

COVID-19 Update

Presentation to the AAPS Board of Education

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October 14, 2020

ANN ARBOR PUBLIC SCHOOLS
REIMAGINE
LEAD. CARE. INSPIRE.





TONIGHT'S PRESENTATION

1. Key takeaways from MDHHS COVID-19 Virtual Roundtable
2. AAPS Metrics Dashboard and trends
3. Deeper dive into local data
4. AAPS Case Dashboard
5. Impact of recent community spread increase on AAPS
6. Q & A

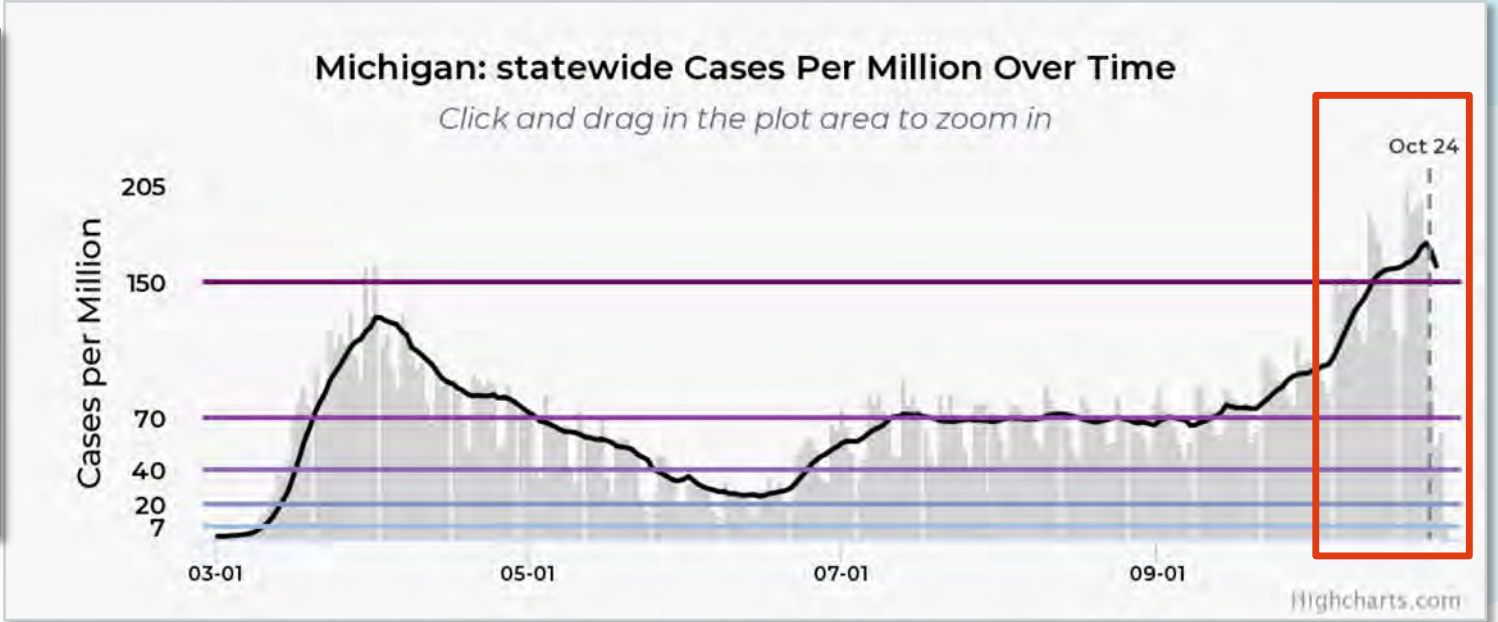
Recent Surge in Michigan Pandemic Spread


COVID-19
VIRTUAL ROUNDTABLE

1 p.m.,
Monday, Oct. 26

MDHHS is hosting a virtual roundtable discussion. Listen in as respected health experts discuss Michigan's ongoing efforts to slow the spread of COVID-19.







The magnitude, the speed of this increase is unlike anything we've seen since the spring.



