

CITY OF MILWAUKEE HEALTH DEPARTMENT UPDATE

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INTERIM COMMISSIONER OF HEALTH

PUBLIC SAFETY & HEALTH COMMITTEE SEPTEMBER 2020



City of Milwaukee COVID-19 Statistics

March 1, 2020-September 30, 2020
Updated on Weekdays by 2:00 PM

21,215
Positive Cases

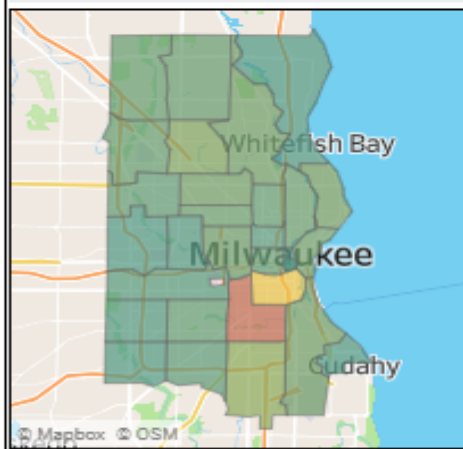
285
Deaths

Source of Lab Testing

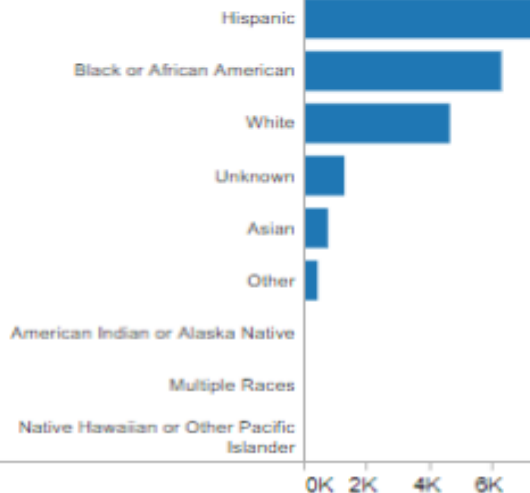
Select Date Range

This year

Number of Cases by ZIP Code



Number of Cases by Race/Ethnicity



Type	Count	Percent of Total
Commercial	268,297	97.1%
Milwaukee Health Department Laboratory	7,391	2.7%
Wisconsin State Lab of Hygiene	1,573	0.6%

*Represents all individuals tested reported into WEDSS, both positive

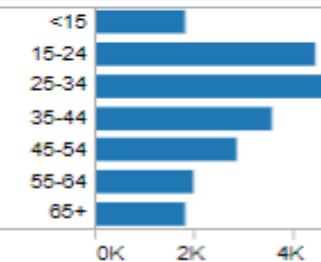
Hospitalization Rate of Confirmed Cases

Status	Count	Percent of Total
Hospitalized	1,768	8.3%
Not Hospitalized	9,603	45.3%
Unknown	9,869	46.5%

