

2022 BUDGET HEARING

CITY OF MILWAUKEE HEALTH DEPARTMENT

City Hall – October 7, 2021



2021 SUCCESSES & CHALLENGES

SUCCESSES

- Maintained MHD essential operations
 - Workforce redeployment
 - Essential in-person operations while being flexible to staff needs
- Grant funding sources for COVID response
- Strategic Planning Kickoff
- Start of EHR implementation

CHALLENGES

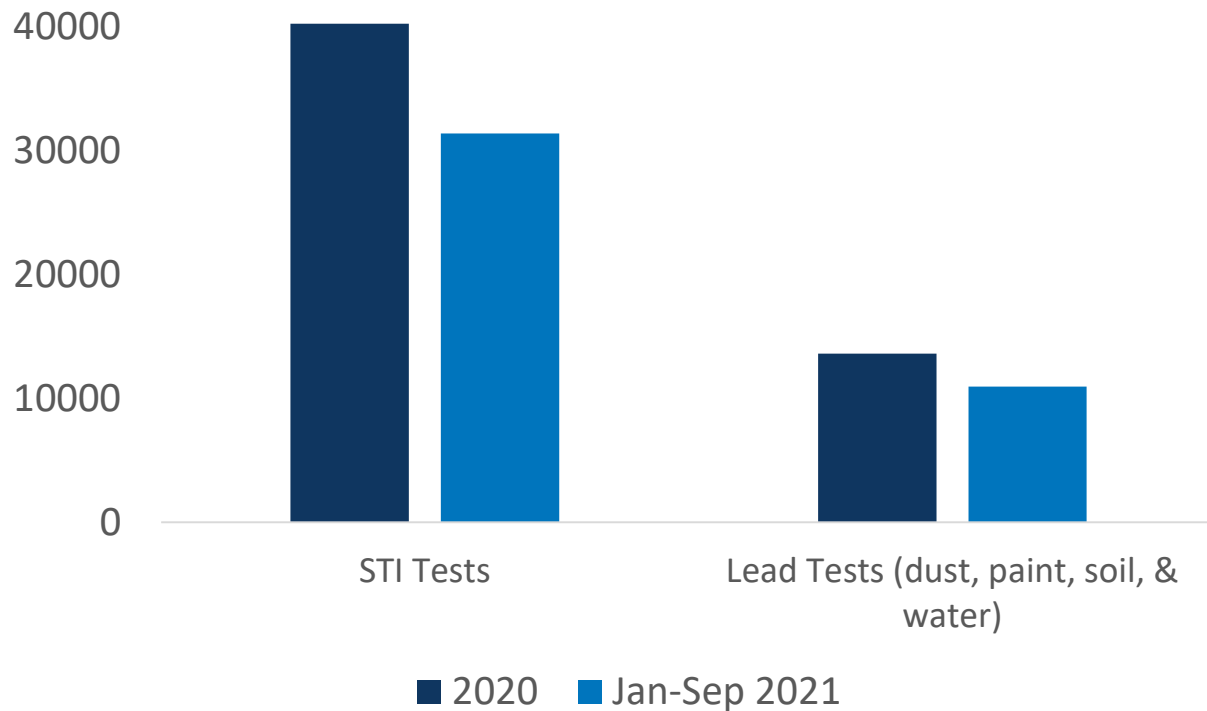
- COVID-19 pandemic
 - Over-extended operational capacity
 - Exposed disparities in infections and deaths
- Staff Engagement
 - Recruitment/Retention
 - Continued MHD engagement
 - Redeployed City of Milwaukee Staff
 - Temp/Auxiliary Staff
- Balancing strategic & operational functions
 - Lab operations
 - Emergency preparedness
 - Clinical Services
 - Technology onboarding
- DHS 140 Review
 - Identified lack of foundational capacity

