

Michigan Childhood Lead Poisoning Prevention Program

A Guide to the Michigan Lead Surveillance Process

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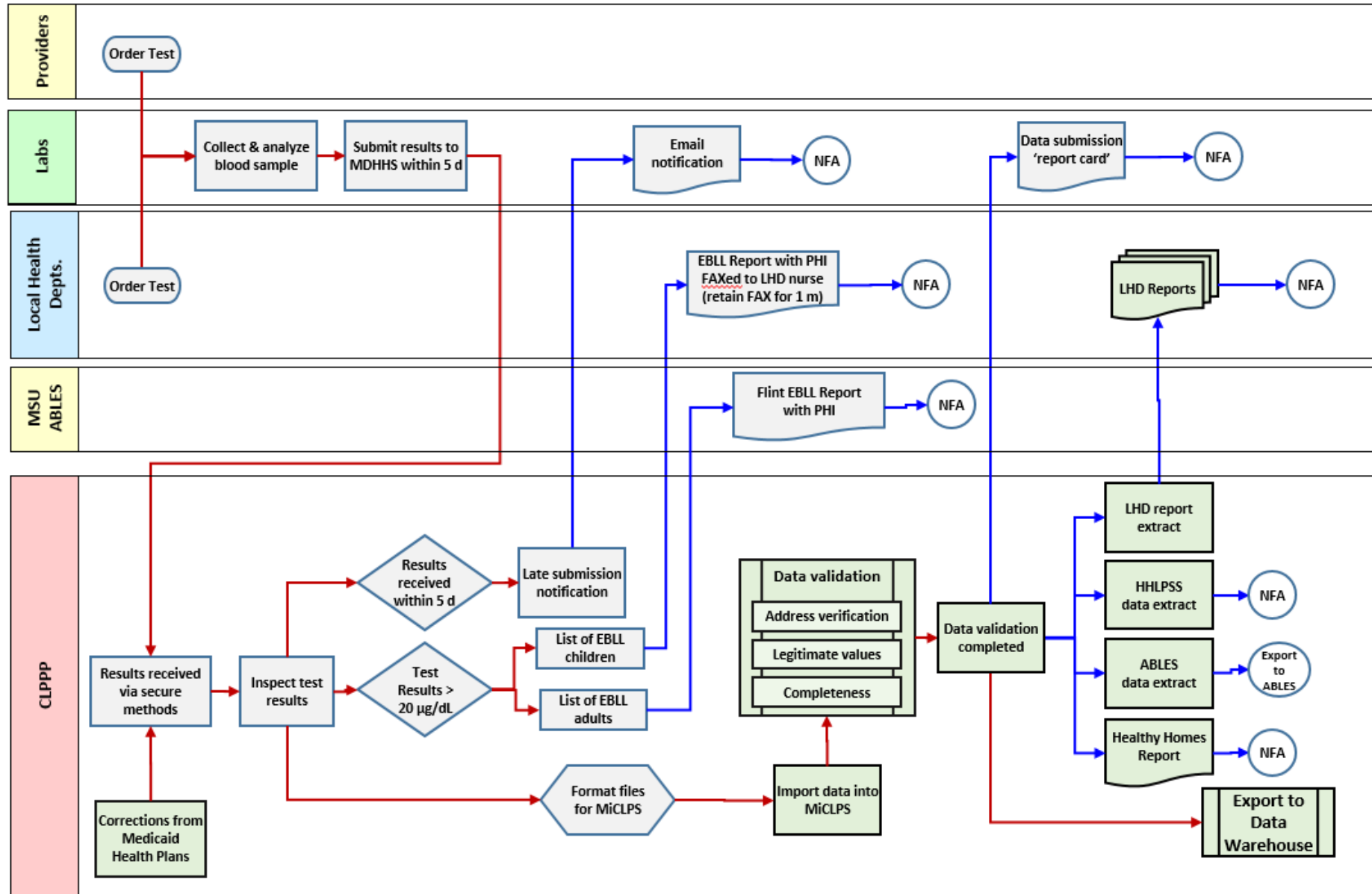
Departmental Analyst: CLPPP

