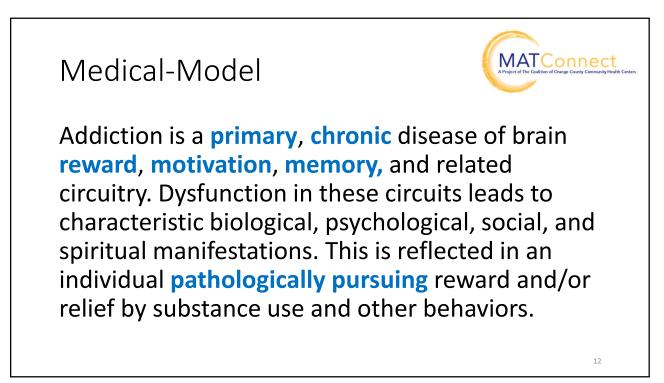


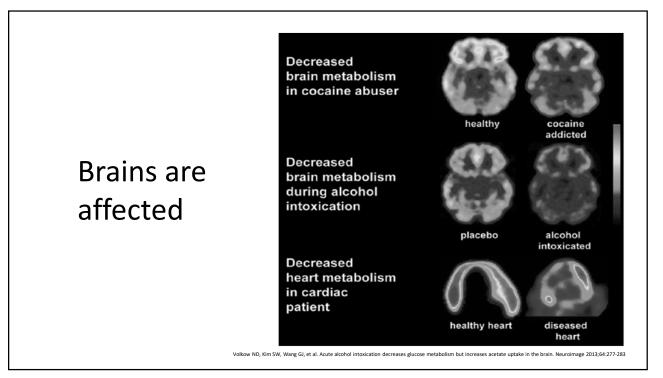


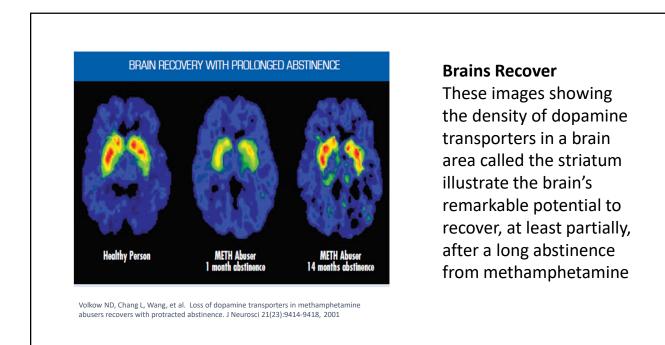




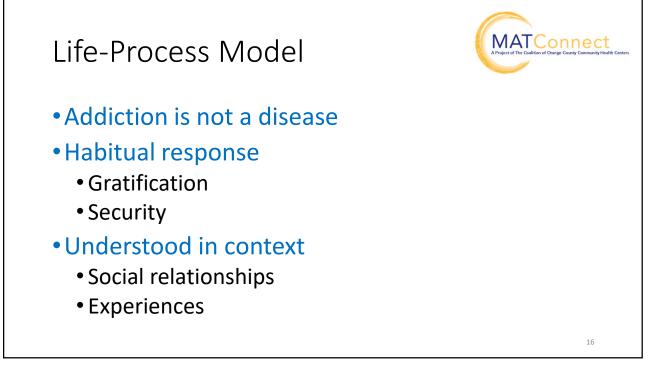
In the past, addiction was about **drugs** The new definition of addiction is about **brains**



