INCIDENCE OF NEWBORN METABOLIC SCREENING DISORDERS IN HAWAII
(7/97 – 8/05)

Disorder	PKU	CH	CAH	MSUD	GAL	BIO	HB
Incidence U.S.	1/18,000	1/4,000	1/15,000	1/250,000	1/60,000	1/70,000	1/15,000 Gen. Pop
Incidence Hawaii (7/97-8/05)	1/47,910 2 classic 1 hyperphe	1/2,662 54 primary	1/23,955 3 salt-wasters 3 virilized	1/28,746 4 classic 1 interme-diate	1/143,730 0 classic 9 Duarte Variants 1 LADuarte	1/35,933 2 partial 2 profound	1/28,746 3 SC Disease 2 SS Disease
Tripler AMC (7/97-8/05)	1 classic	11 primary	2 salt-wasters	1 classic	0 classic 3 Duarte	0	1 SC Disease 1 SS Disease

Key:
- PKU (phenylketonuria)
- CH (congenital hypothyroidism)
- CAH (congenital adrenal hyperplasia)
- MSUD (maple syrup urine disease)
- GAL (galactosemia)
- BIO (biotinidase deficiency)
- HB (hemoglobinopathies)

INCIDENCE OF TANDEM MASS NEWBORN SCREENING DISORDERS IN HAWAII
(9/03 – 8/05)

Disorder	MCADD	CPT 1	HOLOCARBOXYLASE	3 MCC
Incidence U.S. U.S.	1/15,000	Rare<50 patients	1/87,000	1/50,000
Incidence Hawaii (9/03-8/05)	1/36,646	1/12,215	1/36,646	1/36,646

Key:
- MCADD (Medium Chain Acyl-CoA Dehydrogenase Deficiency)
- CPT I (Carnitine Palmitoyl Transferase I)
- HOLOCARBOXYLASE (Holocarboxylase Synthetase Deficiency)
- 3 MCC (3 Methylcrotonyl CoA Carboxylase Deficiency)