



Respiratory Viruses

Groups Most Impacted—Emergency Department Visits

Provides an update on which groups are currently most affected by illness from COVID-19, influenza, and RSV.

Groups Most Impacted Update:

- The percentage of all emergency department visits with a discharge diagnosis of COVID is highest among adults 65+ and children under two years; visits due to RSV are highest among children under 4 years; influenza visits are highest among school aged children (5-17 years).
- Rates of COVID-19-associated hospitalizations are elevated for infants and young children and highest among older adults. RSV-associated hospitalization rates are elevated among children under 4 years and are increasing among adults 65+. Rates of influenza-associated hospitalizations continue to increase and adults 65+ have the highest rate. Unadjusted influenza hospitalization rates are highest in non-Hispanic Black persons compared with other racial and ethnic groups.
- Nationally, the percent of deaths due to respiratory viruses (COVID-19, influenza, and RSV combined) is highest among adults 65+, driven by deaths in COVID-19.

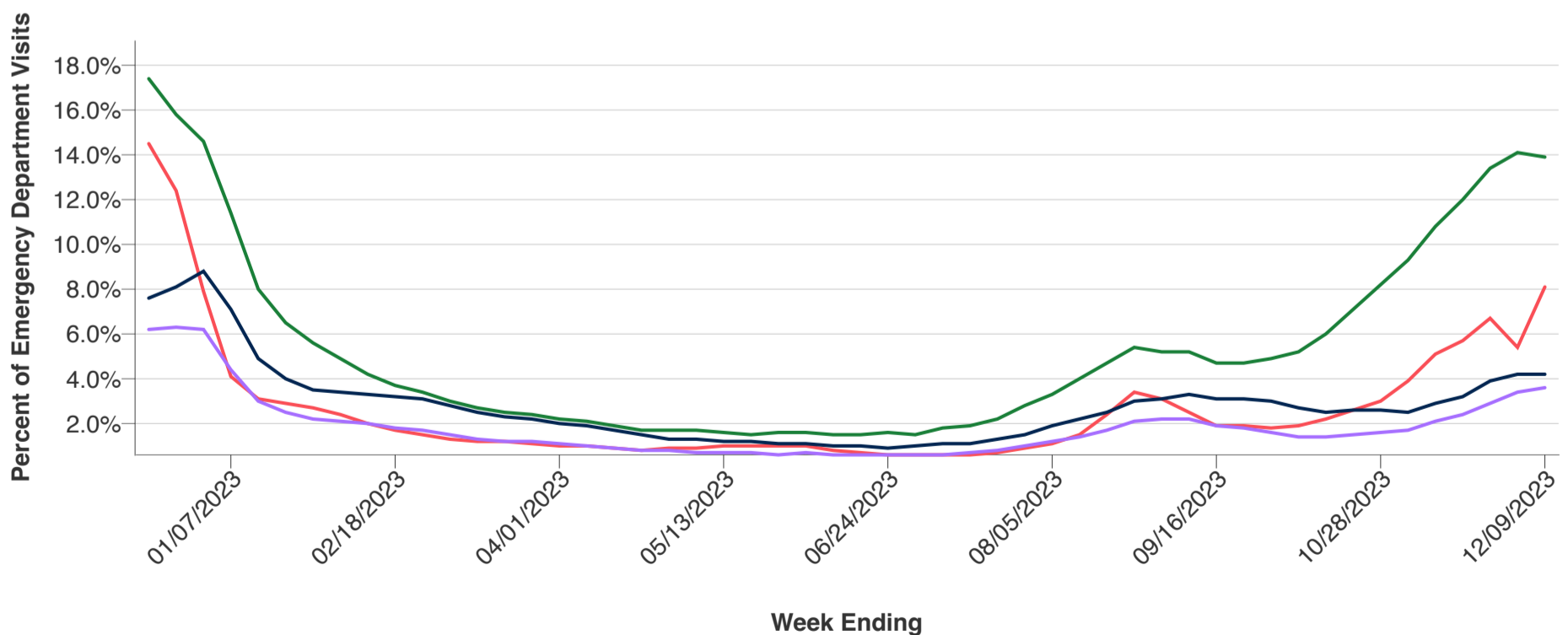
Reported on Friday, December 15th, 2023.

