COVID-19 in Youth and Young Adults in Maine

March 12, 2020 - October 31, 2022

Total Number of Confirmed and Probable COVID-19 Cases Among Youth and Young Adults Age < 25:

97,026

Total Number of Confirmed and Probable COVID-19 Cases Among Mainers of All Age Groups:

298,312

Total Number of Cases by Age Group	
0-4	12,579
5-9	18,060
10-14	19,438
15-19	22,050
20-24	24,899
25+	201,286

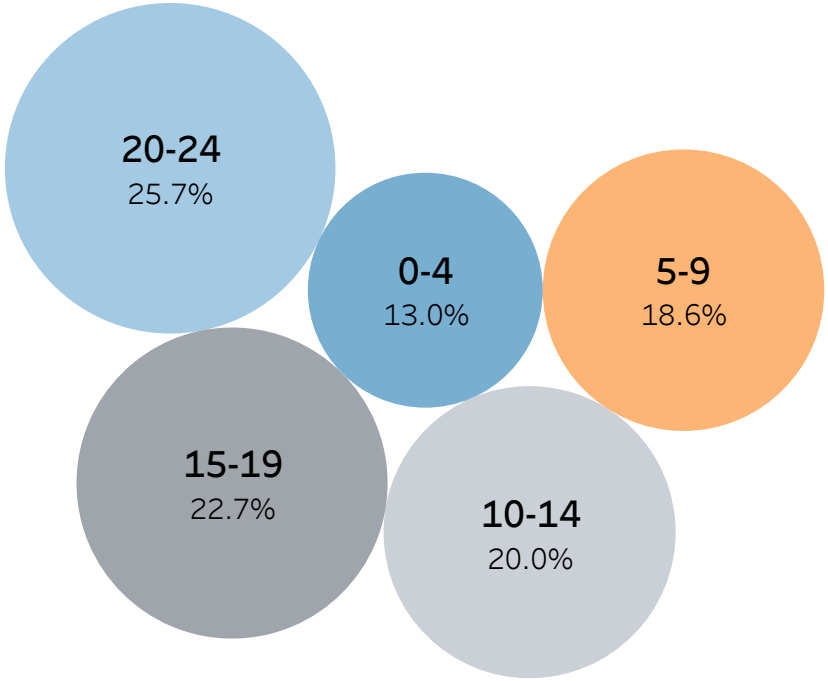
Percent of Total Cases Age < 25:

32.5%

Percent of Total Cases Age ≤ 18:

22.5%

Percent of Total Confirmed and Probable Youth Cases by Age Group



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)**
**Data includes positive test results from labs which are supplemented by information collected by case investigators. These are preliminary data that are subject to change.

Caption
Age group and % of Total Count of COVID-19 cases. Color shows details about age group. Size shows % of Total Count of COVID-19 cases. The marks are labeled by age group and % of Total Count of COVID-19 cases..

Hospitalizations in Youth COVID-19 Cases*

March 12, 2020 - October 31, 2022

Total Number of Hospitalizations Under Age 25:

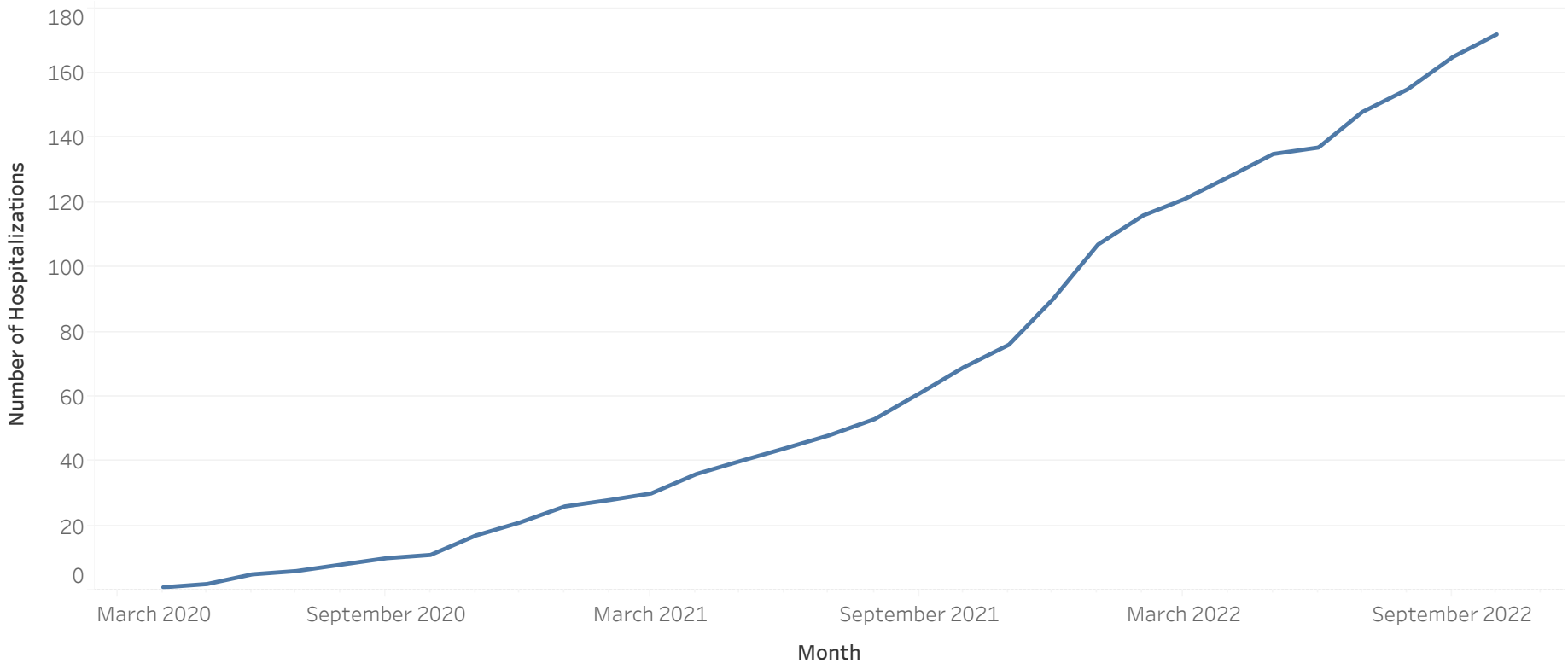
172

Age Breakdown of Hospitalized Youth Cases:

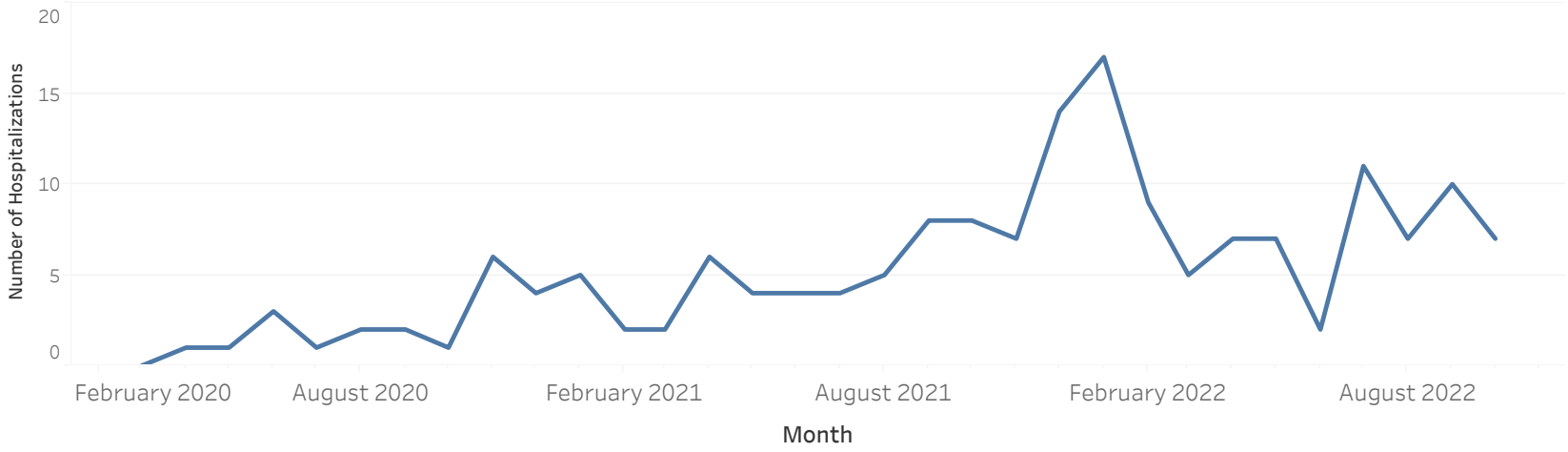
0-4	43.0%
5-9	5.8%
10-14	7.0%
15-19	16.3%
20-24	27.9%

*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOEs were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