Blood Lead Data Flow

General Overview

- ▶ Blood is drawn and analyzed
- ▶ Test Result reported by testing lab to CLPPP (5 business days)
- ▶ Results imported into MICLPS
- ▶ MICLPS populates HHLPS and provides the weekly HD uploads
- ▶ Results sent to MDHHS Data Warehouse
 - ▶ Linked with MCIR
- ▶ Reports and data requests are pulled from the warehouse

CLPPP Blood Lead Testing Process Map as of 11/17/2017



→ Incoming Daily
← Outgoing Weekly
 NFA: No further action

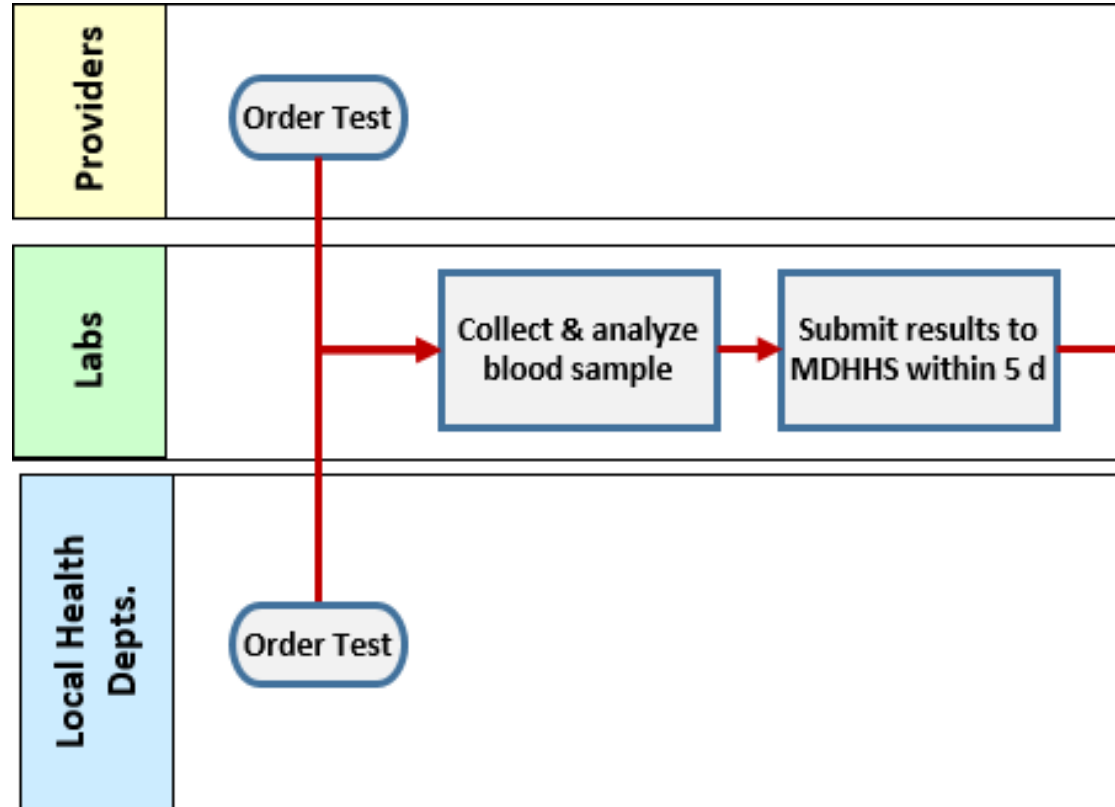
Providers/Laboratories

- ▶ Providers
 - ▶ Order lead test to be performed by clinical laboratory
 - ▶ LeadCare
 - ▶ Many PCP, Local Health Departments, WIC clinics and other community groups
 - ▶ Perform in office Capillary screening using the Leadcare2 machines
- ▶ Laboratories
 - ▶ Clinical labs, hospital labs, nationwide labs
 - ▶ Receive blood samples from providers
 - ▶ Can do both Capillary and Venous tests

