

COMMUNITY HEALTH IMPROVEMENT PLAN (CHIP) CHRONIC DISEASE

LUNG CANCER SCREENING GUIDE

Lung Cancer Is the Biggest Cancer Killer in Both Men and Women

- Every year, about 200,000 people are diagnosed and 150,000 people die.
- Cigarette smoking is the #1 cause of lung cancer.
- It is linked to 80% to 90% of all lung cancers.

Quitting smoking at any age can lower the risk of Lung Cancer

Who Should Be Screened?

The U. S. Preventive Services Task Force recommends yearly lung cancer screening for people who:

- ✓ Have a history of heavy smoking, and
- ✓ Smoke now or have quit within the past 15 years, and
- ✓ Are between 55 and 80 years old.

Risk Factors

1. Smoking
2. Secondhand smoke
3. Radon
4. Other substances
5. Personal or family history of lung cancer
6. Radiation therapy to the chest
7. Diet



Common Symptoms of Lung Cancer

- A cough that does not go away or gets worse
- Chest pain that is often worse with deep breathing, coughing, or laughing
- Hoarseness
- Weight loss and loss of appetite
- Coughing up blood or rust colored spit or phlegm
- Shortness of breath
- Feeling tired or weak
- Infections such as bronchitis and pneumonia that don't go away or keep coming back
- New onset of wheezing

Lung Cancer Rates for Butler County

Lung and bronchus cancer was the leading cause of cancer incidence and mortality in Butler County in 2010-2014, accounting for 16.0 percent of cancer cases and 31.1 percent of cancer deaths.

	Incidence				Mortality			
	Butler County		Ohio	U.S.	Butler County		Ohio	U.S.
	Cases	Rate	Rate	Rate	Deaths	Rate	Rate	Rate
Lung & Bronchus	287	74.0	69.9	55.8	219	56.5	52.7	44.7

Radon

- Radon is a known human carcinogen and is estimated to be the second-leading cause of lung cancer nationally.
- **Butler County** has a predicted average indoor radon screening level greater than 4 pCi/L (pico curies per liter) - **Highest Potential**
- Home radon testing is simple and inexpensive. Many state radon programs offer free radon test kits, and there are inexpensive ways to fix and prevent high radon levels in homes.

