Genetics and Newborn Screening Advisory Council Statistics

*Live Birth Data is provisional	2021	2022*	2023	2024	2025	2026	2027	2028	2029	2030
LIVE BIRTHS	**216,536**	**224,487**								
Number of newborns screened	215,758	223,445								
Percentage screened	99.64%	99.54%								
SW Unsatisfactory Specimen Rate	1.77%	1.45%								
Hospital Unsat Rate	1.52%	1.20%								
SW Transit time (%>3days)	21.69%	19.53%								
Hospital Transit (%>3days)	20.11%	17.87%								
# of specimens submitted	265,443	270,554								
PRESUMPTIVE POSITIVES and BORDERLINE REFERRALS:										
Congenital Hypothyroidism	167	165								
TSH Borderline	3,782	4,388								
Congenital Adrenal Hyperplasia	15	20								
CAH >24 hrs >2500g	95	120								
CAH <24 hrs >2500g - Early	169	203								
CAH <2500g Age-N/A - Low wt	30	55								
Galactosemia	72	73								
GALT Borderline	52	54								
Sickle Cell Disease	271	285								
MS/MS	483	517								
MS/MS Borderline	2,316	2,319								
Biotinidase Deficiency	14	12								
Bio Borderline	23	19								
SCID	95	73								
SCID Borderline	38	161								
Cystic Fbrosis - 2 Variants	54	258								
Cystic Fibrosis - 1 Mutation	758	887								
Ultra-Hi IRT/No Variants in NICU	745	804								
Partial Unsatisfactory	205	160								
X-ALD	33	49								
MPS I	3	5								
Pompe	24	26								
SMA	15	11								
Presumptive Pos	2,004	2,381								
Borderline	7,455	8,283								
TOTAL	**9,459**	**10,664**								
Hearing Refers	8,535	8,891								
Pulse Oximetry/CCHD Fails	233	265								

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LIVE BIRTHS	**216,536**	**224,487**								
CONFIRMED POSITIVES:										
Congenital Hypothyroidism	76	90								
CH diagnosed thru BDL	8	11								
Congenital Adrenal Hyperplasia	10	9								
Galactosemia (G/G)	6	0								
Variant	32	27								
Sickle Cell Hb S/S	105	102								
Sickle Cell Hb S/C	65	55								
Sickle Cell Hb S/A	12	9								
MS/MS (including PKU)	36	28								
MS/MS secondary disorders	11	13								
Biotinidase Deficiency	3	0								
Partial	4	5								
Cystic Fibrosis 2 Variants	29	19								
Cystic Fibrosis 1 Variant	7	1								
Cystic Fibrosis High IRT; 0 Variants	0	0								
CFTR Metabolic Syndrome	13	43								
SCID & x-linked	5	2								
X-ALD	22	25								
Pompe	7	11								
MPS 1	1	4								
SMA	15	11								
TOTAL	**489**	**485**								
Hearing loss ID'd thru NBS	**299**	**202**								
CCHD - cardiac	7	7								
CCHD - secondary cardiac	36	20								
CCHD - non-cardiac/other	119	57								
CCHD - no disease found	54	49								
TOTAL	**43**	**27**								
Physician Requests (CMS)	1,024	1,250								
FNSR Registered Users	5,055	6,427								