Emergency Department Visits for Viral Respiratory Illness, by Age

Weekly percent of total emergency department visits associated with COVID-19, influenza, and RSV.

Respiratory Illness

Combined ▾



Age Groups

- 0-4 years
- 5-17 years
- 18-64 years
- 65+ years

Data Table				
Week Ending	0-4 years	5-17 years	18-64 years	65+ years
12/17/2022	17.4%	14.5%	6.2%	7.6%
12/24/2022	15.8%	12.4%	6.3%	8.1%
12/31/2022	14.6%	7.9%	6.2%	8.8%
01/07/2023	11.4%	4.1%	4.4%	7.1%
01/14/2023	8.0%	3.1%	3.0%	4.9%
01/21/2023	6.5%	2.9%	2.5%	4.0%
01/28/2023	5.6%	2.7%	2.2%	3.5%
02/04/2023	4.9%	2.4%	2.1%	3.4%
02/11/2023	4.2%	2.0%	2.0%	3.3%
02/18/2023	3.7%	1.7%	1.8%	3.2%
02/25/2023	3.4%	1.5%	1.7%	3.1%
03/04/2023	3.0%	1.3%	1.5%	2.8%
03/11/2023	2.7%	1.2%	1.3%	2.5%
03/18/2023	2.5%	1.2%	1.2%	2.3%
03/25/2023	2.4%	1.1%	1.2%	2.2%
04/01/2023	2.2%	1.0%	1.1%	2.0%
04/08/2023	2.1%	1.0%	1.0%	1.9%
04/15/2023	1.9%	0.9%	0.9%	1.7%
04/22/2023	1.7%	0.8%	0.8%	1.5%
04/29/2023	1.7%	0.9%	0.8%	1.3%
05/06/2023	1.7%	0.9%	0.7%	1.3%
05/13/2023	1.6%	1.0%	0.7%	1.2%
05/20/2023	1.5%	1.0%	0.7%	1.2%
05/27/2023	1.6%	1.0%	0.6%	1.1%
06/03/2023	1.6%	1.0%	0.7%	1.1%
06/10/2023	1.5%	0.8%	0.6%	1.0%
06/17/2023	1.5%	0.7%	0.6%	1.0%
06/24/2023	1.6%	0.6%	0.6%	0.9%
07/01/2023	1.5%	0.6%	0.6%	1.0%
07/08/2023	1.8%	0.6%	0.6%	1.1%
07/15/2023	1.9%	0.6%	0.7%	1.1%
07/22/2023	2.2%	0.7%	0.8%	1.3%
07/29/2023	2.8%	0.9%	1.0%	1.5%
08/05/2023	3.3%	1.1%	1.2%	1.9%
08/12/2023	4.0%	1.5%	1.4%	2.2%
08/19/2023	4.7%	2.4%	1.7%	2.5%
08/26/2023	5.4%	3.4%	2.1%	3.0%
09/02/2023	5.2%	3.1%	2.2%	3.1%
09/09/2023	5.2%	2.5%	2.2%	3.3%
09/16/2023	4.7%	1.9%	1.9%	3.1%
09/23/2023	4.7%	1.9%	1.8%	3.1%

