**New Jersey Department of Health and Senior Services**
**Division of Family Health Services**
**Newborn Screening and Genetic Services Program**

This Table represents the outcome of Newborn Screening test results for babies born in 2005.

| 2005 Data<br>Newborn Screening Disorders | | # of Babies with Confirmed Classic Disease | # of Babies with Variant Disease or Carrier Status | # of Babies with cleared results |
|---|---|---|---|---|
| Biotinidase Deficiency | BIOT | 1 | 11 | 144 |
| Congenital Adrenal Hyperplasia | CAH | 7 | 3 | 909 |
| Congenital Hypothyroidism | CH | 62 | 28 | 1672 |
| Cystic Fibrosis | CF | 14 | 44 | 211 |
| Galactosemia | GALT | 1 | 49 | 31 |
| Maple Syrup Urine Disease | MSUD | 3 | 0 | 2 |
| Phenylketonuria | PKU | 6 | 10 | 9 |
| Sickle Cell Anemia and Other Hemoglobinopathies | S/S, S/C, Var Hb | 53 | 43 | 4 |
| Hemoglobin Traits | | | 2778 | |
| ***Amino Acid Disorders*** | | | | 30 |
| Homocystinuria | HCY | 1 | 0 | |
| Hypermethioninemia | MET | 1 | 0 | |
| Tyrosinemia | TYR | 0 | 0 | |
| ***Fatty Acid Disorders*** | | | | 17 |
| Carnitine Uptake Defect | CUD | 0 | 0 | |
| Short Chain Acyl-CoA Dehydrogenase Deficiency | SCAD | 4 | 0 | |
| Glutaric Aciduria, Type II | GA-II | 0 | 0 | |
| Medium Chain Acyl-CoA Dehydrogenase Deficiency | MCAD | 5 | 0 | |
| Long/Very Long Chain Acyl-CoA Dehydrogenase Deficiency | LCAD/ VLCAD | 0 | 0 | |
| Long Chain 3-Hydroxyacyl-CoA Dehydrogenase Deficiency | LCHAD | 1 | 0 | |
| Trifunctional Protein Deficiency | TFP | 0 | 0 | |
| Carnitine Palmitoyltransferase Deficiency, Type II | CPT-II | 0 | 0 | |
| Carnitine/Acylcarnitine Translocase Deficiency | CACT | 0 | 0 | |
| Carnitine Palmitoyltransferase Deficiency, Type IA | CPT-1A | 0 | 0 | |
| Medium/Short Chain 3-OH Acyl-CoA Dehydrogenase Deficiency | M/SCHAD | 0 | 0 | |
| Medium Chain Ketoacyl-CoA Thiolase Deficiency | MCKAT | 0 | 0 | |
| Dienoyl-CoA Reductase Deficiency | DERED | 0 | 0 | |
| ***Organic Acid Disorders*** | | | | 21 |
| Propionyl-CoA Carboxylase Deficiency | PROP | 1 | 0 | |
| Methylmalonic Acidemia [Mutase or Cobalamin Defects] | MUT/CBL | 1 | 0 | |
| Isobutyryl-CoA Dehydrogenase Deficiency | IBD | 0 | 0 | |
| Isovaleryl-CoADehydrogenase Deficiency | IVA | 3 | 0 | |
| 2-Methylbutyryl-CoA Dehydrogenase Deficiency | 2MBG | 0 | 0 | |
| 3-Hydroxy-3-Methylglutaryl-CoA Lyase Deficiency | HMG | 0 | 0 | |
| 3-Methylcrotonyl-CoA Carboxylase Deficiency | 3MCC | 2 | 0 | |
| Multiple Carboxylase Deficiency | MCD | 0 | 0 | |
| 3-Methylglutaconyl CoA Hydrastase Deficiency | 3MGA | 0 | 0 | |
| Glutaric Aciduria, Type I | GA-1 | 2 | 0 | |
| Mitochondiral Acetoacyl CoA Thiolase Deficiency | BKT | 0 | 0 | |
| 2-Methyl-3-Hydroxybutyric Acidemia | 2M3HBA | 0 | 0 | |
| Malonyl-CoA Decarboxylase Deficiency | MAL | 0 | 0 | |
| ***Urea Cycle Disorders*** | | | | 4 |
| Citrullinemia I + II | CIT | 1 | 1 | |
| Argininosuccinate Lyase Deficiency | ASA | 0 | 0 | |
| Argininemia | ARG | 0 | 0 | |
| **TOTALS** | | **170** | **192** | **3054** |