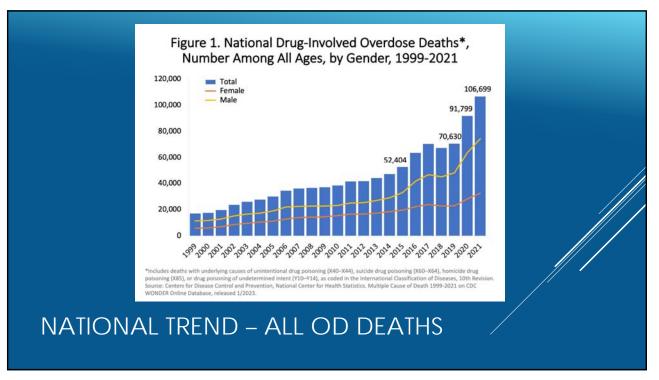
USING DATA AND EVIDENCE TO PROMOTE CHANGE: BUILDING COALITIONS FOR RECOVERY

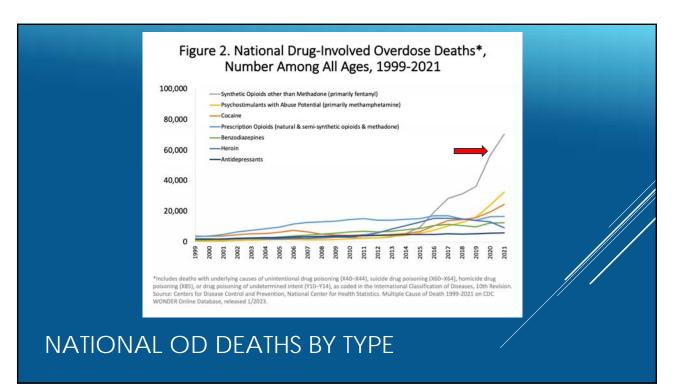
Chesterfield Fire and EMS

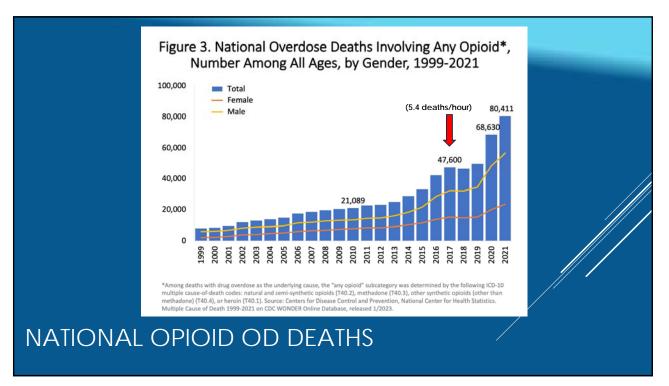
CHESTERFIELD COUNTY

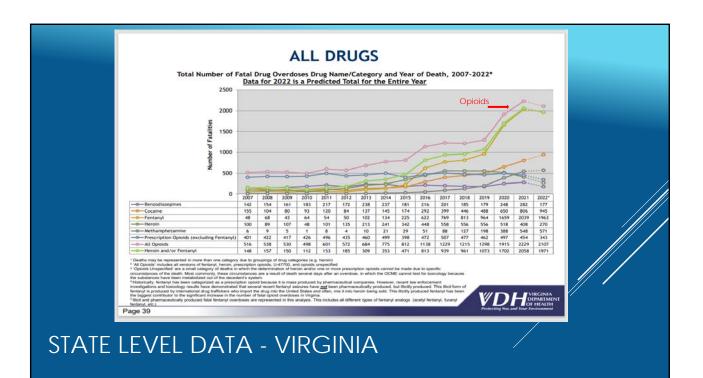
- Chesterfield County
 - ► Population 381K
 - Weldon Cooper Center for Public Service at the University of Virginia report indicates Chesterfield County fastest growing locality
 - Career Fire and EMS department
 - ► By 2024, 600+ uniformed personnel