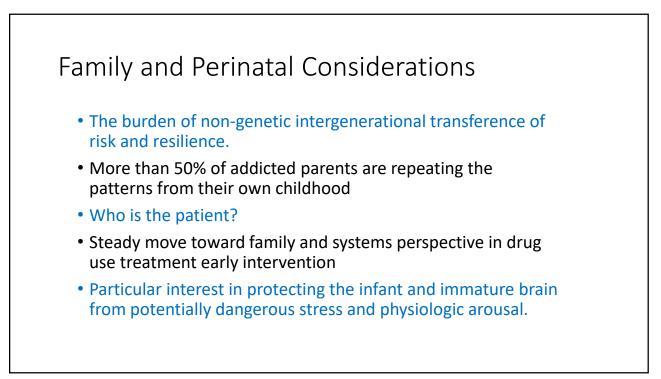




"...a disease is a <u>cluster of symptoms</u> and /or <u>signs</u> with a more or less <u>predictable</u> course."
The cluster may be associated with physical abnormality or may not.
Page x, Psychiatric Diagnosis, 1st Ed, 1994, Woodruff, Goodwin, Guze



Older Terms	Newer Terms	
The War on Drugs	Treatment	
Junkie, addict, drug abuser, alcoholic, drunk	Someone with a substance use disorder, person in active addiction	
Clean, Dirty	Negative, positive, substance-free	
User	Person who misuses drugs/alcohol	
Habit or Drug Habit	Substance misuse disorder, alcohol and drug disorder, addictive disease	
IV drug user	Person Who Injects Drugs (PWID)	
Addicted baby	Babies exposed to opioids	
Medication-Assisted Treatment, Replacement therapy, substitution therapy	Medication for opioid or alcohol use disorder	



Complications

Maternal Health

- Comorbid medical
- Comorbid psychiatric
- Placental abruptions
- Premature labor
- Violence

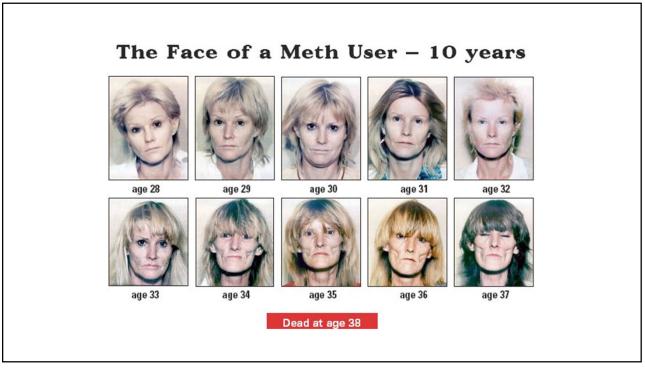
Infant Health

- Teratogenicity
- Low Birth Weight
- Exposure to Hep C, HIV and other STIs
- NOWS
- Stillbirths

Social

- Child Welfare Reporting
- FOB
- Extended family
- Employment
- Housing
- Enrollment in assistance programs

STIGMA



DSM-V: Opioid Use Disorder Craving or strong desire to use ✓ *Tolerance opioids *Withdrawal Recurrent use resulting in failure to ✓ Use in larger amounts or fulfill major role obligations duration than intended Recurrent use in hazardous ✓ Persistent desire to cut down situations Continued use despite social or ✓ Giving up interests to use opioids interpersonal problems caused or 1 Great deal of time spent exacerbated by opioids obtaining, using, or recovering Continued use despite physical or from opioids psychological problems *This criterion is not considered to be met for Mild OUD: 2-3 Criteria those individuals taking opioids solely under Moderate OUD: 4-5 Criteria appropriate medical supervision Severe OUD: >6 Criteria American Psychiatric Association. (2013). Diagnostic and statistical manual of mental disorders (5th ed.)

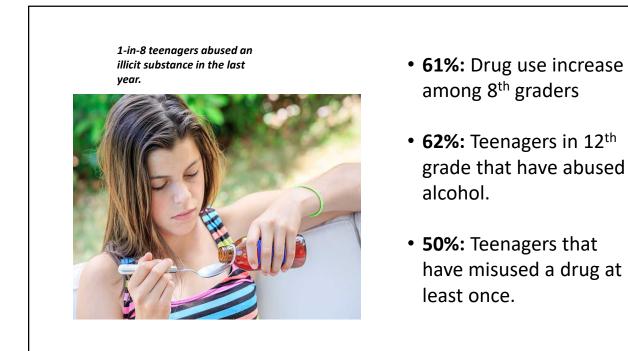
21



Among pregnant and postpartum persons, drug overdose mortality increased by approximately 81% from 2017-2020.