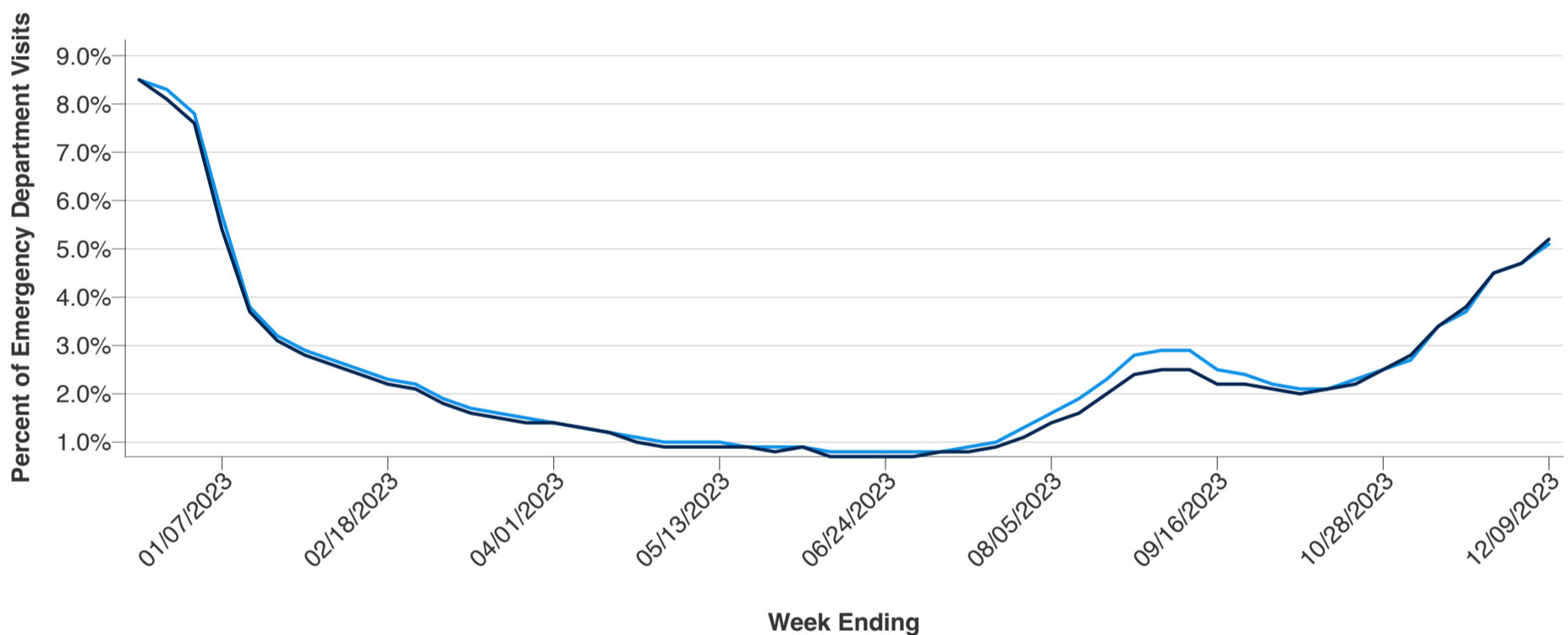
Week Ending	0-4 years	5-17 years	18-64 years	65+ years
09/30/2023	4.9%	1.8%	1.6%	3.0%
10/07/2023	5.2%	1.9%	1.4%	2.7%
10/14/2023	6.0%	2.2%	1.4%	2.5%
10/21/2023	7.1%	2.6%	1.5%	2.6%
10/28/2023	8.2%	3.0%	1.6%	2.6%
11/04/2023	9.3%	3.9%	1.7%	2.5%
11/11/2023	10.8%	5.1%	2.1%	2.9%
11/18/2023	12.0%	5.7%	2.4%	3.2%
11/25/2023	13.4%	6.7%	2.9%	3.9%
12/02/2023	14.1%	5.4%	3.4%	4.2%
12/09/2023	13.9%	8.1%	3.6%	4.2%

Emergency Department Visits for Viral Respiratory Illness, by Sex

Weekly percent of total emergency department visits associated with COVID-19, influenza, and RSV.