Providers/Laboratories

- ▶ Administrative Rule:
R 325.9083

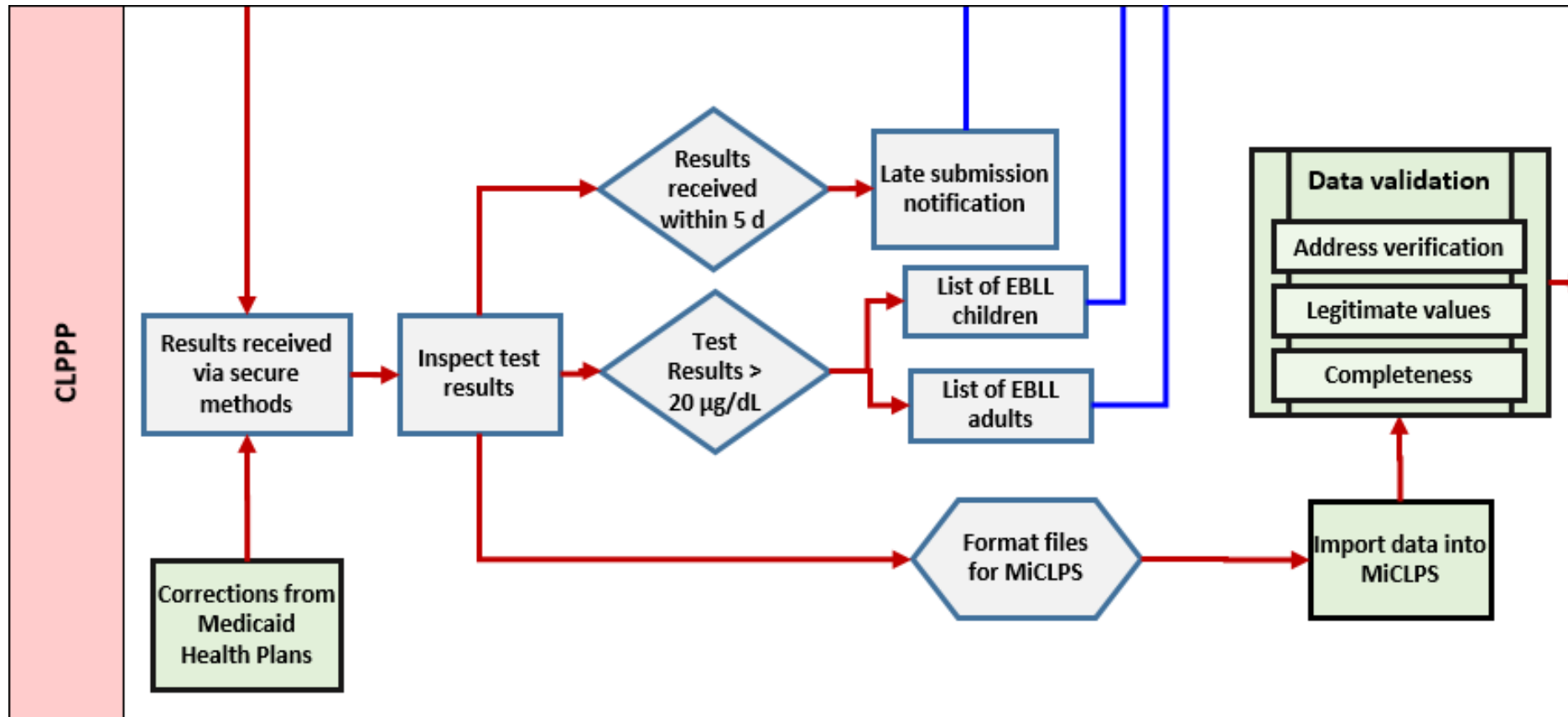
- ▶ All blood lead tests for Michigan residents of all ages must be reported to CLPPP
- ▶ All Blood lead tests must be reported to the CLPPP program within 5 business days of test completion
- ▶ Data must be submitted electronically



CLPPP Daily Functions

- ▶ Receive files from labs
 - ▶ DCH-File Transfer
 - ▶ HL7 Messaging
 - ▶ Some Paper copies via secure Fax
- ▶ Review Files for
 - ▶ Complete data
 - ▶ Submission time
 - ▶ Results ≥ 20 ug/dl
 - ▶ Immediately reported to LHD for follow up
- ▶ Process files for proper import into surveillance database