Bruzelius E, Martins SS. US Trends in Drug Overdose Mortality Among Pregnant and Postpartum Persons, 2017-2020. JAMA. 2022;328(21):2159–2161. doi:10.1001/jama.2022.17045

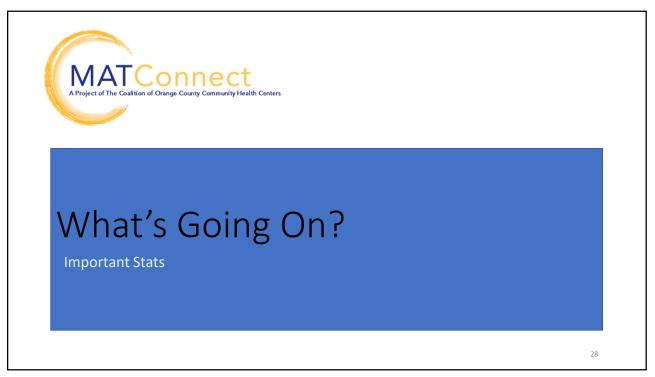


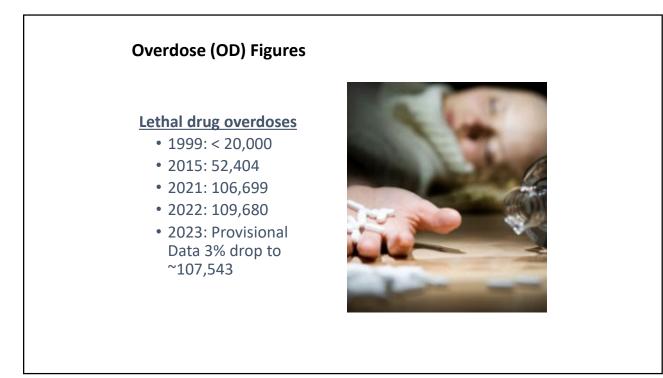


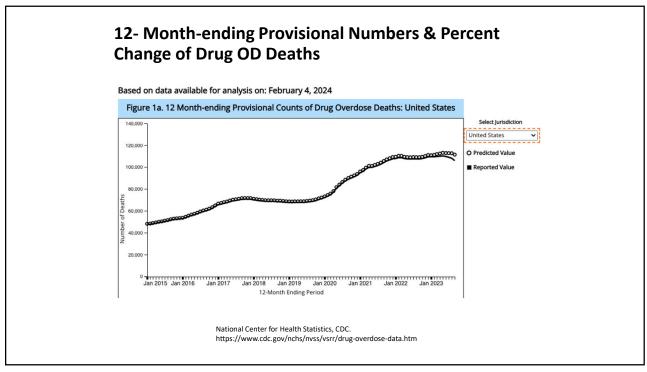