CLINICAL SERVICES

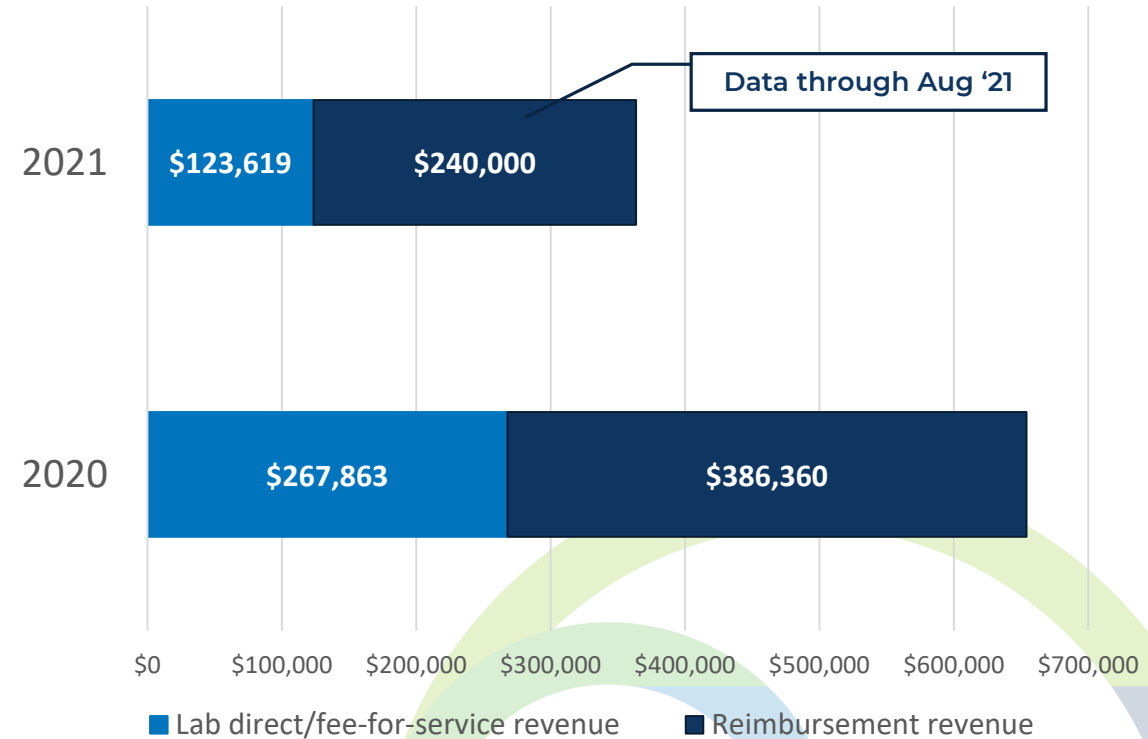
CLINICAL SERVICES

PUBLIC HEALTH LABORATORY

Number of Lab Tests Processed



Laboratory Revenue Sources



CLINICAL SERVICES BRANCH

PUBLIC HEALTH LABORATORY

Sexual & Reproductive Health Specimens Processed	Lead Dust, Paint, Soil, & Water Samples Processed	Respiratory, Gastrointestinal, & Other Clinical Reference Tests Performed, Including COVID-19 and sequencing	Partners Served by Lab Services
31,341 <i>Note: Includes testing for gonorrhea, chlamydia, syphilis, HIV, herpes, trichomonas & mycoplasma</i>	10,934 <i>Note: A typical home assessment includes 10-15 individual dust wipe samples analyzed</i>	8,471 <i>Note: COVID tests accounted for more than 80 percent of this total</i>	66 <i>Note: Includes STI, COVID diagnostic, surveillance POC community, reference clinical and environmental testing</i>

CLINICAL SERVICES BRANCH

MEDICAL SERVICES

TB Home Visits	Well Woman Clients Served	Well Woman Case Management for PHN Coordinator	Clients Served in Sexual Health Clinic	STI/HIV Cases Assigned for Case Management
650	1,121 <i>(7/1/20-6/30/21)</i>	6,759 approximate	4,059	1,245

CLINICAL SERVICES BRANCH

2021 SUCCESSES

Medical Services

Robust COVID-19 Contact Tracing and Vaccination Teams

Resumption of all core clinical operations

Exploration of new and priority service areas

Public Health Laboratory

Secured total of 10 grants exceeding \$6.8 million

Awarded 6th year funding for ELC Strengthening U.S. Response to Resistant Gonorrhea (SURRG)

Maintained/expanded routine services, such as STI testing, lead and soil screening

Successfully completed AIHA Environmental Lead Laboratory Accreditation Program inspection & CMS CLIA inspection at KHC Laboratory

Strengthened workforce with new positions added

COMMUNITY HEALTH

COMMUNITY HEALTH BRANCH

MATERNAL & CHILD HEALTH

Individuals Case Managed through CHAP	Families Case Managed for Newborn Congenital Disorders & Hearing Loss	Enrolled Families in Home Visitation Programs (EFM/DAD/PNCC)	Number of Families served in WIC <i>Jan. – Aug.</i>	Number of Pack N' Plays Distributed w/ Safe Sleep Program
5,544	718	270	35,174 WIC Benefits Distributed: \$1,566,647.86	293