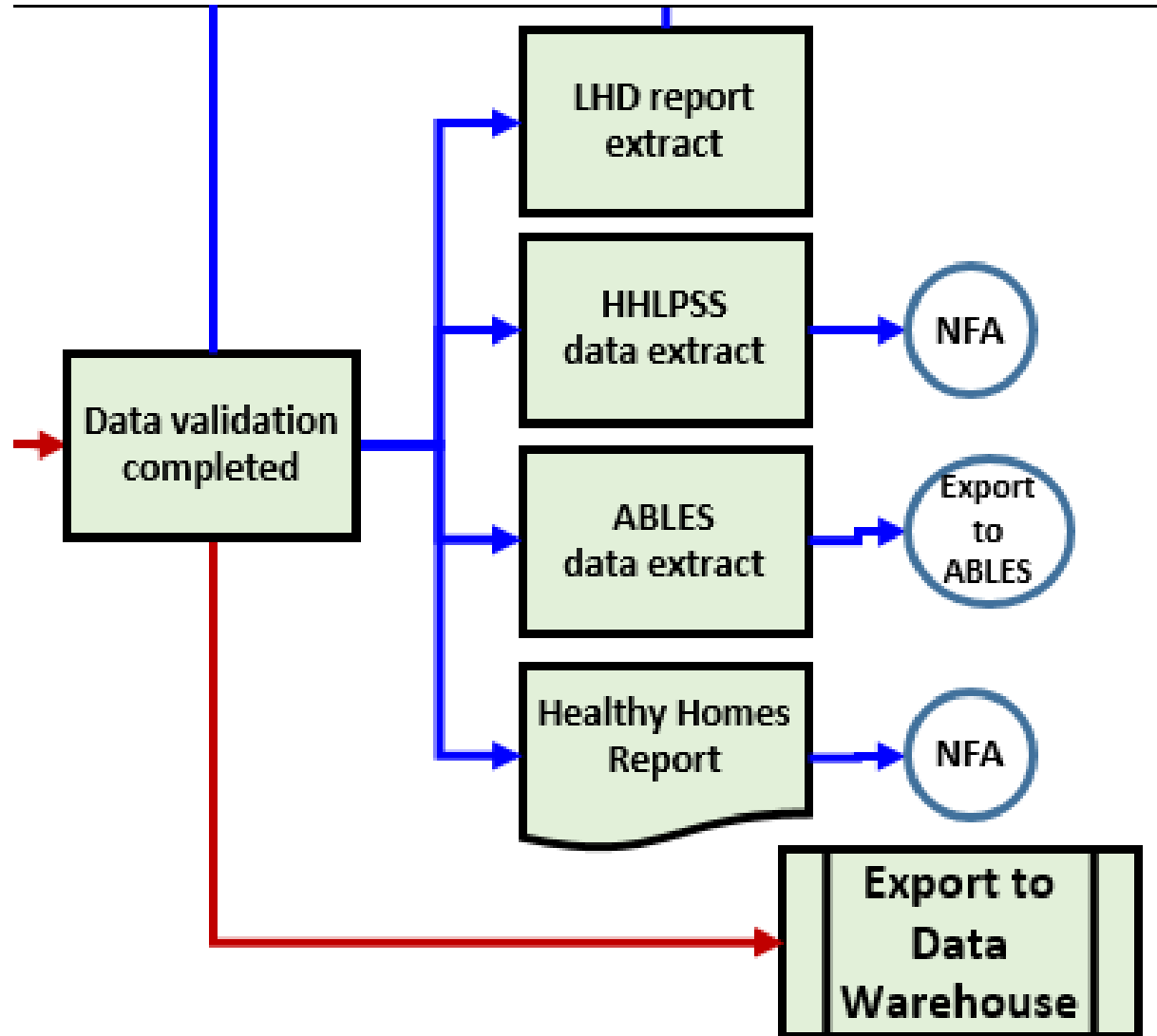
CLPPP Daily Functions



CLPPP Weekly Data Processing

- ▶ Import all test results into surveillance database
- ▶ Ensure all data is accurate and complete
 - ▶ Address validation
 - ▶ Check for missing patient information (Name, DOB)
 - ▶ Check date logic
 - ▶ 1 page sheet is sent to provider or lab to get information before it is included in the weekly file
- ▶ Produce weekly reports
 - ▶ Healthy homes section
 - ▶ ABLES program
 - ▶ HHL PSS database
 - ▶ Local Health Departments
 - ▶ Data Warehouse