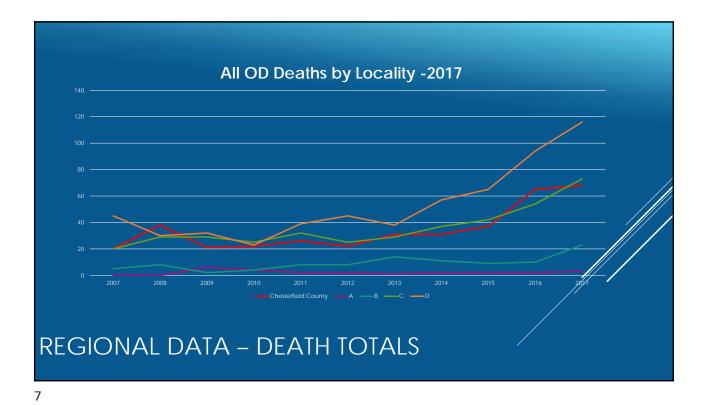


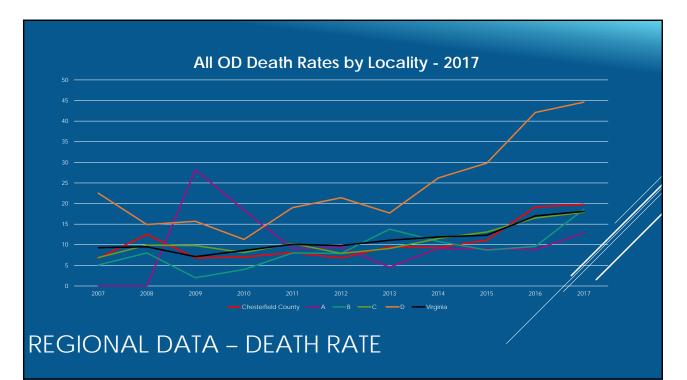


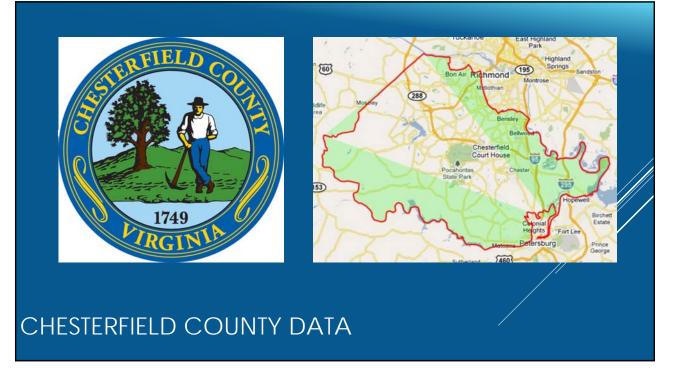












- ▶ 68% of 12th graders have tried alcohol
- ▶ 37.4% of 12th graders drank in the last month
- ▶ 23.5% of 10th graders drank in the last month
- > Among high schoolers, within the month they were surveyed
 - ▶ 35% drank some alcohol
 - 21% binge drank (consuming an excessive amount)
 - > 22% rode in someone's car who'd been drinking
 - ▶ 10% drove after drinking

HIGH SCHOOL ALCOHOL – 2017 AND PRIOR

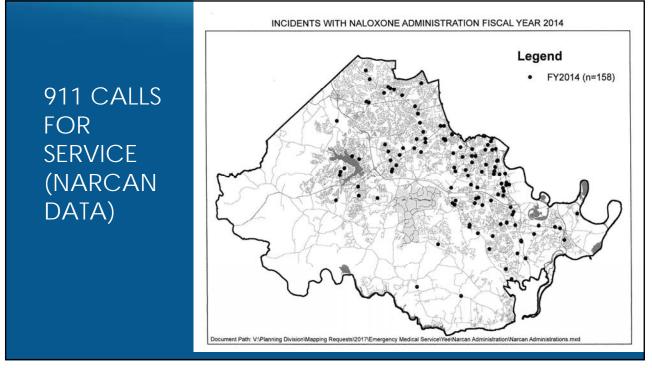
- Marijuana use
 - ▶ 35.1% of 12th graders have smoked pot in the past year
 - ▶ 21.3% of 12th graders have smoked pot in the last 30 days
 - 16.6% of 10th graders have smoked pot in the last 30 days
 - ▶ 6% of 12th graders say they use marijuana every day
 - ▶ 81% of 12th graders say it would be easy to get marijuana
 - Only 32% of 12th graders feel that regular marijuana use is harmful