COMMUNITY HEALTH BRANCH

OFFICE OF VIOLENCE PREVENTION

Individuals Served by the Trauma Response Initiative	Supervised Exchange Services Provided with Safe Visitation	Violence Interruptions by 414 LIFE	Agencies Engaged with the Commission on Domestic Violence & Sexual Assault
189	30	61	62

COMMUNITY HEALTH BRANCH

2021 SUCCESSES

Maternal & Child Health

MCH programs were able to resume participation in community outreach events after 1 yr COVID pandemic hiatus

Home Visiting programs have been able to provide hybrid or in-person/virtual/telephonic services; increasing methods of access

BOMB Doula program officially launched in 11/2020 and has served over 100 birthing parents

Families' benefits were not disrupted due to DHS auto-renewing WIC and BadgerCare/TANF

Office of Violence Prevention

Increased collaboration with system partners through the Violence Response Public Health & Safety Team (VR-PHAST)

Awarded new 5-year ReCAST grant from the Substance Abuse and Mental Health Services Administration (SAMHSA)

Expansion of DV/SA capacity within OVP

Trained over 500 city employees in Trauma Informed Care (TIC)



ENVIRONMENTAL HEALTH

ENVIRONMENTAL HEALTH BRANCH

CONSUMER ENVIRONMENTAL HEALTH

Food Inspections Completed	Number of Violations for all Food Inspections	Percent of Routine Food Inspections with One or More Critical Violations	COVID-Related Complaints Received and Investigated	Weights & Measures Inspections
4,696	4,328	41%	403	802

ENVIRONMENTAL HEALTH BRANCH

HOME ENVIRONMENTAL HEALTH – NURSING CASE MANAGEMENT

	2016	2017	2018	2019	2020	2021 YTD (9/14/2021)
Number of unique children under 6 years old with a reported blood lead test	24,529	25,119	25,897	24,746	18,928	16,673
Percent of children under 6 years old who received at least one blood lead test	41.0%	42.5%	44.4%	43.0%	Waiting on DHS birth rate data	
percent of children between 12-35 months who received a blood lead test	68.9%	71.0%	72.7%	70.4%	57.5%	
Number of children under 6 years old who had blood lead levels greater than or equal to 5 µg/dL	2,555	2,601	2,381	1,935	1,214	890
Percent of children under 6 years old tested who had blood lead levels greater than or equal to 5 µg/dL	10.4%	10.4%	9.2%	7.8%	6.4%	5.3%



ENVIRONMENTAL HEALTH BRANCH

HOME ENVIRONMENTAL HEALTH – NURSING CASE MANAGEMENT

Output Measures	2020	2021 YTD
Active Caseload	141	139
Home Visits provided	380	233
Age appropriate developmental screenings	89	50
Telephone contacts with families and medical providers	2,252	3,845
Documented case management activities	4,663	5,964
Cases closed meeting closure criteria of low blood levels and lead safe housing	49	48

ENVIRONMENTAL HEALTH BRANCH

HOME ENVIRONMENTAL HEALTH – NURSING CASE MANAGEMENT

	2017	2018	2019	2020	2021 YTD
Number of new case management referrals for children*	70	88	71	48	69
Number of children requiring chelation treatments**	16	13	6	7	12
Number of initial home visits completed	32	74	82	51	58
Number of initial developmental screening completed	22	76	111	87	37
Number of EBL outreach letters sent***	1,891	2,350	2,965	2,078	1,746

ENVIRONMENTAL HEALTH BRANCH

HOME ENVIRONMENTAL HEALTH

Lead Investigations Completed	Permits Issued to Make Homes Lead-Safe	Families Provided Relocation Services	Homes Abated
92	92	46	53 HUD Funded 16 Owner Funded 31 CDBG - <i>monitoring & clearance only</i>

	2017	2018	2019	2020	2021
LIRA Reports Completed	232	205	206	82	84
Orders Issued	16	139	150	92	227
Units Cleared	389	154	164	119	100



ENVIRONMENTAL HEALTH BRANCH

EMERGENCY PREPAREDNESS – COVID-19 RESPONSE

Tests Performed <i>5/12/20-9/30/21</i>	Homebound Clients Served <i>5/17/21-9/24/21</i>	Homebound – Total Doses Administered	Isolation Facility – Occupants Served <i>3/31/20-9/29/21</i>	Mass Vaccination Clinics – Total Vaccines Administered
388,042	426	619 1 st Dose: 305 2 nd Dose: 306 3 rd Dose: 8	341	175,695

