

# Novel Trial Networks to Engage Underserved Populations in Clinical Trials

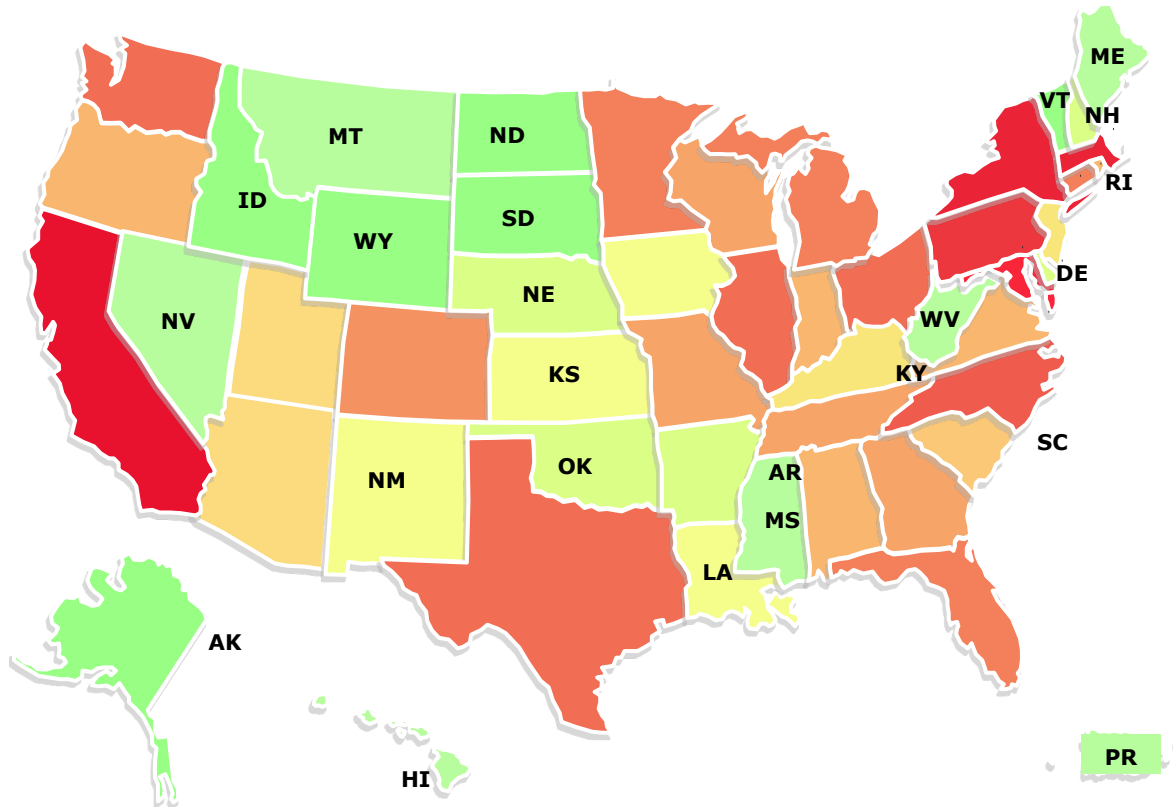
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# Active NIH Clinical Trials in FY21

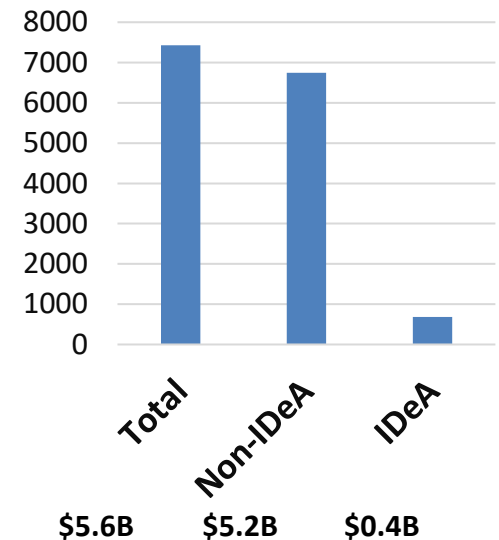


Colors indicate the number of studies with locations in that region.

