Saving lives with a simple blood spot

Washington State Newborn Screening Program
2018 Screening and Disorder Summary

2018 Screening Statistics					
Washington State Numbers	**1st Qtr**	**2nd Qtr**	**3rd Qtr**	**4th Qtr**	**Total**
Hospital, Birth Center & Home Births	21,851	22,752	22,825	20,838	**86,266**
Specimens Tested (most infants have two screens)	40,599	41,986	43,980	40,947	**167,512**

2018 Disorder Statistics					
Disorders Diagnosed	**Number of Infants**				
	1st Qtr	**2nd Qtr**	**3rd Qtr**	**4th Qtr**	**Total**
Amino Acid disorders	5	1	3	3	**12[a]**
Biotinidase Deficiency	0	0	2	1	**3**
Congenital Adrenal Hyperplasia	0	2	0	1	**3**
Congenital Hypothyroidism	20	17	16	15	**68**
Cystic Fibrosis	3	5	5	4	**17**
Fatty Acid Oxidation disorders	4	3	6	1	**14[b]**
Galactosemia	0	0	0	1	**1**
Organic Acid disorders	0	1	1	0	**2[c]**
Severe Combined Immunodeficiency	0	2	0	0	**2[d]**
Sickle Cell Disease and Other Clinically Significant Hemoglobinopathies	1	4	3	7	**15**
X-linked adrenoleukodystrophy	1	5	1	1	**8[e]**
All Dried Blood Tests Combined	**34**	**40**	**37**	**34**	**145**
Early Hearing Loss	**26**	**57**	**29**	**36**	**148**
All Disorders Combined	**60**	**97**	**66**	**70**	**293**

[a] Eleven infants with phenylketonuria (PKU) and one infant with tyrosinemia-I (TYR-I).
[b] Twelve infants with medium-chain acyl-CoA dehydrogenase (MCAD) deficiency, one infant with very long-chain acyl-CoA dehydrogenase (VLCAD) deficiency and one infant with long-chain L-3-hydroxy acyl-CoA dehydrogenase (LCHAD) deficiency. Excludes one infant with glutaric aciduria-II, a condition not on our screening panel.
[c] Two infants with methylmalonic acidemia (MMA).
[d] Excludes four infants with secondary T-cell lymphopenia, two infants with DiGeorge, two infants with trisomy-21, one infant with Omenn Syndrome, three infants with ideopathic T-cell lympohopenia, and one infant with CHARGE syndrome – conditions not on our screening panel.
[e] Excludes four infants with Zellweger syndrome – a condition not on our screening panel.

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