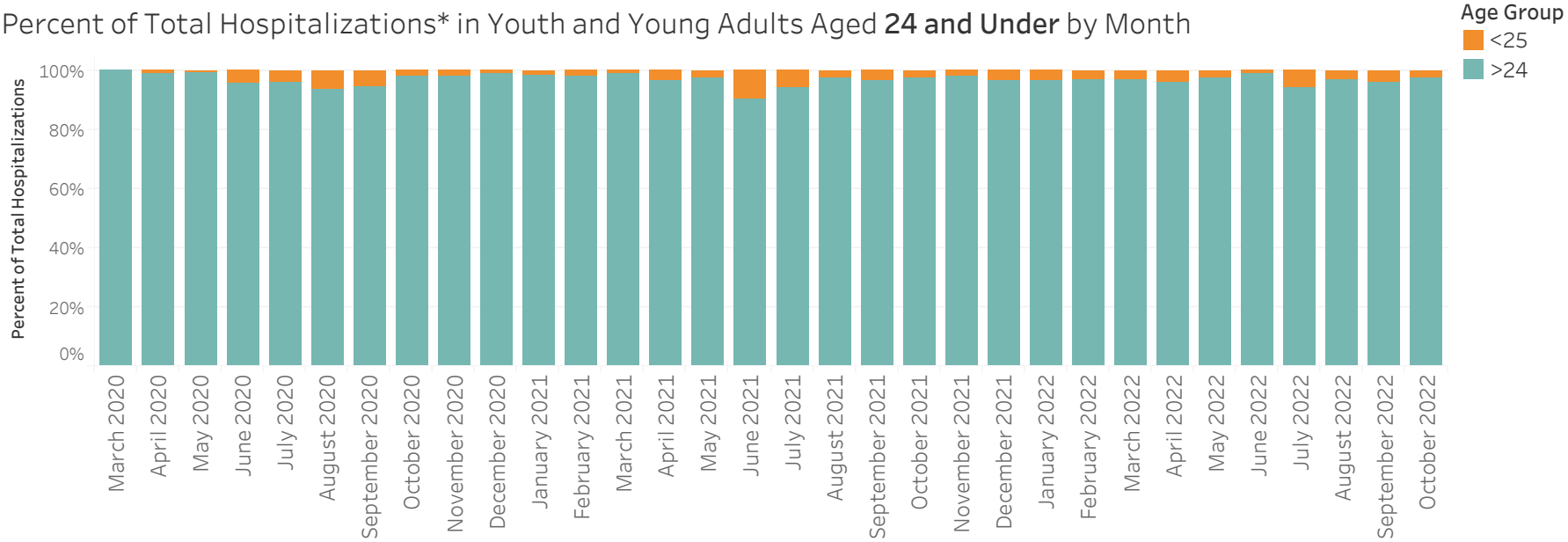
Cumulative Number of Hospitalizations in Youth and Young Adults Aged **24 and Under** Over Time



Number of Hospitalizations* in Youth and Young Adults Aged **24 and Under** by Month

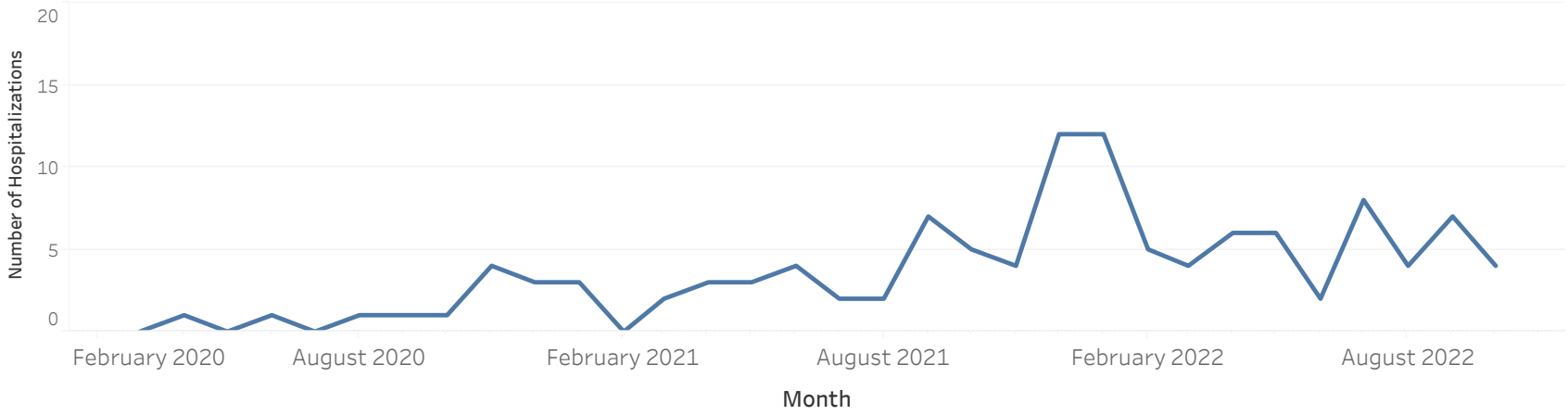


Percent of Total Hospitalizations* in Youth and Young Adults Aged **24 and Under** by Month

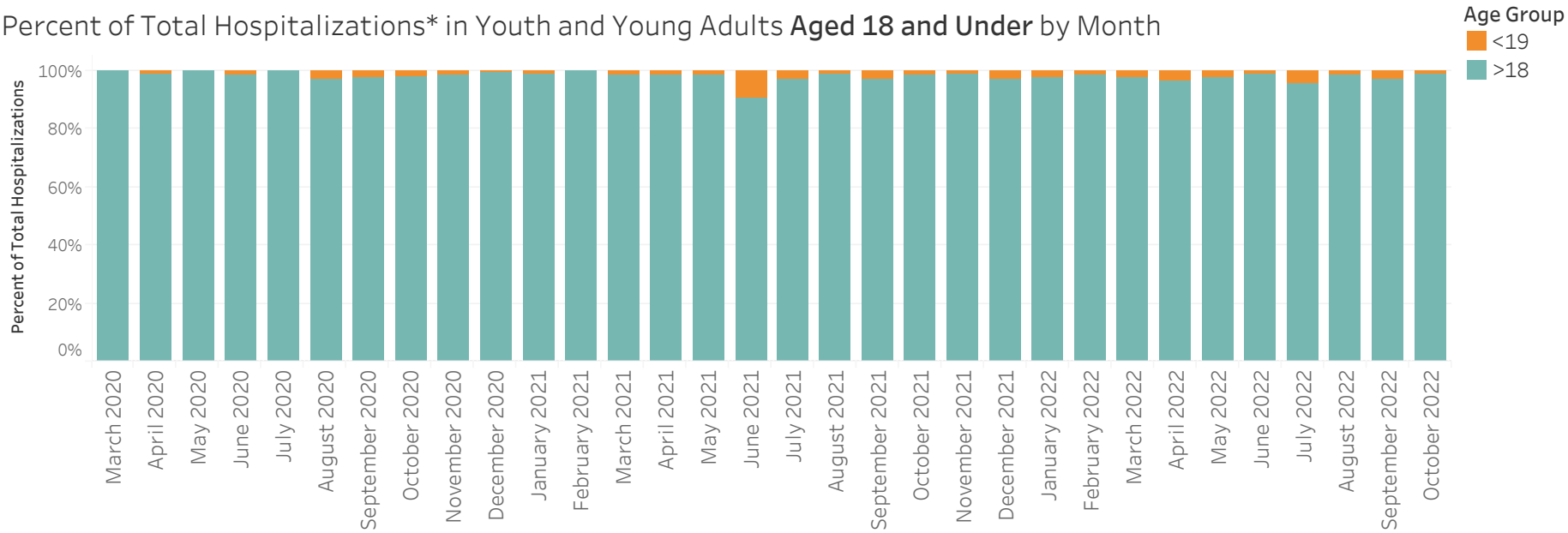


*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOEs were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

Number of Hospitalizations* in Youth and Young Adults Aged **18 and Under** by Month



Percent of Total Hospitalizations* in Youth and Young Adults **Aged 18 and Under** by Month



