



National Newborn Screening Status Report

Updated 12/14/11

The U.S. National Screening Status Report lists the status of newborn screening in the United States.

Dot "●" indicates that screening for the condition is universally required by Law or Rule and fully implemented

A = universally offered but not yet required, **B** = offered to select populations, or by request, **C** = testing required but not yet implemented

D = likely to be detected (and reported) as a by-product of MRM screening (MS/MS) targeted by Law or Rule

STATE	Core ¹ Conditions											Additional Conditions Included in Screening Panel (universally required unless otherwise indicated)
	Hearing	Endocrine		Hemoglobin			Other					
	HEAR	CH	CAH	S/S	S/A	S/C	BIO	GALT	CF	CCHD	SCID	
Alabama	●	●	●	●	●	●	●	●	●			
Alaska	●	●	●	●	●	●	●	●	●			
Arizona	A	●	●	●	●	●	●	●	●			B
Arkansas	●	●	●	●	●	●	●	●	●			
California	B	●	●	●	●	●	●	●	●			A
Colorado	A	●	●	●	●	●	●	●	●			
Connecticut	●	●	●	●	●	●	●	●	●			C
D.C.	●	●	●	●	●	●	●	●	●			
Delaware	●	●	●	●	●	●	●	●	●			C
Florida	●	●	●	●	●	●	●	●	●			
Georgia	A	●	●	●	●	●	●	●	●			
Hawaii	●	●	●	●	●	●	●	●	●			
Idaho	A	●	●	●	●	●	●	●	●			
Illinois	●	●	●	●	●	●	●	●	●			C
Indiana	●	●	●	●	●	●	●	●	●			
Iowa	●	●	●	●	●	●	●	●	●			
Kansas	●	●	●	●	●	●	●	●	●			
Kentucky	B	●	●	●	●	●	●	●	●			
Louisiana	●	●	●	●	●	●	●	●	●			
Maine	A	●	●	●	●	●	●	●	●			
Maryland	●	●	●	●	●	●	●	●	●			
Massachusetts	●	●	●	●	●	●	●	●	●			A
Michigan	●	●	●	●	●	●	●	●	●			●
Minnesota	●	●	●	●	●	●	●	●	●			C
Mississippi	●	●	●	●	●	●	●	●	●			C
Missouri	●	●	●	●	●	●	●	●	●			
Montana	●	●	●	●	●	●	●	●	●			
Nebraska	A	●	●	●	●	●	●	●	●			
Nevada	B	●	●	●	●	●	●	●	●			
New Hampshire	A	●	●	●	●	●	●	●	●			
New Jersey	●	●	●	●	●	●	●	●	●	●		
New Mexico	●	●	●	●	●	●	●	●	●			
New York	●	●	●	●	●	●	●	●	●			●
North Carolina	●	●	●	●	●	●	●	●	●			
North Dakota	A	●	●	●	●	●	●	●	●			
Ohio	●	●	●	●	●	●	●	●	●			
Oklahoma	●	●	●	●	●	●	●	●	●			
Oregon	B	●	●	●	●	●	●	●	●			
Pennsylvania	●	●	●	●	●	●	●	●	●			B
Rhode Island	●	●	●	●	●	●	●	●	●			C
South Carolina	●	●	●	●	●	●	●	●	●			
South Dakota	A	●	●	●	●	●	●	●	●			
Tennessee	●	●	●	●	●	●	●	●	●			
Texas	B	●	●	●	●	●	●	●	●			B
Utah	●	●	●	●	●	●	●	●	●			
Vermont	●	●	●	●	●	●	●	●	●			
Virginia	●	●	●	●	●	●	●	●	●			
Washington	A	●	●	●	●	●	●	●	●			
West Virginia	●	●	●	●	●	●	●	●	●			
Wisconsin	●	●	●	●	●	●	●	●	●			●
Wyoming	●	●	●	●	●	●	●	●	●			

¹Terminology consistent with ACMG report - Newborn Screening: Towards a Uniform Screening Panel and System. Genet Med. 2006; 8(5) Suppl: S12-S252

²Newborn screened for HIV only if mother was not screened during pregnancy

Additional Conditions/Abbreviations and Names

BIO	Biotinidase	CF	Cystic fibrosis	GALT	Transferase deficient galactosemia (Classical)	HB S/C	Sickle – C disease	HEAR	Hearing screening
CAH	Congenital adrenal hyperplasia	CH	Congenital hypothyroidism	HB S/S	Sickle cell anemia	HB S/A	S-beta thalassemia	SCID	Severe Combined Immunodeficiency

