Michigan Care Improvement Registry (MCIR) External Data Modules

Childhood program screening results from (non-MCIR) Michigan Department of Health and Human Services Databases may be viewable to authorized MCIR users. The chart below lists the specific detail by screening result type.

Tab	Description	MCIR Facility Types that may View the Information	Department Contact Information
BMI/Growth (Figure 1)	The Body Mass Index (BMI) Growth Module	Providers, Local Health Departments, MDHHS, Private Treatment Centers, Hospitals	MDHHS BMI/Growth Program
Hearing (EHDI) (Figure 2)	Early Hearing Detection & Intervention	Head Starts, Providers, Local Health Departments, LHD Satellite Clinics, MDHHS, Hospitals, & Audiology Clinics	MDHHS EHDI Program **517-335-8878**
EPSDT (Figure 3)	Early Periodic Screening Diagnostic Treatment	Providers, MDHHS, Hospitals	MDHHS Medicaid Program **800-292-2550**
Lead (Figure 4)	Blood Lead Screening	Head Starts, Providers, Local Health Departments, LHD Satellite Clinics, MDHHS, Private Treatment Centers, Hospitals, & WIC	MDHHS Lead Program **517-335-8350**
NBS (Figures 5 & 6)	Newborn Screening	Providers, MDHHS, Hospitals	MDHHS Newborn Screening **866-673-9939**

