

Supporting the Local Public Health Workforce During Lead Poisoning Prevention Activities

Aimee Surma, MS, RN
CLPPP Nurse Consultant

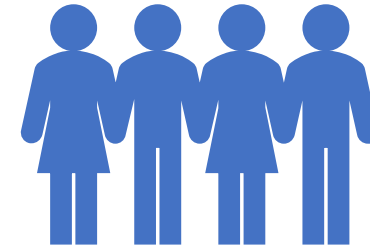
Julie Fox, MSN, RN
CLPPP Nurse Consultant



Objectives



The learner will develop skills and strategies to expand local public health workforce in response to compassion fatigue and burnout.

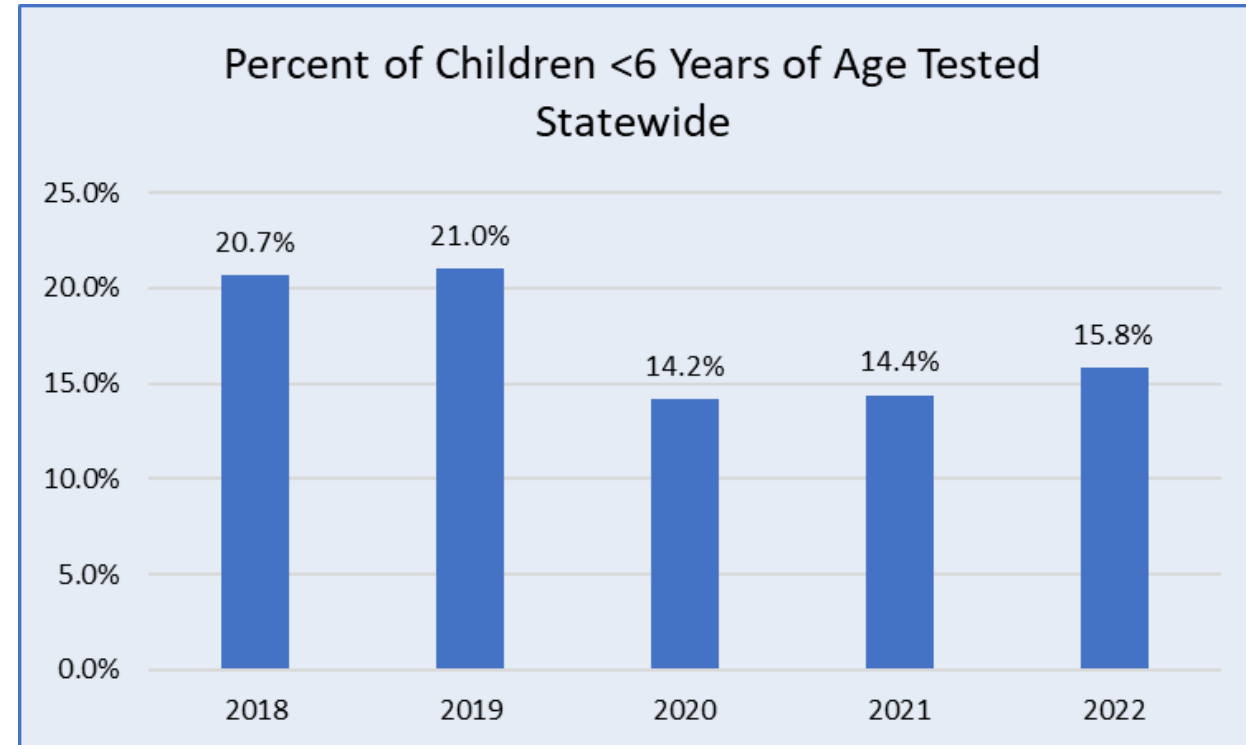


The learner will identify how to build community relationships to address social determinants of health barriers.