Other Disorders

5-OXO	5-oxoprolinuria (pyroglutamic aciduria)	G6PD	Glucose 6 phosphate dehydrogenase	NKH	Nonketotic hyperglycinemia
CPS	Carbamoylphosphate synthetase	HHH	Hyperammonemia/ornithinemia/ citrullinemia (Ornithine transporter defect)	PRO	Prolinemia
EMA	Ethylmalonic encephalopathy	HIV	Human immunodeficiency virus	TOXO	Toxoplasmosis

hat screening for the condition is universally required by Law or Rule and fully implemented
A = universally offered but not yet required, **B** = offered to select populations, or by request, **C** = testing required but not yet implemented
D = likely to be detected (and reported) as a by-product of MRM screening (MS/MS) targeted by Law or Rule

STATE	Core ¹ Conditions - Metabolic																			
	Fatty Acid Disorders					Organic Acid Disorders								Amino Acid Disorders						
	CUD	LCHAD	MCAD	TFP	VLCAD	GA-I	HMG	IVA	3-MCC	Cbl-A,B	BKT	MUT	PROP	MCD	ASA	CIT	HCY	MSUD	PKU	TYR-I
Alabama	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Alaska	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Arizona	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Arkansas	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
California	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Colorado	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Connecticut	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
D. of Columbia	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Delaware	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Florida	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Georgia	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hawaii	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Idaho	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Illinois	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Indiana	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Iowa	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Kansas	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Kentucky	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Louisiana	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Maine	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Maryland	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Massachusetts	●	●	●	D	●	●	●	●	D	●	●	●	●	D	●	●	●	●	●	●
Michigan	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Minnesota	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Mississippi	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Missouri	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Montana	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nebraska	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nevada	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
New Hampshire	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
New Jersey	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
New Mexico	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
New York	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
North Carolina	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
North Dakota	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Ohio	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Oklahoma	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Oregon	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Pennsylvania	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Rhode Island	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
South Carolina	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
South Dakota	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tennessee	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Texas	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Utah	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Vermont	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Virginia	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Washington	●	●	●	●	●	●	●	●	D	●	●	●	●	●	●	●	●	●	●	●
West Virginia	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Wisconsin	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Wyoming	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

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Deficiency/Disorder Abbreviations and Names (optional nomenclature)

3-MCC	3-Methylcrotonyl-CoA carboxylase	CUD	Carnitine uptake defect (Carnitine transport defect)	LCHAD	Long-chain L-3- hydroxyacyl-CoA dehydrogenase	PKU	Phenylketonuria/hyperphenylalaninemia
ASA	Argininosuccinate aciduria	GA-I	Glutaric acidemia type 1	MCAD	Medium-chain acyl-CoA dehydrogenase	PROP	Propionic acidemia (Propionyl-CoA carboxylase)
BKT	Beta ketothiolase (mitochondrial acetoacetyl-CoA thiolase ; short-chain ketoacyl thiolase; T2)	HCY	Homocystinuria (cystathionine beta synthase)	MCD	Multiple carboxylase (Holocarboxylase synthetase)	TFP	Trifunctional protein deficiency
CBL A,B	Methylmalonic acidemia (Vitamin B12 Disorders)	HMG	3-Hydroxy 3 - methylglutaric aciduria (3-Hydroxy 3- methylglutaryl-CoA lyase)	MSUD	Maple syrup urine disease (branched-chain ketoacid dehydrogenase)	TYR-I	Tyrosinemia Type 1
CIT I	Citrullinemia type I (Argininosuccinate synthetase)	IVA	Isovaleric acidemia (Isovaleryl-CoA dehydrogenase)	MUT	Methylmalonic Acidemia (methylmalonyl-CoA mutase)	VLCAD	Very long-chain acyl-CoA dehydrogenase