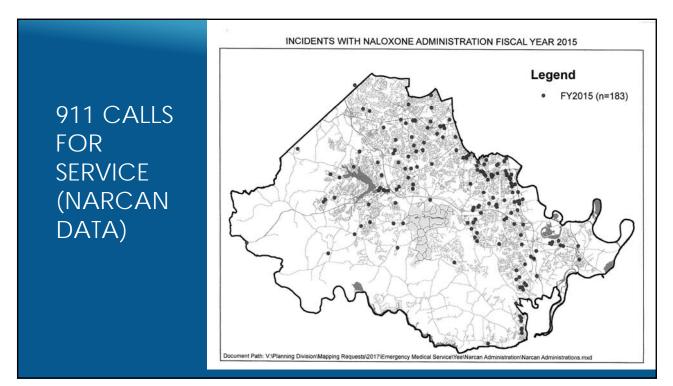
HIGH SCHOOL MARIJUANA - 2017 AND PRIOR

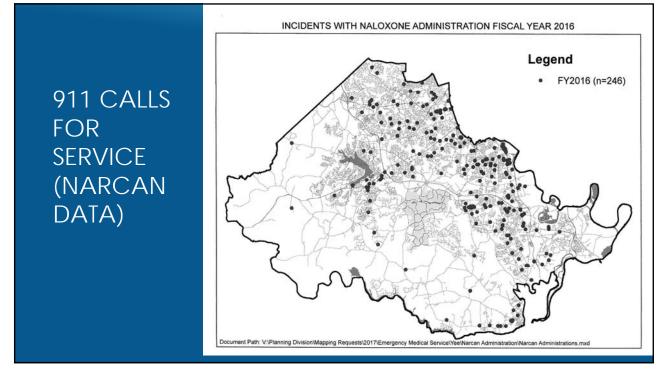
Nearly 44% of high school students know a classmate who sells drugs. When asked which drugs are sold

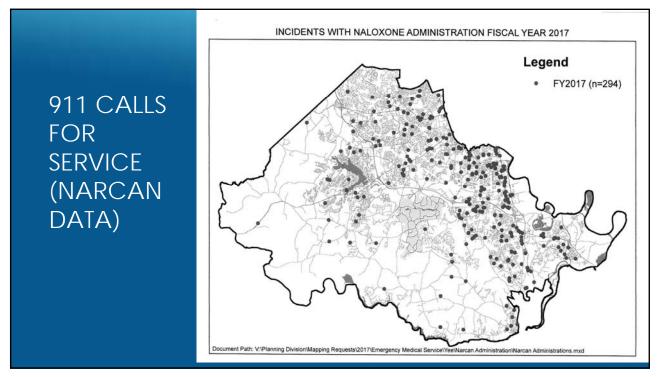
- ▶ 91% said marijuana
- ▶ 24% said prescription drugs
- 9% said cocaine
- 7% said ecstasy

ILLICIT DRUG IN HIGH SCHOOLS - 2017 AND PRIOR









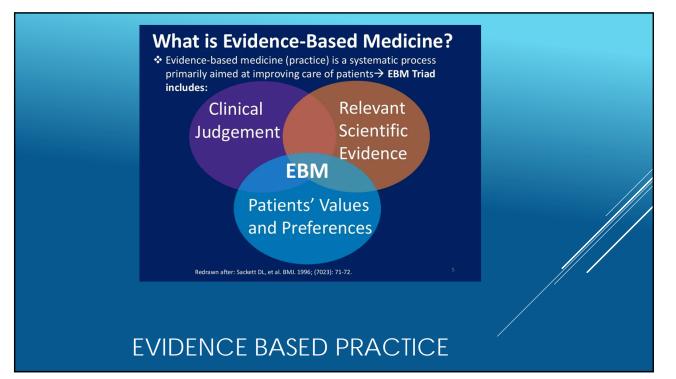












Levei	Type of evidence	
1A	Systematic review (with homogeneity) of RCTs	
1B	Individual RCT (with narrow confidence intervals)	
1C	All or none study	
2A	Systematic review (with homogeneity) of cohort studies	
2B	Individual Cohort study (including low quality RCT, e.g. <80% follow-up)	
2C	"Outcomes" research; Ecological studies	
3 A	Systematic review (with homogeneity) of case-control studies	
3B	Individual Case-control study	
4	Case series (and poor quality cohort and case-control study	
5	Expert opinion without explicit critical appraisal or based on physiology bench research or "first principles"	