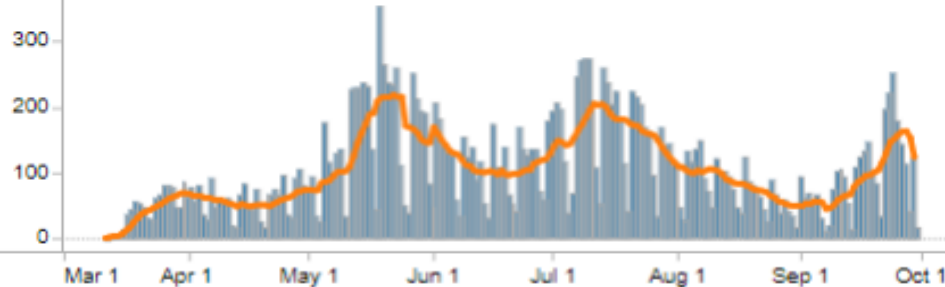
Number of Cases by Gender



Number of Cases by Age



COVID-19 Cases by Date



7 Day Moving Average (orange line), New Cases (blue bars)

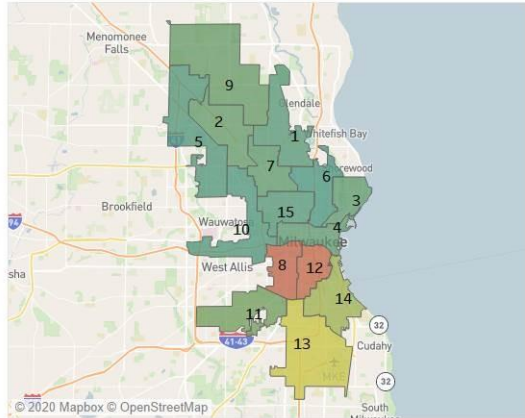
COVID-19 DASHBOARD



This dashboard provides COVID-19 data by Aldermanic District boundaries within the city of Milwaukee. Because COVID-19 data does not contain an Aldermanic District variable in the data collection process, a spatial analysis and other aggregate functions must be created to display data at the Aldermanic District level. For more information, please review the data limitations and disclaimer section.

NOTE

This dashboard provides a data overview for the date range listed above. For current city level data, please visit the City of Milwaukee COVID-19 Statistics at <https://city.milwaukee.gov/coronavirus>



Select a District: All
Select Date Range: 1/1/2020 to 12/31/2020

COVID-19 Cases by Aldermanic Districts

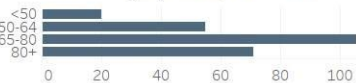
District	Name	Cases	Total Deaths
1	Ashanti Hamilton	876	14
2	Cavaller Johnson	1,003	19
3	Nicholas Kovac	951	16
4	Robert Bauman	935	7
5	Nikiya Dodd	824	6
6	Milele A. Cogg	749	17
7	Khelif J. Ramey	955	28
8	JoCasta Zamarripa	2,332	21
9	Chantia Lewis	1,038	29
10	Michael J. Murphy	804	11
11	Mark A. Borkowski	1,139	24
12	Jose G. Perez	2,316	14
13	Scott Spiker	1,479	19
14	Marina Dimitrijevic	1,311	10
15	Russell W. Stamper, II	842	17
Grand Total		17,551	252

Last Data Update: 9/14/2020 4:44:17 PM

Number of Cases by Date for Selected Districts



Total Deaths by Age Group and District



Small data values (e.g. 1-5) are suppressed and a different age range is used for deaths to protect individual confidentiality.

Demographics of Cases for Selected Districts and Dates

Gender	Age Group	Hispanic	Black or African American	White	Unknown	Asian	Other	Grand Total
Female	25-34	621	835	436	102	97	66	2,157
	15-24	637	571	471	131	51	57	1,917
	35-44	609	575	210	82	53	42	1,571
	45-54	518	492	164	58	36	33	1,301
	55-64	246	366	191	33	20	22	878
	65+	140	374	262	30	24	11	841
Male	<15	316	213	48	83	26	27	713
	25-34	658	464	421	123	91	74	1,830
	15-24	566	295	361	91	55	50	1,418
	35-44	663	373	200	79	68	62	1,444
	45-54	489	323	185	62	59	45	1,163
	55-64	264	253	187	28	16	22	770
Unknown	65+	159	321	224	21	26	13	764
	<15	329	213	38	84	36	26	726
Grand Total		6,221	5,668	3,398	1,007	658	550	17,499

NOTE: Totals may not sum. To protect an individual's confidentiality, small data values (e.g. 1-5) are suppressed in the demographic information.

Data Source: Wisconsin Electronic Disease Surveillance System accessed via PHAVR and Milwaukee County Medical Examiner. Data for this dashboard gets updated bi-weekly. Please refer to the top of this report for the current date range.

