

Williams County Health District

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Community Talking Points

February 24, 2021

- COVID-19 cases remain high in Williams County. In the past 7 days (Feb. 16th-Feb. 23rd), there have been 27 new cases, 1 hospitalization, and 1 death. As of 2/18, Williams County remains level 3 (red) on the Ohio Public Health Advisory System (OPHAS) and triggered 2 of the 7 indicators (New cases per capita & Non-congregate cases) and high incidence.
- **How do mRNA vaccines work?** - Source: CDC
 - To trigger an immune response, many vaccines put a weakened or inactivated germ into our bodies. Not mRNA vaccines. Instead, they teach our cells how to make a protein—or even just a piece of a protein—that triggers an immune response inside our bodies. That immune response, which produces antibodies, is what protects us from getting infected if the real virus enters our bodies. Our immune systems recognize that the protein doesn't belong there and begin building an immune response and making antibodies, like what happens in natural infection against COVID-19 but without ever having to risk the serious consequences of getting sick with COVID-19. Learn more: <https://bit.ly/2P6JLob>

START HERE

1 The mRNA vaccine is injected. mRNA cannot change your DNA.

2 Your cells read the mRNA instructions and start building...
...the same kind of spike proteins that COVID-19 has.
These are harmless

3 Your immune system sees the spike proteins and starts building a defence...
...and launches an **ATTACK!**
SOUND THE ALARM!

4 Now your body can recognize the COVID-19 spike protein and fight COVID-19 effectively. You're now immune!
You may feel some fatigue, aches, or a fever at this point. It's your immune system learning!

DO YOUR RESEARCH!
Pfizer and Moderna's
How mRNA Vaccines Work
The mRNA then dissolves.

19TOZERO
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