



New Jersey School Board Presentation



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U.S. Drug Enforcement Administration New Jersey Division



DRUG TRENDS

DRUG OVERDOSES

KILL MORE

THAN CARS, GUNS, AND FALLING.



Falling 26,852 deaths



Guns 33,599 deaths



Traffic accidents 35,398 deaths



Drug overdoses 49,714 deaths*

*30,006 of which were unintentional.

Source: CDC Wide-ranging OnLine Data for Epidemiologic Research (WONDER) on Mortality; <http://wonder.cdc.gov/mortsql.html> (2014)



Overview

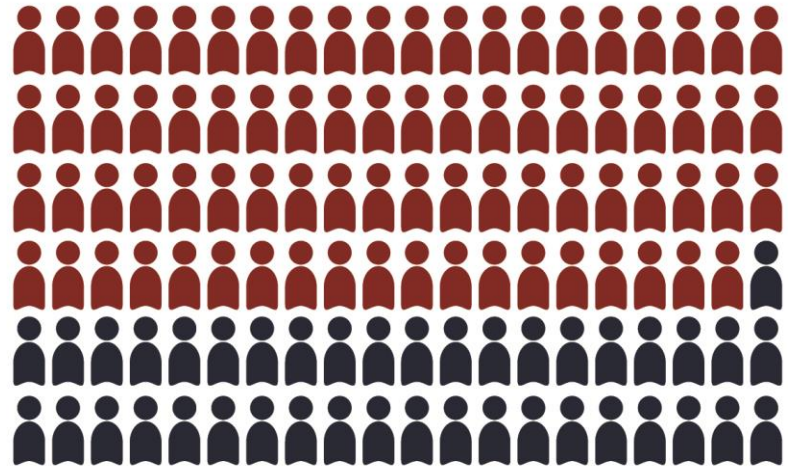
**Heroin/
Prescription
Opioid
Overdose
Epidemic:**

174

Drug overdose
deaths per day

66%

of those deaths are
pharmaceutical
opioids or heroin
related



Source: Center for Disease Control (CDC)

Epidemic Fueled by:

Demand: Opioid Cycle that Leads to Heroin

Supply: Mexican Cartels to Violent Gang

Distribution Networks



In the United States



- 174 Americans die from drug overdose **EACH DAY.**
- 66,817 People **died** from drug overdose for the 12 months ending June 2017
- **16.3%** increase in overdose deaths between June 2016 and June 2017
- **2 Million** Americans had a substance use disorder involving prescription pain relievers in 2015 alone.
- 92,100 children in the foster care system in FY 2016, whose removal from the home was due to circumstances involving parental drug abuse.

1. Centers for Disease Control and Prevention, NCHS Data Brief No. 294, December 2017 <https://www.cdc.gov/nchs/data/databriefs/db294.pdf>

2. Centers for Disease Control and Prevention; National Vital Statistics System; Provisional Drug Overdose Death Counts, January 8, 2018 <https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm>;

3. Centers for Disease Control and Prevention; National Vital Statistics System; Provisional Drug Overdose Death Counts, January 8, 2018 <https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm>

4. Center for Behavioral Health Statistics and Quality; 2015 National Survey on Drug Use and Health; Publication No. SMA 16-4984 <http://www.samhsa.gov/data/>

5. U.S. Department of Health and Human Services' Adoption and Foster Care Analysis and Reporting System, October 20, 2017





SOCIETAL ISSUE

- In an article by CBS Atlanta, the Mayo Clinic has reported that nearly 70% of Americans are taking at least one prescription drug and more than 50% are on at least two prescriptions. Twenty percent are on at least five prescription drugs.
- Americans consume 80% of all prescription painkillers worldwide.
- In 2015, doctors nationwide issued over 184 million prescriptions for opioid analgesics, enough to put approximately 100 pills into every household's medicine cabinet



HOW DID WE GET HERE?

A Perfect Storm

1. Pain Revolution – Increase use of opiate narcotics as a means of treating chronic pain
2. Marketing by pharmaceutical companies
3. Mexican Trafficking Organizations



PAIN – THE 5TH VITAL SIGN

PAIN ASSESSMENT TOOL



No Pain

Mild

Moderate

Severe

Very Severe

Worst Pain Possible



0

1-3

4-6

7-9

10





Drug Enforcement Administration

MARKETING BY PHARMACEUTICAL COMPANIES

- 1995 – Food and Drug Administration approved the opioid analgesic OxyContin, manufactured by Purdue Pharma
- OxyContin hit the market in 1996
- First year of sales: \$45 million dollars
- 2000 - \$1.1 billion dollars in sales, a 2000% increase in four years
- 2010 – Profits of \$3.1 billion dollars.