Data Limitation: Due to delays in reporting and processing, it takes 4 to 8 days for data trends to stabilize. In order to aggregate data into Aldermanic District boundaries, data is geocoded using a spatial analysis approach. Data with missing values (e.g. missing addresses, PO Boxes, etc.) are not geocoded and therefore are not included in this report. To protect an individual's confidentiality, cumulative death data by district is displayed and small data values (e.g. 1-5) are suppressed in the demographic information graphs.

Contact Information: askmhdccovid19@milwaukee.gov

NEW ALDERMANIC DASHBOARD

- Displays COVID-19 statistics by aldermanic district
- Data will be updated on a biweekly basis



Moving Milwaukee Forward Safely

Gating Metric Review June 25-September 24



Metric	Status – June 25	Status – July 2	Status – July 9	Status – July 16	Status – July 23	Status – July 30	Status – Aug 6	Status – Aug 13	Status – Aug 20	Status – Aug 27	Status – Sep 3	Status – Sep 10	Status – Sep 17	Status – Sep 24
This statistic uses an industry standard of $p < 0.05$ for statistical significance; this enables us to report the statistic with confidence or accuracy														
Cases	Yellow Slope of 0.10, <u>no</u> statistically significant trend	Red Slope of 0.53, statistically significant trend	Yellow Slope of 0.15, <u>no</u> statistically significant trend	Yellow Slope of 0.09, <u>no</u> statistically significant trend	Yellow Slope of -0.12, <u>no</u> statistically significant trend	Yellow Slope of -0.03, <u>no</u> statistically significant trend	Yellow Slope of -0.14, <u>no</u> statistically significant trend	Yellow Slope of -0.01, <u>no</u> statistically significant trend	Yellow Slope of -0.13, <u>no</u> statistically significant trend	Green Slope of -0.19, statistically significant trend	Yellow Slope of -0.03, <u>no</u> statistically significant trend	Yellow Slope of -0.02, <u>no</u> statistically significant trend	Yellow Slope of 0.12, <u>no</u> statistically significant trend	Red Slope of 0.28, statistically significant trend
Measured as the ability for residents to access a COVID-19 lab test														
Testing	Yellow Average of 7.8% positive	Yellow Estimated Average of 1,682 tests per day	Yellow Average of 1,702 tests per day. Average of 9.1% positive	Green Average of 2,489 tests per day. Average of 9.9% positive	Green Average of 2,642 tests per day. Average of 9.1% positive	Green Average of 2,457 tests per day. Average of 9.2% positive	Green Average of 2,152 tests per day. Average of 7.7% positive	Green Average of 2,162 tests per day. Average of 7.2% positive	Green Average of 2,256 tests per day. Average of 5.7% positive	Green Average of 2,027 tests per day. Average of 5.0% positive	Yellow Average of 1,548 tests per day. Average of 5.3% positive	Green Average of 1,646 tests per day. Average of 4.9% positive	Yellow Average of 1,766 tests per day. Average of 6.4% positive	Green Average of 2,225 tests per day. Average of 8.0% positive
Care: Percentage of hospitals not in Crisis Care and the percentage of COVID + hospital beds PPE: Hospital systems reaching Personal Protective Equipment (PPE) goals														
Care ***	Green 6%	Green 5%	Green 6%	Green 6%	Green 6%	Green 6%	Green 7%	Green 6%	Green 6%	Green 6%	Green 6%	Green 5%	Green 5%	Green 5%
Safety (PPE) ***	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Week 1: 16.05% of COVID+ cases received a contact attempt by MHD staff within 24 hours of the case being reported Weeks 2-23: COVID+ residents assigned to MHD for follow-up were successfully reached within 3 contact attempts Weeks 24+: COVID+ residents assigned to MHD for follow-up that were successfully reached within 2 days of assignment														
Tracing	Yellow 82.9%	Yellow 83.3%	Yellow 76.5%	Yellow 62.1%	Yellow 75.3%	Yellow 74.1%	Yellow 79.9%	Yellow 83.9%	Yellow 84.4%	Yellow 81.4%	Yellow 83.0%	Yellow 82.5%	Yellow 81.7%	Yellow 86.7%

