

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	224,611	221,742	224,523						
Number of newborns screened	215,758	223,445	220,769	223,319						
Percentage screened	99.64%	99.48%	99.56%	99.46%						
SW Unsatisfactory Specimen Rate	1.77%	1.45%	1.29%	1.12%						
Hospital Unsat Rate	1.52%	1.20%	1.07%	0.86%						
SW Transit time (%>3days)	21.69%	19.53%	14.79%	13.61%						
Hospital Transit (%>3days)	20.11%	17.87%	13.35%	12.31%						
# of specimens submitted	265,443	270,554	266,910	269,924						
PRESUMPTIVE POSITIVES and BORDERLINE REFERRALS										
Congenital Hypothyroidism	167	163	204	193						
TSH Borderline	3,782	4,387	3,281	3,443						
Congenital Adrenal Hyperplasia	15	20	28	26						
CAH >24 hrs >2500g	95	120	114	144						
CAH <24 hrs >2500g - Early	169	203	190	256						
CAH <2500g Age-N/A - Low wt	30	55	31	56						
Galactosemia	72	74	52	47						
GALT Borderline	52	54	28	39						
Sickle Cell Disease	271	285	252	233						
MS/MS	483	552	431	421						
MS/MS Borderline	2,316	2,347	2,482	2,339						
Biotinidase Deficiency	14	13	12	23						
Bio Borderline	23	17	14	36						
SCID	95	74	53	8						
SCID Borderline	38	161	178	152						
Cystic Fibrosis	812	1,145	1,146	1,294						
Ultra-Hi IRT/No Variants in NICU	745	804	549	745						
Partial Unsatisfactory	205	163	200	244						
GAMT	GAMT screening began 1/21/25									
GAMT Borderline	GAMT screening began 1/21/25									
X-ALD	33	52	47	85						
MPS I	3	5	4	7						
MPS II	MPS II screening began 7/1/24			4						
Pompe	24	28	30	30						
SMA	15	11	12	16						
Presumptive Positives	2,004	2,422	2,271	2,387						
Borderline	7,455	8,311	7,067	7,454						
TOTAL	9,459	10,733	9,338	9,841						
Hearing Refers	8,535	9,259	8,761	8,479						
Pulse Oximetry/CCHD Fails	233	272	295	313						

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LIVE BIRTHS	216,536	224,611	221,742	224,523						
CONFIRMED POSITIVES										
Congenital Hypothyroidism	76	96	97	94						
CH diagnosed thru BDL	8	15	21	15						
Congenital Adrenal Hyperplasia	10	10	11	6						
Classic Galactosemia	6	0	3	3						
Variant	30	31	16	10						
Sickle Cell Hb S/S	114	145	112	75						
Sickle Cell Hb S/C	71	73	60	34						
Sickle Cell Hb S/A	13	9	8	5						
MS/MS	36	34	29	31						
MS/MS secondary conditions	11	17	19	12						
Biotinidase Deficiency	3	0	7	7						
Partial	4	5	3	7						
Cystic Fibrosis 2 Variants	29	29	23	28						
Cystic Fibrosis 1 Variant	7	0	0	0						
Cystic Fibrosis High IRT; 0 Variants	0	0	0	0						
CRMS	14	52	80	96						
SCID	5	2	4	2						
X-ALD	19	27	26	27						
Pompe	7	13	10	11						
MPS I	1	4	2	3						
MPS II	MPS II screening began 7/1/24			2						
SMA	15	11	11	14						
TOTAL	501	593	560	482						
Hearing loss ID'd thru NBS	299	307	321	256						
CMV Positives	CMV screening began 1/1/23		126	134						
CCHD - cardiac	7	22	21	11						
CCHD - secondary cardiac	36	49	44	50						
CCHD - non-cardiac/other	119	105	109	93						
CCHD - no disease found	54	82	5	57						
TOTAL	43	71	65	61						
Physician Requests (CMS)	1,024	1,250	1,174	1,591						
FNSR Registered Users	5,055	6,427	7,677	9,042						