Respiratory Illness

Combined ▾



Sex

● Female ● Male

Data presented through: 12/09/2023; Data as of: 12/13/2023

[Dataset on data.cdc.gov](#) | [Link to Dataset](#)

Data Table		
Week Ending	Female	Male
12/17/2022	8.5%	8.5%
12/24/2022	8.3%	8.1%
12/31/2022	7.8%	7.6%
01/07/2023	5.7%	5.4%
01/14/2023	3.8%	3.7%

Week Ending	Female	Male
01/21/2023	3.2%	3.1%
01/28/2023	2.9%	2.8%
02/04/2023	2.7%	2.6%
02/11/2023	2.5%	2.4%
02/18/2023	2.3%	2.2%
02/25/2023	2.2%	2.1%
03/04/2023	1.9%	1.8%
03/11/2023	1.7%	1.6%
03/18/2023	1.6%	1.5%
03/25/2023	1.5%	1.4%
04/01/2023	1.4%	1.4%
04/08/2023	1.3%	1.3%
04/15/2023	1.2%	1.2%
04/22/2023	1.1%	1.0%
04/29/2023	1.0%	0.9%
05/06/2023	1.0%	0.9%
05/13/2023	1.0%	0.9%
05/20/2023	0.9%	0.9%
05/27/2023	0.9%	0.8%
06/03/2023	0.9%	0.9%
06/10/2023	0.8%	0.7%
06/17/2023	0.8%	0.7%
06/24/2023	0.8%	0.7%
07/01/2023	0.8%	0.7%
07/08/2023	0.8%	0.8%
07/15/2023	0.9%	0.8%
07/22/2023	1.0%	0.9%
07/29/2023	1.3%	1.1%
08/05/2023	1.6%	1.4%
08/12/2023	1.9%	1.6%
08/19/2023	2.3%	2.0%
08/26/2023	2.8%	2.4%
09/02/2023	2.9%	2.5%
09/09/2023	2.9%	2.5%
09/16/2023	2.5%	2.2%
09/23/2023	2.4%	2.2%
09/30/2023	2.2%	2.1%
10/07/2023	2.1%	2.0%
10/14/2023	2.1%	2.1%
10/21/2023	2.3%	2.2%
10/28/2023	2.5%	2.5%
11/04/2023	2.7%	2.8%
11/11/2023	3.4%	3.4%
11/18/2023	3.7%	3.8%