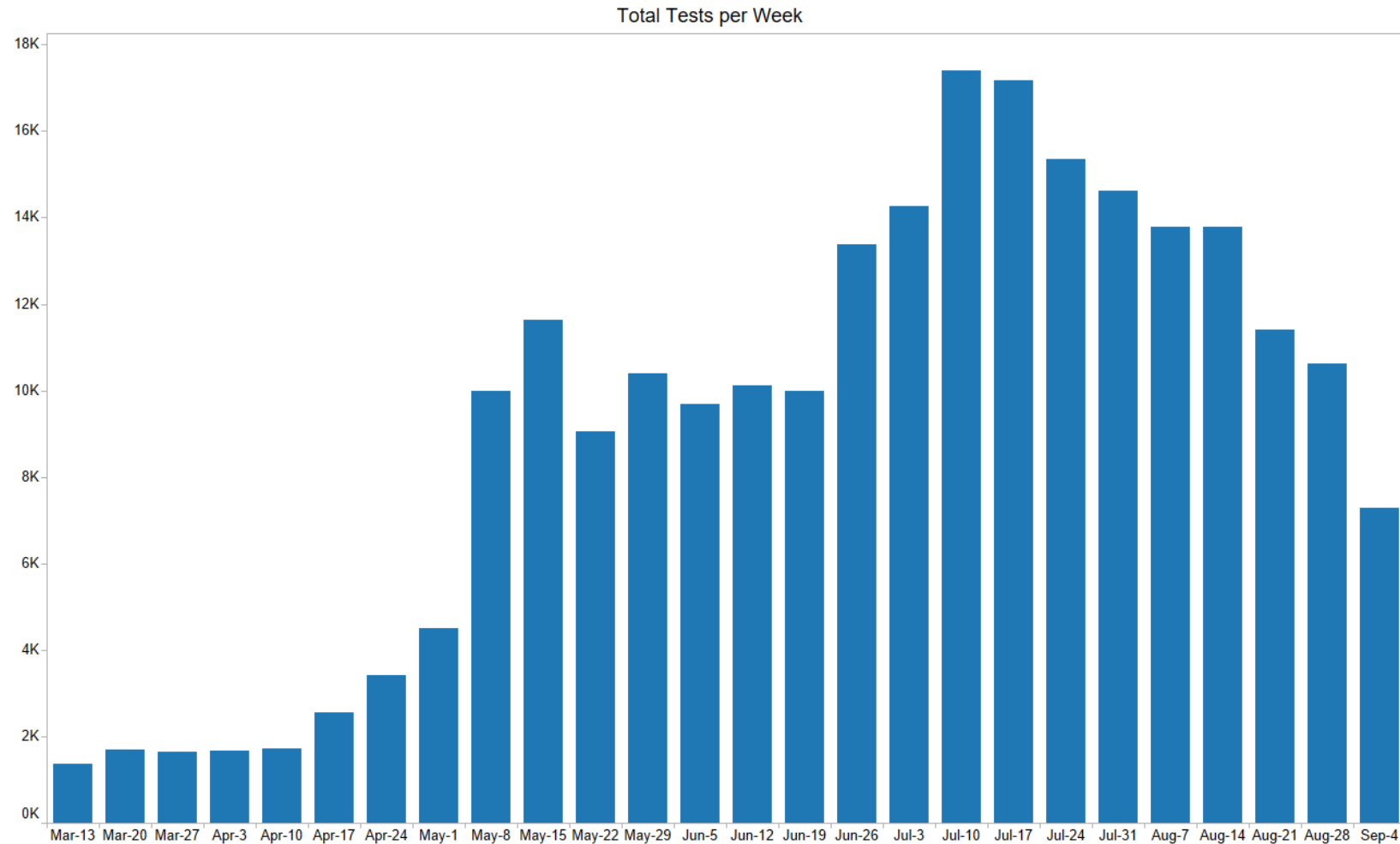
**Methodology for testing, cases, and tracing metrics were adjusted based on best practices for the city of Milwaukee