Dr. Emily Martin
Associate Professor of Epidemiology
U of M School of Public Health



Impact of Age Shift on Community Spread

 **COVID-19**
VIRTUAL ROUNDTABLE

OCTOBER 26, 2020



Dr. Emily Martin
U of M School of Public Health

Potential impact of age shift of the epidemic

Lower Severity: Hospitalization and death rates lower in younger ages.

Higher Mobility: Decreased severity or asymptomatic nature of infection in younger adult can lead to travel or gathering and spread to high risk individuals.

Increased Risk to Other Age Groups: Southern US saw increases in 20-39 year olds followed by increases in >60 year olds after 1-2 weeks.

More Affected Contacts: Larger numbers of contacts in younger age group. University of North Carolina had clusters up to 106 cases.

(CDC MMWR Reports – Schwartz et al, Boehmer et al. Wilson et al.)



How can we prepare for winter months?



Understand Transmission

Person to person, 15+ minutes; can be accumulation of brief contacts

Avoid large gatherings

Be Vigilant in Response

Low tech solutions are helping slow the spread (masks, small groups).

“The end of the pandemic is nowhere near. It’s the most disruptive infectious disease threat the world has faced in a century and the risk of explosive spread isn’t going to end when we get a vaccine. **But what we see all over the world is that places that are guided by and fully support public health have less disease, less death, and less economic disruption.**”

Dr. Thomas Frieden

Former Director of the Centers for Disease Control and Prevention



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Weekly Update 10/23/2020

AAPS COVID METRICS DASHBOARD

TO INFORM RETURN TO IN-PERSON SCHOOL

Data Retrieved at 10:20 a.m.

METRIC & DATA SOURCE	TARGET	WASHTENAW COUNTY	MI SAFE START REGION 1**	STATE OF MICHIGAN
Trend: # New Daily Cases* <small>Washtenaw County Health Department MI Safe Start Map Harvard Global Health Institute COVID Risk Levels Dashboard</small>	 DOWNWARD Trend or low & flat sustained over 14+ days	UP	UP	UP
New cases per 1,000,000* 7 day moving average <small>MI Safe Start Map</small>	 AIM - 7-20 cases/mill (A) CONSIDER - 20-40 cases/mill (B) sustained over 14+ days	Cases per Million 140.5 D	Cases per Million 103.2 D	Cases per Million 115.9 D
New cases per 100,000* 7 day moving average <small>Harvard Global Health Institute COVID Risk Levels Dashboard</small>	 AIM - 1-5 cases/100K CONSIDER - 6-9 cases/100K sustained over 14+ days	Cases per 100,000 23.6 ORANGE	Cases per 100,000 N/A	Cases per 100,000 19.2 ORANGE
Positivity Rate of Diagnostic Tests** <small>MI Safe Start Map</small>	 <3% LOW RISK sustained over 14+ days	3.7% A	4.9% A	5.1% A
Other Information <small>Washtenaw County Health Department michigan.gov State of Michigan Outbreak Summary</small>	 ONGOING MONITORING no specific target	<ul style="list-style-type: none"> • Consistent implementation of AAPS mitigation strategies* • Known school outbreaks • 0-18 age group data • New COVID-19 hospital admissions • New confirmed COVID-19 deaths • Additional research and guidance 		