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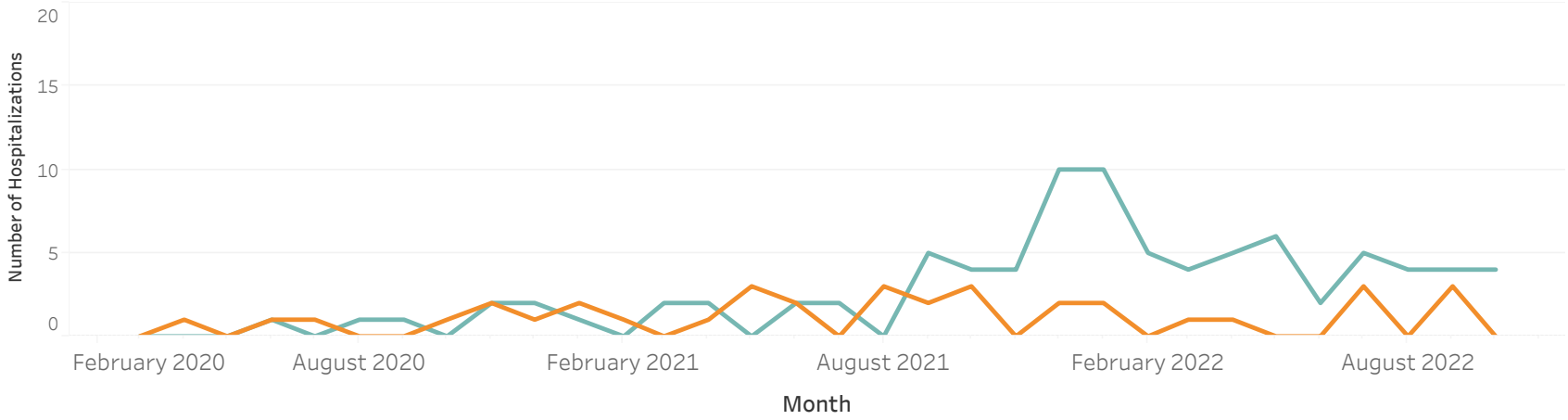
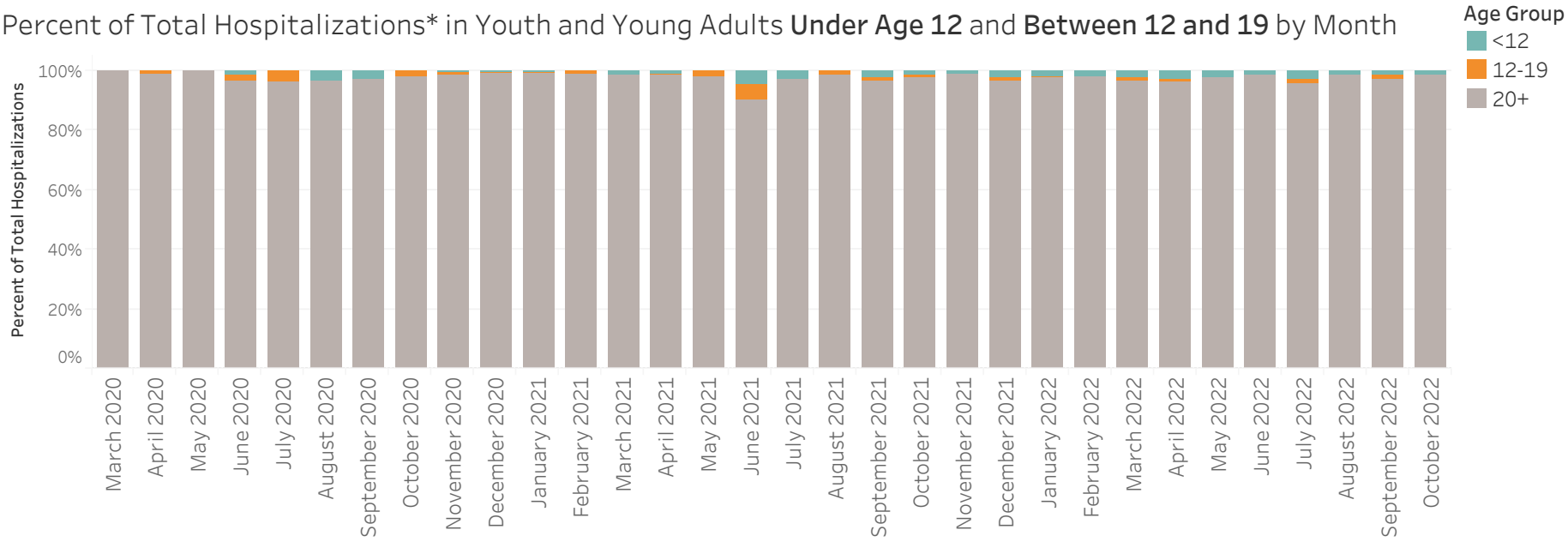
Number of Hospitalizations* in Youth and Young Adults **Under Age 12** and **Between 12 and 19** by Month



Percent of Total Hospitalizations* in Youth and Young Adults **Under Age 12** and **Between 12 and 19** by Month



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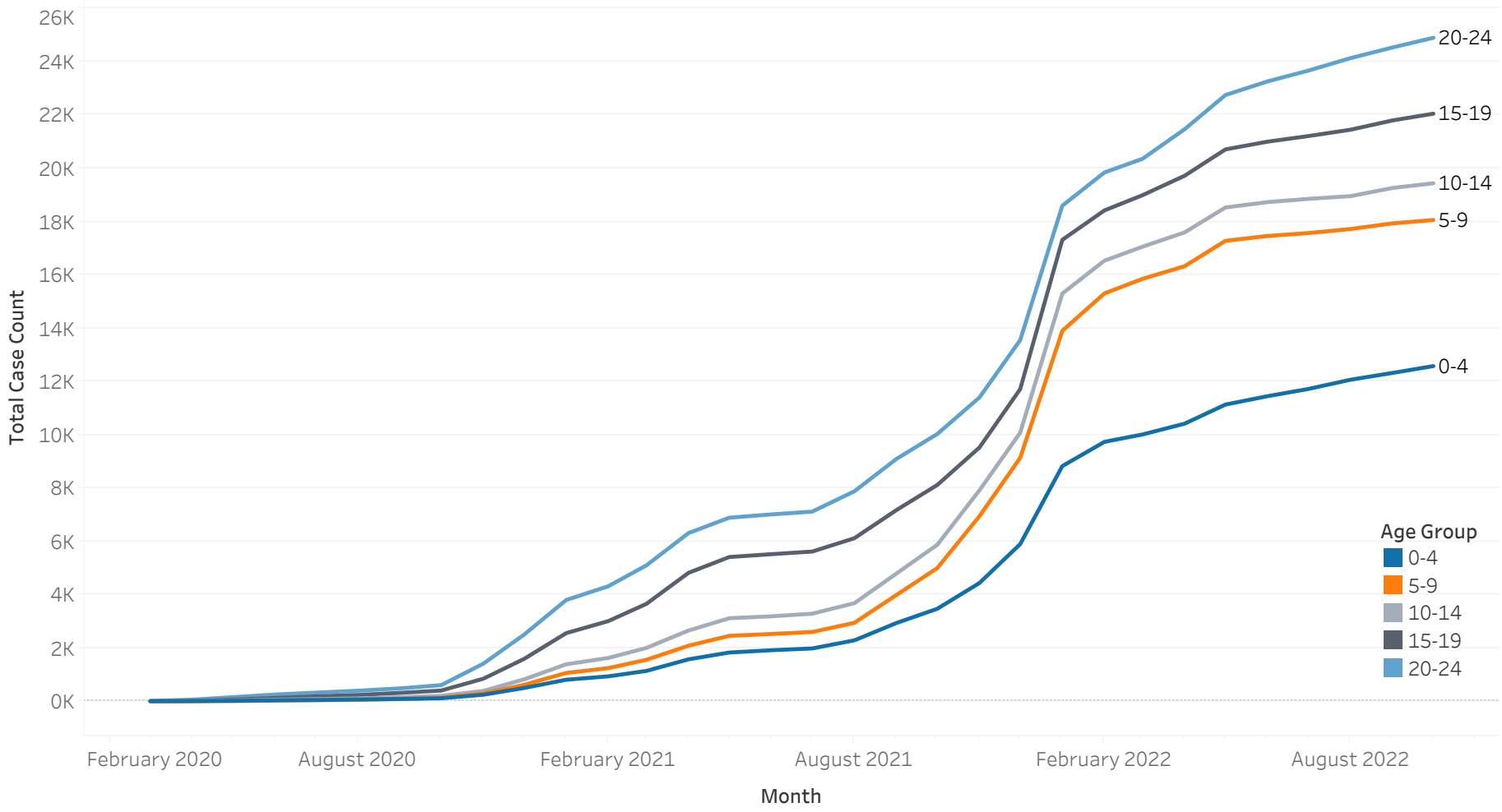
Cumulative Confirmed and Probable COVID-19 Cases in Youth < 25 by Month

