

MCEH ColIN Change Package Mississippi State Team

Key:

- The changes listed here are the changes that the **Mississippi** state team decided to test throughout the ColIN. *This is not the complete MCEH ColIN Change Package.*
- The majority of the changes that Mississippi decided to test have been ranked by “leverage” from 1 (low leverage, not very important) to 5 (high leverage, very important). You will find these rankings in the third, right-most column of the Mississippi State Team MCEH ColIN Change Package.
- Under each Primary Driver heading there is a short “recommendations” section that is specific to that primary driver. This data was gathered at the MCEH ColIN Harvest on 5/5/2020.
- **Text in red highlights specific activities/adaptations to each MCEH ColIN change idea that Mississippi performed.**

Primary Driver: Clinical		
Recommendations:		
<ul style="list-style-type: none"> • Public Health Detailing • Engaging providers through in-person communications and in virtual settings (webinars) • Partnerships with MSU and GHHI for provider and community trainings. • Strong relationships with Medicaid/MCOs • Quick Guides for Providers • Medicaid data linkage helps identify gaps in reporting. 		<ul style="list-style-type: none"> • Medicaid Audit data was used to assess provider trends and helped to target providers for Public Health detailing • MSU Provider PSAs and webinars • Provider report cards • Lead Poisoning Article • Follow-Up letters to Providers (EBLL) • Leveraging partnership with MS State/UM for trainings • Required reporting of all blood lead levels as part of Reportable Diseases and Conditions.
Secondary Driver	Change Idea	Rank Change Idea from 1-5 1 = low leverage 5 = high leverage
Prevention and Mitigation	Provide trainings for Pediatricians and other PCP, Provide trainings for Providers (Care Coordinators/WIC nutritionists/Head Start staff/EI, Leveraging partnerships (including other Health Services and external partners) ** ID/Exposure, Training Resources: Guidelines, CEHN Pediatric Training Manual: NEW Reference level <ul style="list-style-type: none"> • Medicaid Provider/Beneficiary Workshops • Videoclips on Website • Guidance at a Glance: https://msdh.ms.gov/msdhsite/_static/resources/8119.pdf • Mississippi State University (MSU) Provider trainings 	3; still not seeing lead as a problem

	Participate as exhibitor at Primary Care Provider conferences, symposiums, forums <ul style="list-style-type: none"> • American Academy of Pediatrics Fall Conference • Mississippi Perinatal Quality Collaborative (MPQC) Annual Conference • Family Practice Survey/Listserv • Social Worker Summit • Southeast Mississippi Rural Health Initiative Conference • Rural Health Clinic Conference - May 2019 • Rural Health Lead Poisoning Prevention Webinar - November 2019 	3, increased interest
	Establish Medicaid Pilot Projects (Intervention; Education; and Follow up) <ul style="list-style-type: none"> • Audit Plan-Do-Study-Act Project • Medicaid audit September-2018 August 2019 for 1 & 2 year-olds • Early and Periodic Screening, Diagnostic and Treatment (EPSDT) Quality Improvement compare pre & post • Electronic Health Records • Data Linkage • Medicaid Data Linkage: gaps 	
	Parental Education at Primary Care child Visits, OB/AGYN Visits <ul style="list-style-type: none"> • Provision of materials; Linked with Exhibits; Correspondence • Develop letter to send to all OB/GYN clinics along with the lead and healthy home educational material order form • Academic Detailing Pharmacy Collaboration 	1; lack of interest, awareness 4; receptive of the materials and information provided
	Discuss with parents before leaving hospital about risks with referral as needed <ul style="list-style-type: none"> • Baby Café Sessions for pregnant and breastfeeding mothers (Screening questionnaire) • Baby and Me Classes (Desoto County) • All birthing hospitals receive lead and healthy homes educational materials 	2; attendance varies
	Explore local payment processes for care coordination: coordinate with other support systems <ul style="list-style-type: none"> • Supplemental grant project: Community Health Workers 	
	Provide educational outreach concerning lead poisoning prevention and oral health <ul style="list-style-type: none"> • Baby Cafés in Greenville, MS 	2; attendance varies
	Provide one on one lead poisoning prevention education to parents visiting the facilities	1; awaiting train-the-trainer