New Jersey Drug Environment

- New Jersey's heroin overdose death rate is nearly **triple** the U.S heroin overdose death rate.
- **Since 2004, more than 6,000 people have died from heroin related drug overdoses.**
- **1,587 accidental overdose deaths in New Jersey in 2015. Of those, 918 were related to heroin/opioids.**
- **Estimates from 2015 show there were at least 128,000 people using heroin in NJ.**



South Jersey Drug Related Deaths

<u>County</u>	<u>2015</u>	<u>2016</u>	<u>% Increase</u>
Atlantic	85	171	101%
Burlington	87	96	10%
Camden	191	200	5%
Cape May	32	32	0%
Cumberland	38	53	39%
Gloucester	65	88	35%
Mercer	59	59	0%
Ocean	157	253	61%
Salem	18	18	0%

**All information is subject to further review and analysis, in part due to delayed reporting or implementation of new systems or programs by the various forensic labs.*



South Jersey Addiction



- 55% of all South Jersey substance abuse treatment admissions reported their primary drug as **“Heroin”** and **“Other Opiates”**.

County of Residence	Primary Drug														Total	
	Alcohol		Cocaine/ Crack		Heroin		Other Opiates		Marijuana/ Hashish		Other Drugs		Unknown		N	%
	N	%	N	%	N	%	N	%	N	%	N	%	N	%		
Atlantic	937	5	171	5	2587	8	366	7	534	5	105	5	5	3	4705	6
Burlington	903	4	148	4	1319	4	289	6	327	3	100	4	4	2	3090	4
Camden	1266	6	383	11	2981	9	627	13	1001	9	335	14	6	4	6599	9
Cape May	603	3	70	2	976	3	185	4	237	2	56	2			2127	3
Cumberland	503	2	125	3	858	3	113	2	265	2	42	2	4	2	1910	3
Gloucester	621	3	186	5	1484	5	346	7	253	2	84	4	8	5	2982	4
Mercer	844	4	234	7	1167	4	191	4	598	5	90	4	6	4	3130	4
Ocean	1966	10	224	6	3581	11	548	11	773	7	138	6	14	8	7244	1
Salem	124	1	39	1	260	1	58	1	111	1	21	1			613	1



Teens and Their Attitudes

- Every day 2,500 teens use prescription drugs to get high for the first time.
- Many teens mistakenly believe that pharmaceuticals are safer than “street drugs” for a variety of reasons:
 - These are “medicines”
 - They can be obtained from doctors, pharmacies, friends or family members (trust factor)
 - It is not necessary to buy them from traditional “drug dealers” so it does not have the same stigma



Common Methods of Diversion

The Home Medicine Cabinet

Friends and Family...and it's *free*!!



Easy Access





Common Methods of Diversion

- **Doctor Shopping**
 - Drug rings
 - Forged / fraudulent / altered prescriptions
- **Practitioners / Pharmacists**
 - Illegal distribution
 - Self abuse
 - Trading drugs for sex
- **Pharmacy / Other Theft**
 - Armed robbery
 - Burglary (Night Break-ins)
 - In Transit Loss (Hijacking)
- **Employee Pilferage**
 - Hospitals
 - Practitioners' offices
 - Nursing homes
 - Retail pharmacies
 - Manufacturing / distribution facilities
- **The Internet*****
- **Pain Clinics*****



Pharmaceutical Opiates to Heroin

Oxycodone 30mg



Average street value
\$30 per pill

Heroin



Street Value
approximately
\$55 a gram

Heroin Bag



Average street value
\$5 per bag





Popular Prescription Drugs of Abuse

- **Oxycodone**
 - OxyContin[®]
 - Percocet/Percodan
- **Oxymorphone**
 - Opana
- **Amphetamine Mix**
 - Adderall[®]
- **Hydrocodone**
 - Vicodin
 - Norco
 - Lortab
- **Alprazolam**
 - Xanax
- **Suboxone**
- **Valium**

Heroin use is part of a larger substance abuse problem.

Nearly all people who used heroin also used at least 1 other drug.

Most used at least **3** other drugs.

Heroin is a highly addictive opioid drug with a high risk of overdose and **death** for users.

People who are addicted to...