Peer-Delivered Recovery Support Services for Addictions in the United States: A Systematic Review

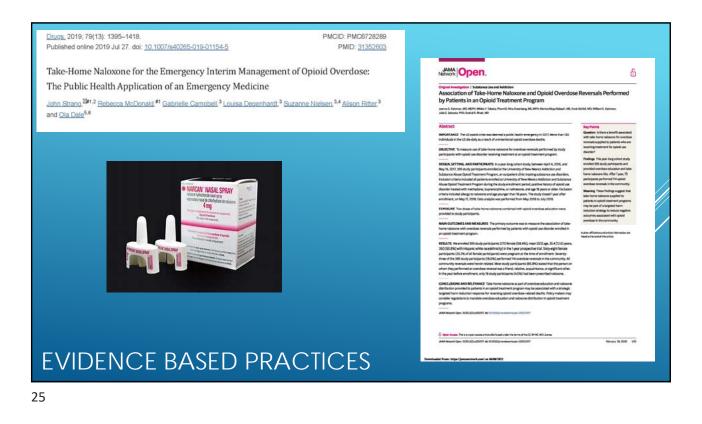
Ellen L Bassuk ¹, Justine Hanson ², R Neil Greene ², Molly Richard ², Alexandre Laudet ³

Affiliations PMID: 26882891 DOI: 10.1016/j.jsat.2016.01.003

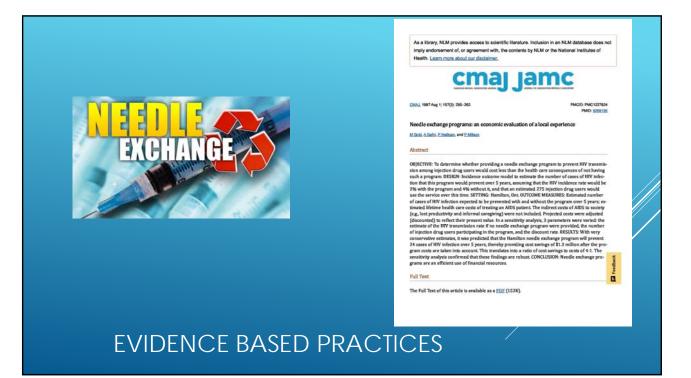
Abstract

This systematic review identifies, appraises, and summarizes the evidence on the effectiveness of peer-delivered recovery support services for people in recovery from alcohol and drug addiction. Nine studies met criteria for inclusion in the review. They were assessed for quality and outcomes including substance use and recovery-related factors. Despite significant methodological limitations found in the included studies, the body of evidence suggests salutary effects on participants. Current limitations and recommendations for future research are discussed.

