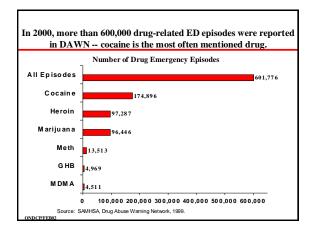
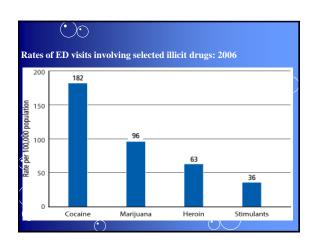


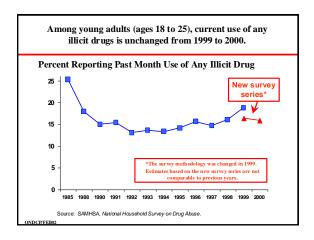
Health Care Cost Components

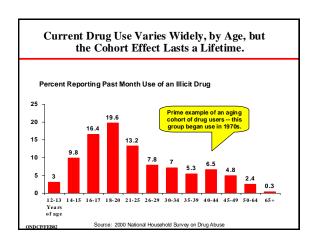
- Community-based specialty treatment
- Federally provided specialty treatment
- Support for drug abuse related services
- ◆ Medical consequences of drug abuse
 - ightharpoonup hospital and ambulatory care
 - ⇒special disease costs
 - →crime victim health care costs
 - →health administration costs

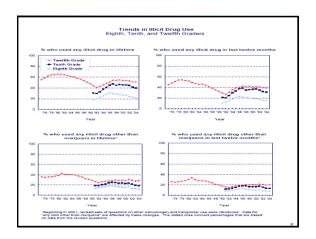
OND CP/FEB0







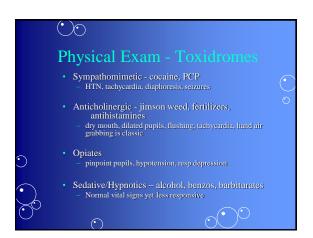




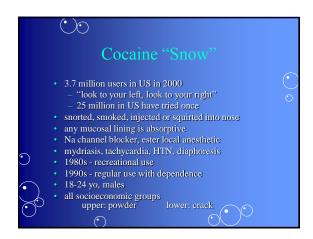
The need for screening Injury is strongly related to substance abuse Hospitals do NOT routinely screen trauma patients - 1989 survey - 62% BAC, 39% drugs - 1989 survey - 62% BAC, 39% drugs - Patients with diseases have the right to expect hospitals to seek the underlying causes of their illnesses, and hospitals and physicians are responsible for doing so

\odot				
NIH facts				
• Rivara et al., 1993				
 2,500 trauma patients followed for 18 months after their injury 	0			
• patients who were intoxicated at the time of the initial injury were 2.5 times more likely than other patients in this group to sustain a second injury during the 18-month period				
those who were found to have chronic alcohol/drug use were 3.5 times more likely				









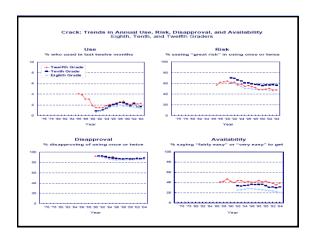
	\odot							
	Pharmacokinetics of cocaine							
	Route	Onset	Peak Absorption	Duration () o			
	Injected	Seconds	3-5 minutes	15-30 min				
0	Insufflation	1-3 min	20-30 min	60-90 min				
(•)-	GI	Variable	60-90 min	>180 min				
	\circ							



Cocaine (3) "Blow" • Myocardial ischemia - may not develop CP for 24-72 hrs - myocardial depression of depolarization - vasoconstriction, tachycardia, HTN, plt aggregation, thrombus formation - EKG sensitivity 35% (high false-negatives) - complications usually within 12 hrs, uncommon, AMI rate 5%, arrhythmias, CHF - Very low mortality (if any) in studies Hollander JE, Hoffman RS, Burstein JL, et al. Cocaine-associated myocardial infarction. Arch Intern Med 1995;155(10):1081-1086.