	<ul style="list-style-type: none"> Parenting Stations in Union, Coahoma, Lauderdale, Hinds Jones, Adams, Laurel, and Harrison counties 	
	MSU created a lead prevention video; posted on YouTube, Mississippi State Department of Health (MSDH) and MSU Extension Service website	2; not much traffic yet
	Provide Oral Health materials and supplies to families of children with BLL 15 or higher	1; just started this project
Identification and Exposure	Require Medicaid Managed Care organizations to track and report performance: Consider tracking, Provision of increased reimbursement, create a performance measure for blood lead testing and make public <ul style="list-style-type: none"> Mississippi managed care organizations (MCOs) United Healthcare and Molina workshops 	3; help us target outreach
	Create Provider Report Cards on blood testing rates	3; helped us identify providers for academic detailing
	Encourage Ob/GYNs to complete environmental assessments: Distribute Lead information at minimum <ul style="list-style-type: none"> Develop letter to send to all OB/GYN clinics along with the lead and healthy home educational material order form Exhibit- MPQC annual conference 	1; lack of knowledge/awareness of lead
	Provide targeted testing guidelines and Questions with Providers <ul style="list-style-type: none"> Guidelines at a Glance (Ranked 2; providers still contact program with questions/concerns) Academic Detailing Collaboration (Ranked 4; receptive of materials and information provided) Journal of the MS State Medical Association (Ranked 2; limited access) Contributing to MS Today Article (Ranked 3; wider audience) 	
	Electronic reporting of Data from laboratories <ul style="list-style-type: none"> Reviewing Mississippi Public Health Laboratory data Reviewing/testing electronic reporting tool from Alabama 	3; potential for identifying lead elevations in real time
	Offer blood testing through mobile health units or Pre-scheduled referrals <ul style="list-style-type: none"> Partnership with Magnolia MCO and MAP/Friends of Children 	3; potential for increasing screening and awareness of lead poisoning among head start children
	Work with PHRM to provide questionnaire and education to mothers <ul style="list-style-type: none"> Questionnaire 	

	<p>Working on non-traditional exposure article</p> <ul style="list-style-type: none"> • MSDH Public Health Report 	3; increase awareness on non-traditional exposures.
Treatment and Mitigation	<p>Use Housing grant funding for remediation</p> <ul style="list-style-type: none"> • HUD grant awarded • Identify resources for flood insurance. 	4; improve housing conditions
	<p>Use of claims data to ensure test and confirmatory tests</p> <ul style="list-style-type: none"> • Reach out to Blue Cross and Blue Shield 	1; no response
	<p>Nutritional counseling of Families for adequate intake of calcium, iron ,and vitamin C</p> <ul style="list-style-type: none"> • Meeting with WIC and training of nutritionist 	2; evaluation pending
	<p>Support Cultural awareness among physicians when surveillance data indicate children are being exposed to lead in candy, remedies, etc., Support awareness of occupational exposures</p> <ul style="list-style-type: none"> • Media Plan • MSDH Banner Home Page • MSDH and Medicaid websites • Consider Health Alert Network (HAN) Alerts • Partnership with OSHA • Upcoming training for Olin Winchester staff 	4; increase awareness 2; mitigation of exposure 3; mitigation of exposure and increase awareness of lead
	<p>Distribute guidance documents for follow up care for children identified with EBLL</p> <ul style="list-style-type: none"> • Quick Guide 	3; increase interest
	<p>Work with Schools to provide IEP if needed</p> <ul style="list-style-type: none"> • Discuss Feeder school linkage with Early Intervention (Add EI rep to coalition) • Child Find • Public Awareness Committee 	
	<p>Working with EI agency to change the referral form</p>	3; allow for two-way referrals among EI, CYSHCN and Lead
	<p>Provide education for families around emotional toll of Lead poisoning</p> <ul style="list-style-type: none"> • CHW training adjunct • Partnership with Mental Health/USM/CYSHCN 	3; allow for increased identification of lead and healthy home hazards

	<ul style="list-style-type: none"> Families as Allies Family to Family CYSHCN Parent Curriculum Recruiting Parent Advocate Department of Mental Health personnel received Healthy Homes Training 	
	Recommend neuropsychological testing for high levels	3; increase mitigation of neurotoxic effects
Policy	Adopt the CDC Reference Level: Medicaid on board <ul style="list-style-type: none"> Review Medicaid <u>Follow up</u> policies 	2; increase identification of children; inadequate follow through
	Maintain mandatory reporting of ALL** Levels <ul style="list-style-type: none"> Highlight on trainings and Guidelines at a Glance 	2; inadequate follow through