EVIDENCE BASED PRACTICES



	As a library, NLM provides access to solentific iterature. Inclusion in an NLM database does not imply endoesement of, or agreement with, the contents by NLM or the National Institutes of Health. Learn more about our disclamer.	
	HHS Public Access Andrew markes register Permensent and enter the productor Anord when managen	
	Pludiat 2ex, Autor menuarity, available in FMC 2015 Jun 1. PACID FMC 4153644 PAdate In the Aeth One are Pachael Environ 2ex, Autor 10, 117, 117, 127, PACID Pachael Environ 2ex, Autor 10, 117, 117, 127, PACID 44 10, 117, 117, 117, 117, 117, 117, 117,	
	Substance Abuse Intensive Outpatient Programs: Assessing the Evidence Datas McGarb Ph.D., Like Brucks, Ph.D., D., Basel Limas, Ph.D. ⁹ Estland H. Doutients, Ph.D., AM, Alm S. Zeans, FeD., Bastmia Zonas, Dies, Ph.D., and Ustam T. Datas Ph.D., Ph.D.	
	Abstract. Objective	
	Substance abase intensive outputseet to program (DPP) are direct services for prophe with sub- stance use directors or on occurring mental and substance use disorders who do not require medical detautification or 24-bour supervision. IOPs are abernatives to inpatient and residential treatment. They are disigned to establish psychosocial supports and distillate relapse manage- ment and conjugatorizes. This are discusses their orientance has an	
	Methods Authors searched major databases: PubMed, PsycNFQ, Applied Social Sciences Index and	
	Abstracts, Sociological Abstracts, Social Services Abstracts, Nobibled International Utertative on Transmick Stracts, the Bioadosimal Resources Information Centers, and the Chamber Index to Norsing and Alicel Health Literature. They identified 12 Ridvisula studies and use review pub- lished between 1955 and 2021. They does from threfe tendes of research evaluation (paint) and low) based as headmarks for the number of studies and quality of their methodology. They also detected the relative on Service Hickensess.	
	Results Back to Top	
EVIDENCE BASE	ED PRACTICES	





- Stigma
 - not only friends, family and society but even from healthcare providers
- Access to treatment
 - MAT
 - Peer recovery specialists
 - IOP
 - Inpatient

- Social determinants of health
- Silos of care
- "Not my problem", "not our mission"
- Cost of Treatment

PROBLEM: OBSTACLES TO TREATMENT

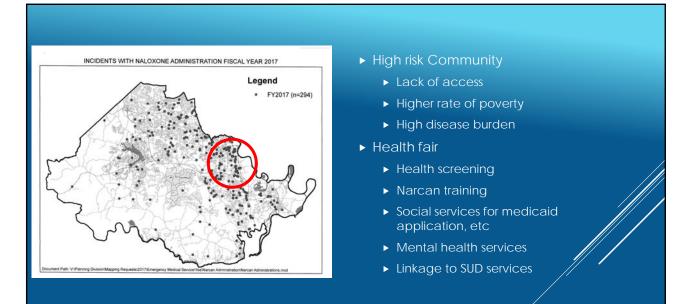
29

- The 911 system is wellpositioned to intervene because we have access to individuals at a time that they may be receptive to recovery.
- EMS is well positioned to assist in mitigating effects of and reduce social determinants of health.
- The window of time to engage these patients in recovery efforts is often small and fleeting.

SOLUTION: EMERGENCY SERVICES

- ► Treating SUD as a disease
- Treating each patient like a person
- Incorporation of Peer Recovery Specialist
- Widespread education and engagement of departmental personnel

SOLUTION: OVERCOMING STIGMA



STIGMA

SOLUTION – SOCIAL DETERMINANTS OF HEALTH

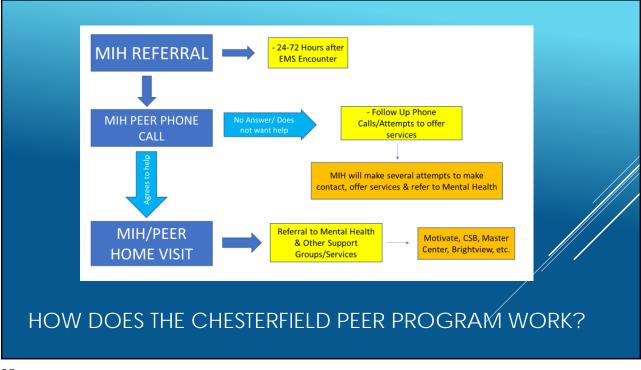
MOBILE INTEGRATED HEALTHCARE

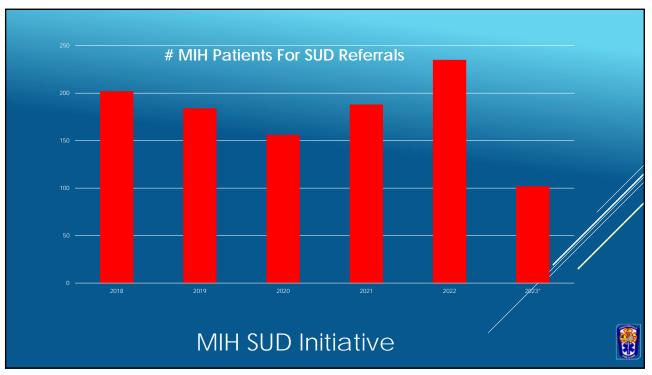
- Four Firefighter/Paramedics, One Firefighter/EMT, one Lieutenant/Paramedic.
- Follow up with patients after 911 call and attempt to determine root cause of calls and implement solutions
- Connect citizens in need with resources such as specialists, Mental Health Support Services, Social Services, home health, non-profits or any other partner able to help meet their needs.