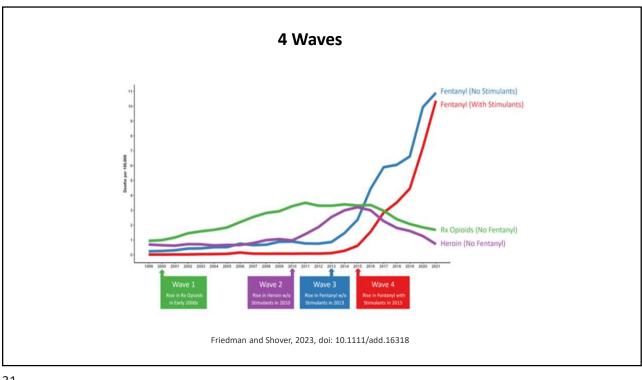


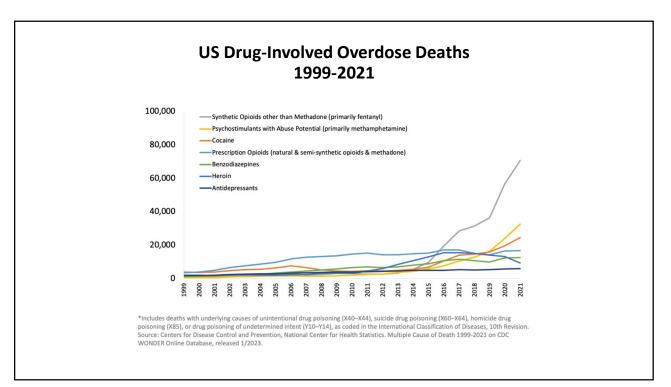




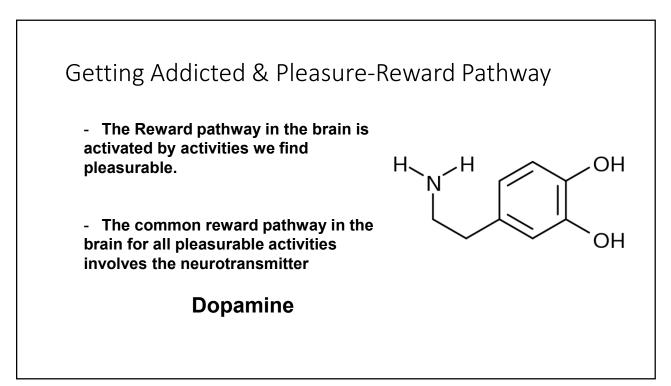


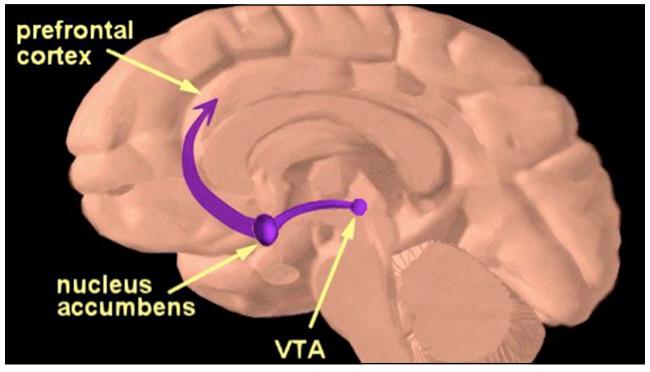


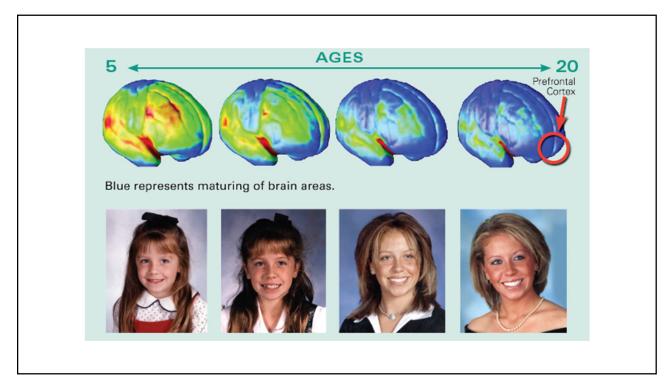


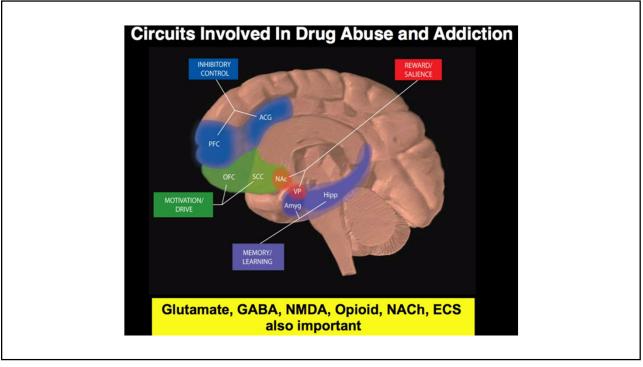