March 12, 2020 - October 31, 2022



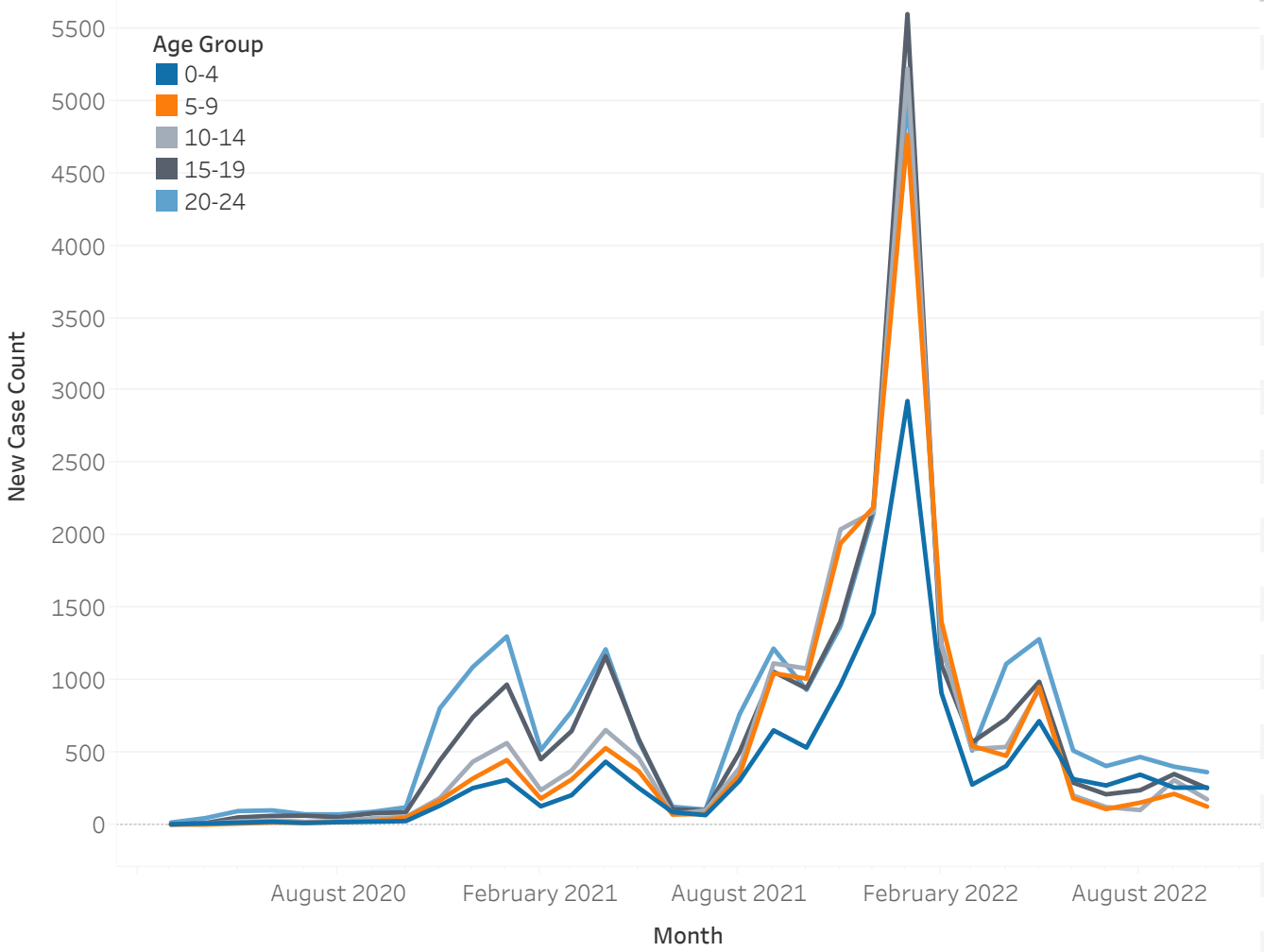
Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

Caption

The trend of running sum of COVID-19 cases for date reported (month). Color shows details about age group. The view is filtered on Exclusions (age group 25+).

Number of New Confirmed and Probable COVID-19 Cases Each Month in Youth < 25

March 12, 2020 - October 31, 2022



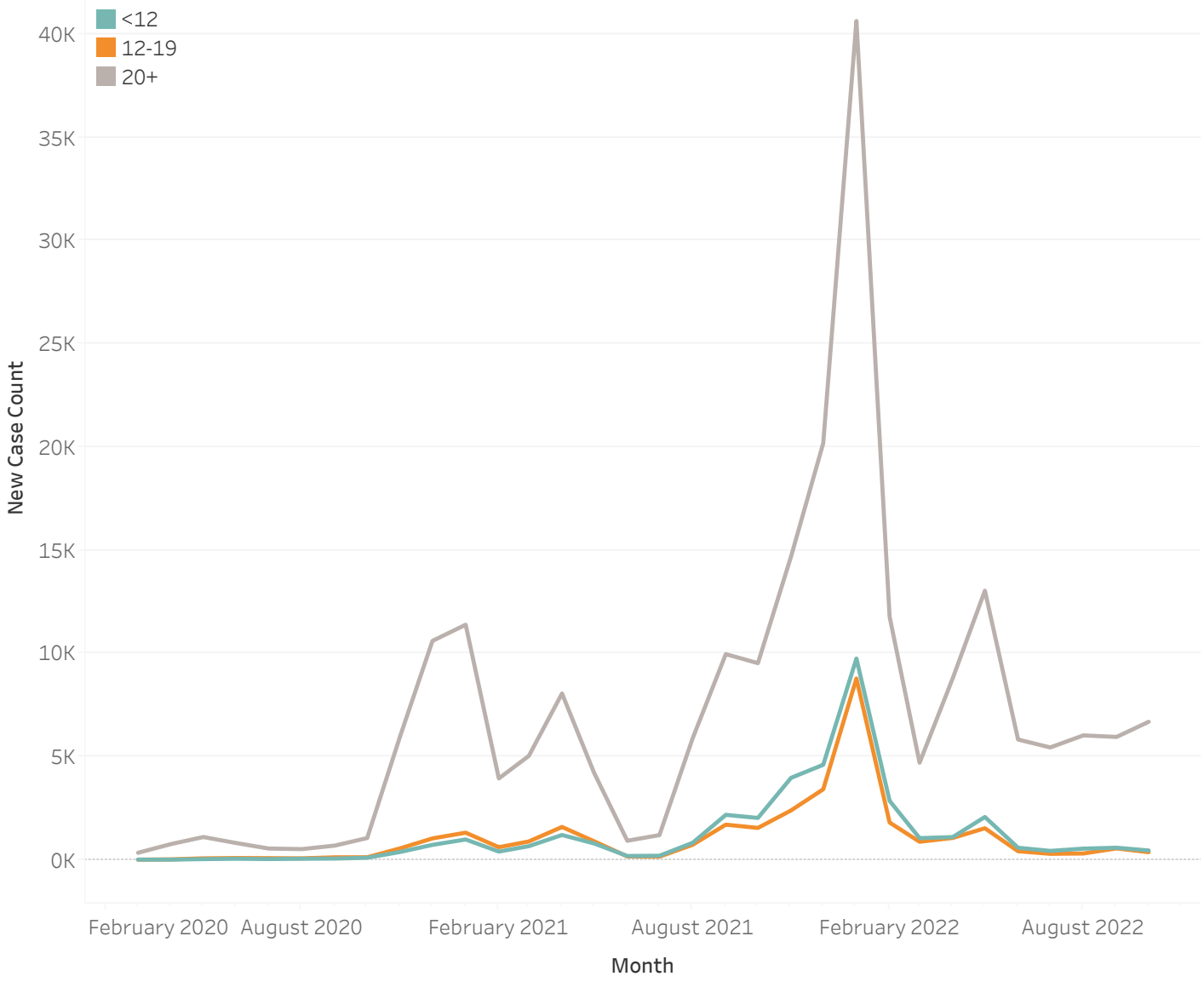
	0-4	5-9	10-14	15-19	20-24
March 2020	3	1	1	1	15
April 2020		1	7	11	45
May 2020	14	8	23	50	94
June 2020	20	15	30	61	99
July 2020	12	13	20	62	72
August 2020	18	17	25	52	71
September 2020	21	25	45	79	89
October 2020	25	49	53	86	120
November 2020	132	168	184	444	805
December 2020	253	319	435	743	1,090
January 2021	310	447	564	968	1,301
February 2021	127	180	239	452	516
March 2021	204	313	375	647	783
April 2021	435	529	654	1,164	1,212
May 2021	255	370	461	593	577
June 2021	87	70	72	107	124
July 2021	66	75	99	98	104
August 2021	304	343	393	501	763
September 2021	652	1,047	1,115	1,057	1,217
October 2021	533	1,009	1,079	941	932
November 2021	966	1,944	2,041	1,405	1,372
December 2021	1,461	2,193	2,162	2,193	2,153
January 2022	2,928	4,767	5,224	5,602	5,044
February 2022	909	1,404	1,234	1,104	1,247
March 2022	277	544	523	570	512
April 2022	406	476	537	731	1,111
May 2022	716	952	936	988	1,282
June 2022	315	183	201	290	512
July 2022	271	108	122	210	405
August 2022	346	152	101	238	468
September 2022	256	213	308	350	401
October 2022	257	125	175	252	363

Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

Caption: The trend of count of COVID-19 cases for date reported (month). Color shows details about age group. The view is filtered on Exclusions (age group 25+).