SOLUTION: ACCESS

- Works as part of a collaborative effort to help citizens dealing with addiction issues.
- Anytime Naloxone is administered in the field, or a call is coded as an overdose, MIH Program Manager is notified and sets up a case for MIH provider to follow up to attempt to provide resources.
- Interacts with multiple county and private agencies to assist individuals struggling with addiction.
- Works with social services for patient to get Medicaid
- ▶ <u>Had</u> access to some grant funding to pay for limited services
 - Sober living, housing assistance
 - ► IOP
 - ► MAT
 - Transportation, child care services, food assistance

SOLUTION: MIH PROGRAM – SUD INITIATIVE

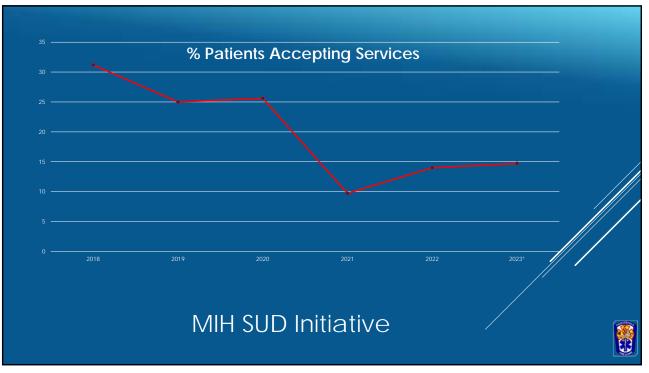


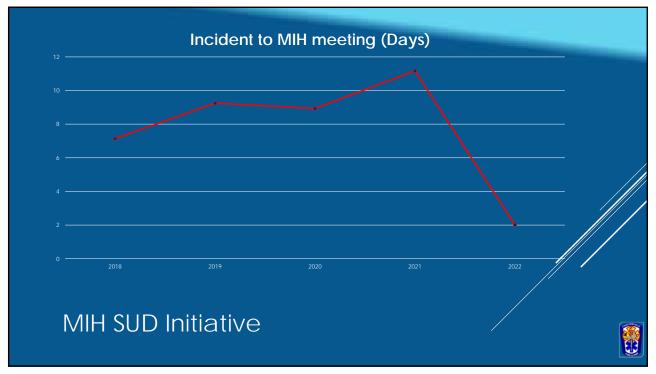


	l Chesterfield Fire a d over a one year p			
74.8% of those whuninsured.	ho were transporte	d for SUD-rela	ated issues were	
	es for the Chesterfie		and are shown	
below:	Median Income (2021)	Poverty Rate (2021)	% of students eligible for free or reduced school lunch	
below:				
below: Locality Chesterfield County	(2021)	(2021)	school lunch	
below:	(2021) \$88,315	(2021) 7.4%	school lunch 48%	

- The window of time to engage those with SUD while they are receptive is often small.
- Evidence-based practices which have been proven to give patients the highest likelihood of success in recovery include connection to MAT and wraparound support services.
- As many of these people do not have access to adequate insurance or resources, recovery funding to act on their behalf is paramount.
- The Opioid Abatement Authority recently approved the allocation of almost \$1,500,000 for the Chesterfield Health District for the addition of Outreach Specialists, Peer Recovery Specialists and funding for wraparound services and harm reduction.