BMI/Growth Tab

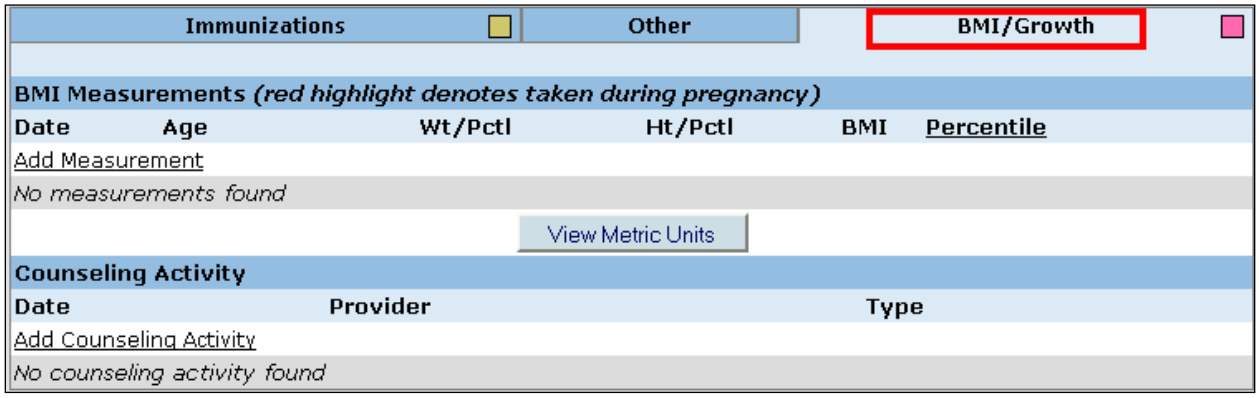


Figure 1: BMI/Growth Tab Screen

EHDI (Hearing) Tab

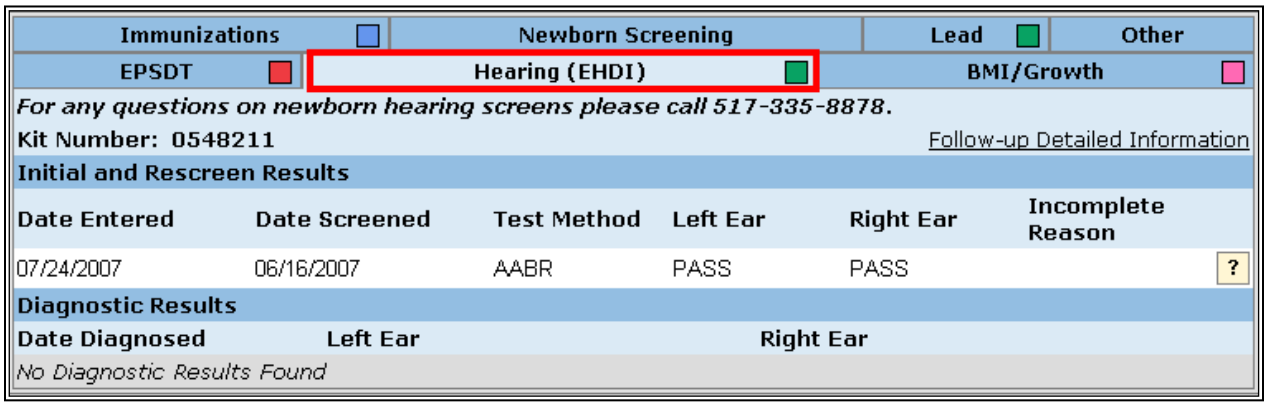


Figure 2: EHDI Screen

EPSDT (Early Periodic Screen Diagnostic Treatment) Tab

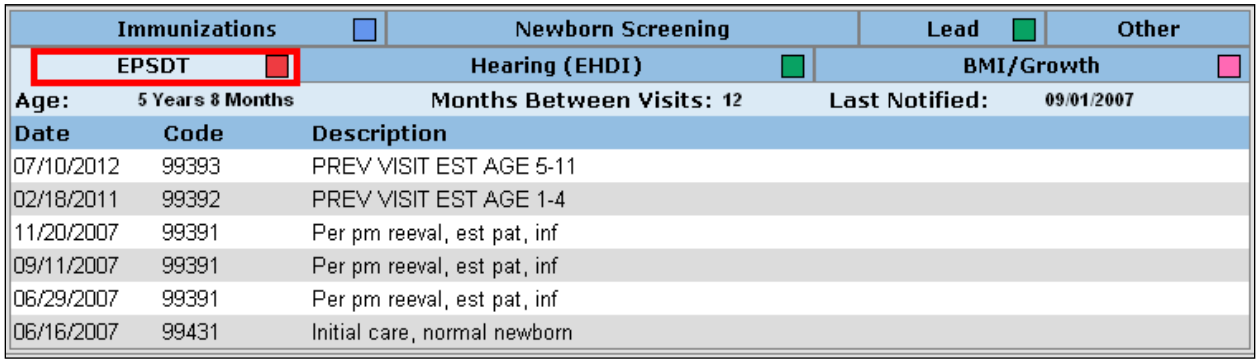


Figure 3: EPSDT Tab Screen

LEAD Tab

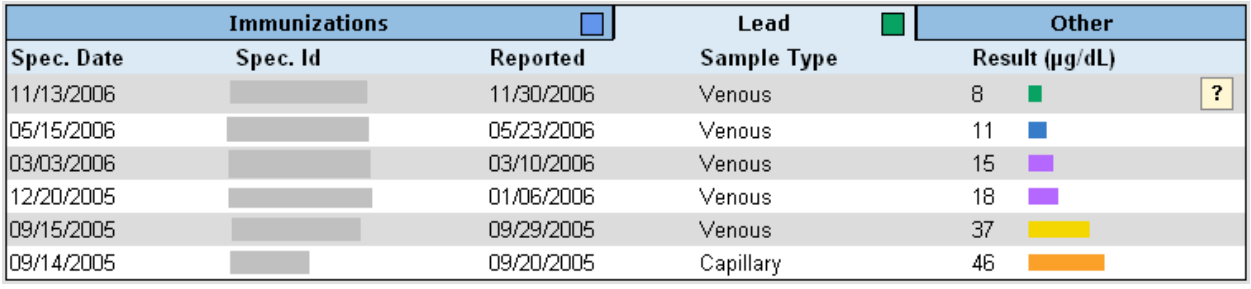


Figure 4: Lead Tab Screen

NBS Tab with link to Mailer (PDF of Newborn Screening Report)