Number of New Confirmed and Probable COVID-19 Cases Each Month in Youth <12

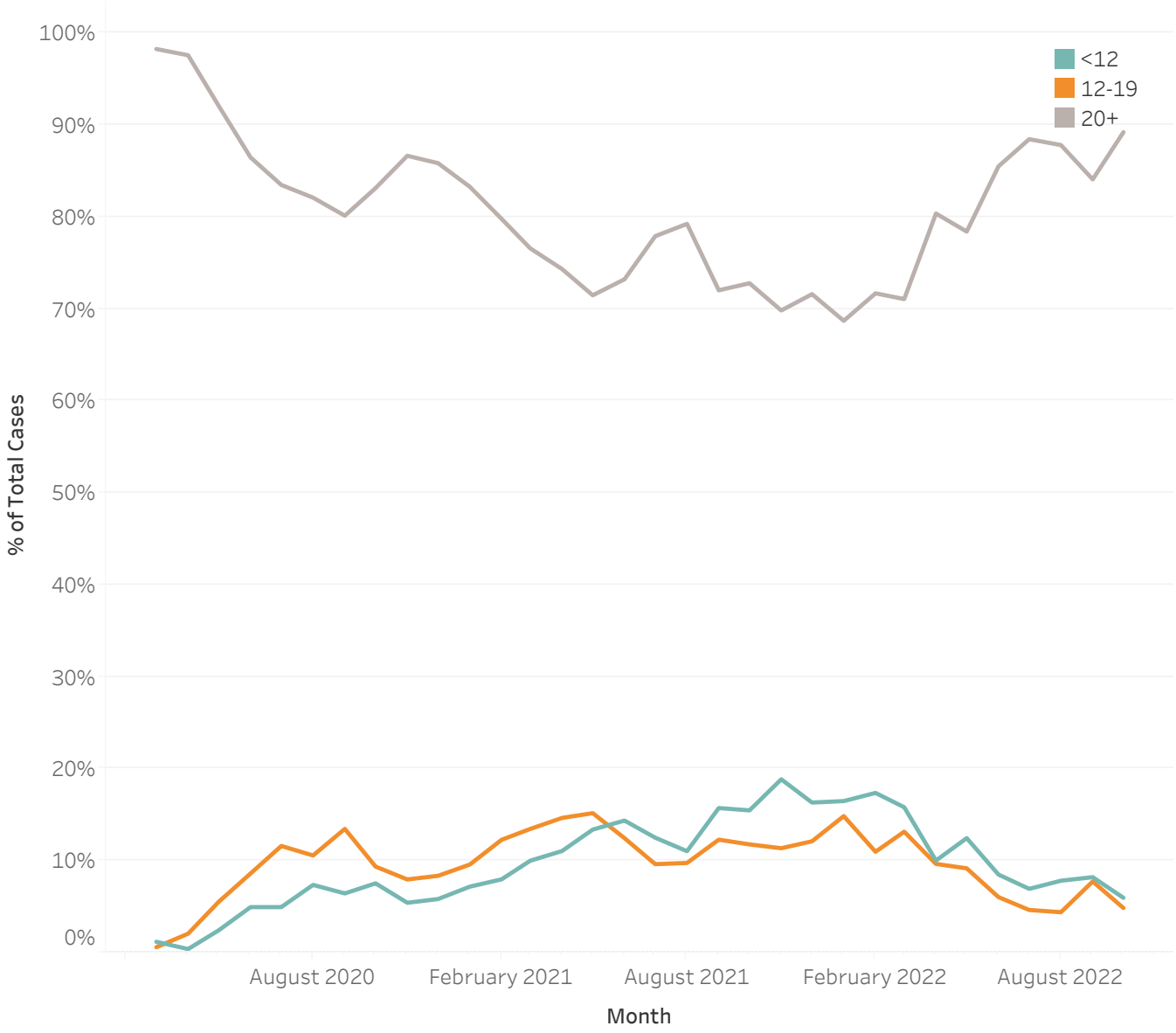
March 12, 2020 - October 31, 2022



	<12	12-19	20+
March 2020	4	2	335
April 2020	3	16	760
May 2020	29	66	1,098
June 2020	46	80	804
July 2020	32	75	540
August 2020	46	66	513
September 2020	55	115	685
October 2020	95	118	1,049
November 2020	376	552	6,014
December 2020	719	1,031	10,600
January 2021	980	1,309	11,384
February 2021	393	605	3,936
March 2021	656	883	5,028
April 2021	1,196	1,586	8,051
May 2021	787	892	4,205
June 2021	180	156	918
July 2021	191	147	1,191
August 2021	818	723	5,878
September 2021	2,173	1,698	9,958
October 2021	2,023	1,539	9,522
November 2021	3,967	2,389	14,700
December 2021	4,598	3,411	20,179
January 2022	9,744	8,777	40,632
February 2022	2,851	1,800	11,771
March 2022	1,045	869	4,698
April 2022	1,095	1,055	8,794
May 2022	2,069	1,523	13,032
June 2022	578	411	5,822
July 2022	426	285	5,438
August 2022	536	301	6,022
September 2022	580	547	5,947
October 2022	446	363	6,681

Percent of Total COVID-19 Cases in Youth <12 by Month

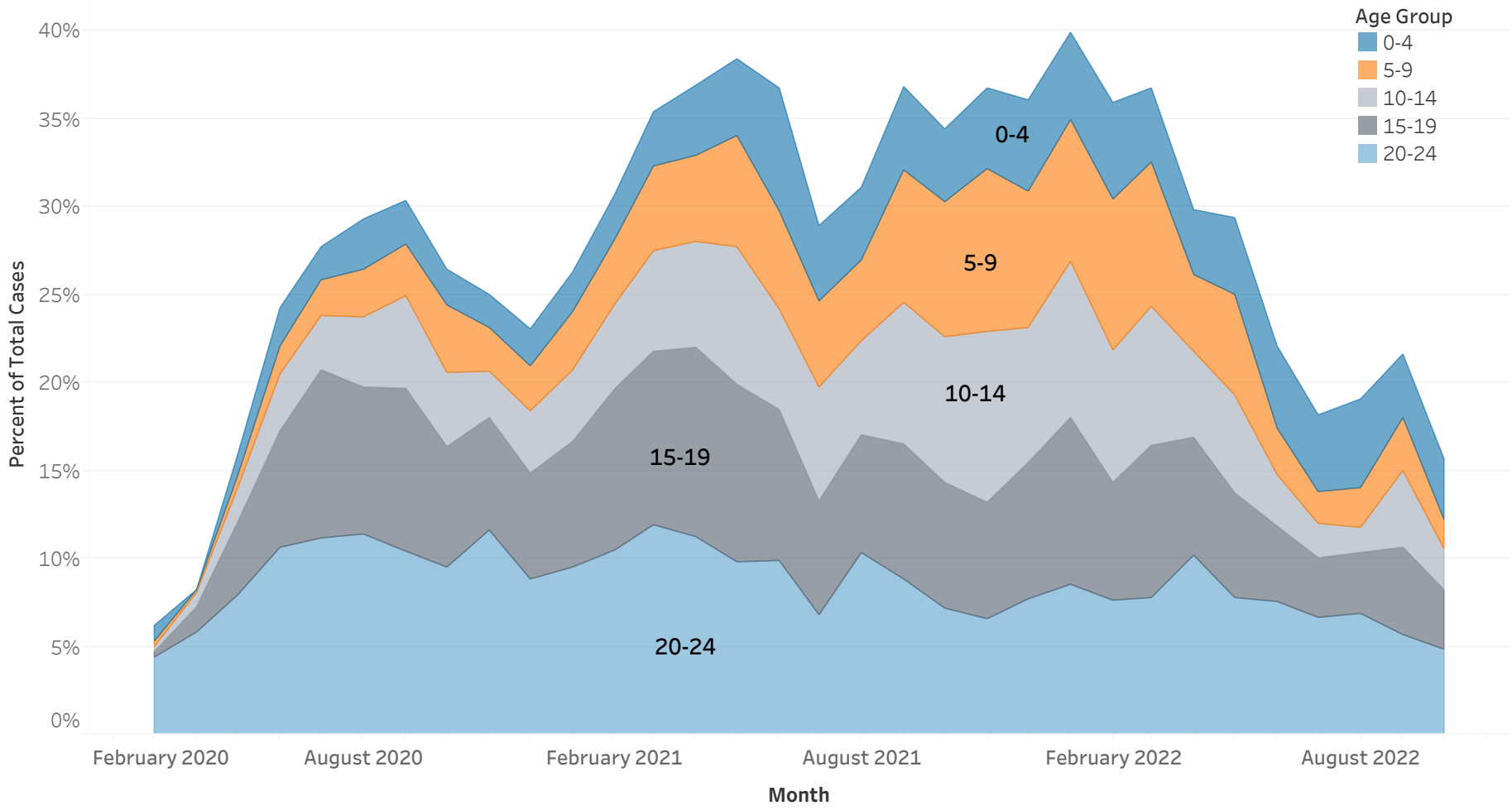
March 12, 2020 - October 31, 2022



	<12	12-19	20+
March 2020	1.17%	0.59%	98.24%
April 2020	0.39%	2.05%	97.56%
May 2020	2.43%	5.53%	92.04%
June 2020	4.95%	8.60%	86.45%
July 2020	4.95%	11.59%	83.46%
August 2020	7.36%	10.56%	82.08%
September 2020	6.43%	13.45%	80.12%
October 2020	7.53%	9.35%	83.12%
November 2020	5.42%	7.95%	86.63%
December 2020	5.82%	8.35%	85.83%
January 2021	7.17%	9.57%	83.26%
February 2021	7.97%	12.26%	79.77%
March 2021	9.99%	13.45%	76.56%
April 2021	11.04%	14.64%	74.32%
May 2021	13.38%	15.16%	71.46%
June 2021	14.35%	12.44%	73.21%
July 2021	12.49%	9.61%	77.89%
August 2021	11.03%	9.75%	79.23%
September 2021	15.71%	12.28%	72.01%
October 2021	15.46%	11.76%	72.78%
November 2021	18.84%	11.35%	69.81%
December 2021	16.31%	12.10%	71.59%
January 2022	16.47%	14.84%	68.69%
February 2022	17.36%	10.96%	71.68%
March 2022	15.80%	13.14%	71.05%
April 2022	10.01%	9.64%	80.35%
May 2022	12.45%	9.16%	78.39%
June 2022	8.49%	6.03%	85.48%
July 2022	6.93%	4.63%	88.44%
August 2022	7.81%	4.39%	87.80%
September 2022	8.20%	7.73%	84.07%
October 2022	5.95%	4.85%	89.20%

Age Group Distribution Trends in Confirmed and Probable COVID-19 Cases by Month Among Youth < 25

March 12, 2020 - October 31, 2022



Click on an age group to highlight the corresponding stack on the graph.