RESOURCES FOR THE UNINSURED AND UNDERINSURED



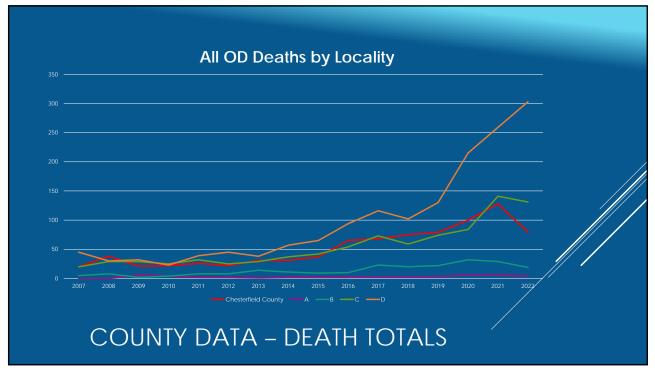


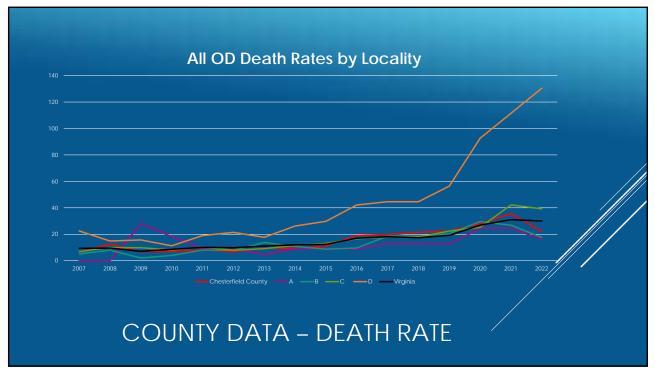
- Narcan leave-behind program after 911 calls for service where the providers have discretion to give kit to patient or family
- Fire and EMS providers understand that addiction is a disease and we are treating it similarly to other diseases

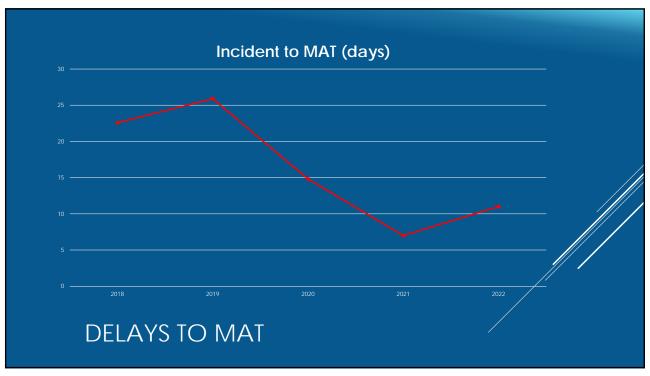


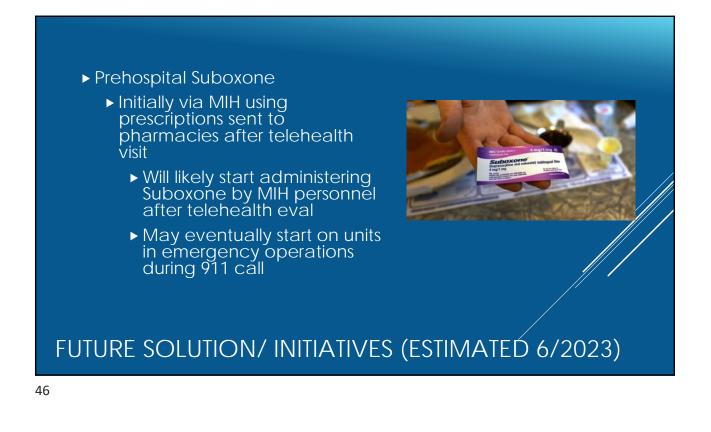
SOLUTION: HARM REDUCTION EFFORTS











- Designated drop off programs in partnership with ED's
 - EDs would start Suboxone
 - MIH will facilitate additional dosing and follow up with IOP

FUTURE INITIATIVES

47

- Addiction is a massive public health crisis
- Data shows the needs in your communities
- Data and evidence based practices can prioritize resources and reduce wasteful spending
- Making strides on behalf of those struggling with addiction is going to take a complete multidisciplinary approach with many organizations working together to reach people where they are.
- Despite not being a traditional core function, many departments are positioned to be a key contributor in helping those dealing with addiction get recovery resources.

SUMMARY