ALCOHOL

are

2x



MARIJUANA

are

3x



COCAINE

are

15x



Rx OPIOID PAINKILLERS

are

40x

...more likely to be addicted to heroin.



Vital^{CDC}signs™



How has heroin use & trafficking changed?

- Higher in purity, lower in price
- Commonly inhaled
- User population more diverse
- Largely controlled by Mexican traffickers
- CPD abuse contributing to heroin use
- Emerging fentanyl threat



TEEN USE OF DRUGS

- Why are Teens Using Heroin?
 - Many teens start out using prescription drugs. The main reasons reported in a recent survey by the Partnership for a Drug Free America show:
 - 73% of teens reported school stress as the number one reason
 - Social acceptance and/or low self esteem
 - Self medication
 - Misinformation – they believe it is safe to try a drug only once and that prescription drugs are safer than other illegal drugs
 - Ease of access
 - Curiosity
 - Boredom



SIGNS AND SYMPTOMS OF HEROIN USE

- Behavioral changes
- Hyperactivity followed by fatigue
- Disorientation
- Irresponsibility at work or school
- Lying
- Wearing long sleeve shirts and pants even during warm weather
- Increased sleeping
- Slurred speech
- Track marks on arms or legs
- Weight loss
- Constant runny nose
- Scabs or bruises due to picking at the skin



Naloxone Administrations

- South Jersey observed a **40%** increases in naloxone administrations from 2016 to 2017.
 - Indicating a **40%** increase in suspected* drug-related overdoses.
 - Camden County observed a **127%** increase in naloxone administrations.

LE & EMS Naloxone Administrations Combined			
County	2016	2017	% Change
Atlantic	800	955	19%
Burlington	653	914	40%
Camden	1098	2493	127%
Cape May	226	249	10%
Cumberland	283	461	63%
Gloucester	574	797	39%
Mercer	388	504	30%
Ocean	977	621	-36%
Salem	98	147	50%
Total	5097	7141	40%

**All information is subject to further review and analysis, in part due to delayed reporting or implementation of new systems or programs by the various forensic labs.*



Statewide Drug Harm Index

Drug Harm Index Rankings: 1/1/2015 to 9/30/2017

County	Suspected Heroin Submissions	Analyzed Heroin Glassine Bags	Fentanyl Submissions	LE & EMS Naloxone Administrations	*Drug Deaths	Drug-Related Arrests		Theft Arrests	Shooting Incidents	Sum of Categories	Final Rank
						Distribution	Possession				
Essex	2	1	4	2	1	1	1	1	1	14	1
Camden	1	8	1	1	2	2	2	4	2	23	2
Passaic	4	2	7	12	9	3	7	7	5	56	3
Monmouth	6	6	5	8	4	7	4	6	10	56	4
Middlesex	9	9	8	3	5	5	6	3	11	59	5
Union	5	7	2	9	11	9	5	9	6	63	6
Ocean	3	3	6	5	3	10	8	11	14	63	7
Atlantic	7	4	3	4	6	11	14	8	7	64	8
Bergen	10	11	13	10	8	6	3	2	13	76	9
Hudson	11	10	16	11	7	4	11	5	4	79	10
Mercer	8	5	12	13	13	8	12	12	3	86	11
Burlington	13	16	9	6	10	12	9	10	9	94	12
Gloucester	15	18	10	7	12	13	10	14	16	115	13
Cumberland	16	14	15	14	15	15	15	13	8	125	14
Morris	14	15	11	16	14	14	13	15	18	130	15
Cape May	12	12	14	15	17	16	17	17	17	137	16
Somerset	18	13	17	17	16	19	16	16	15	147	17
Sussex	17	17	18	20	18	17	18	20	19	164	18
Salem	21	21	21	19	21	18	20	18	12	171	19
Warren	19	20	19	18	19	21	19	19	20	174	20
Hunterdon	20	19	20	21	20	20	21	21	21	183	21

*Source: New Jersey Office of the State Medical Examiner, 1/1/2015 to 6/30/2016.