***Based on Milwaukee County Dashboard Data

COVID-19

TESTING

- 276,208 tests have been performed between March 13th and September 24th
- WING site transition



COMMUNITY TECHNICAL ASSISTANCE, YTD

milwaukee.gov/MMFS

Webinars

- Completed: 9
 - Bars & Restaurants
 - Daycares
 - Churches
 - Schools
 - Retail

School Plans Reviewed

- Received: 62
- Approved: 55

Business Safety Plans Reviewed

- Received: 800
- Approved: 260

OUTBREAK INVESTIGATIONS

- The State of Wisconsin Department of Health Services (DHS) defines a COVID outbreak at a business as 2 or more cases. Long Term Care Facilities are defined as an outbreak at 1 case.
- We initiate contact with business when we are notified of 1 COVID + employee.
- Step 1: Phone consultation to review current COVID Safety measures and provide feedback.
- Step 2: Initiated when approximately 3% of the workforce is identified as COVID +. MHD staff conduct an onsite assessment providing solutions to COVID safety gaps
- Step 3: Initiated when approximately 5% of the workforce is identified as COVID +. MHD issues an order to provide a mitigation plan which could include closure and testing off all employees.

MASK OUTREACH

COVID-19 WEBSITE UPDATES

Interactive Map of Free Mask Sites

Spanish and Hmong informational tabs/graphics

milwaukee.gov/masks

Moving Milwaukee Forward Safely

Dedicated Schools webpage
milwaukee.gov/MMFS/Schools

Approved schools list updated every Friday.

Updated Bar/Restaurant webpage:

milwaukee.gov/MMFS/SafetyPlan

COVID-19 Restaurant/Bar Tips

Complaint/Enforcement Process

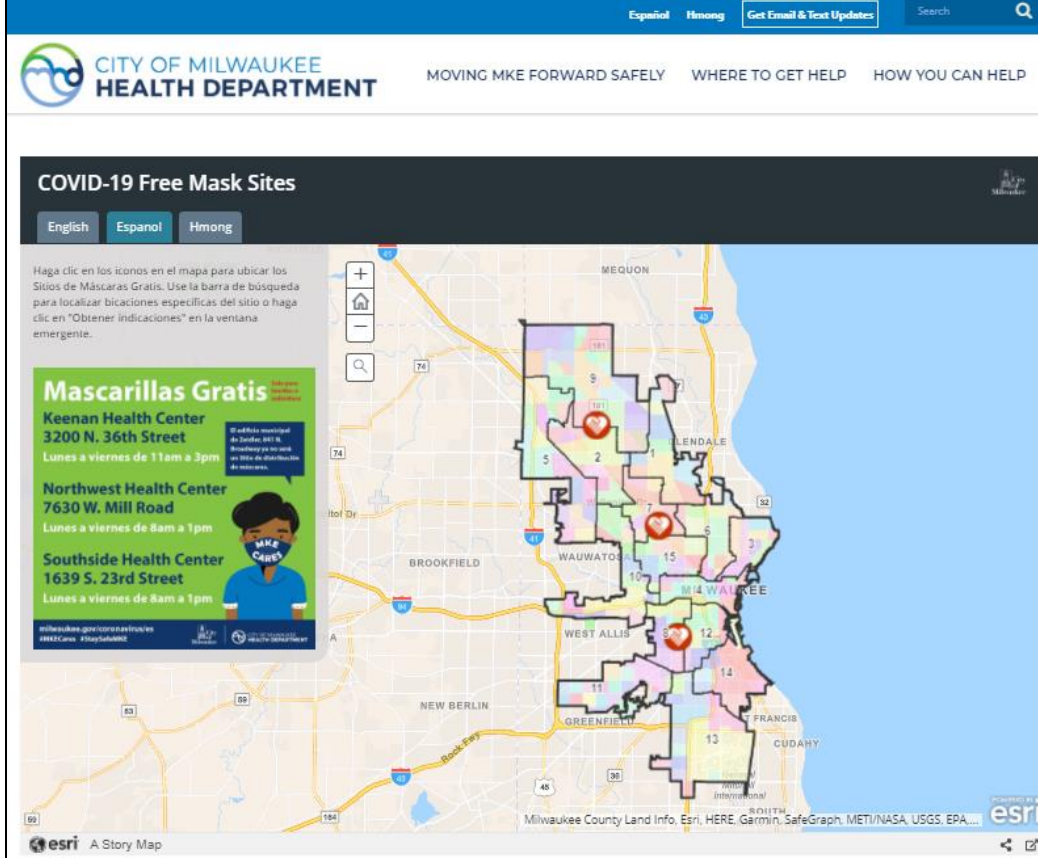
Step 1: COMPLAINT RECEIVED
Phone call to advise requirements, discuss challenges and **offer solutions**. Advised of spot checking and if not in compliance, a warning letter and citation could be issued.