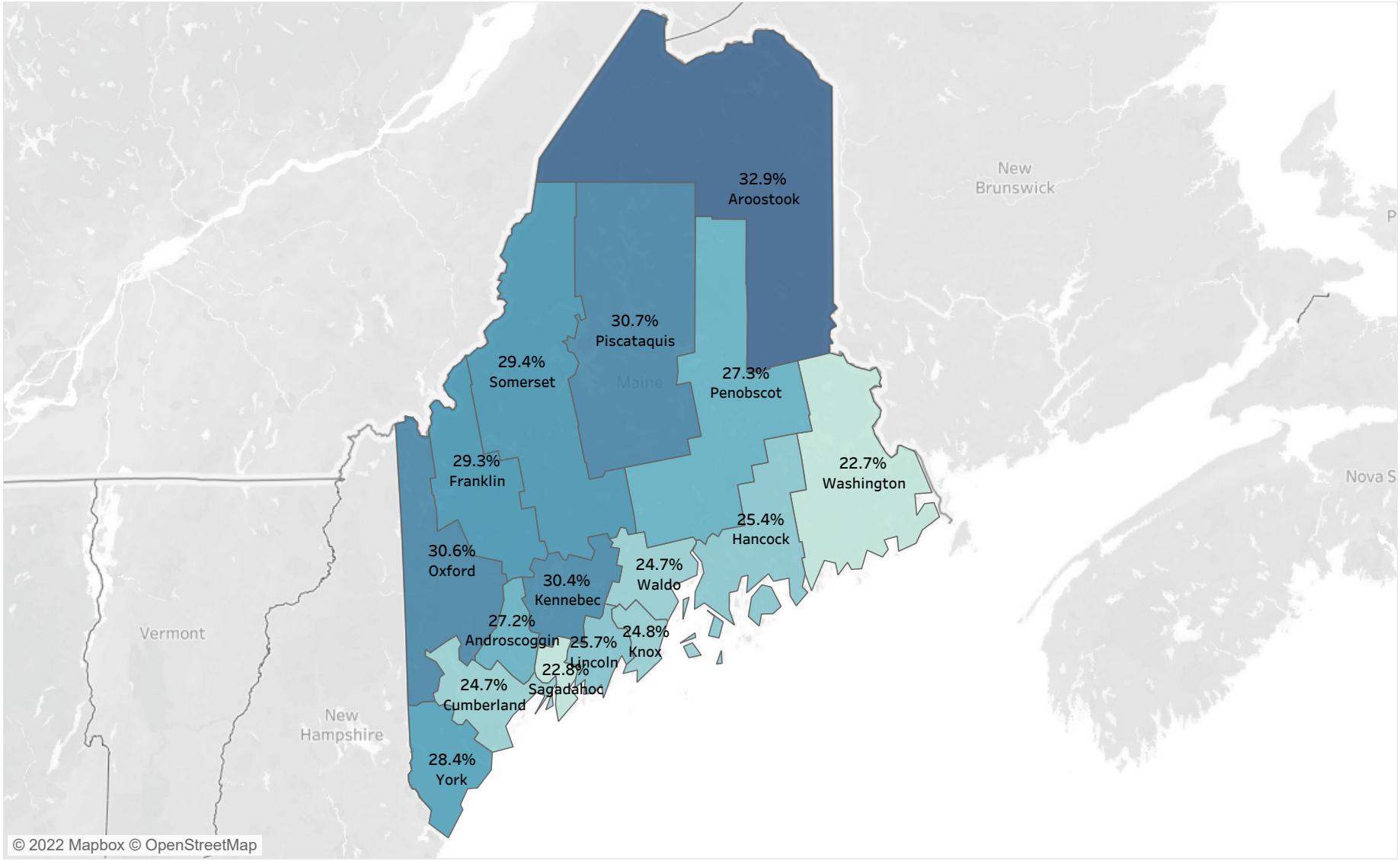
Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

Caption

The plot of % of Total Count of COVID-19 cases for date reported (month). Color shows details about age group. The data is filtered, hiding age group 25+.

Confirmed and Probable COVID-19 Youth <25 Case Rate by County

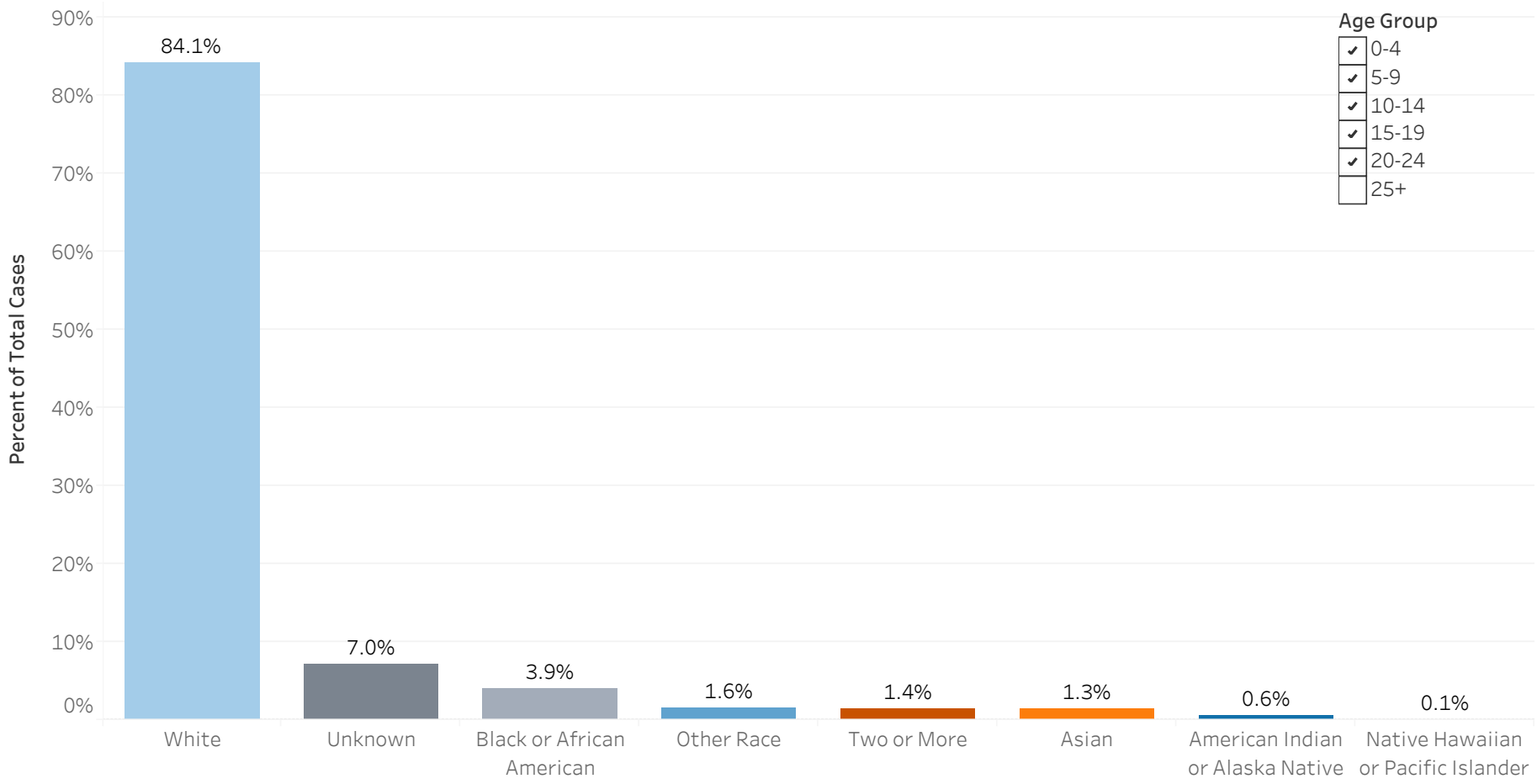
March 12, 2020 - October 31, 2022



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS). These are preliminary data that are subject to change.