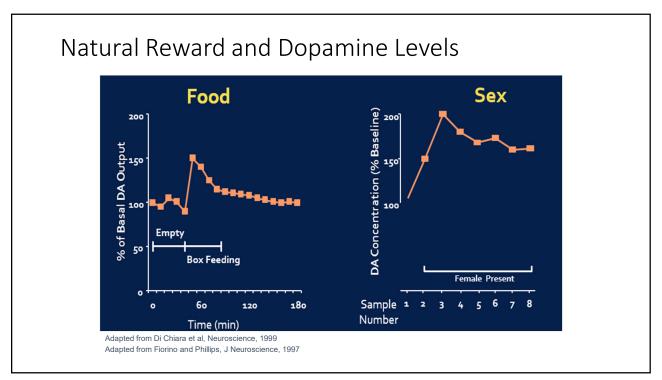


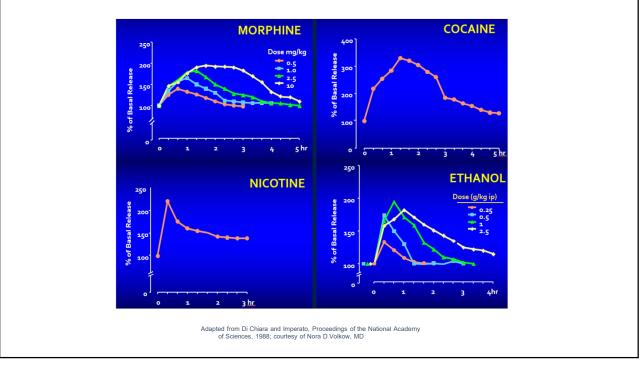




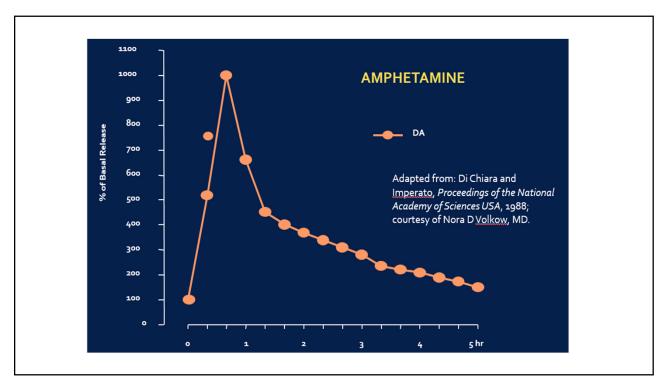


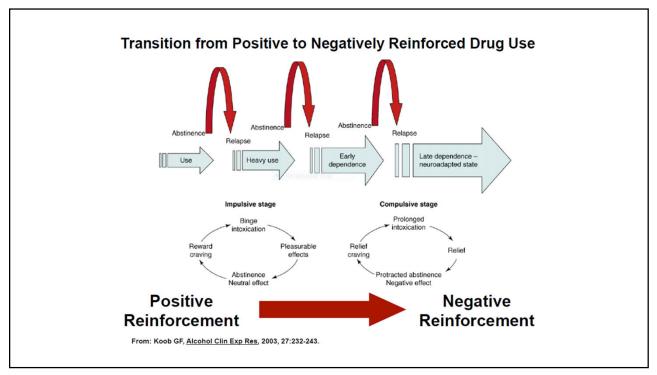












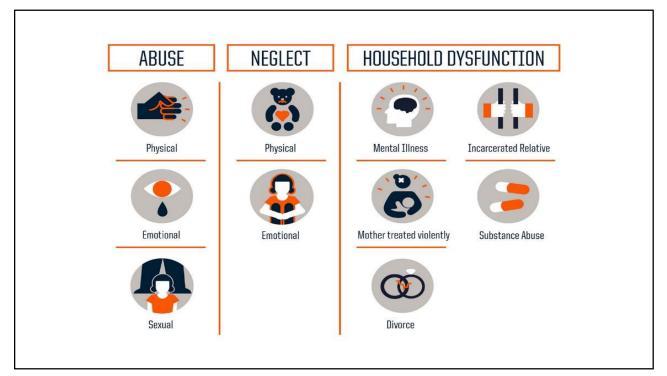


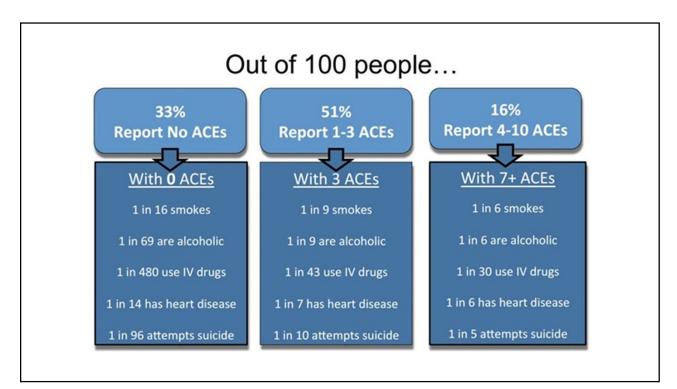
