

Division of Laboratory Services

Kentucky Conditions Prevalence Rates on Tested Newborns

Conditions	Prevalence Rate	Incidence Rate	Prevalence (per 100,000)
CH	348/352,279	1/1,012	98.785338
CF	111/352,279	1/3,174	31.509116
Hb S/C Disease (Hb S/C)	59/352,279	1/5,970	16.748089
MCAD	53/352,279	1/6,647	15.044893
PKU	37/352,279	1/9,521	10.503039
Pompe	30/352,279	1/11,743	8.515977
CAH	24/352,279	1/14,678	6.812782
SMA	24/352,279	1/14,678	6.812782
Hb S/Beta-thalassemia (HbS/Th)	20/352,279	1/17,614	5.677318
SCAD	16/352,279	1/22,017	4.541855
Sickle Cell Anemia (Hb S/S)	13/352,279	1/27,098	3.690257
GALT	11/352,279	1/32,025	3.122525
3-MCC	10/352,279	1/35,228	2.838659
SCID	9/352,279	1/39,142	2.554793
Various Hemoglobinopathies (includes Hb E)	8/352,279	1/44,035	2.270927
IVA	7/352,279	1/50,326	1.987061
VLCAD	7/352,279	1/50,326	1.987061
BIOT	6/352,279	1/58,713	1.703195
MPS1	6/352,279	1/58,713	1.703195
MUT (MMA)	6/352,279	1/58,713	1.703195
X-ALD	6/352,279	1/58,713	1.703195
GA-I	5/352,279	1/70,456	1.41933
ASA	4/352,279	1/88,070	1.135464
BKT	4/352,279	1/88,070	1.135464
PROP	4/352,279	1/88,070	1.135464
KRABBE	3/352,279	1/117,426	0.851598
LCHAD	3/352,279	1/117,426	0.851598
OTC	3/352,279	1/117,426	0.851598
CIT	2/352,279	1/176,140	0.567732
CUD	2/352,279	1/176,140	0.567732
ARG	1/352,279	1/352,279	0.283866
CPT-1a	1/352,279	1/352,279	0.283866
HCY	1/352,279	1/352,279	0.283866
MSUD	1/352,279	1/352,279	0.283866
NKHG	1/352,279	1/352,279	0.283866
PHE	1/352,279	1/352,279	0.283866
TYR-I	1/352,279	1/352,279	0.283866
TYR-II	1/352,279	1/352,280	0.283866
Hydroxymethylglutaric Aciduria (HMG)	1/352,279	1/352,279	0.283866