Race and Ethnicity of Confirmed and Probable COVID-19 Cases Among Youth < 25

March 12, 2020 - October 31, 2022



Case counts <6 have been suppressed.
Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

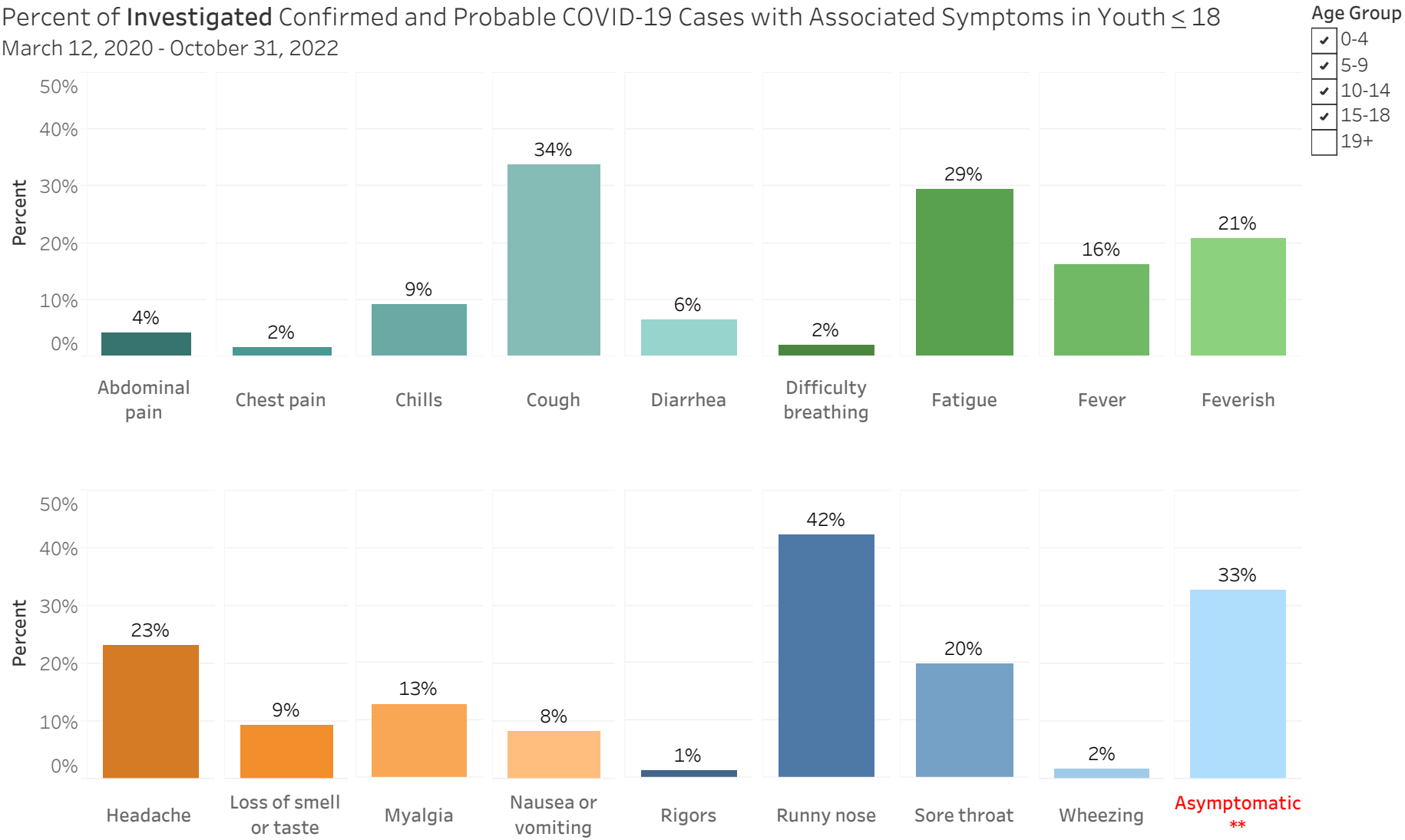
Patient Ethnicity Description	
Hispanic or Latino	2%
Not Hispanic or Latino	63%
unknown	35%

Caption

% of Total Count of COVID-19 cases for each Race. The marks are labeled by % of Total Count of COVID-19 cases. The data is filtered on Age Group and Suppress. The Age Group filter keeps selected age group. The Suppress filter keeps case counts ≥6.

Percent of **Investigated** Confirmed and Probable COVID-19 Cases with Associated Symptoms in Youth ≤ 18

March 12, 2020 - October 31, 2022



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

*These are preliminary data that are subject to change.

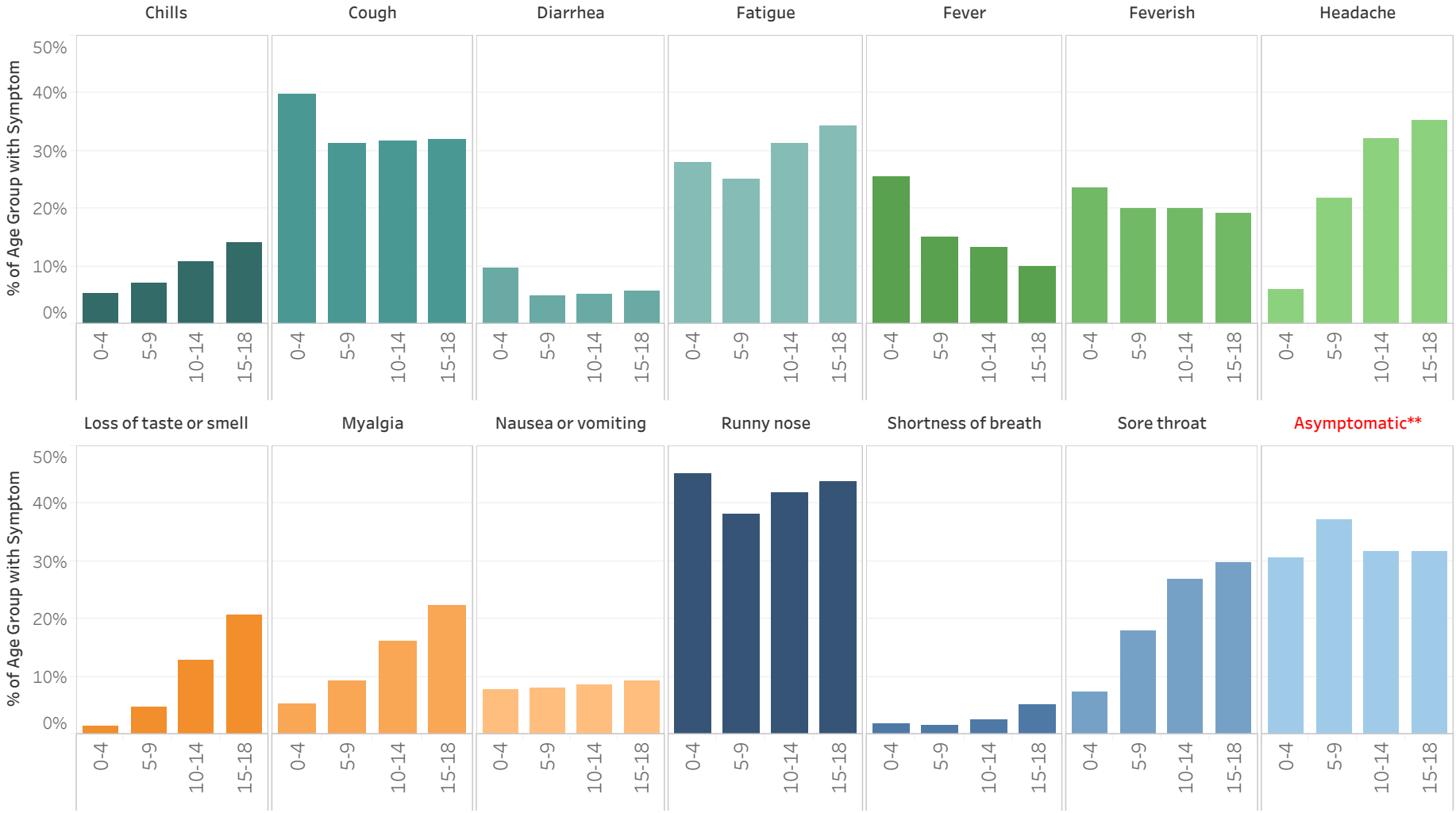
Note: After November 15, 2020, complete case investigations were only done for cases age 18 and under. Therefore, symptom data is incomplete for cases over age 18.

**These data are from the initial case investigation. Cases may have developed symptoms after the case investigation call.

Caption: % of Count of COVID-19 cases for each symptom. The marks are labeled by % of Count of COVID-19 cases who experienced each symptom. The data is filtered on age group. The Age Group filter allows the user to select an age group.