Primary Driver 2: Housing

Recommendations:

- Partnering with County Mayoral Health councils to assist with HUD grant implementation
- Essential for Healthy Homes training for various partners to include Department of Mental Health, MCOs, and other community organizations.
- Partnering with MCOs to conduct home visit for families of children with BLLs of 5 or higher who were non-responsive to calls from program.
- Surveying families for lead and home health hazards through Perinatal High Risk Management/Infant Service Systems for housing issues during clinic visits.
- Data sharing with Regional Housing Authorities for children with BLLs of 5 or higher.
- Additional funding for policy initiatives. We are actually going to be working towards policy development in 6 of our high-risk counties beginning October 1st with Green & Healthy Homes Initiative.

Secondary Driver	Change idea	Rank Change Idea from 1-5 1 = low leverage 5 = high leverage
Prevention and Remediation	HUD Grant awarded for the following: <ul style="list-style-type: none"> Educate Property Owners and Contractors Electing homes that are eligible for funding Training city contractors Training City Staff 	2; increase pool of certified contractors to perform lead-based paint remediation

	Partnership with MCO organization to provide educational materials <ul style="list-style-type: none"> • Magnolia Insurance will provide home visiting for their clients MSDH cannot reach 	4; increase number of families receiving program services/referrals
Identification and Exposure	Collect census tract /zip code data on water, (tributaries)dust, paint, and soil in collaboration with community-based organizations <ul style="list-style-type: none"> • Overlap maps with tributaries and elevated lead levels with daycares/Head Starts, schools 	3; basis for door to door project
	Partner with Home visiting organizations to provide educational materials <ul style="list-style-type: none"> • Provision of data to Perinatal High Risk Management (PHRM) and MDHS 	
Policy	Current Policy gaps per Green and Healthy Homes <ul style="list-style-type: none"> • Housing Code Policy enforcement to be highlighted in the upcoming MS Today article. 	

Primary Driver 3: Child Care and Schools

Recommendations:

- WINN grant partnership with MSU for lead testing of water in schools
- Childcare/Head Start lead meetings in high-risk areas.
- Adoption of Head Start Center for mobile clinic lead testing
- Healthy Start meetings to share lead and healthy homes information to participants
- Collaboration with Child Find
- Change in Early Intervention Automatic Eligibility (down to 10 ugm in our case)
- Automatic referral to CYSHCN program if child identified in home with special health care need

Secondary Driver	Change Idea	Rank Change Idea from 1-5 1 = low leverage 5 = high leverage
Prevention and Remediation	Train school and child care staff to utilize checklists (such as Eco Healthy Child Care Program and Healthy Schools Network) <ul style="list-style-type: none"> • Participate in Head Start Back to school Training Orientation • Jackson State University Curriculum • Develop preschool- school STEM environmental curriculum/summer program (partner with summer programs) 	1; reassessing

	<p>Implement the EPAs 3T recommendations to test water for lead</p> <ul style="list-style-type: none"> Partnering with MSU Water Infrastructure Improvements for the Nation Act (WIIN) Grant to implement EPA 3T recommendations (Training, Testing, and Taking Action) in schools 	3; expanding reach to include schools
	<p>Disseminate publicly on MSDH website area specific residences at risk for having lead pipes/ other plumbing fixtures pre-1987 homes</p> <ul style="list-style-type: none"> Door Hangers Discussing within the agency to share more detailed high-risk maps on agency website 	3; increasing awareness and testing
Identification and Exposure	<p>Educate child care professionals and facility managers how to test their facilities for lead in paint, water products</p> <ul style="list-style-type: none"> Evaluate as part of WIIN Grant project 	2; already in regulation
	<p>Share information on Evidence based Environmental Assessment tools with Community organizations</p>	1; revisiting
Treatment and Mitigation	<p>Partner with Child Find</p> <ul style="list-style-type: none"> Long term follow-up Early Intervention will serve as intermediary Review 4-5 year-olds with persistent levels; Monitor progress 	
	<p>Partner with office or mobile testing sites to improve access</p> <ul style="list-style-type: none"> Public Health Pharmacy Partnership to offer rapid testing Point of Care Transferred to Magnolia/Choices for Children 	3; increase testing
Policy	<p>Lower level of automatic EI referrals to match change in CDC reference level</p> <ul style="list-style-type: none"> Research effectiveness of change in policy for persistent levels > 1 year 	2; low enrollment
	<p>Incorporate parents, grandparents, into Lead Advisory Board/Coalition</p> <ul style="list-style-type: none"> Re-establish Advisory Board/Coalition to align with policy goals 	
	<p>Targeted investigation, Education, and testing piloted for policy change</p> <ul style="list-style-type: none"> CHW home visitation assessment program 	