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STATE	Secondary Target ¹ Conditions																								
	Fatty Acid Disorders							Organic Acid Disorders						Amino Acid Disorders							Other Metabolic		Hgb		
	CACT	CPT-Ia	CPT-II	DE-RED.	GA-II	MCKAT	M/SCHAD	SC AD	2M3HBA	2MBG	3MGA	Cbl-C,D	IBG	MAL	ARG	BIOPT-BS	BIOPT-REG	CIT-II	H-PHE	MET	TYR-II	TYR-III	GALE	GALK	Variant Hgb's
Alabama	●		●		●			●	●	●	●				●	●	●	●	●	●	●			●	
Alaska	●	●	●		●		●	●	●	●	●	●	●	●	●	B	B	●	●	●	●	D	B	B	●
Arizona	D	D	D		D			D		D	D						D	D			D	D			D
Arkansas																									●
California	●	●	●		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Colorado	●	●	●		●		●			●	●			●			●	●	●	●	●				●
Connecticut	●	●	●	●	●		A	●	A	A	●	A	●	●	A	A	●	●	●	●	●	●	●	●	●
D. of Columbia	●	●	●	●	●	●	●	●	●	●	●	●	●	●	A	A	●	●	●	●	●	●	●	●	●
Delaware	●	●	●		●	D		D	●	D	●	●		●	D	D	●	●	●	●	●	●	●	●	●
Florida	●	●	●		●		●																		●
Georgia	D	D	D		D	D	D	D	D	D	D	D	D	A			D	D	D	D	D	D	B	B	●
Hawaii	●	●	●		●			●	●	●	●	●	●	●	●	B	B	●	●	●	●		B	B	●
Idaho	●	●	●		●			●	●	●	●	●	●	●		B	B	●	●	●	●		B	B	●
Illinois	●	D	●	D	●	D	●	D	●	●	●	●	●	●	D	D	D	●	●	●	●				●
Indiana	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Iowa	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Kansas																									●
Kentucky	A	A	A		A		●	A	A	A	A	A	A	A	D	D	A	●	A	A	A				●
Louisiana																									●
Maine	D	D	●		●		●		D	D	●	D		●			●	●	D	●	D	●	●	●	●
Maryland	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	B	B	●	●	●	●	●	●	●	●
Massachusetts	D	D	A	A	D	D	A	D	D	D	●	D	A	●	D	D	A	D	D	D	D	D	D	D	D
Michigan	●	●	●	●	●	●	●	●	●	●	●	●	D	●	●	●	●	●	●	●	●	●	●	●	●
Minnesota	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Mississippi	●	●	●	A	●	A	●	●	A	●	●	●	●	●	A	A	●	●	●	●	●	A	●	●	●
Missouri	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Montana	D		D	D	D	D	D	D	D	D	D	D			D	D	D	●	D	D	D				●
Nebraska	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	●	D	D	D	●	●	●	●
Nevada	●	●	●		●		●	●	●	●	●	●	●	●	●	B	B	●	●	●	●		B	B	A
New Hampshire	D	D			●		●		D	D	D				D	D	D	●	D						●
New Jersey	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
New Mexico	A	D	A		A		A	D	D	A	A	D	D	D	B	B	A	A	A	A	D	B	B	●	●
New York	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
North Carolina	●	●	●		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
North Dakota	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Ohio	●	●	●		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Oklahoma	●	●	●		●	D		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Oregon	●	D	●		●		●	D	D	●	●	D	D	D	B	B	●	●	●	●	●	D	B	B	●
Pennsylvania	B	B	B	B	B		B	B	B	B	B	B	B	B	B	B	B	●	B	B	B	●	●	●	●
Rhode Island		D																				●	●	●	●
South Carolina	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
South Dakota	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tennessee	●	●	●	●	●	D		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Texas	D	D	D	C	D	C	C	D	D	D	D	C	C	C	D	D	D	●	D	D	D	●	●	●	●
Utah	●	●	●		●	D		●	●	D	●	●	D	●	●	●	●	●	●	●	●	●	●	●	●
Vermont	D	D	D		D				D	D	●			D			●	●	D	D	D	●	●	●	●
Virginia	D	D	D		D	D		D	D	D	D				D	D	D	●	D	D	D	D	D	D	●
Washington	D		D		D	D		D	D	D	D				D	D	●	D	D						●
West Virginia	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	●	D	D	D	D	●	●	●	●
Wisconsin	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Wyoming	A	A	A	A	A	A	A	A	A	A	A	A	A	A			A	●	A	A	B				●

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Deficiency/Disorder Abbreviations and Names (optional nomenclature)

2M3HBA	2-Methyl-3-hydroxy butyric aciduria	CACT	Carnitine acylcarnitine translocase	GA-II	Glutaric acidemia Type II	MAL	Malonic acidemia (Malonyl-CoA decarboxylase)
2MBG	2-Methylbutyryl-CoA dehydrogenase	CBL-C,D	Methylmalonic acidemia (Cbl C,D)	GALE	Galactose epimerase	MCKAT	Medium-chain ketoacyl-CoA thiolase
3MGA	3-Methylglutaconic aciduria	CIT-II	Citrullinemia type II	GALK	Galactokinase	MET	Hypermethioninemia
ARG	Argininemia (Arginase deficiency)	CPT-Ia	Carnitine palmitoyltransferase I	H-PHE	Benign hyperphenylalaninemia	SCAD	Short-chain acyl-CoA dehydrogenase
BIOPT-BS	Defects of biotin cofactor biosynthesis	CPT-II	Carnitine palmitoyltransferase II	IBG	Isobutyryl-CoA dehydrogenase	TYR-II	Tyrosinemia type II
BIOPT-REG	Defects of biotin cofactor regeneration	De-Red	Dienoyl-CoA reductase	M/SCHAD	Medium/Short chain L-3-hydroxy acyl-CoA dehydrogenase	TYR-III	Tyrosinemia type III