Landscape of Lead in Michigan

Impact of Pandemic on Blood Lead Testing

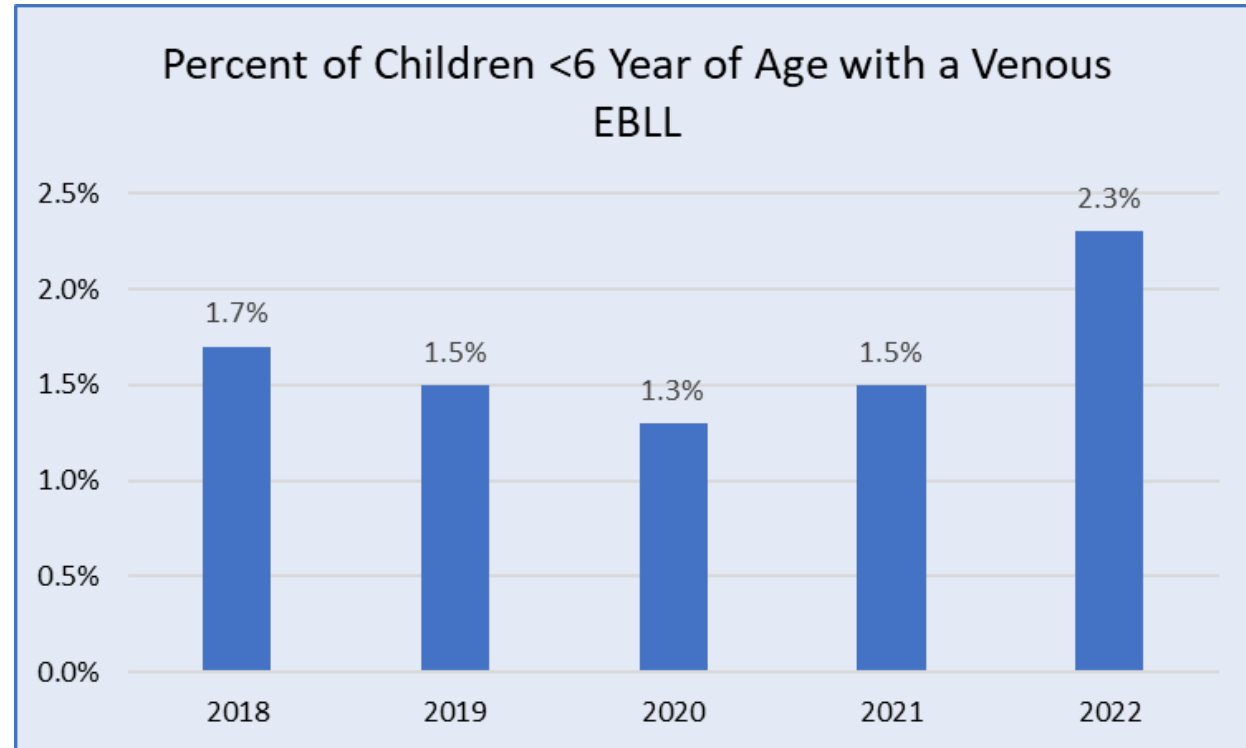
- Decrease in testing during 2020-2021
 - COVID-19 Pandemic
 - WIC clinics closed for in-person appointments
 - Lead nurses redirected to COVID-19 activities
 - Increase in telemedicine visits
 - Deferment of care
 - Lead Care II recall



- Calendar years
- Data source: <https://mitracking.state.mi.us/>

Impact of Testing Changes on Nurse Case Management

- Decrease in Blood Lead Reference Value in May 2022 from 5 $\mu\text{g}/\text{dL}$ to 3.5 $\mu\text{g}/\text{dL}$
 - No longer able to use filter paper testing due to sensitivity of analysis
 - Challenges with new microtainer collection process
 - Increased number of children eligible for case management services



- Calendar years
- Data for 2018-2021 is represented in this chart as a BLRV of 5 $\mu\text{g}/\text{dL}$.
- Data for entire year of 2022 is represented in this chart as a BLRV of 3.5 $\mu\text{g}/\text{dL}$.
- Data source: <https://mitracking.state.mi.us/>



Opportunities

- Partnerships and collaboration efforts
- Programmatic changes
- Communication
- Support and training



Barriers

- External systems and programs
- Individual reactions and responses
- Implementation of programs at the local level
- Time allocated to conduct nurse case management
- Complexity of cases and needs of families

Changing the Narrative



Compassion Fatigue



Compassion Satisfaction

Approach

Strategies Implemented



Technical
assistance



Communication



Reimbursement
& funding



Staffing



Training



Partnerships

Complex Case Reviews



Purpose

- Assist local nurse case managers with navigating elevated blood lead cases requiring extensive linkage to care

Outcomes

- Developed robust partnerships
- Increasing trust between consultants and local nurse case managers
- Addressing social determinants of health for individuals and community
- Continuity of care for children enrolled in nurse case management

Improved Communication



Communication Approach

Previous: Programmatic updates in the form of CLPPP notes newsletter, emails and quarterly meetings

Current: Office hours, revamped CLPPP notes newsletter, continued emails and regional meetings



Topics for Office Hours

- Lead poisoning prevention database training
- Provider education with the physician detailers
- Lead Safe Home Programs overview
- Translating environmental investigation report findings to education for families
- Requesting data and utilizing data to inform case management practices
- Using the microtainer collection method

CLPPP Notes

Issue 4
June 2021

CLPPP Notes

Mission:
To prevent childhood lead poisoning across the state through surveillance, outreach, and health services.