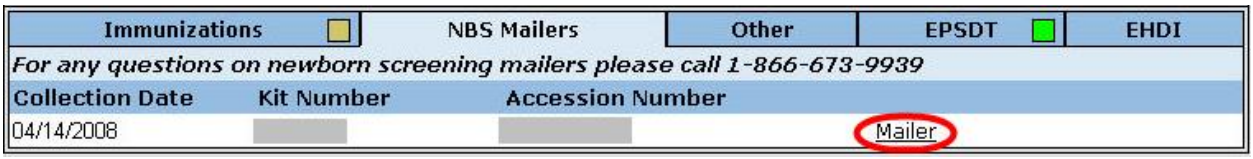
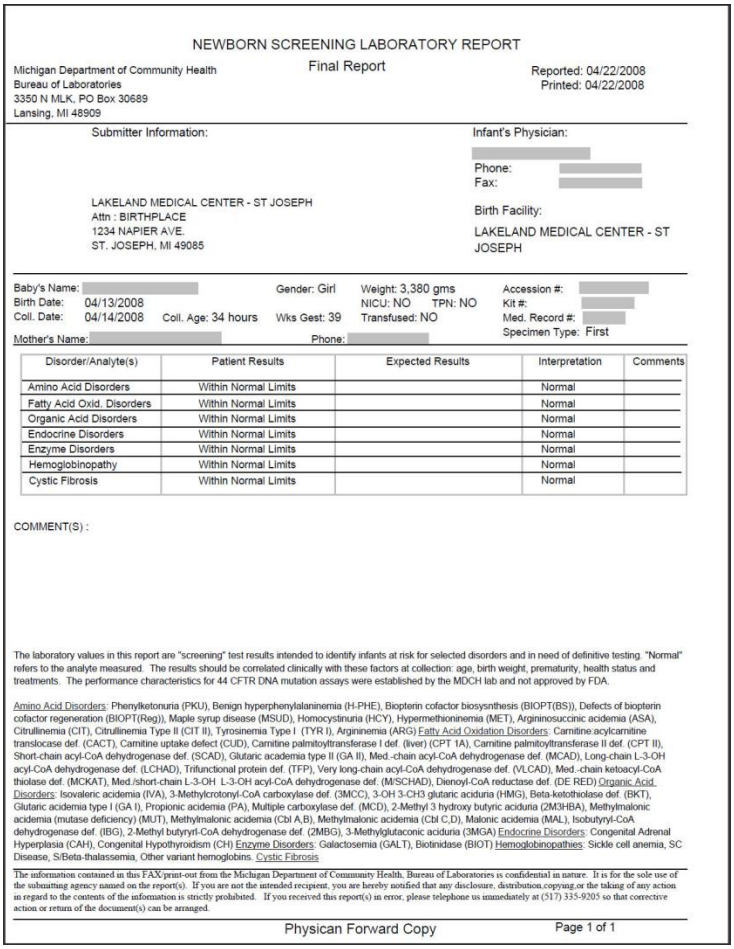


Figure 5: New Born Screening Tab Screen



NEWBORN SCREENING LABORATORY REPORT

Final Report

Michigan Department of Community Health
Bureau of Laboratories
3350 N MLK, PO Box 30689
Lansing, MI 48909

Reported: 04/22/2008
Printed: 04/22/2008

Submitter Information:

LAKELAND MEDICAL CENTER - ST JOSEPH
Attn : BIRTHPLACE
1234 NAPIER AVE.
ST. JOSEPH, MI 49085

Infant's Physician:

Phone:
Fax:

Birth Facility:

LAKELAND MEDICAL CENTER - ST JOSEPH

Baby's Name:
Birth Date: 04/13/2008
Coll. Date: 04/14/2008 Coll. Age: 34 hours
Gender: Girl
Wks Gest: 39
Weight: 3,380 gms
NICU: NO TPN: NO
Transfused: NO
Accession #:
Kit #:
Med. Record #:
Specimen Type: First

Mother's Name: Phone:

Disorder/Analyte(s)	Patient Results	Expected Results	Interpretation	Comments
Amino Acid Disorders	Within Normal Limits		Normal	
Fatty Acid Oxid. Disorders	Within Normal Limits		Normal	
Organic Acid Disorders	Within Normal Limits		Normal	
Endocrine Disorders	Within Normal Limits		Normal	
Enzyme Disorders	Within Normal Limits		Normal	
Hemoglobinopathy	Within Normal Limits		Normal	
Cystic Fibrosis	Within Normal Limits		Normal	

COMMENT(S) :

The laboratory values in this report are "screening" test results intended to identify infants at risk for selected disorders and in need of definitive testing. "Normal" refers to the analyte measured. The results should be correlated clinically with these factors at collection: age, birth weight, prematurity, health status and treatments. The performance characteristics for 44 CFTR DNA mutation assays were established by the MDCH lab and not approved by FDA.

Amino Acid Disorders: Phenylketonuria (PKU), Benign hyperphenylalaninemia (H-PHE), Biopterin cofactor biosysnthesis (BIOPT(BS)), Defects of biopterin cofactor regeneration (BIOPT(Reg)), Maple syrup disease (MSUD), Homocystinuria (HCY), Hypermethioninemia (MET), Argininosuccinic acidemia (ASA), Citrullinemia (CIT), Citrullinemia Type II (CIT II), Tyrosinemia Type I (TYR I), Argininemia (ARG) Fatty Acid Oxidation Disorders: Carnitine:acylcarnitine translocase def. (CACT), Carnitine uptake defect (CUD), Carnitine palmitoyltransferase I def. (liver) (CPT 1A), Carnitine palmitoyltransferase II def. (CPT II), Short-chain acyl-CoA dehydrogenase def. (SCAD), Glutaric academia type II (GA II), Med.-chain acyl-CoA dehydrogenase def. (MCAD), Long-chain L-3-OH acyl-CoA dehydrogenase def. (LCHAD), Trifunctional protein def. (TFP), Very long-chain acyl-CoA dehydrogenase def. (VLCAD), Med.-chain ketoacyl-CoA thiolase def. (MCKAT), Med./short-chain L-3-OH L-3-OH acyl-CoA dehydrogenase def. (M/SCHAD), Dienoyl-CoA reductase def. (DE RED) Organic Acid Disorders: Isovaleric acidemia (IVA), 3-Methylcrotonyl-CoA carboxylase def. (3MCC), 3-OH 3-CH3 glutaric aciduria (HMG), Beta-ketothiolase def. (BKT), Glutaric acidemia type I (GA I), Propionic acidemia (PA), Multiple carboxylase def. (MCD), 2-Methyl 3 hydroxy butyric aciduria (2M3HBA), Methylmalonic acidemia (mutase deficiency) (MUT), Methylmalonic acidemia (Cbl A,B), Methylmalonic acidemia (Cbl C,D), Malonic acidemia (MAL), Isobutyryl-CoA dehydrogenase def. (IBG), 2-Methyl butyryl-CoA dehydrogenase def. (2MBG), 3-Methylglutaconic aciduria (3MGA) Endocrine Disorders: Congenital Adrenal Hyperplasia (CAH), Congenital Hypothyroidism (CH) Enzyme Disorders: Galactosemia (GALT), Biotinidase (BIOT) Hemoglobinopathies: Sickle cell anemia, SC Disease, S/Beta-thalassemia, Other variant hemoglobins. Cystic Fibrosis

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Figure 6: New Born Screening Mailer