Step 2: ONSITE INSPECTION
Inspection to **confirm compliance**. If not in compliance, the inspector will notify operator that a **warning letter** will be mailed stating details about what was observed and when.

Step 3: COMPLIANCE OR CITATION
If another complaint for the same establishment is received, MHD will follow up and check for compliance. If compliance is not witnessed, a **\$500 citation** shall be issued.

NOTE: An establishment may be cited for each violation at \$500 (physical distancing, operating outside capacity restrictions, masks, etc.) and during additional spot checks

#StopCVMKE #MovingMKEForward
milwaukee.gov/MMFS



COVID-19 Free Mask Sites

English Español Hmong

Haga clic en los iconos en el mapa para ubicar los Sitios de Máscaras Gratis. Use la barra de búsqueda para localizar ubicaciones específicas del sitio o haga clic en "Obtener indicaciones" en la ventana emergente.

Mascarillas Gratis

Keenan Health Center
3200 N. 36th Street
Lunes a viernes de 11am a 3pm

Northwest Health Center
7630 W. Mill Road
Lunes a viernes de 8am a 1pm

Southside Health Center
1639 S. 23rd Street
Lunes a viernes de 8am a 1pm

esri A Story Map

Milwaukee County Land Info, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA...

CDC Mask Information
How to wear, wash and make masks

MKE CARES
MKE Cares Mask Ordinance
Effective July 16, 2020
Learn More

Got COVID-19 Questions?
Email us
at askmhdCOVID19@milwaukee.gov.

CREATIVE HEALTH COLLECTIVE



Face Masks Help Extend Your Timeline by Tou Fong Lee

- \$500,000 Advancing a Healthier Wisconsin Grant awarded in April 2020 – extended
- **Key Partners:** Medical College of Wisconsin and Milwaukee County Office on African American Affairs
- Visit www.chealthc.info to learn more

COVID-19 ISSUE BRIEFS

COVID-19 ISSUE BRIEF

Increasing number of COVID-19 cases among Hispanic/Latinx individuals under the age of 15 in the city of Milwaukee