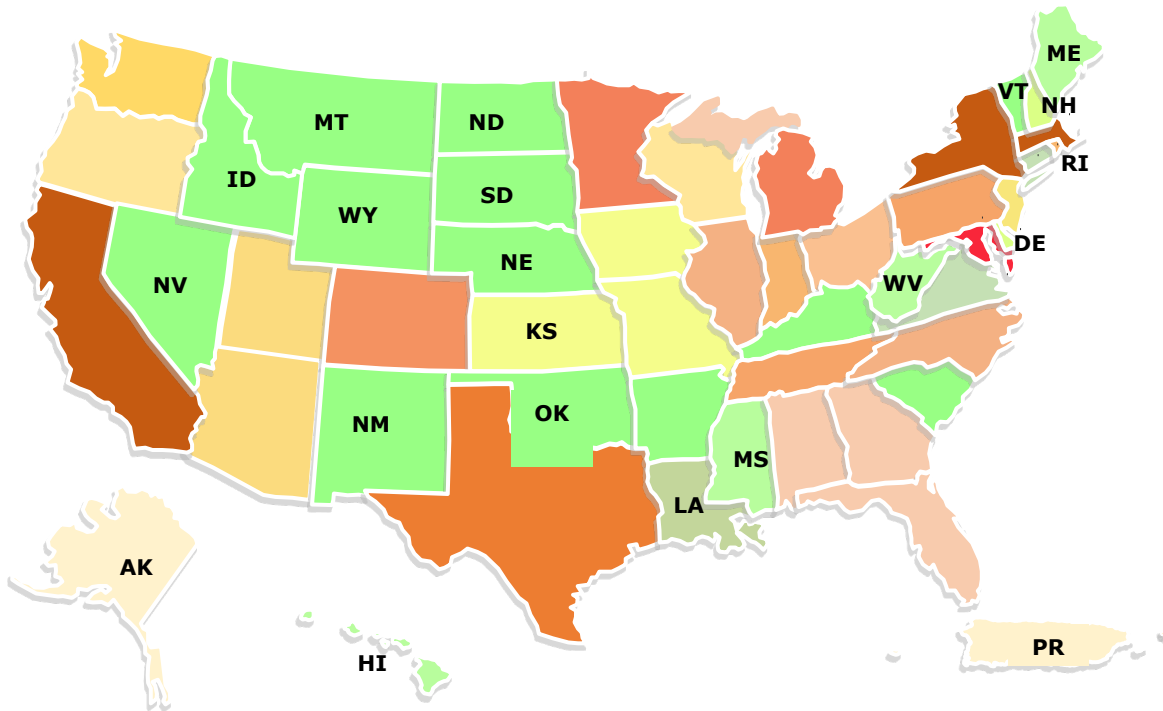
Least Most

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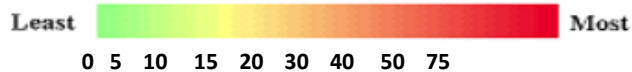
NIH Supported Trials



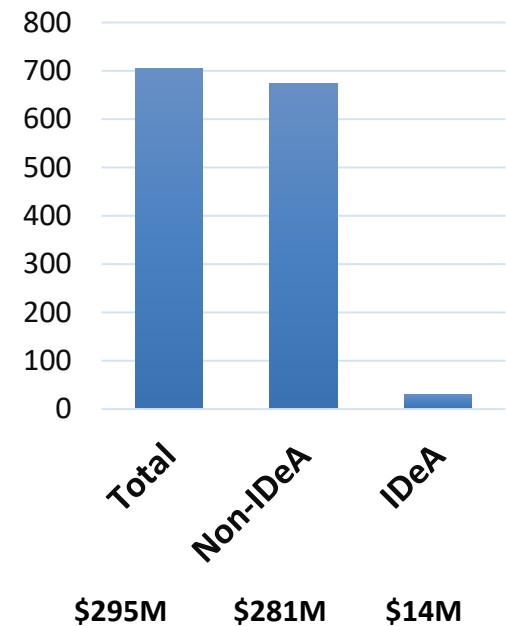
# Active NIH Observational Studies in FY21



Colors indicate the number of studies with locations in that region.