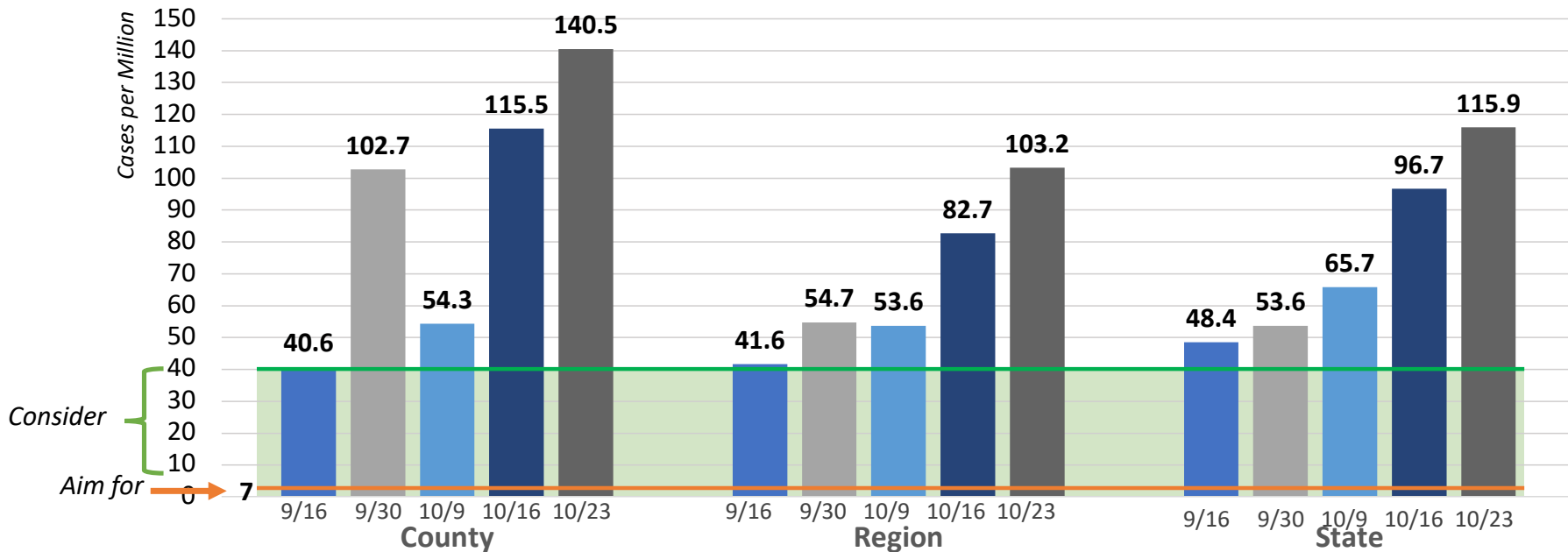
*As required in Public Act 149, Section 98a

**CDC Core Indicator from Indicators for Dynamic School Decision Making

**Region 1 = Genesee, Lapeer, St. Clair, Livingston, Oakland, Macomb, Washtenaw, Wayne, Detroit City, Monroe. Regions were created by analyzing work and commuting patterns. See MI Safe Start for more information.

Cases per 1,000,000

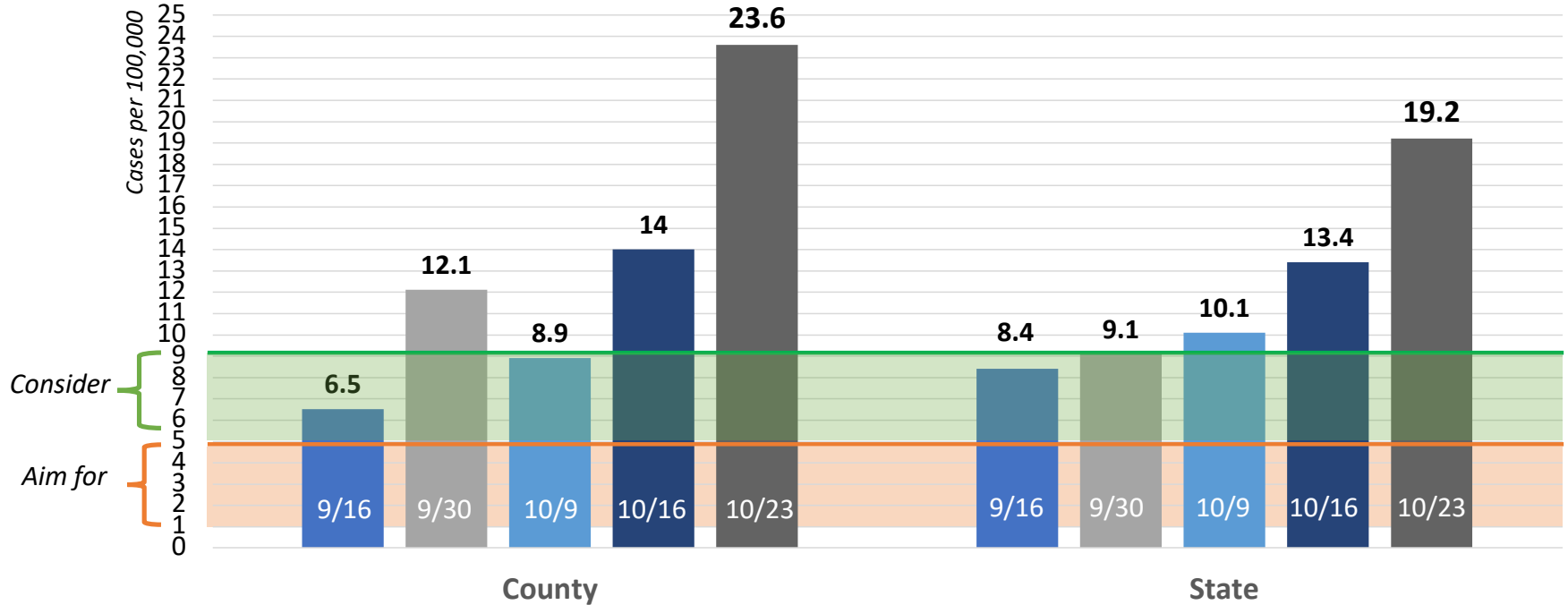
Sept. 16, Sept. 30, Oct. 9, Oct. 16, and Oct. 23, 2020