BACKGROUND

The State of Wisconsin and city of Milwaukee have seen an increased number of individuals who identify as Hispanic/Latinx that are positive for COVID-19. This shows an unjust and unequal difference in disease burden. Out of all COVID-19 cases in the city of Milwaukee, Hispanic/Latinx positive cases account for 40.2% of cases, while positive cases for Black individuals is 31.4% and 11.3% for White individuals.¹ In fact, in the city of Milwaukee, individuals who are Hispanic/Latinx make up only 20.2% of the population, but 40.2% of positive COVID-19 cases.² This inequity is also reflected in State COVID-19 data where individuals who are Hispanic/Latinx make up 7% of the population in Wisconsin, but account for 38% of COVID-19 cases.² Furthermore, Hispanics/Latinx test positive for COVID-19 at disproportionate rates in 42 states.³

In the City of Milwaukee, individuals who are Hispanic/Latinx make up only 20.2% of the population, but 40.2% of positive COVID-19 cases.⁵

There are a few potential reasons for this inequity. The Hispanic/Latinx population are overrepresented in essential jobs that increase exposure to COVID-19 and are less likely to have paid sick leave. These essential jobs often have low wages and individuals may feel that they are required to leave their home for work, possibly even while sick.⁴ Milwaukee's older housing stock includes many multi-family properties such as duplexes and Polish flats. Multi-generational housing and living in densely populated areas may be more common for Hispanic/Latinx households and neighborhoods that can increase exposure to COVID-19.^{1,2} These risk factors are not only increasing positive COVID-19 cases among the working Hispanic/Latinx population, but the virus continues to spread among households and increasing cases among families and children. In the United States, the Hispanic/Latinx population is overall younger – over 65% are millennials or younger in Milwaukee⁵ – and this, along with risk factors of their families and housing, may be contributing to more positive COVID-19 cases among individuals under the age of 15 in Milwaukee who are Hispanic/Latinx.

EXPLORING THE DATA

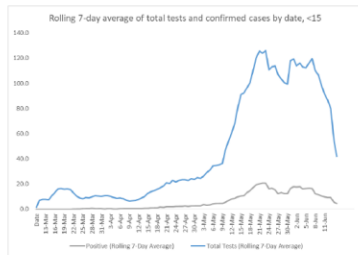


Figure 1: Seven Day Rolling Average of Tests Among Residents Under 15 Years of Age. As of June 7, 2020 approximately 7% of all confirmed cases of COVID-19 in the city have been among those under the age of 15. However, between June 7 - 24, 2020 youth under the age of 15 increased to make up 13% of all confirmed COVID-19 cases in the city.

Race/Ethnicity of <15 Confirmed Cases, May 7 - June 7

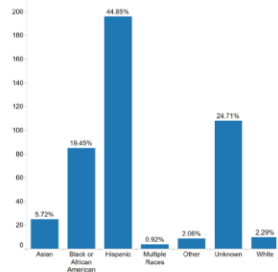


Figure 2: Race/Ethnicity of COVID-19 cases under the age of 15 Over the Past Month (May 7 - June 7, 2020). The increasing number of cases among the under 15 age group have followed similar trends to the overall COVID-19 trends observed in the city of Milwaukee, with a disproportionate number of cases identifying as Hispanic/Latinx.

• Goal:

- Combine data and policy translation/dissemination efforts
- Co-lead the discussion/data updates with community partners
- Apply social determinants of health lens

• Frequency: New brief monthly

• Upcoming Briefs: COVID-19 Deaths, COVID-19's impact on Undocumented Communities