Synthetic Drugs



Emerging Fentanyl Threat

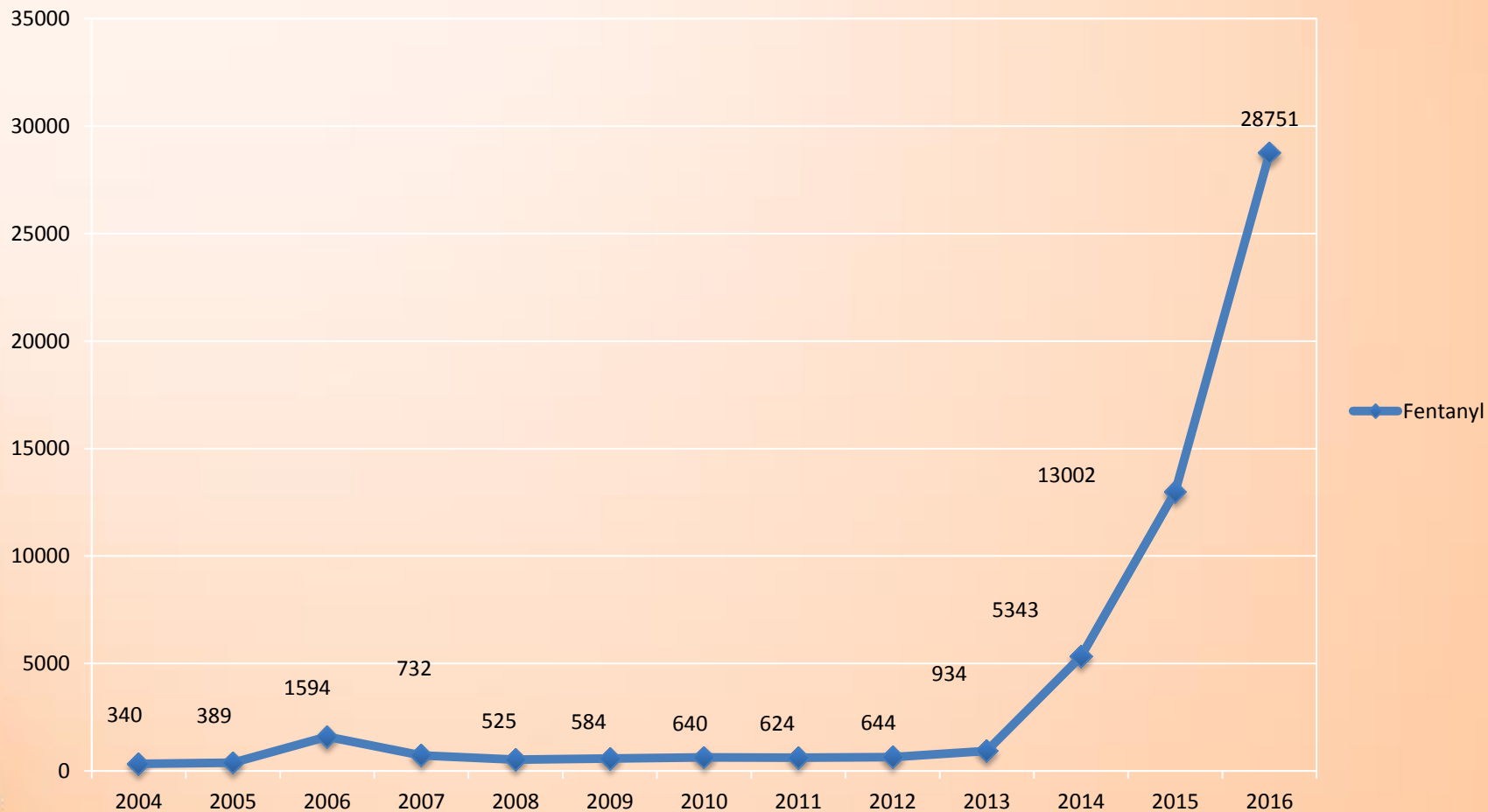
- Fentanyl is 50-100 times more potent than morphine.
- High potency increases risk of overdose
- Users don't know what they're taking. Increase of overdose deaths due to Fentanyl.
- Increased availability.
- Marketed as prescription opioids.
- Fentanyl Deaths Camden County: 2014 = 12, **2015 = 53**





National Forensic Laboratory Information System

Number of Fentanyl Exhibits from 2004-2016





U-47700 ("Pink")