Source: [MI Safe Start Map](#)

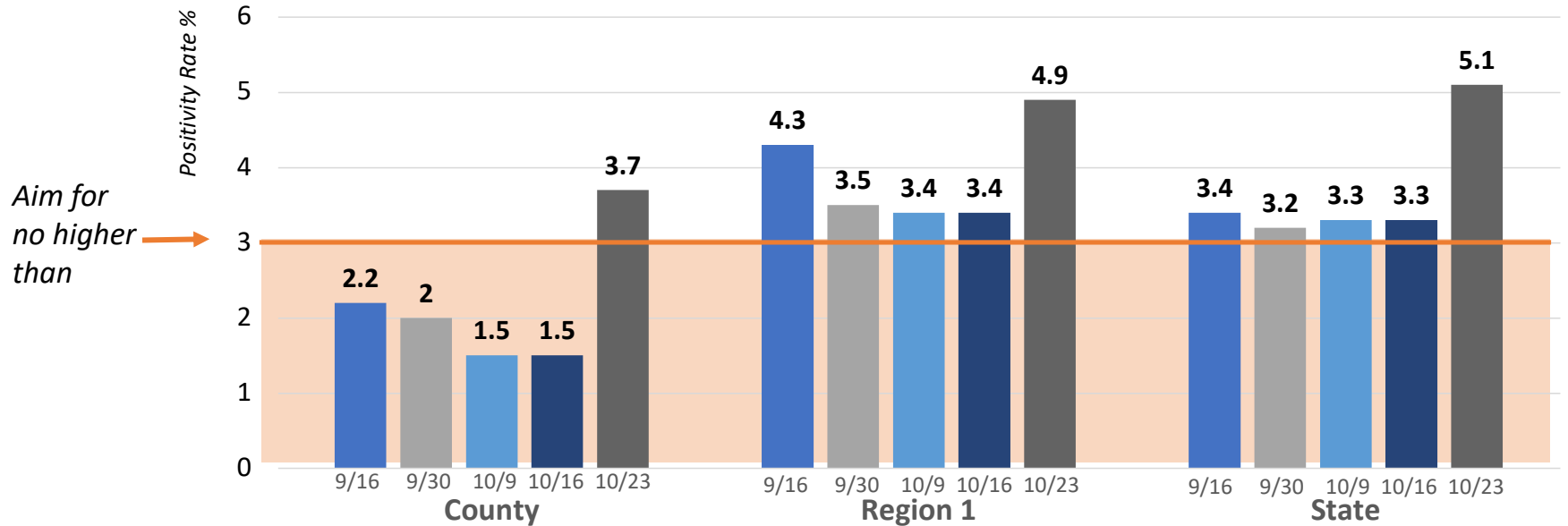
Cases per 100,000

Sept. 16, Sept. 30, Oct. 9, Oct. 16, and Oct. 23, 2020