Primary Driver 4: Community

Recommendations:

- Leveraging partnership with GHHI for Community Forums on Policy (paired with Provider training)
- Baby Café presentation to new and expectant mother to include Oral Health
- Partnership with Department of Mental Health to educate about lead poisoning

Secondary Driver	Change Idea	Rank Change Idea from 1-5 1 = low leverage 5 = high leverage
Prevention and Remediation	Provide educational outreach concerning lead poisoning risks and interventions in targeted high risk areas in the City of Jackson <ul style="list-style-type: none"> • CHW Home Visitation/assessment program 	2; low response
	Provide Community education in high risk and non-high risk areas <ul style="list-style-type: none"> • Lead Awareness Month Activities • Mayor Proclamation planned • Occupational Health Safety Symposium • MS Community College Board Worksite Wellness Trainings 	2-3
	Investigate lead levels in neighborhoods near former smelter sites and other hazardous waste sites and convey the information in a culturally sensitive manner <ul style="list-style-type: none"> • Community symposium (not Town Hall) • With Advisory Board/Coalition sponsorship 	
	Partnership with Ole Mississippi Lead in Drinking Water Team <ul style="list-style-type: none"> • Ole Miss Referral 	4; increase identification of lead in water issues.
	Provide educational outreach in Rolling Folk, Mississippi <ul style="list-style-type: none"> • Community Events 	3, increase awareness
	Increase educational materials in the Delta areas <ul style="list-style-type: none"> • Delta health clinics 	3, increase awareness

	<p>Provide educational materials to Families First facilities In Hinds, Vicksburg, Brookhaven, Meridian, Moss Point, Bay St. Louis, Gulfport</p> <ul style="list-style-type: none"> • Community events • Resource Centers 	3, increase awareness
Identification and Exposure	<p>Partnership with Magnolia and Friends of Children</p> <ul style="list-style-type: none"> • Discuss the importance of lead testing with parents • Diaper Day • First Birthday Party 	3; increase lead testing and awareness
	<p>Social Media/TV and Radio Campaign</p> <ul style="list-style-type: none"> • MSDH Communications will post videos on their social media page. • Lead commercials will be played on Pandora Radio Station and on TV stations in our high-risk areas 	3; increase awareness of take-home lead exposure
Policy	<p>Align lead standards in dust and soil with CDC blood lead guidance</p> <ul style="list-style-type: none"> • MSDH Environmentalist 	2, to be evaluated
	<p>Promote feedback loop with common shared vision between state and local policy makers</p> <ul style="list-style-type: none"> • Write Policy brief and /or partner with author 	

Primary Driver 5: Products and Industry

Recommendations:		
<ul style="list-style-type: none"> • Winchester partnership to educate employees on risk reduction strategies for take home lead exposure. • Take Home Lead Exposure posters developed. 		
Secondary Driver	Change Idea	Rank Change Idea from 1-5 1 = low leverage 5 = high leverage
Prevention and Remediation	<p>Identify Parents who are exposed to lead at work about the dangers of lead and dangers of take-home lead exposure</p> <ul style="list-style-type: none"> • Partner with parent groups in high risk areas • Winchester presentation scheduled with upper management and plant managers 	2; low turnout

	<ul style="list-style-type: none"> Produced posters to use in high-risk areas for occupational and clinics use 	
	<p>Work with facilities where employees are exposed to lead and may bring it home</p> <ul style="list-style-type: none"> Presentation forthcoming; partnerships being developed with MS Department of Transportation, MS Wildlife, Fisheries and Parks 	4; increase awareness and decrease secondhand exposure
Policy	<p>Use Media Advocacy: Reframe to advance policy change</p> <p>Educate parents on EPA standards for Leveraging policy change opportunities</p> <ul style="list-style-type: none"> Highlight retail sources of local lead-contaminated candy, toys Parental Testimony Use of MSDH Web Banner 	4; increase awareness