Inside this issue:

Administrative Updates	1
Provider Outreach Plan Updates	2
Staff Updates	3
Data Updates	3
Nursing Case Management Updates	4
Mi-HHLPSS Tips and Updates	4
Wellness & Resources	5
Contact Us	5

Administrative Update:
CLPPP is pleased to announce we joined the Lead Services Section (LSS) team in early March! Formerly the Healthy Homes Section, the LSS is managed by Carin Speidel and houses the Lead Safe Home Program (LSHP) and the Community Development Unit (CDU). It was a natural and logical transition because both the CLPPP program and LSS already worked closely together. CLPPP operations will remain the same as they always have been. Our office location and contact information will also remain the same.

MPHI Survey
On June 8th, MPHI sent out the annual CLPPP evaluation for LHDs to complete. This is an important survey to gain feedback on our program activities and help us plan for ways we can improve as a program and better serve you and your jurisdictions.
Once the survey is complete, the feedback collected is presented to the CLPPP team by MPHI. We then use your feedback to identify program weaknesses and use this to update any strategies for the next year. This year we will use feedback to build into the new case management system.

Stay safe!

CLPPP Manager
TwichellM@Michigan.gov

1

Previously:
programmatic updates



Currently:
resource guide for nurse

Michigan.gov/MiLeadSafe July 2023

CLPPP Notes for Local Health Departments

Contents

Reminders and Updates 2

- Vacation coverage
- Karen Lishinski's retirement
- Upcoming satisfaction survey
- CLPPP quarterly reports due

Trainings and the Calendar 2

- Grantee meeting
- Nurse Case Management Database training
- Nurse Case Management Guide training
- Regional in-person training

Resources 3

- MICLEAR
- Medicaid Health Plan map and contact information
- Remediation resources

We Want to Hear from You 4

- New survey: What is your favorite format for reference material?