Neuroadaptation results in impaired...

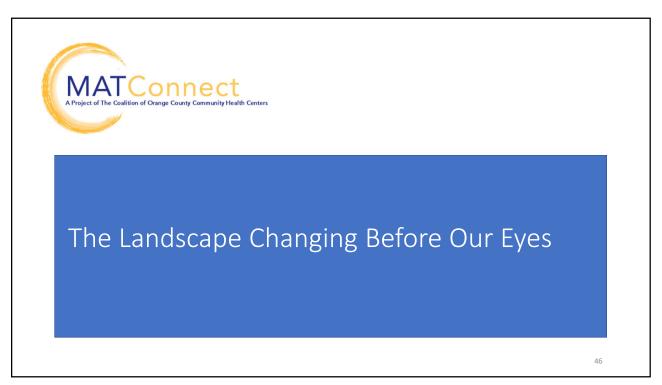
- Self-regulation
- Decision-making
- Flexibility
- Assignment of relative value (salience)
- Monitoring of error

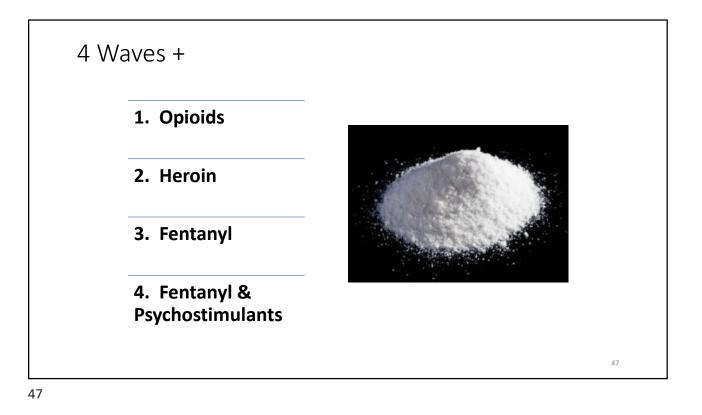
Caused by impaired dopaminergic & glutamatergic signaling