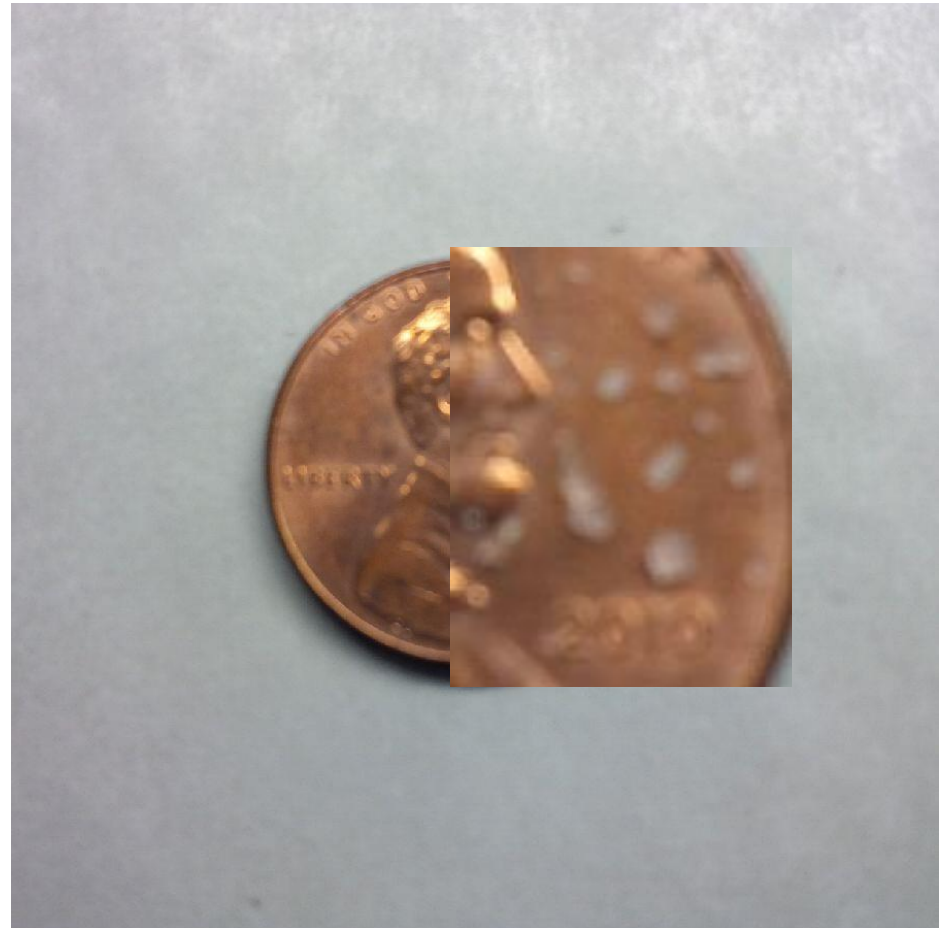
- **Synthetic opioid 7-10 times stronger than heroin**
- **Multiple overdose deaths across state in 2016**
- **Sold online as a "research chemical"**





Carfentanil

- **Synthetic opioid**
10,000 times stronger
than heroin
- **Analgesic used to**
treat elephants &
rhinos
- **Sold online as a**
“research chemical”
- **Still NOT the worst one**
in the fentanyl ‘family’





What We Are Seeing

**Looks like Pez candy but contained
acetylfentanyl, pentanoyl fentanyl**



**Methoxyacetyl fentanyl -
emergency scheduled in
September 2017**



Saline Nasal Spray

Fentanyl mixed with nasal sprays

- Available for sale on dark net
- Reported in ND, LA, MN
- Purported dosage ~1mg Fentanyl / mL