Case Management Strategies 4

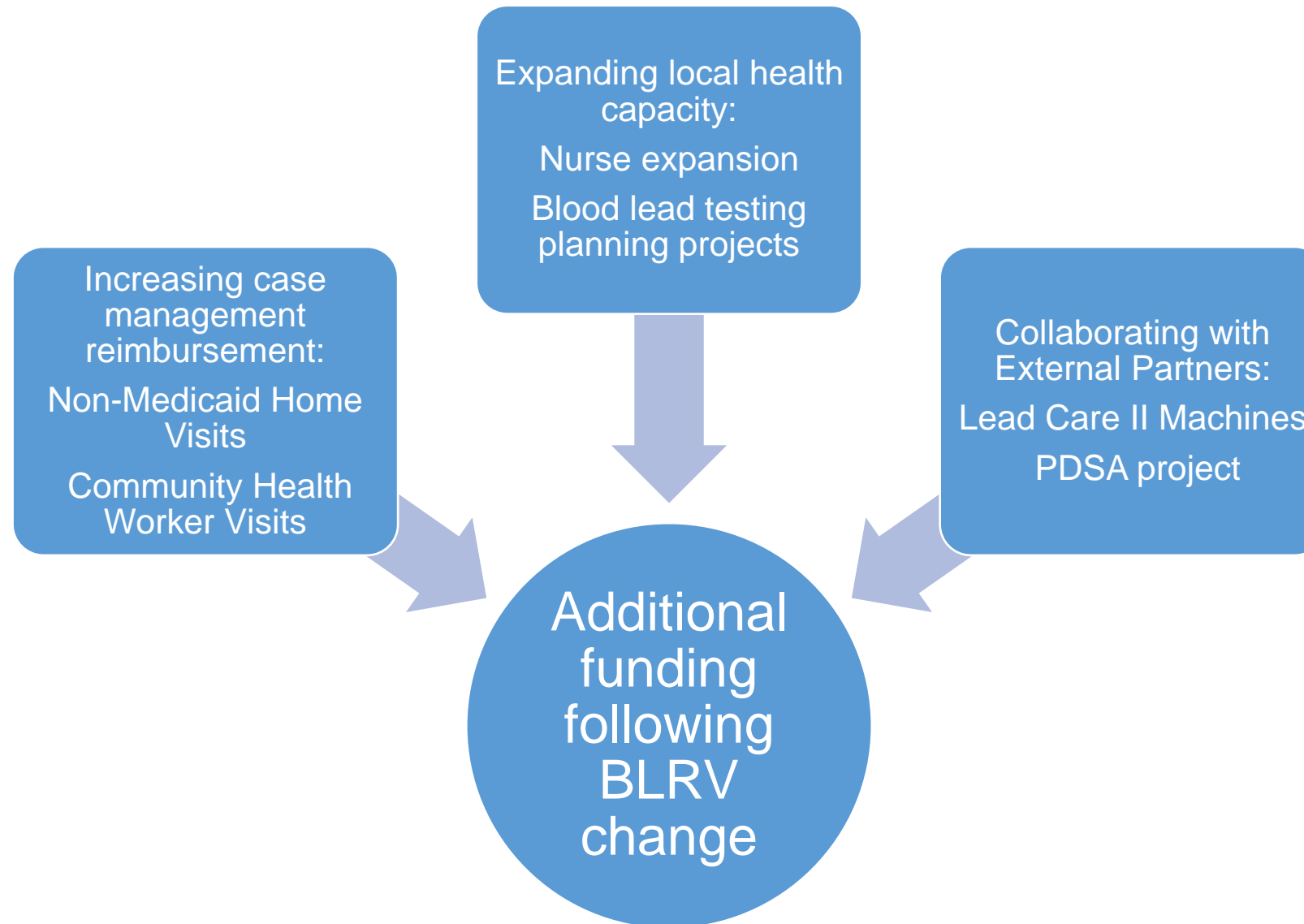
- Continued Series: Social Determinants of Health
- Continued Series: Case Management Strategies and Workload

Nuggets of Knowledge 9

- Landlord enforcement

1

Reimbursement & Funding



Staffing



Additional nurse consultants hired



Scope of nursing role and standards of practice defined



Expanded staffing model to include community health workers

A photograph showing several hands of different skin tones raised in a gesture of support or agreement. The hands are positioned in the foreground, with some overlapping. The background is blurred, suggesting an indoor setting with other people present.

Training and Guidance Documents

- Lead 101
- Trauma Informed Care
- Strengths-Based Approach
- Nurse Case Management
 - Newly developed procedures
 - Managing Elevated Capillary Tests
 - Managing Elevated Venous Tests
 - Case Closure of Elevated Venous Blood Lead Levels
 - Case Management Documentation Standards
 - Application of procedures
 - Documentation on revised home visiting forms
 - Plan of care including chelation addendum

