Goal 3: Collect, Analyze, Reports and Disseminate COPD-Related Public Health Data That Drive Change and Track Progress

*Outline of United States with groups of data circles:* Age adjusted death rates for COPD

Metropolitan and Rural Categories Highest Diagnosed COPD

DATA

* CDC Death Cause Data
* [www.cms.gov](http://www.cms.gov) by county-level: prevalence of COPD - FIPS
* COPD Provider registry - FIPS: [www.cms.gov](http://www.cms.gov)
* Behavioral Risk Factor Surveillance System - FIPS

*Graph:* High School Smoking

* *Arrow trending up:* Urban, Metro and Rural X2
* *Arrow trending down:* Other

Future COPD Patients

*Male and female high school students next to Ford Truck*

*Sign:* Any rural town high school

*Outline of United States:*  Distance to Healthcare

How do we know the cause of death is accurate?

* We don’t

What are the existing databases that collect COPD related data?

*Magnifying glass looking at individuals*

* Economic development centers do their own economic research on the region and the disparities present

*Phone:* Website will provide access and ability to connect to national databases

*Man holding two signs*

* Economic development grants for rural core facilities
* Chronic disease infrastructure with CDC

We can help but it needs to have an economic development slant…

* Data helps make the case!

*iPhone:* Siri, show me patients diagnosed with COPD who have not had Pulmonary Care…

* “I’m still waiting for the Google Wall in my office”

*Hospital Emergency Room with Ambulance*

* COPD patients have a high readmittance rate – improving rural health is an economic business decision

*Stamp of Small Town USA*

They have a culture of collaboration!

* Invest in their own community
* Work together

More Data

* [CCWdata.org](https://www.ccwdata.org/web/guest/home)
* [Go.CMS.gov/OMH](https://www.cms.gov/About-CMS/Agency-Information/omh/index.html)
* Hospital referral regions
* Medicare Advantage Encounters

Most data are at the state level

*Three maps of the United States*

* State surveillance of COP data is an unfunded mandate
* Maps help tell the story

What other data are you looking for or able to provide?

Coming soon from the CDC

* *Georgia State Report with Outline of Georgia*

*Woman typing keyboard:* “People really look at our coding data!”

Letting people know we use the data along could improve data quality

What has been the use of spirometry in COPD Patients?

Can we normalize ICD-10 data?

* Collecting surveillance data will always be baby steps

Graphics by @StephScribes.