicines in the home and take back programs.

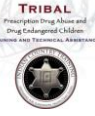
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### Resources: Prescription Drug Abuse

 <http://www.cops.usdoj.gov/ric/ResourceDetail.aspx?RID=158> DOJ COPS problem oriented policing publication on prescription drug fraud.

 [Tribal Prescription Drug Abuse and Drug Endangered Children Website](#)  
Tuition-free regional, online, and webinar training and technical assistance provided by Lamar Associates-Indian Country Training supported by the DOJ-COPS Office.

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 **Tribal** Prescription Drug Abuse and Drug Endangered Children Training and Technical Assistance

Tribal Prescription Drug Abuse and Drug Endangered Children.  
Tuition-Free Training and Technical Assistance.

Click and Pick Resources

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### Resources:

#### Safeguarding Medication

- (Logo is hyperlinked)



Resources:  
Safeguarding medication

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Prescription Drug Abuse and Diversion

**Resources**

- National Institute of Drug Abuse (NIDA)
  - [www.nida.nih.gov/drugpages/prescription.html](http://www.nida.nih.gov/drugpages/prescription.html)
- U.S. Department of Health and Human Services (SAMHSA)
  - [www.oas.samhsa.gov/prescription.htm](http://www.oas.samhsa.gov/prescription.htm)
- The White House Office of National Drug Control Policy (ONDCP)
  - <http://www.whitehousedrugpolicy.gov/index.html>
- DEA Office of Diversion Control
  - [www.deadiversion.usdoj.gov](http://www.deadiversion.usdoj.gov)
- Partnership for a Drug-Free America
  - [www.drugfree.org](http://www.drugfree.org)
- National Association of Drug Diversion Investigators(NADDI)
  - [www.naddi.org](http://www.naddi.org)

—National Institute of Drug Abuse (NIDA)

➤ [www.nida.nih.gov/drugpages/prescription.html](http://www.nida.nih.gov/drugpages/prescription.html)

—U.S. Department of Health and Human Services (SAMHSA)

➤ [www.oas.samhsa.gov/prescription.htm](http://www.oas.samhsa.gov/prescription.htm)

—The White House Office of National Drug Control Policy (ONDCP)

➤ <http://www.whitehousedrugpolicy.gov/index.html>

—DEA Office of Diversion Control

➤ [www.deadiversion.usdoj.gov](http://www.deadiversion.usdoj.gov)

—Partnership for a Drug-Free America

➤ [www.drugfree.org](http://www.drugfree.org)

—National Association of Drug Diversion Investigators(NADDI)

➤ [www.naddi.org](http://www.naddi.org)

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Prescription Drug Abuse and Diversion

**Conclusion**


- By becoming more informed you have completed an important step in awareness and prevention.
- Please complete the post-course quiz to demonstrate your comprehension of prescription drug abuse and diversion.

Conclusion

Becoming more informed you have completed an important step in awareness and prevention. Please complete the post-course quiz to demonstrate your comprehension of prescription drug abuse and diversion

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Prescription Drug Abuse and Diversion

 **COPS**  
TRAINING

### Congratulations

Thank you for completing this course. By becoming more informed you have completed an important step in awareness and prevention.

Please complete the course evaluation, then you may then print your certificate of completion.

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Thank you for completing this course. By becoming more informed you have completed an important step in awareness and prevention.

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