

Table S3. Medical Diagnoses of Children with Medical Complexity

	Total Number (Frequency)	Percent
Other disorders of psychological development	87	11.07
Other generalized epilepsy, not intractable, w/o status epilepticus	79	10.05
Sleep disorder, unspecified	40	5.09
Gastro-esophageal reflux disease without esophagitis	38	4.83
Cerebral palsy, unspecified	35	4.45
Autistic disorder	33	4.20
Constipation, unspecified	21	2.67
Chronic respiratory failure, unspecified with hypoxia or hypercapnia	20	2.54
Attention-deficit hyperactivity disorder, unspecified type	19	2.42
Unspecified intellectual disabilities	17	2.16
Spastic diplegic cerebral palsy	16	2.04
Chronic obstructive pulmonary disease, unspecified	15	1.91
Cortical blindness, unspecified side of brain	15	1.91
Obstructive sleep apnea	13	1.65
Chromosomal abnormality, unspecified	12	1.53
Extreme immaturity (gestational age 24 completed weeks)	12	1.53
Primary pulmonary hypertension	10	1.27
Hypoxic ischemic encephalopathy, unspecified	9	1.15
Anxiety disorder, unspecified	8	1.02
Blindness and low vision	8	1.02
Dysphagia	8	1.02
Asthma	7	0.89
Lennox-Gastaut syndrome	7	0.89
Obstructive hydrocephalus	7	0.89
Other disorders of lung	7	0.89
Unspecified adrenocortical insufficiency	7	0.89
Unspecified mood [affective] disorder	7	0.89
Chronic pain syndrome	6	0.76
Hypothyroidism, unspecified	6	0.76
Diffuse traumatic brain injury with loss of consciousness of unspecified duration	5	0.64
Dystonia, unspecified	5	0.64
Ehlers-Danlos syndrome	5	0.64
Major depressive disorder, recurrent	5	0.64
Microcephaly	5	0.64
Other reduction deformities of brain	5	0.64
Quadriplegia, unspecified	5	0.64
Unspecified behavioral/emotional disorder with onset usually occurring in childhood and adolescence	5	0.64
Disorder of the autonomic nervous system, unspecified	4	0.51
Hypertensive heart disease	4	0.51
Other sleep related movement disorders	4	0.51

Table S3. Medical Diagnoses of Children with Medical Complexity (cont.)

	Total Number (Frequency)	Percent
Stereotyped movement disorders	4	0.51
Congenital hypotonia	3	0.38
Congenital malformations of corpus callosum	3	0.38
Disease of digestive system, unspecified	3	0.38
Familial dysautonomia	3	0.38
Headache	3	0.38
Heart transplant status	3	0.38
Hemiplegia and hemiparesis	3	0.38
Hypopituitarism	3	0.38
Hypoplastic left heart syndrome	3	0.38
Neurofibromatosis, Type 1	3	0.38
Septo-optic dysplasia of brain	3	0.38
Smith-Lemli-Opitz syndrome	3	0.38
Tetralogy of Fallot	3	0.38
Trisomy 21	3	0.38
Cerebral cysts	2	0.25
Chronic kidney disease, unspecified	2	0.25
Congenital malformation syndromes predominantly associated with short stature	2	0.25
Congenital malformation of brain, unspecified	2	0.25
Congenital malformation syndromes predominantly involving limbs	2	0.25
Crohn's disease, unspecified, without complications	2	0.25
Diabetes insipidus	2	0.25
Eosinophilic esophagitis	2	0.25
Folate deficiency anemia, unspecified	2	0.25
Hemiplegia following cerebral infarction affecting left nondominant side	2	0.25
Migraine, unspecified (not intractable, without status migrainosus)	2	0.25
Other disorder of bone density and structure, unspecified site	2	0.25
Other specified disorders of brain	2	0.25
Post-transplant lymphoproliferative disorder (PTLD)	2	0.25
Retinopathy of prematurity, unspecified, unspecified eye	2	0.25
Sleep apnea, unspecified	2	0.25
Type 1 diabetes mellitus without complications	2	0.25
Unspecified juvenile rheumatoid arthritis	2	0.25
Unspecified urinary incontinence	2	0.25
Vesicoureteral-reflux, unspecified	2	0.25
Alpha-1-antitrypsin deficiency	1	0.13
Anoxic brain damage, not elsewhere classified	1	0.13
Arteriovenous malformation of cerebral vessels	1	0.13
Atresia of foramina of Magendie and Luschka	1	0.13
Autoimmune hepatitis	1	0.13
Benign intracranial hypertension	1	0.13

Table S3. Medical Diagnoses of Children with Medical Complexity (cont.)