Mobile Vaccination Clinics <i>3/4/21-9/30/21</i>	Mobile Vaccination Clinics – Vaccines Administered	Neighborhood Canvassing – Vaccines Administered – <i>9/28/21</i>	Place-based Testing – Clinics Completed <i>4/16/20-10/1/21</i>	Place-based Testing – Tests Performed
426	12,214	556	90+	3,442



ENVIRONMENTAL HEALTH BRANCH

GENERAL ENVIRONMENTAL HEALTH

Milwaukee Estuary Area of Concern Meetings	Local Emergency Planning Committee – Hazardous Chemical Storage Plans Approved	Site Hazard Assessments	Summerfest Water Samples Tested	Beach/Other Recreational Water Samples Tested
4 meetings 3 workgroups	72	18	170 198 - projected	Beaches: 135 Triathlon Special Testing: 18 Veteran's Park Lagoon: 12

Fighting Asthma Milwaukee Allies	Safety Comm/Lab Safety Comm Formal Meetings	Individuals Fit Tested 2021	Individuals Fit Tested 3/21 to date
5 meetings 3 workgroups	3	75 (74 MHD Staff)	124 MHD Staff National Guard



ENVIRONMENTAL HEALTH BRANCH

2021 SUCCESSES

Environmental Health

Staff continued to assist with safe planning practices for large events and venues as requested.

In April, the HEH department started providing case management and lead abatement to any child with a single draw of 15 and above

CEH management participated in regular partner workgroup calls for restaurants & bars, entertainment venues, and schools to continue to assist with COVID-19 guidance.

HEH has significantly increased its collaborations with community partners and organizations

A large part of the CEH staff's focus has been on education while out doing inspections. CEH recognizes there has been large turnover in the restaurant industry and many places are dealing with very new kitchen/wait staff.

ENVIRONMENTAL HEALTH BRANCH

2021 SUCCESSES

Emergency Preparedness

Served in multiple Incident Command positions for both City and County COVID-19 Response & helped facilitate City Emergency Operations Center (EOC) meetings

Collaborated to stand up, supply, operate & manage the main COVID-19 Isolation Facility in the region

Organized, supported, and ran multiple COVID-19 Community Testing Sites in different locations throughout Milwaukee

Organized, supported, and ran multiple COVID-19 Vaccine Mass Vaccination, Mobile Vaccination, Neighborhood Canvassing Vaccination, and Homebound Vaccination efforts Citywide

Collaborated with MFD and MHD Laboratory to provide place-based testing for COVID-19 throughout the City

Operational planning for COVID-19 Vaccine Mass Vaccination Distribution

Aided City departments, private businesses and agencies, federal courthouse and non-profit service orgs. With COVID-19 Risk Assessments

Aided in research on beach water quality, sat on Milwaukee Estuary Area of Concern committee tasked with improving water quality in Milwaukee's watershed, beaches, and harbor

Coordinated rapid response to stand up cooling centers in extreme heat events in Milwaukee

Provided advice and expertise within the community regarding indoor air quality, industrial or other fugitive odors, water quality, bedbugs, lice, and other infestations, sharps and other infectious waste, possible rabies exposures, carbon monoxide exposures, in homes, schools, offices, and public facilities

POLICY, INNOVATION, & ENGAGEMENT

POLICY, INNOVATION, & ENGAGEMENT BRANCH

HEALTH STRATEGY, DATA, & MARKETING & COMMUNICATIONS

Open Records Requests Processed	Press Releases & Media Advisories	Board of Health Meetings	Grant Funds Secured	Electronic Health Record	Strategic Planning Kickoff	Development of Community Health Assessment
188	53	9	~\$6.7 Million			

POLICY, INNOVATION, & ENGAGEMENT

2021 SUCCESSES

Data Infrastructure

Electronic Health Record
Implementation

Case & Vaccination
Analysis & Dashboard

Maintaining operations
with Vital Records
throughout pandemic

Community Engagement

Re-engagement of MKE
Elevate Action Teams

Crush COVID Crew
(Ambassador Program)

Naloxone administration &
distribution trainings

Operations

Secured \$6.7 million CDC
grant to serve vulnerable
populations impacted by
COVID-19 pandemic

2022 PRIORITIES

- Stabilization of department - Recruitment, hiring, and retention
- Continuing COVID-19 response and recovery efforts
- Continuing core clinical operations and service areas
- Implementation and training for increased data capabilities, i.e. surveillance; EHR
- Continuing to address and respond to childhood lead poisoning through policy change and by leveraging community partners
- Complete 5-year department wide Strategic Plan
- Complete 5-year Community Health Improvement Plan
- Cultural Renovation – Provide leadership & management training; address trauma with staff

THANK YOU!