Positivity Rate

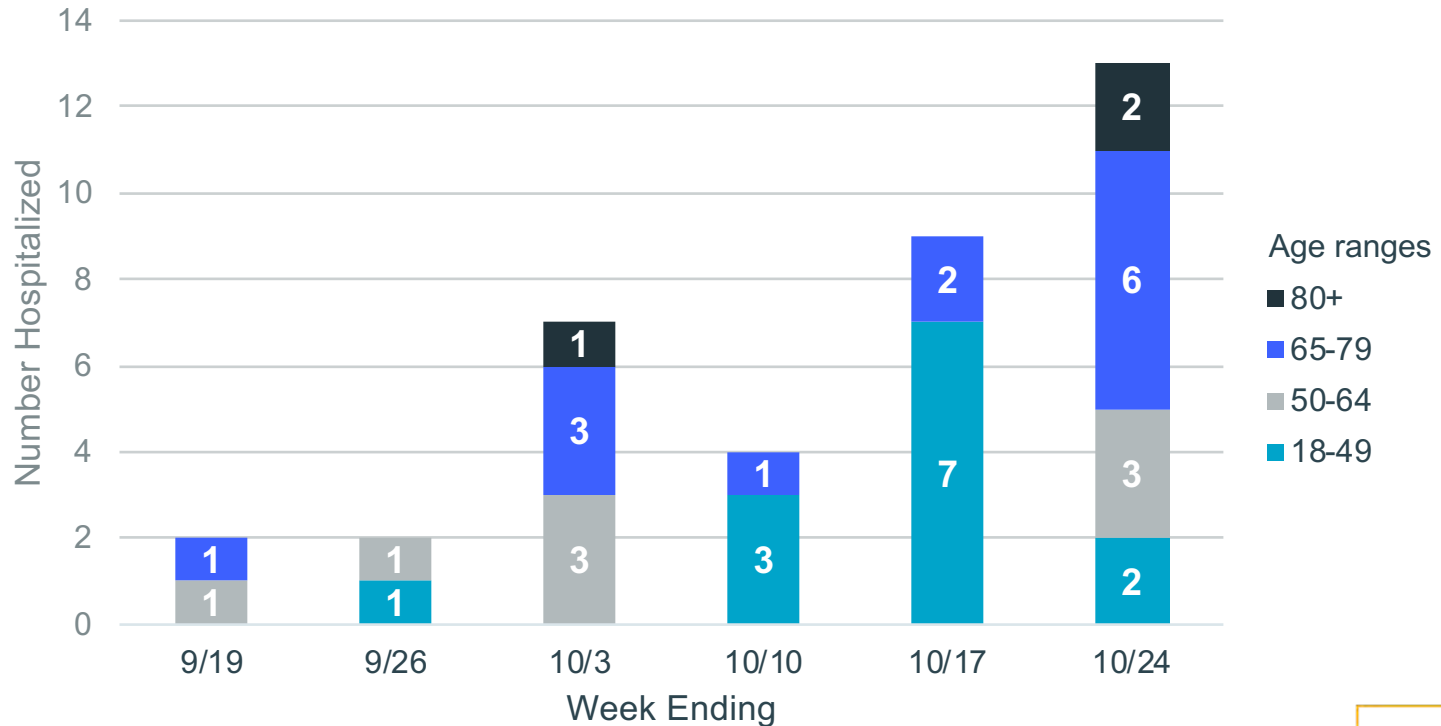
Sept. 16, Sept. 30, Oct. 9, Oct. 16, and Oct. 23, 2020



Source: [MI Safe Start Map](#)

