

WV OFFICE OF  
**Maternal, Child  
& Family Health**

West Virginia Department of Health and Human Resources

**West Virginia Newborn Screening Disorders**

<b>DISORDERS</b>	<b>DATE SCREENING BEGAN</b>
<b><i>Amino Acid Metabolic Disorders</i></b>	
* PKU – Phenylketonuria	1965
MSUD - Maple Syrup Urine Disease	February 2, 2009
HCY - Homocystinuria	February 2, 2009
CIT - Citrullinemia	February 2, 2009
ASA -Argininosuccinic Acidemia	February 2, 2009
TYRI - Tyrosinemia	February 2, 2009
<b><i>Organic Acid Metabolism Disorders</i></b>	
IVA - Isovaleric Acidemia	February 2, 2009
GAI – Glutaric Acidemia	February 2, 2009
HMG 3 - Hydroxy 3 Methylglutaric-CoA Lyase	February 2, 2009
MCD - Multiple Carboxylase Deficiency	February 2, 2009
MUT - Methylmalonic acidemia due to Mutase deficiency	February 2, 2009
Cbl A,B – Methylmalonic acidemia cbl a and cbl b forms	February 2, 2009
3MCC - 3 Methylcrotonyl - COA Carboxylase deficiency	February 2, 2009
PROP - Propionic acidemia	February 2, 2009
BKT - Beta - Ketothiolase deficiency	February 2, 2009
<b><i>Fatty Acid Oxidation Disorders</i></b>	
MCAD - Medium - Chain acyl - CoA dehydrogenase deficiency	February 2, 2009
VLCAD - Very Long Chain acyl - CoA dehydrogenase deficiency	February 2, 2009
LCHAD - Long - Chain 3-OH acyl - CoA dehydrogenase deficiency	February 2, 2009
TFP - Trifunctional protein deficiency	February 2, 2009
CUD - Carnitine uptake deficiency	February 2, 2009
<b><i>Hemoglobinopathies</i></b>	
Hemoglobin - Sickle Cell Anemia	July 1, 2004
Hemoglobin - Hb - Thalassemia	July 1, 2004
Hemoglobin - Hb disease (C, D, E)	July 1, 2004
<b><i>Others</i></b>	
CH - Congenital hypothyroidism	1965
<b>BIOT - Biotinidase deficiency</b>	July 1, 2007
<b>CAH - Congenital adrenal hyperplasia</b>	November, 2007
GALT - Galactosemia	1965
HEAR - Hearing loss	2000
CF - Cystic Fibrosis	March 3, 2008
CCHD- Critical Congenital Heart Disease	September 1, 2012
SCID-Severe Combined Immunodeficiency Disease	March 1, 2014
SMA-Spinal Muscular Atrophy	November, 2019
XALD-Adrenoleukodystrophy	April, 2020
SUAC-Tyrosinemia Type 1	April, 2020