Plan of Care

Client centered and strengths-based interventions

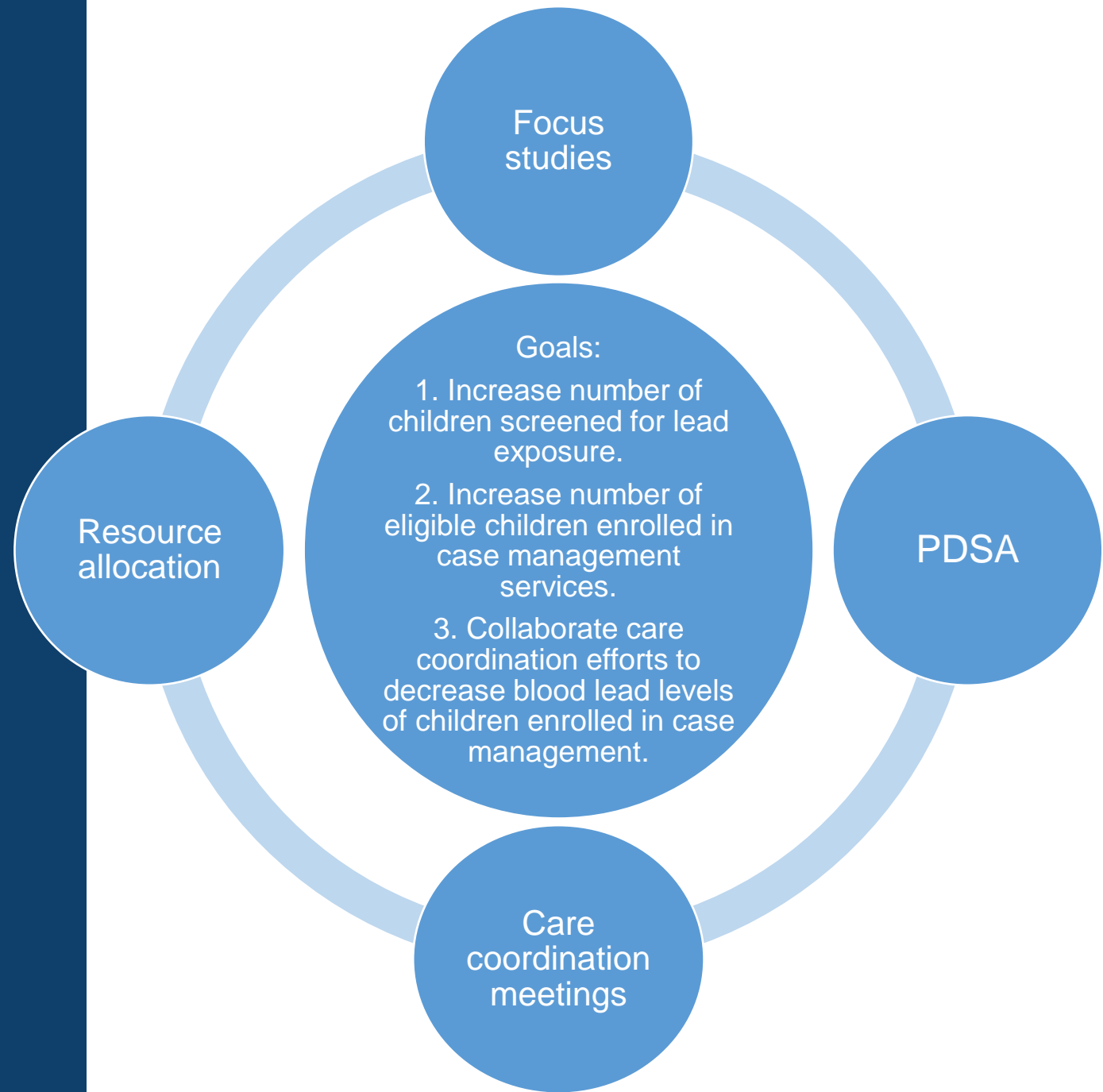


Social Determinants of Health



Domain	Interventions
Neighborhood and built environment	<ul style="list-style-type: none"> Referral to abatement program Environmental assessment Education on wet cleaning
Healthcare access and quality	<ul style="list-style-type: none"> Facilitate blood lead testing Monitor blood lead level trends Coordination with primary care provider (pica-like behavior)
Social and community context	<ul style="list-style-type: none"> Reassurance to caregiver Education on lead hazards identified Encourage caregiver to identify support systems Referrals to infant mental health, childcare resources, legal aid, local code enforcement
Education access and quality	<ul style="list-style-type: none"> Referral to Early On/Project Find Referral to Head Start/Great Start Readiness Referral to local behavioral health
Economic stability	<ul style="list-style-type: none"> Referral to WIC, MI Bridges, other local resources Coordinate transportation

Medicaid Health Plans Partnership



MDHHS Program Partnerships

Maternal Infant Health Program

- MIHP home visitors providing linkage to nurse case manager and education on importance of testing children at 12 and 24 months

WIC

- Collaborating on education and blood lead testing

Lead Safe Home Programs

- Strengthening internal partnership to ensure families are moving through referral process and receiving services
- Partnering to support emergency relocation of hospitalized children

Conclusion & Next Steps

COMPASSION

SATISFACTION

Clear communication

Transparency

Organizational support

Continue to provide opportunities for feedback on revised NCM materials and database before the go live date

Giving nurses a choice and voice



Utilize end of year survey results to inform programmatic changes

Support nurses with addressing SDOH barriers

Prioritize capacity building



Questions





Contact information:

Aimee Surma, MS, RN

(517) 512-5298

surmaa@michigan.gov

Julie Fox, MSN, RN

(517) 582-4844

foxj17@michigan.gov