COVID-19 Hospitalizations in Washtenaw County

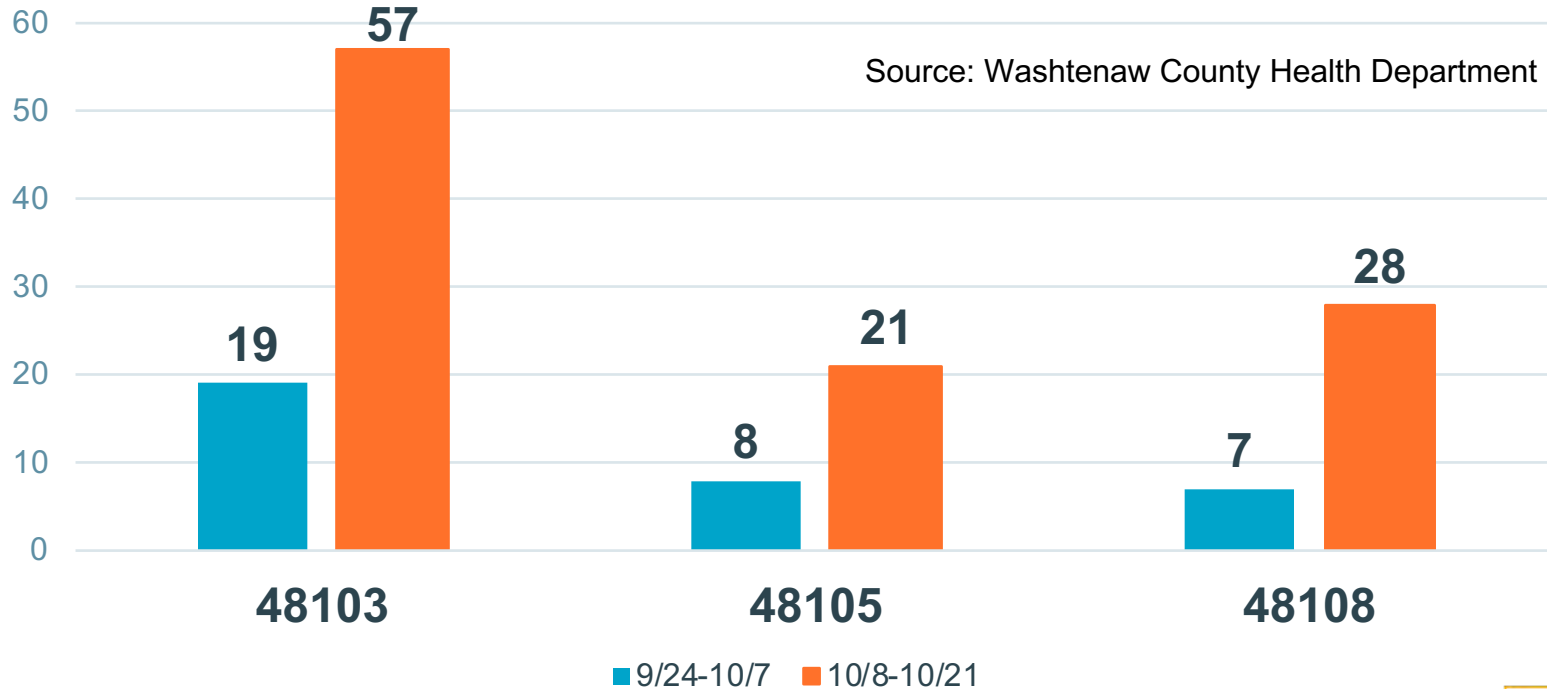
Hospitalization rate remains low (2%), but numbers appear to be trending up. There were no hospitalizations among 0-18 year olds in this time period.