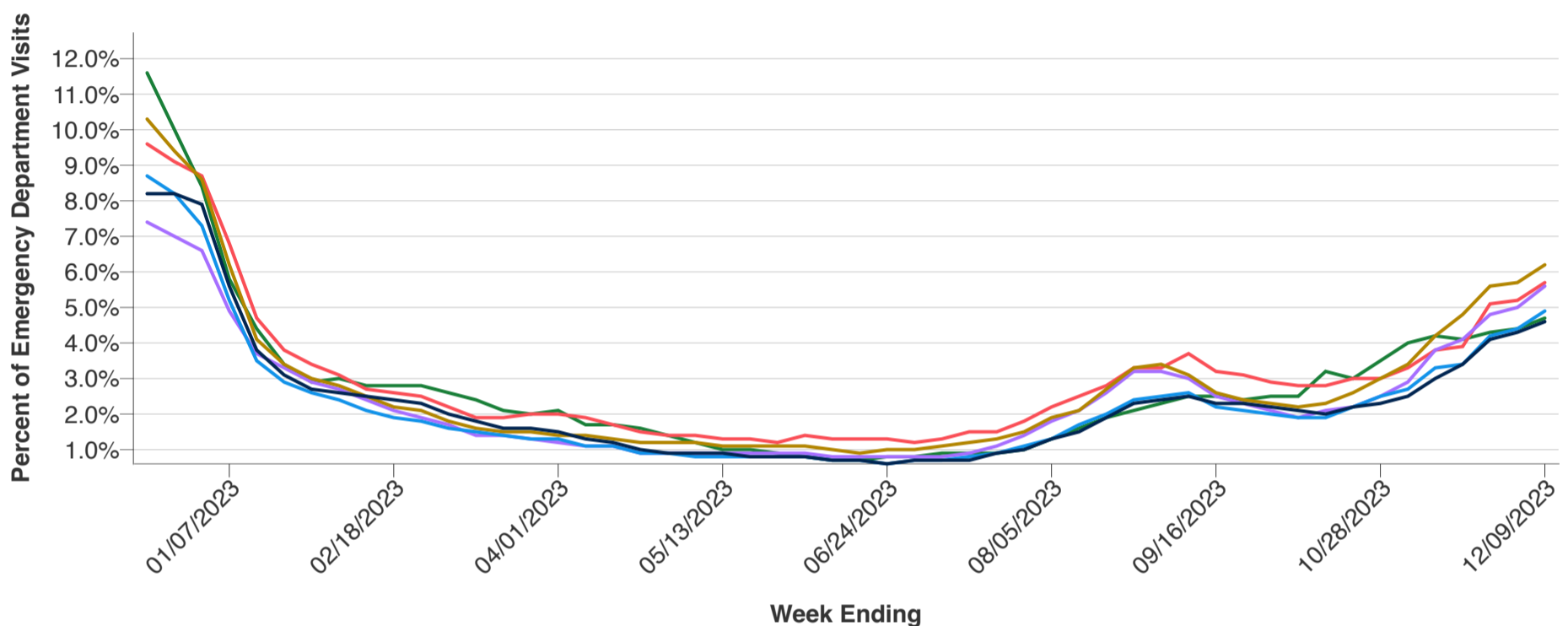
Week Ending	Female	Male
11/25/2023	4.5%	4.5%
12/02/2023	4.7%	4.7%
12/09/2023	5.1%	5.2%

Emergency Department Visits for Viral Respiratory Illness, by Race and Ethnicity

Weekly percent of total emergency department visits associated with COVID-19, influenza, and RSV.

Respiratory Illness

Combined ▾



Race and Ethnicity

● AI/AN, NH
 ● Asian, PI, NH
 ● Black, NH
 ● Hispanic
 ● Multiple/Other, NH
 ● White, NH

NH = non-Hispanic, AI/AN = American Indian/Alaska Native, PI = Pacific Islander

Data presented through: 12/09/2023; Data as of: 12/13/2023

[Dataset on data.cdc.gov](#) | [Link to Dataset](#)

Week Endi...	AI/AN, NH	Asian, PI, ...	Black, NH	Hispanic	Multiple/Ot...	White, NH
12/17/2022	11.6%	9.6%	7.4%	10.3%	8.7%	8.2%
12/24/2022	10.0%	9.1%	7.0%	9.4%	8.2%	8.2%
12/31/2022	8.4%	8.7%	6.6%	8.6%	7.3%	7.9%
01/07/2023	5.8%	6.8%	4.9%	6.2%	5.2%	5.6%
01/14/2023	4.4%	4.7%	3.7%	4.1%	3.5%	3.8%
01/21/2023	3.4%	3.8%	3.3%	3.4%	2.9%	3.1%
01/28/2023	2.9%	3.4%	2.9%	3.0%	2.6%	2.7%
02/04/2023	3.0%	3.1%	2.7%	2.8%	2.4%	2.6%
02/11/2023	2.8%	2.7%	2.4%	2.5%	2.1%	2.5%
02/18/2023	2.8%	2.6%	2.1%	2.2%	1.9%	2.4%
02/25/2023	2.8%	2.5%	1.9%	2.1%	1.8%	2.3%
03/04/2023	2.6%	2.2%	1.7%	1.8%	1.6%	2.0%