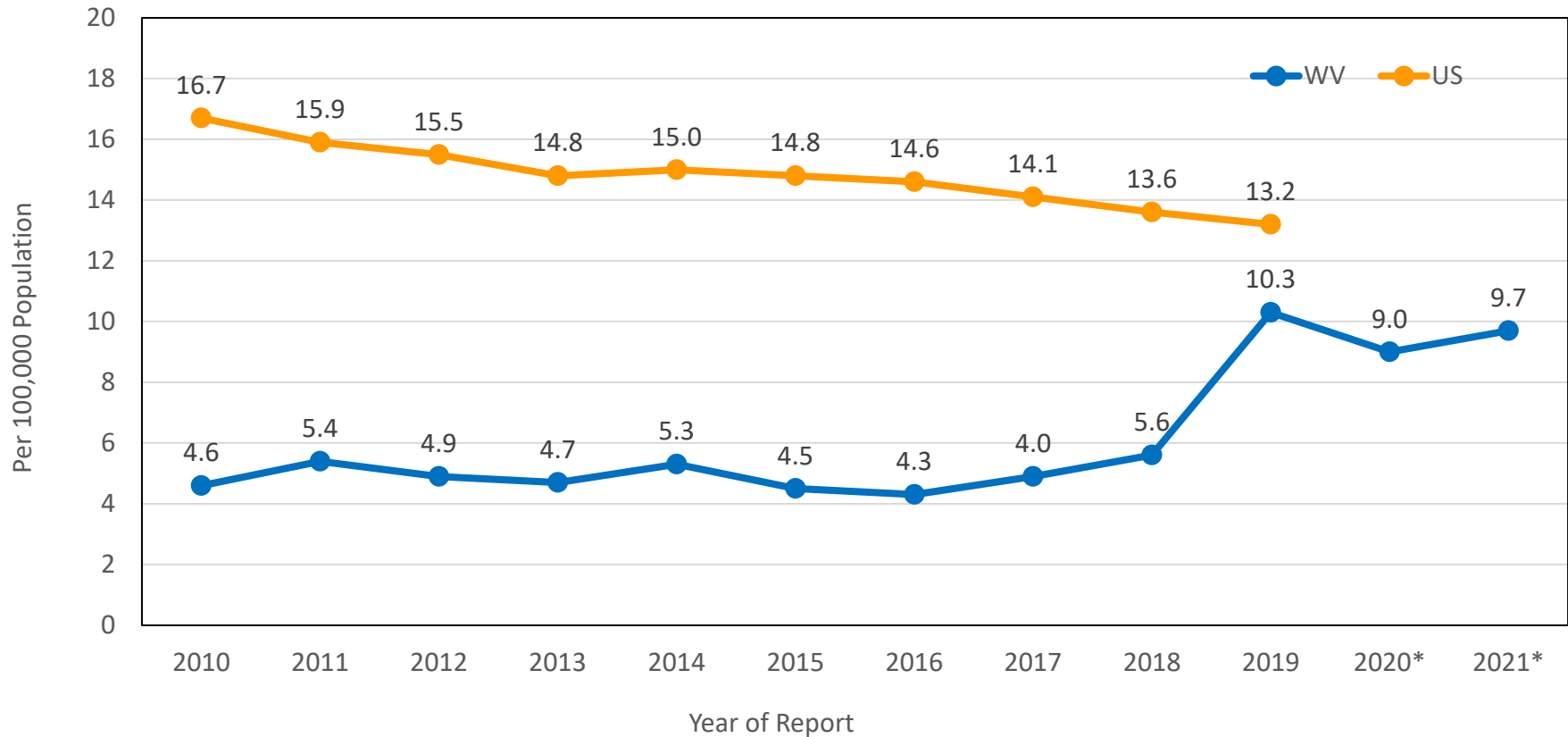


NIH Supported Observational Studies





# New HIV Diagnoses: West Virginia vs US, 2010-2021

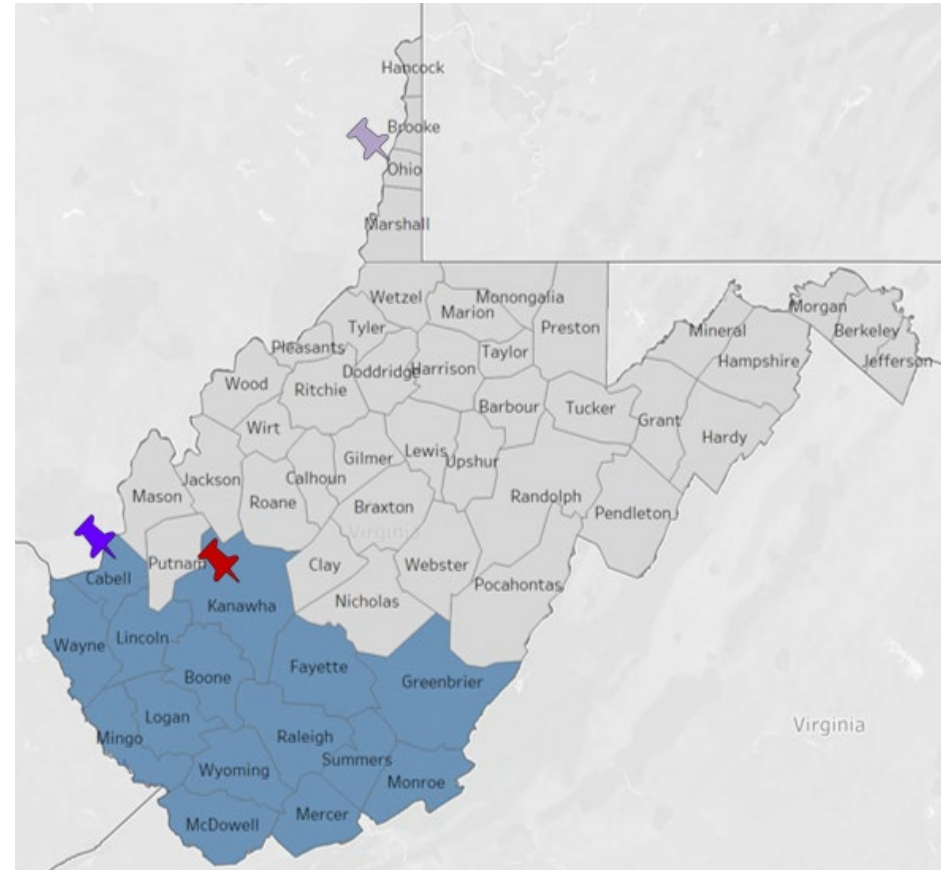


# Current WV HIV Outbreaks

Two southern West Virginia Counties - Cabell and Kanawha

- Outbreak ongoing since 2018
- 321 cases to date
- IDU primary risk factor
- ~32% diagnosed in hospital
- >50% homeless or unstably housed in the Kanawha outbreak

Recent legislative and municipal efforts have decreased syringe program access

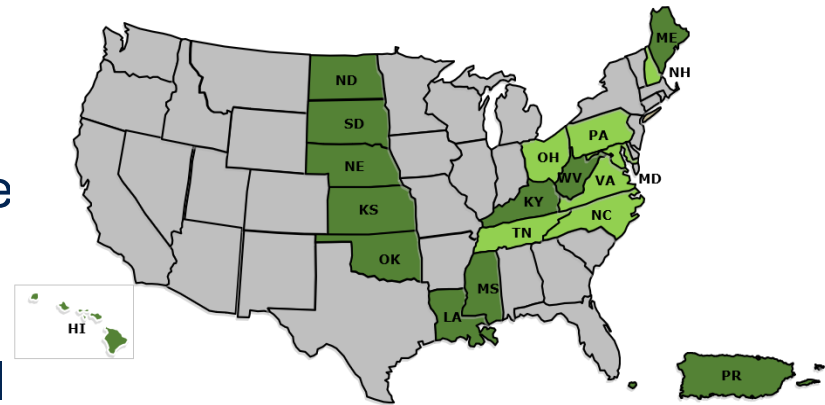


- Currently ZERO HIV clinical trials in West Virginia

# Novel Clinical Trial Networks

## IDeA States Consortium for Clinical Research (ISCORE)

- Focuses on underserved populations
- 13 sites in 10 states and Puerto Rico
- One of 15 networks enrolling adults in NHLBI's RECOVER study of post-acute sequelae of COVID-19
- A top enroller in RECOVER
- ISCORE also participates in the National COVID Cohort Collaborative of electronic health record data
  - Demonstrated 40% higher COVID mortality in rural areas<sup>1</sup>