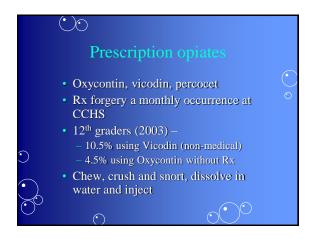


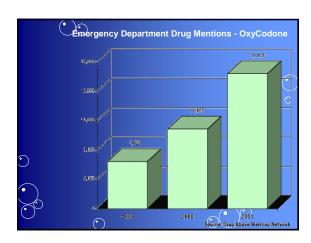




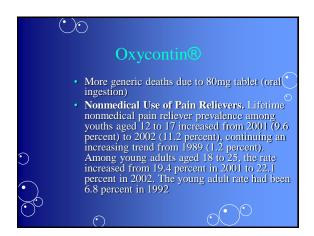


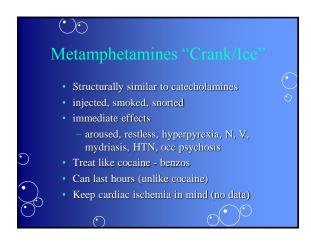




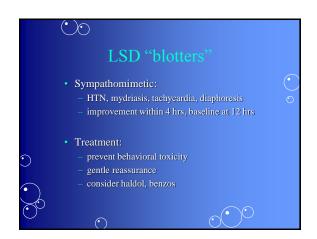




















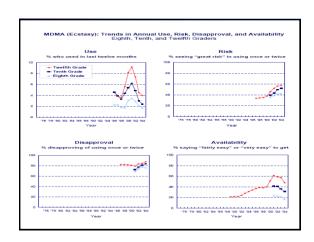




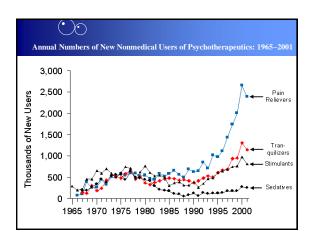




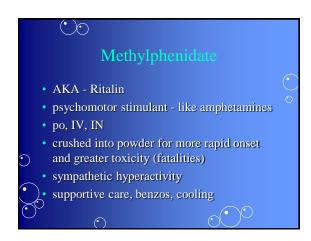
















Bath Salts "Ivory Wave" • The substances sold as "bath salts" and "plant food" products are based on the Schedule I controlled substance cathinone, which is a potent central nervous system stimulant • They are not typical bath salts and have absolutely nothing in common with actual bath salts

Bath Salts "White Lightening" • Products are sold in a powder or capsule form that can be easily ingested – it can be snorted, smoked, injected and even mixed with water and consumed • Product can be found in convenience stores, discount tobacco outlets, gas stations, pawnshops, tattoo parlors, truck stops and other locations

Bath Salts "Bliss" • Cathinone is an active ingredient in the leaves of the khat plant, native to Africa • These synthetic substances are suspected to be manufactured in bulk quantities in countries such as China, Pakistan, and India, and some of the actual products may be packaged for wholesale distribution in intermediate locations such as Eastern Europe









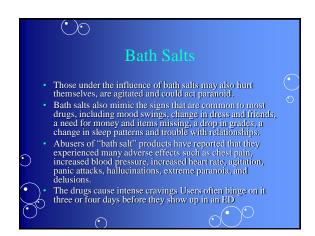


Bath Salts • mephedrone causes euphoria, stimulation, an enhanced appreciation for music, an elevated mood, decreased hostility, improved mental function and mild sexual stimulation • similar to the effects of cocaine, amphetamines and MDMA • effects last different amounts of time, depending on the way the drug is taken











(•) _{\(\cdot\)}	
Bath Salts	
 In 2010, poison control centers in the United 	
States received 302 calls regarding bath salts. In January 2011, US poison control centers had	
already received 2,237 calls regarding bath salts	
• Entire 2011 - 13,000 calls!	
There have been reports in the media of overdoses	
from ingestion of "bath salt" products which resulted in emergency room visits,	
hospitalizations, and severe psychotic episodes,	
some of which have led to violent outbursts, self-	
inflicted wounds, and, in at least one instance, suicide	
suicide ()	
(•)6	
Bath Salts	
Dani Saits	
In Blair County, at least one death has been attributed to a	
bath salts overdose. In another incident, two friends high on bath salts reportedly fought, stabbing at each other, over	
another container of the product. It also was reported last	
week a man high on bath salts in Scranton broke into a church monastery and stabbed a priest.	
*A Lebanon County woman was using bath salts, which	
contain a synthetic drug, and got behind the wheel with a	
toddler in the car. Witnesses reported "an erratic driver who had run a red light and was banging her head against	
the steering wheel."	
(•)6	
Bath Salts	
Dath Baits	
• As of April 15, 2011, two of the chemicals used in	
making MDPV have been banned in 7 states,	
including Louisiana, Florida, Alabama,	
Mississippi, North Dakota, Washington and New	
Jersey. • One of the chemicals used in MDPV have been	
banned in 10 more states, including, Idaho, Utah,	
Wyoming, New Mexico, Arkansas, Kentucky,	
Michigan, Virgina, West Virginia and North	
Carolina. Similar measures are pending in Hawaii.	
(*)	

Bath Salts • The trend in the development, distribution, and consumption of this class of substances in Europe has resulted in the United Kingdom and Germany banning products containing these substances • *DEA temporarily labelled MDPV as a Schedule I controlled substance • U.S. Reps. Charlie Dent and Pat Meehan are pushing for a federal ban on bath salts