ELECTRONIC HEALTH RECORD UPDATE

GOAL

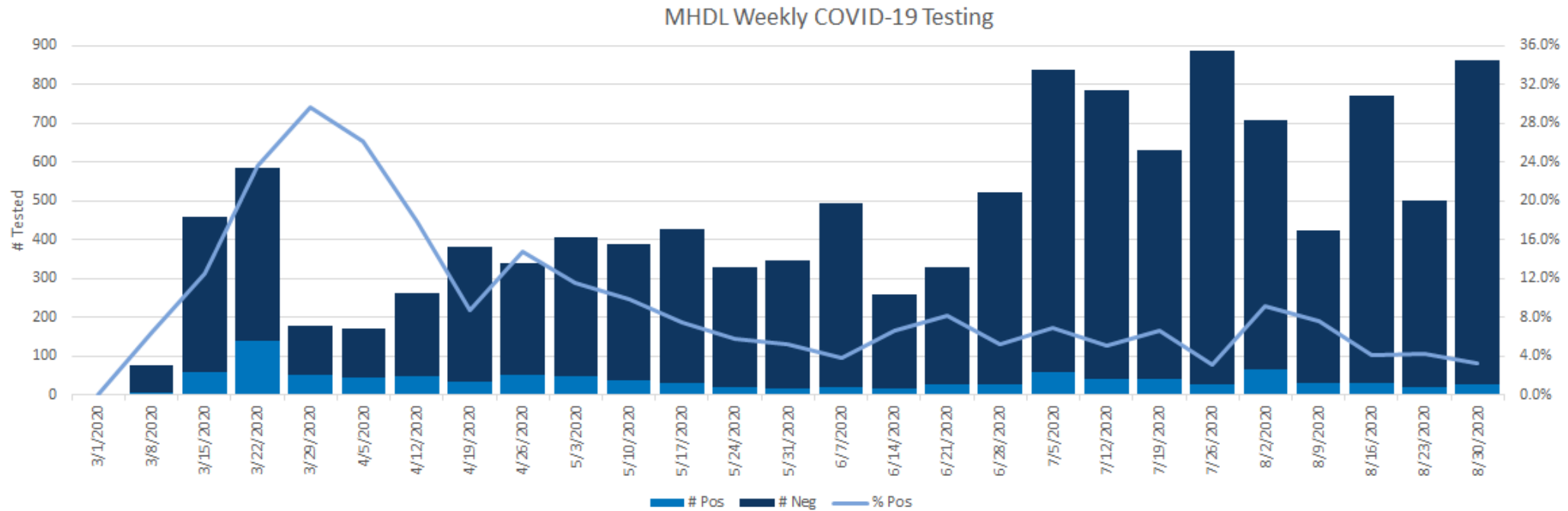
Take MHD out of a “Crisis State”

Programs without digital system. Others at risk of data loss	Poor data quality	Lack of data nomenclature	Incomplete reporting capability	Reliance on paper	Missed charges
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LABORATORY UPDATES

- MHDL has received >12,400 specimens, results reported in < 24 hrs on avg
 - 3 different testing systems- all under FDA's Emergency Use Authorization (EUA) allowing for quick test results and the ability to diversify sourcing of test supplies
 - Observing ~3.2% positivity for 7 day moving average
 - Highest # cases 25-44 yrs., followed by 45-64

Please note, data is primarily representative of testing performed in support of outbreak investigations.



PERSONNEL UPDATES

Temporary Staffing Agency COVID – 19 positions Filled

- Contact Tracers/Case Investigators: 149
- Hotline staff: 27
- Nursing staff: 21
- Other COVID-19 staff (Emergency Operations Manager, Site Coordinators, Epidemiologist, mask distributors etc.) : 20

Temporary Auxiliary positions filled

- Case Investigators: 13
- Human Resources Analyst: 1

FINANCE UPDATES

- The Health Department has requested an extension of the Advancing a Healthier Wisconsin grant to December 31st 2020 .
- The Health Department's State of Wisconsin's Routes to Recovery of \$3M is funding emergency operations, PPE, sanitation supplies and services, isolation housing, testing, contact tracing, and sick leave.
- The Department's State of Wisconsin COVID Grant of over \$6M has been centered on costs related to contact tracing.
- An award for the Public Health Emergency Preparation Grant from the State of \$319,900 has focused on the staffing and operations of the isolation facilities.
- The Health Department's Laboratory is seeking approval for a grant that will expand their operations by adding four positions along with operating and equipment allocations of over \$7M until November 11th 2022.

THANK YOU