Source: Washtenaw County Health Department

Ann Arbor Community Zip Codes

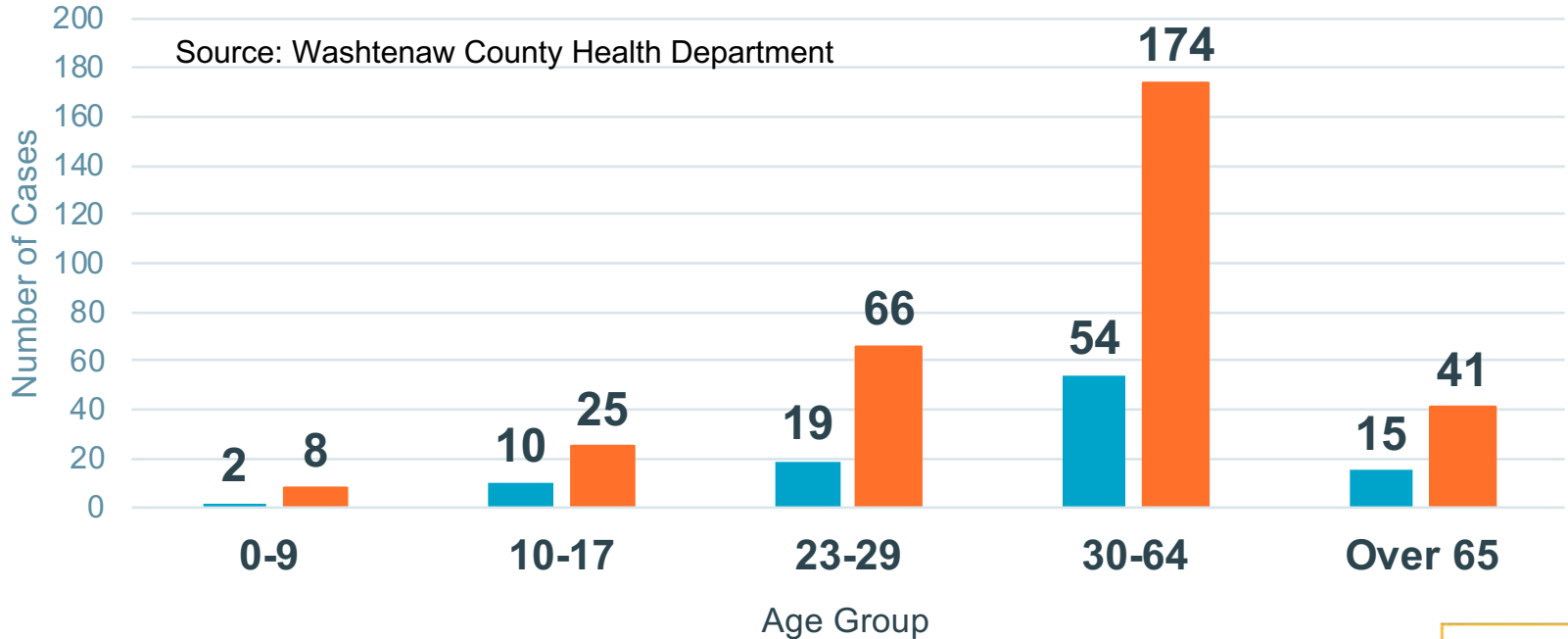
In two-week snapshots: **Sept. 24 – Oct 7, 2020** and **Oct. 8 – 21, 2020**



Cases by Age Group in Washtenaw County

Excluding the 18-22 year old age group

In two-week snapshots: **Sept. 24 – Oct 7, 2020** and **Oct. 8 – 21, 2020**





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AAPS Case Dashboard Update, 10-28-2020

- 5 new staff and student cases added since Mon., Oct. 26
 - 2 at Pioneer
 - 3 at Transportation
- Total of 9 cases since Oct. 12
- Approximately 5-10 currently in quarantine, with more possible pending WCHD case investigations
- Reminder not to assume all cases are connected



How has increased community spread impacted AAPS?

- We're aware of more cases among district staff, students, and families
- We're aware of more staff, students, and families in quarantine due to close contacts from parent workplaces, gatherings, etc.

What does community spread look like in terms of infection?

- Household members
- Co-workers
- Local youth team outbreak
- Social and family gatherings



How has AAPS responded to the recent increase in community spread?

- Updated staff prescreening tool
- Strengthened internal case notification system
- Provided updated training to critical staff, with more coming
- Continued frequent work with the Washtenaw County Health Department



There's no question that the enemy here is the virus.

Dr. Joneigh Khaldun,
Chief Medical Executive and Chief Deputy Director
Michigan Dept of Health and Human Services
(MDHHS)





Thank you! Q and A