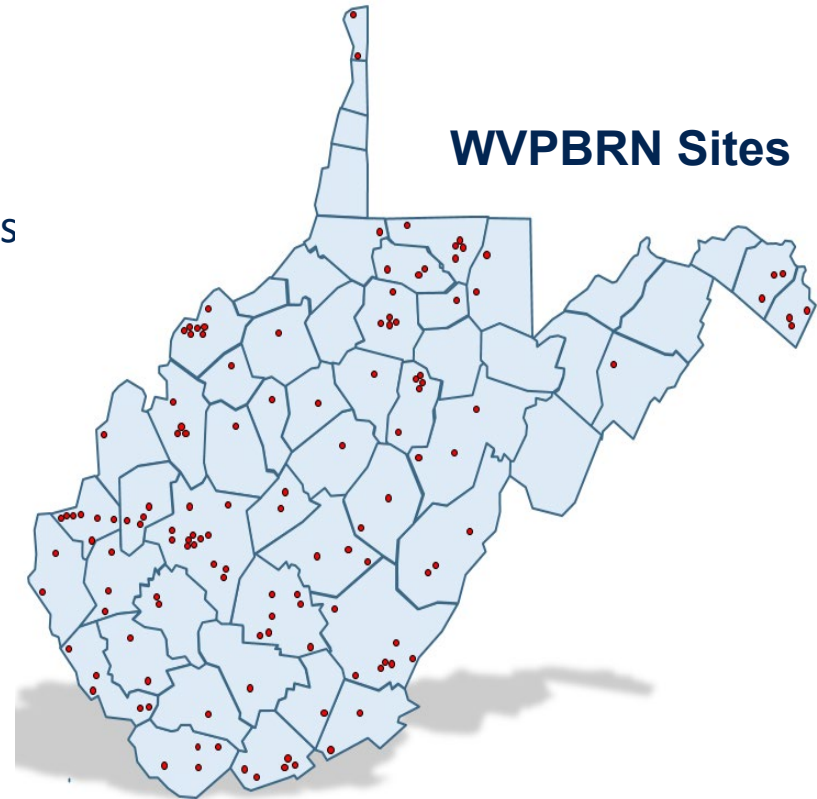
**ISCORE Trial Network**

# Novel Clinical Trial Networks

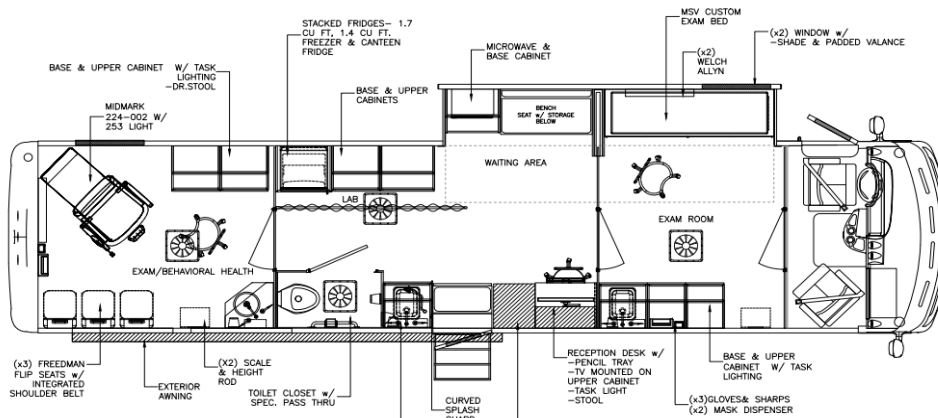
## West Virginia Practice-Based Research Network

- 129 sites, mostly FQHCs
- 10 clinical trials (2017 – present)
- Opportunities
  - Convenience, Trusted thought leaders
- Challenges
  - Office space; Trained staff

**WVPBRN Sites**



### Mobile Clinical Trials Unit



\*NOTES\*  
 -(x3)1500W TOEKICK HEATERS  
 -(x3)ROOFTOP AC UNITS  
 -50 AMP TWISTLOC 25' CORD w/MANUAL REEL  
 -FULL WRAP GRAPHICS  
 -HD2 WIFI PACKAGE  
 -SECURITY ALARM w/DOOR SENSORS  
 -20" BLACK AWNING



# Conclusions

- Small percentage of NIH trials are conducted in 46% of US states and Puerto Rico
- Recent increase in new HIV diagnoses among WV persons who inject drugs, yet no HIV clinical trials
- Novel clinical trial networks are needed to bring trials to underserved populations
- Engaging persons in clinical trials may facilitate belief in science

# Acknowledgements

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