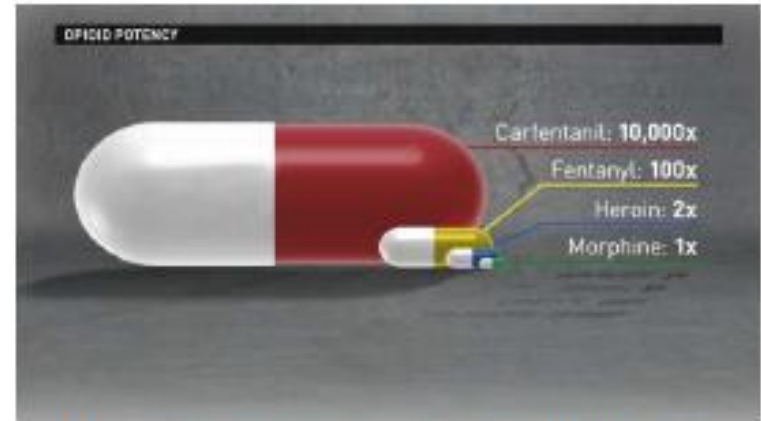




Public Awareness

Fake Prescription Pills Containing Dangerous Drugs

- During 2017, forensic laboratories in New Jersey have identified a large amount of imitation prescription pills containing dangerous drugs.
- So far this year, law enforcement in NJ have seized over 500,000 fake prescription pills that have actually contained highly potent opioids, including heroin and fentanyl class compounds.
- Recently, carfentanil was identified in what appeared to be a legitimate prescription oxycodone pill.
 - ❖ *Carfentanil is typically used to tranquilize large animals, specifically elephants. Reportedly, the equivalent of one grain of salt is enough to kill one human being.*
- Imitation prescription pills containing dangerous drugs such as carfentanil are being sold by drug dealers, placing users at significant risk of death.



Carfentanil, a synthetic opioid, is approximately 10,000 times more potent than morphine, 5,000 times more potent than heroin, and 100 times more potent than fentanyl.

Photos of Imitation Prescription Pills Containing Fentanils



Fake oxycodone/acetaminophen pill, actually contained heroin.



Fake oxycodone pill, actually contained carfentanil.

Where To Go For Help?

**ADDICTION IS A DISEASE.
DON'T SUFFER. DON'T WAIT.
HELP IS WITHIN REACH.**



RECOVERY STARTS NOW

CALL 844-REACH NJ | OR VISIT REACHNJ.GOV

ReachNJ - 1.844.ReachNJ (1.844.732.2465) ReachNJ, New Jersey's Addiction Helpline is an information and referral service that will connect you with the addiction recovery and support services that are available throughout our state. Call to get what you need to take the next step on your road to recovery.



DEA 360 South Jersey



- Addressing prescription opioid & heroin epidemic:
- Targeted Enforcement
- Diversion Control
- Community Outreach



OPERATION PREVENTION

- **DEA & Discovery Education STEM-based initiative**
- **Free online curriculum to educate middle & high school students, teachers, & parents about science of drug addiction**



OperationPrevention.com

- Kick start lifesaving conversations about DRUG-FREE living
- Operation Prevention offers an expanding collection of resources for students, teachers, and parents:
- Elementary, middle, and high school classroom-ready lessons and companion guides provide educators with standards-aligned tools to integrate seamlessly into classroom instruction.
- This scholarship contest encourages students to send a message to their peers about the dangers of prescription opioid misuse by creating a 30-60 second original Public Service Announcement to win up to \$10,000. The 2018 Video Challenge will launch November 2017.
- Parents can join the conversation with a family discussion guide which provides information on the warning signs of opioid misuse and a guide to prevention and intervention to empower families to take action.
- Now includes talking points for parents of elementary students. Available in English and Spanish.



OperationPrevention.com

- Take students on a virtual journey, where leading experts provide the unfiltered facts on drugs and addiction. A companion activity helps start discussions in the classroom.
- Digital Classroom Lessons
- Video Challenge
- Parent Toolkit
- On Demand Virtual Field Trip
- Operation Prevention offers expanding Spanish resources, including a Spanish website, student learning module and translated parent toolkit to aid families with their discussions about opioid misuse and prevention.
- Spanish Resources
- Students become scientists in The Science of Addiction: The Stories of Teens. Investigate the impacts of heroin and prescription opioids on the brain and body through a self-paced scientific exploration. Available in English and Spanish.
- Student Learning Module



DEA 360

SOUTH JERSEY



DEA **360** STRATEGY

SOUTH JERSEY YOUTH & FAMILY DRUG AWARENESS SUMMIT



April 28, 2018
10 am - 3 pm

Wildwood Convention Center
4501 Boardwalk,
Wildwood, NJ 08260

Registration Required

**Students 4th Grade
through 8th Grade &
Parents/Guardians**

Prevention Focused Presentations
Youth & Parent Activities
Access to Morey's Pier
Lunch Included
Special Guest

Keynote Speaker:
Aric Bostick

Register at: WakeUp-SouthJersey.com





Safe Drug Disposal

- **The American Medicine Chest Challenge**

- **Project Medicine Drop**



- **DEA National Take Back Initiative**

October 28, 2017: 915,668 lbs National

- 14,527 lbs in NJ



Next National Takeback: April 28, 2018!

NATIONAL TAKE-BACK INITIATIVE



National Resources from DEA

DEA.Gov

For Schools:

- Operationprevention.com

For Parents:

- Getsmartaboutdrugs.com

For Teens:

- Justthinktwice.com

WakeUp-SouthJersey.com



Questions?

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