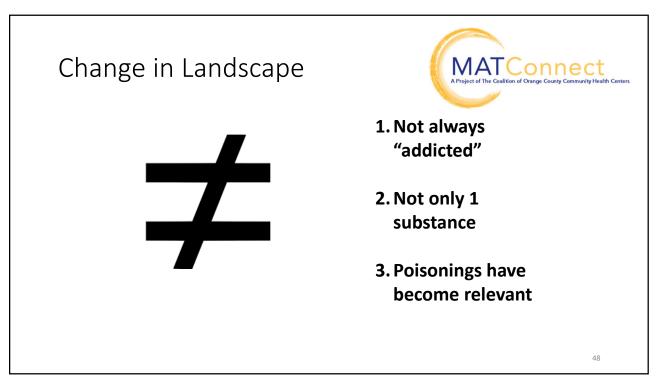








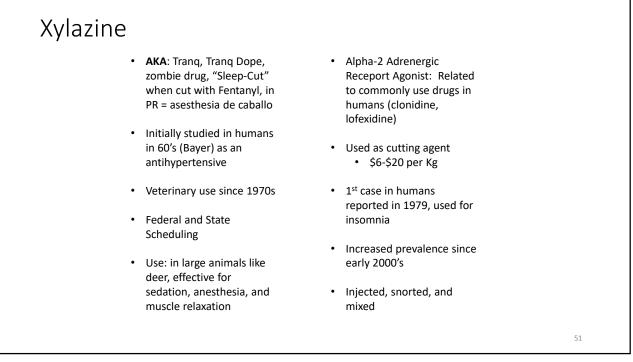




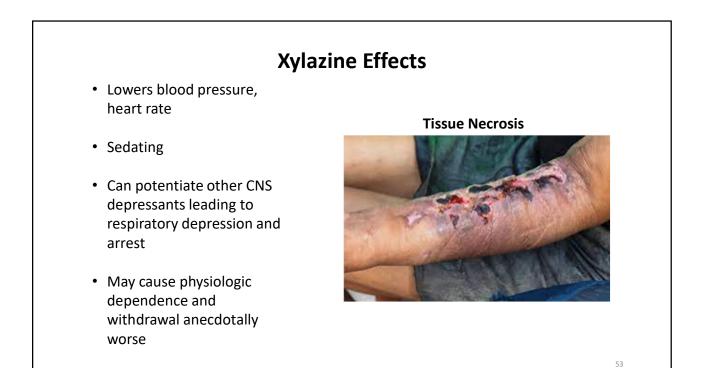
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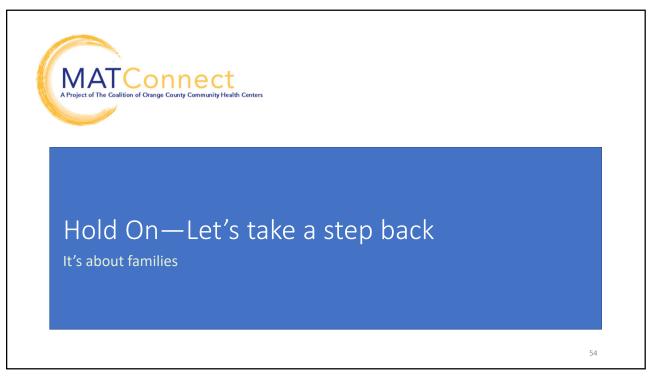
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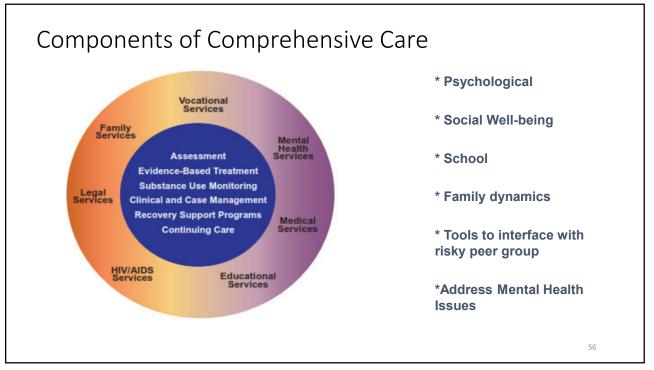


Deaths by Region			
Region	2020	2021	Percent Increase
Northeast	631	1,281	103%
South	116	1,423	1,127%
Midwest	57	351	516%
West	4	34	750%









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