	Total Number (Frequency)	Percent
Benign neoplasm of heart	1	0.13
Cardiac arrhythmia, unspecified	1	0.13
Cerebral aneurysm, nonruptured	1	0.13
Choanal atresia	1	0.13
Cholangitis	1	0.13
Chondroectodermal dysplasia	1	0.13
Chronic kidney disease (CKD)	1	0.13
Coarctation of aorta	1	0.13
Common arterial trunk	1	0.13
Complex regional pain syndrome I, unspecified	1	0.13
Congenital absence, atresia and stenosis of anus with fistula	1	0.13
Congenital cerebral cysts	1	0.13
Congenital insufficiency of aortic valve	1	0.13
Congenital laryngomalacia	1	0.13
Congenital tracheo-esophageal fistula without atresia	1	0.13
Cyclical vomiting, not intractable	1	0.13
Di George's syndrome	1	0.13
Disorders of gamma aminobutyric acid metabolism	1	0.13
Disorders of pyruvate metabolism and gluconeogenesis	1	0.13
Double inlet ventricle	1	0.13
Encephalitis and encephalomyelitis	1	0.13
Encephalopathy, unspecified	1	0.13
Epileptic spasms	1	0.13
Fetal alcohol syndrome (dysmorphic)	1	0.13
Gaucher disease	1	0.13
Hemolytic-uremic syndrome	1	0.13
Hereditary deficiency of other clotting factors	1	0.13
Hereditary hemorrhagic telangiectasia	1	0.13
Horner's syndrome	1	0.13
Immunodeficiency, unspecified	1	0.13
Iron deficiency anemia, unspecified	1	0.13
Kidney transplant status	1	0.13
Liver transplant status	1	0.13
Macrocephaly	1	0.13
Malignant neoplasm of unspecified part of unspecified adrenal gland	1	0.13
Metabolic disorder, unspecified	1	0.13
Molybdenum deficiency	1	0.13
Moyamoya disease	1	0.13
Myoclonus	1	0.13
Neonatal cerebral ischemia	1	0.13
Neonatal cerebral leukomalacia	1	0.13

Table S3. Medical Diagnoses of Children with Medical Complexity (*cont.*)

	Total Number (Frequency)	Percent
Neuronal ceroid lipofuscinosis	1	0.13
Nontraumatic intracerebral hemorrhage, intraventricular	1	0.13
Obesity, unspecified	1	0.13
Osteochondrodysplasia, unspecified	1	0.13
Osteogenesis imperfecta	1	0.13
Necrotizing enterocolitis	1	0.13
Other disorders resulting from impaired renal tubular function	1	0.13
Other deletions from the autosomes	1	0.13
Other deletions of part of a chromosome	1	0.13
Other glycogen storage disease	1	0.13
Other specified chromosome abnormalities	1	0.13
Other specified congenital malformations	1	0.13
Other specified congenital malformations of eye	1	0.13
Other specified congenital malformations of heart	1	0.13
Other specified disorders of carbohydrate metabolism	1	0.13
Precocious puberty	1	0.13
Primary adrenocortical insufficiency	1	0.13
Primary carnitine deficiency	1	0.13
Primary central sleep apnea	1	0.13
Restless legs syndrome	1	0.13
Scoliosis	1	0.13
Sicca syndrome [Sjogren]	1	0.13
Spina bifida, unspecified	1	0.13
Syncope and collapse	1	0.13
Syringomyelia and syringobulbia	1	0.13
Thrombocytopenia, unspecified	1	0.13
Transient cerebral ischemic attack, unspecified	1	0.13
Trisomy and partial trisomy of autosomes, unspecified	1	0.13
Turner's syndrome, unspecified	1	0.13
Unspecified hydronephrosis	1	0.13
Unspecified nystagmus	1	0.13
Velo-cardio-facial syndrome	1	0.13
Total	786	100.00