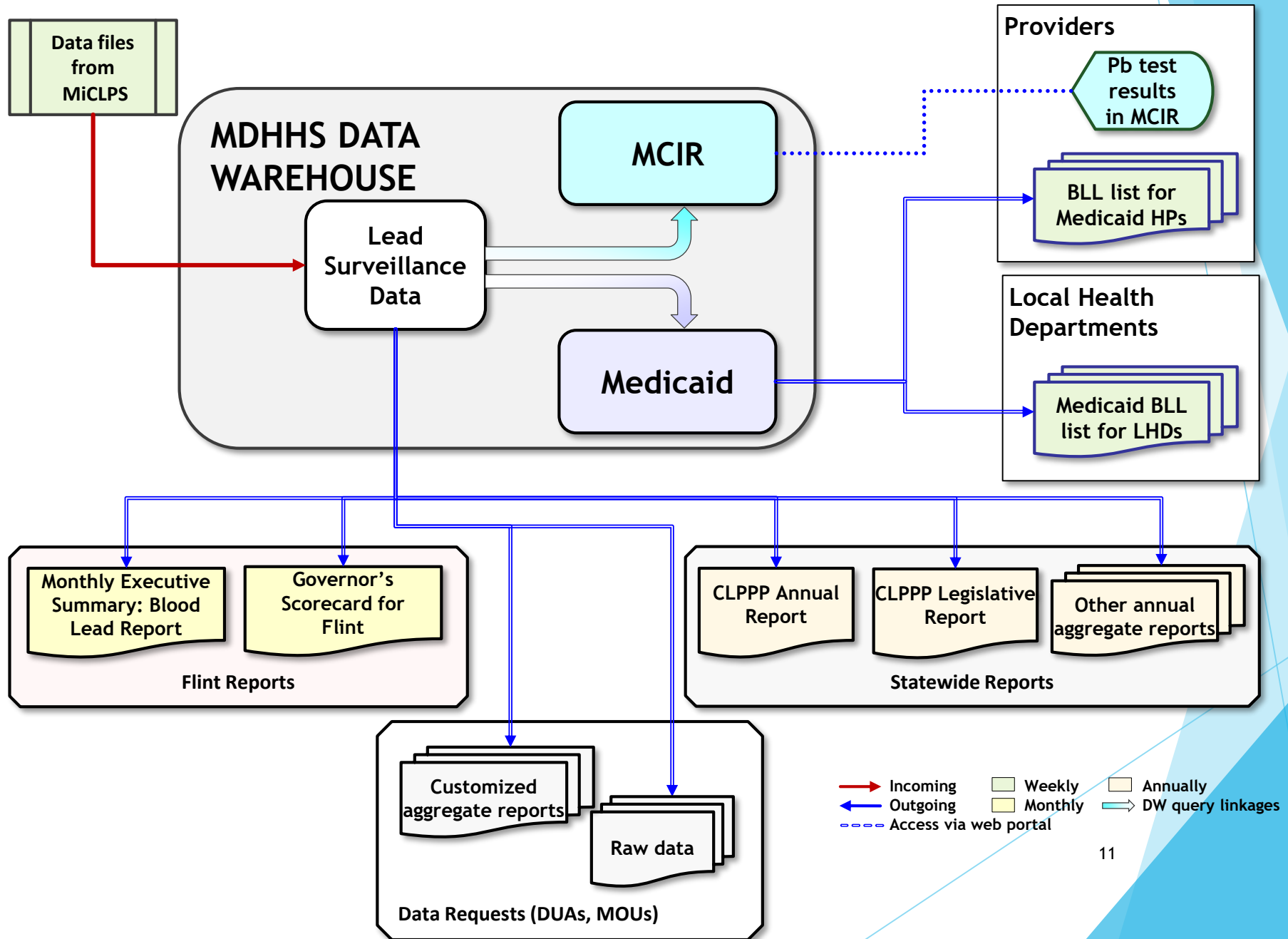
CLPPP Weekly Data Processing



Data Warehouse

- ▶ All blood lead results are uploaded to the state data warehouse on a weekly basis
- ▶ Medicaid reporting
- ▶ CLPPP reports
- ▶ Michigan Care Improvement Registry (MCIR)
 - ▶ Live query into Data Warehouse
 - ▶ Will show Blood Lead results for any individual in MCIR
 - ▶ Blood lead tests that appear in MCIR have gone through the CLPPP processing and are in our records.

Data Warehouse



Data Requests

- ▶ For requests for blood lead data please contact

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