Percent of **Investigated** Confirmed and Probable COVID-19 Cases with Associated Symptoms by Age Group ≤ 18

March 12, 2020 - October 31, 2022



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

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Note: After November 15, 2020, complete case investigations were only done for cases age 18 and under. Therefore, symptom data is incomplete for cases over age 18.

**These data are from the initial case investigation. Cases may have developed symptoms after the case investigation call.

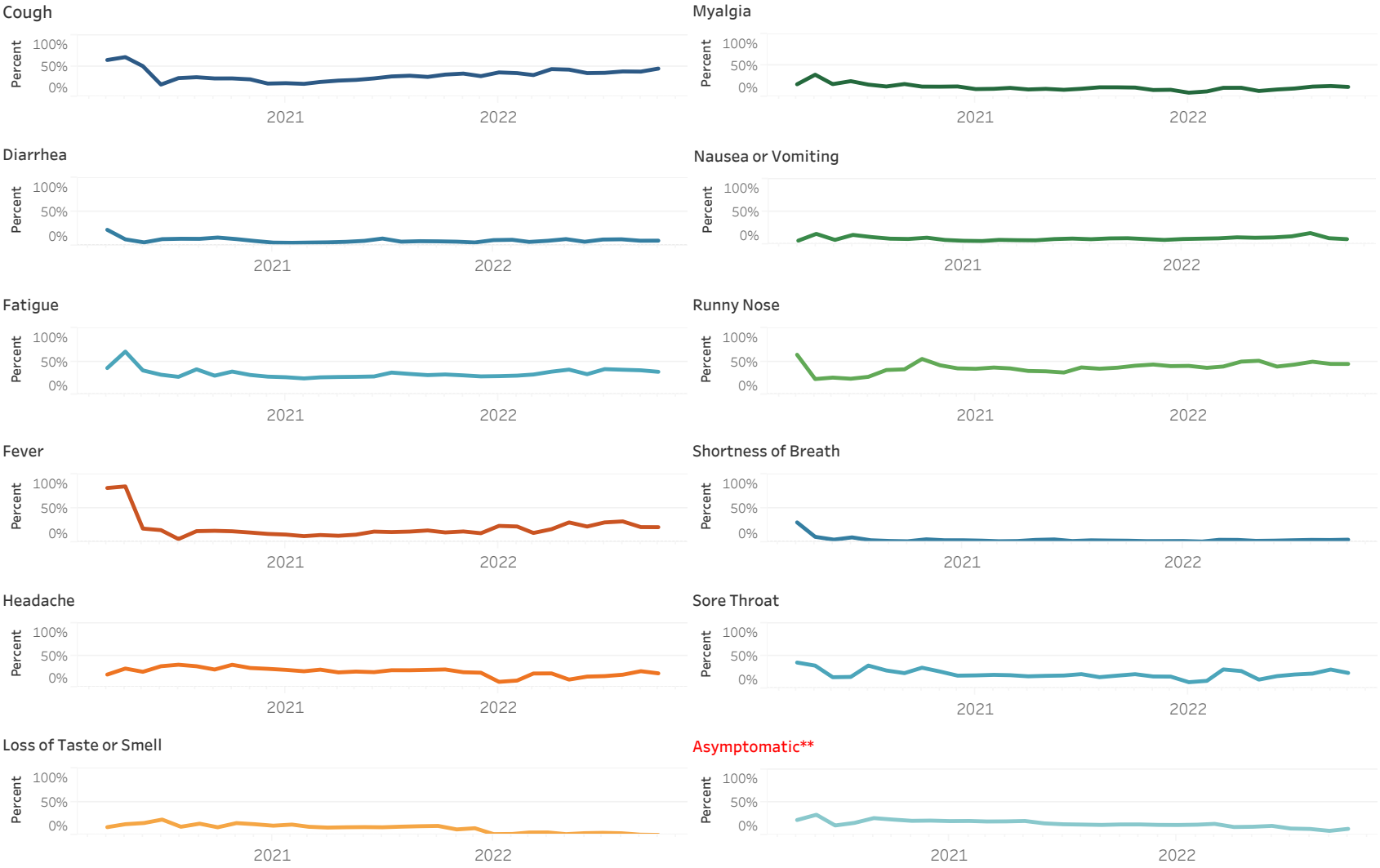
Caption: % of Count of COVID-19 cases in each age group for each symptom.

Symptom Trends in **Investigated** Confirmed and Probable COVID-19 Cases ≤ 18

March 12, 2020 - October 31, 2022

Age Group(s)

- [x] 0-4
- [x] 5-9
- [x] 10-14
- [x] 15-18
- [ ] 19+



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS). These are preliminary data that are subject to change.
Note: After November 15, 2020, complete case investigations were only done for cases age 18 and under. Therefore, symptom data is incomplete for cases over age 18.
**These data are from the initial case investigation. Cases may have developed symptoms after the case investigation call.

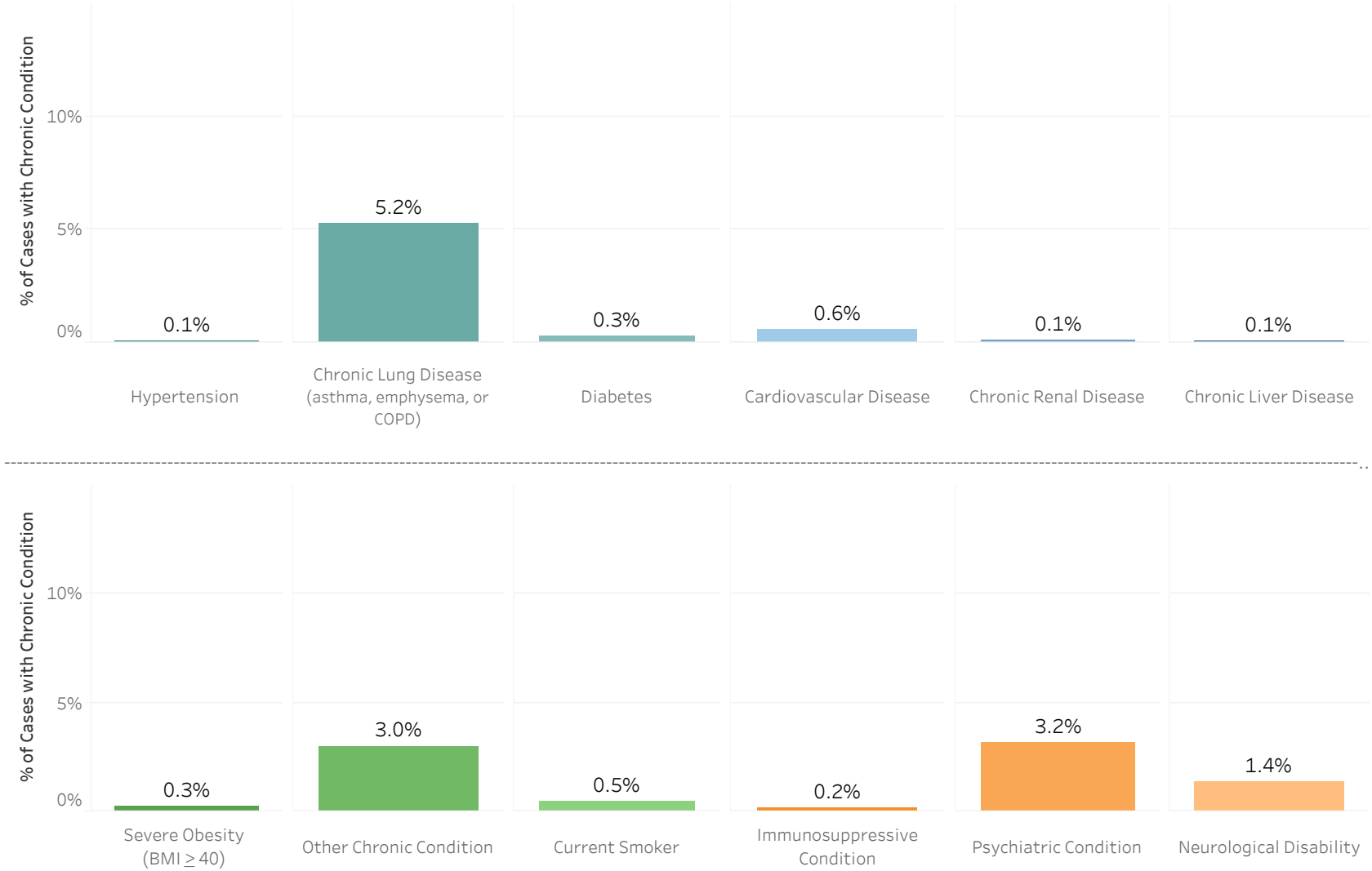
Caption: The trend of % of Count of COVID-19 cases with each symptom for date reported (month).

Percent of **Investigated** Confirmed and Probable COVID-19 Cases ≤ 18 with Selected Chronic Conditions

March 12, 2020 - October 31, 2022

Age Group(s)

- [x] 0-9
- [x] 10-18
- [ ] 19+



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)**

**These are preliminary data that are subject to change.

Caption: % of Count of COVID-19 cases for each chronic condition. The marks are labeled by % of Count of COVID-19 cases.