

Asthma for Clark County Residents

Asthma is a disease that affects the lungs. It causes repeated episodes of wheezing, breathlessness, chest tightness, and nighttime or early morning coughing. It can be controlled by taking medication and removing or avoiding environmental triggers¹.

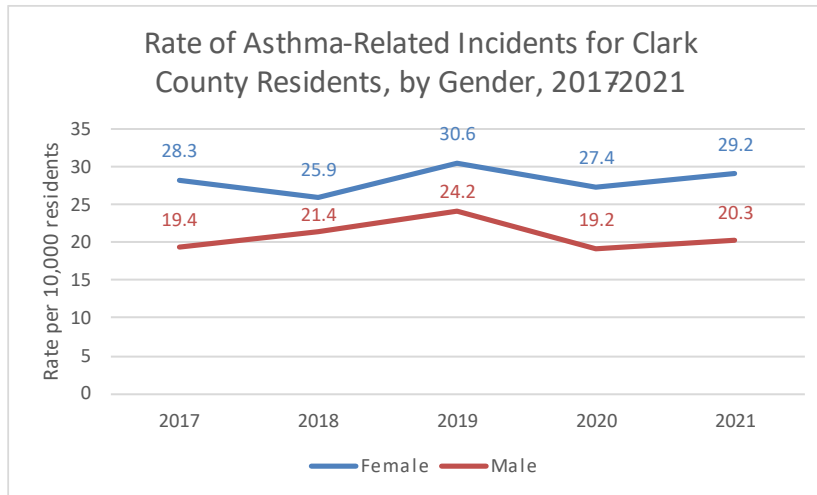
For Clark County residents, there were 1,667 asthma-related incidents between 2017 and 2021. Table 1 shows the total number of incidents during the time period broken up by gender, race, and facility type with average age for each.

Table 1: Demographic information of All Asthma-related Incidents from 2017-2021, Clark County**

		# of Asthma-related Incidents	Average Age
Gender	Female	982	38.7
	Male	681	27.6
Race	American Indian or Alaska Native	7	*
	Asian	3	*
	Black or African American	66	39.1
	Other Race	132	11.8
	White	1356	36.1
Facility Type	Children's Hospital	153	9.5
	Hospital	1055	31.0
	Primary Care/Family Medicine	329	49.1
	Private Practice	101	54.7
	Urgent Care/Emergency Room	27	35.5

*suppressed due to less than 10 incidents

**Incidents for Clark County residents were counted whether they were seen within or outside Clark County boundaries



Female residents who have an asthma-related incident are on average 11.1 years older than male residents (Table 1).

Female residents have a higher rate of asthma-related incidents compared to male residents. While there is no clear trend, there has been an overall increase from 2017 to 2021 (Figure 1).

Figure 1: Asthma-related incidents for Clark County residents by gender, 2017-2021

¹ <https://www.cdc.gov/asthma/default.htm>

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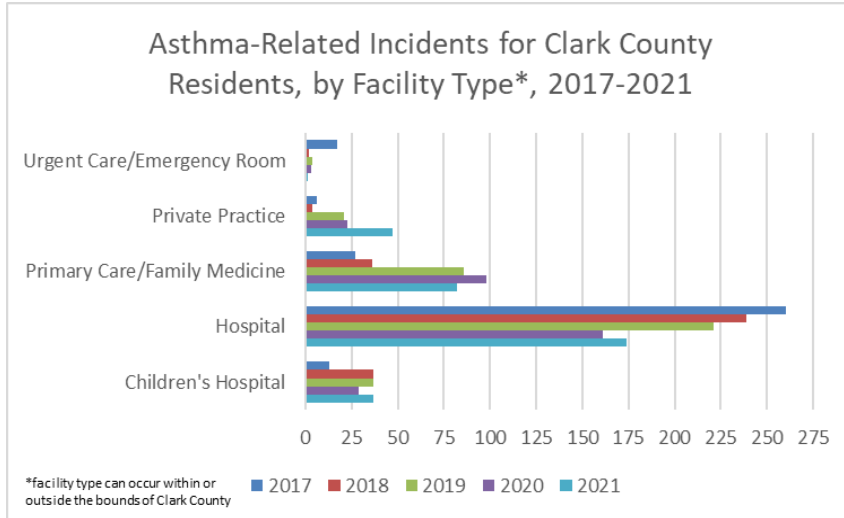


Figure 2: Asthma-related incidents for Clark County residents by facility type, 2017-2021

Hospitals see the highest amount of Clark County residents for asthma-related incidents. Followed by Primary Care/Family Medicine (PC/FM) facilities. Hospitals have seen a decrease in incidents, while PC/FM facilities have been increasing up until 2020, then decreased in 2021 (Figure 2).

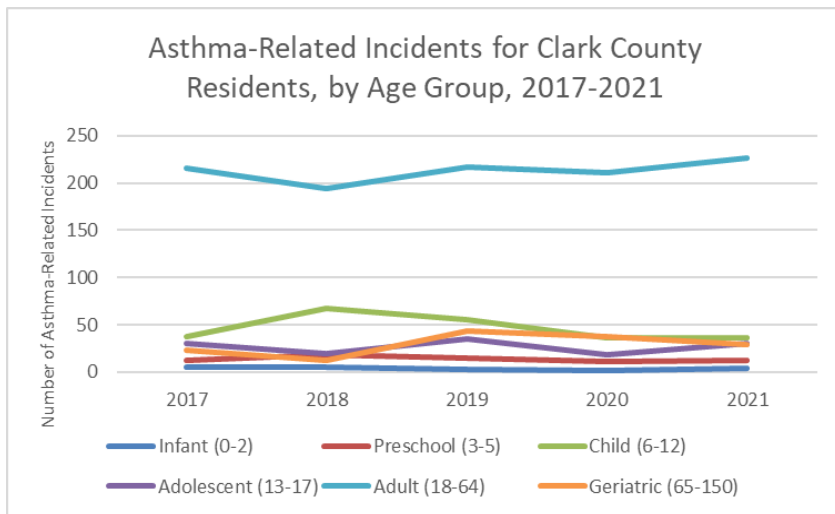


Figure 3: Asthma-related incidents for Clark County residents by age group, 2017-2021

The adult (18-64) age group has the most asthma-related incidents for Clark County residents; however, this group also has the widest age range (Figure 3).

Quick Facts

- An asthma attack includes coughing, chest tightness, wheezing, and/or trouble breathing when exposed to an **asthma trigger**
- Asthma is controlled with medicine; however, not everyone takes the same medicine
- 9.9% of Ohio adult residents have asthma and 144 residents have died from it (2020)²

Asthma trigger: genetic, environmental, and occupational factors (*mold, dust mites, secondhand tobacco smoke, air pollution, and more*)

² https://www.cdc.gov/asthma/most_recent_data_states.htm