Week Endi...	AI/AN, NH	Asian, PI, ...	Black, NH	Hispanic	Multiple/Ot...	White, NH
03/11/2023	2.4%	1.9%	1.4%	1.6%	1.5%	1.8%
03/18/2023	2.1%	1.9%	1.4%	1.5%	1.4%	1.6%
03/25/2023	2.0%	2.0%	1.3%	1.5%	1.3%	1.6%
04/01/2023	2.1%	2.0%	1.2%	1.4%	1.3%	1.5%
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04/15/2023	1.7%	1.7%	1.1%	1.3%	1.1%	1.2%
04/22/2023	1.6%	1.5%	0.9%	1.2%	0.9%	1.0%
04/29/2023	1.4%	1.4%	0.9%	1.2%	0.9%	0.9%
05/06/2023	1.2%	1.4%	0.9%	1.2%	0.8%	0.9%
05/13/2023	1.0%	1.3%	0.9%	1.1%	0.8%	0.9%
05/20/2023	1.0%	1.3%	0.9%	1.1%	0.8%	0.8%
05/27/2023	0.9%	1.2%	0.9%	1.1%	0.8%	0.8%
06/03/2023	0.8%	1.4%	0.9%	1.1%	0.8%	0.8%
06/10/2023	0.7%	1.3%	0.8%	1.0%	0.7%	0.7%
06/17/2023	0.7%	1.3%	0.8%	0.9%	0.7%	0.7%
06/24/2023	0.8%	1.3%	0.8%	1.0%	0.6%	0.6%
07/01/2023	0.8%	1.2%	0.8%	1.0%	0.7%	0.7%
07/08/2023	0.9%	1.3%	0.8%	1.1%	0.7%	0.7%
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07/22/2023	0.9%	1.5%	1.1%	1.3%	0.9%	0.9%
07/29/2023	1.0%	1.8%	1.4%	1.5%	1.1%	1.0%
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08/19/2023	1.9%	2.8%	2.6%	2.7%	2.0%	1.9%
08/26/2023	2.1%	3.3%	3.2%	3.3%	2.4%	2.3%
09/02/2023	2.3%	3.3%	3.2%	3.4%	2.5%	2.4%
09/09/2023	2.5%	3.7%	3.0%	3.1%	2.6%	2.5%
09/16/2023	2.5%	3.2%	2.5%	2.6%	2.2%	2.3%
09/23/2023	2.4%	3.1%	2.3%	2.4%	2.1%	2.3%
09/30/2023	2.5%	2.9%	2.1%	2.3%	2.0%	2.2%
10/07/2023	2.5%	2.8%	1.9%	2.2%	1.9%	2.1%
10/14/2023	3.2%	2.8%	2.1%	2.3%	1.9%	2.0%
10/21/2023	3.0%	3.0%	2.2%	2.6%	2.2%	2.2%
10/28/2023	3.5%	3.0%	2.5%	3.0%	2.5%	2.3%
11/04/2023	4.0%	3.3%	2.9%	3.4%	2.7%	2.5%
11/11/2023	4.2%	3.8%	3.8%	4.2%	3.3%	3.0%
11/18/2023	4.1%	3.9%	4.1%	4.8%	3.4%	3.4%
11/25/2023	4.3%	5.1%	4.8%	5.6%	4.2%	4.1%
12/02/2023	4.4%	5.2%	5.0%	5.7%	4.4%	4.3%
12/09/2023	4.7%	5.7%	5.6%	6.2%	4.9%	4.6%



- **SOURCE:** National Syndromic Surveillance Program: <https://www.cdc.gov/nssp/index.html>
- Combined is the sum of COVID-19, influenza, and respiratory syncytial virus (RSV) emergency department visits.
- For more detailed information on these data please see the [Companion Guide: NSSP Emergency Department Data on Respiratory Illness](#)

Explore deeper data

National Emergency Department Visits for COVID-19, Influenza, and RSV

U.S. Trends in Emergency Department Visits for COVID-19



PREVIOUS

Severe Viral Respiratory Illness

NEXT

Groups Most Impacted: Hospitalizations

