

**Table 7.5: Hospital Length of Stay and Charges for Children and Adolescents Age 20 and Under with Neuromuscular Diagnoses,<sup>1</sup> by Sex and Age, United States 2012**

Hospital Discharges	Number of Hospital Discharges (in 000s)								
	Sex		Age in Years						Total
	Male	Female	<1	1 to 5	6 to 10	11 to 13	14 to 17	18 to 20	
Any Neuromuscular Diagnoses [2]	49.1	23.6	4.6	15.7	14.9	10.1	12.8	9.1	67.2
Primary Diagnosis [3]	2.6	1.9	0.8	1.0	0.9	0.6	0.7	0.3	4.5
Discharges/Visits for Any MSK Diagnoses	274.2	223.9	178.0	59.9	53.0	47.4	82.8	75.8	498.2
Proportion Any Neuromuscular to Any MSK Diagnoses	17.9%	10.5%	2.6%	26.2%	28.1%	21.3%	15.5%	12.0%	13.5%
Proportion Primary Neuromuscular to Any MSK Diagnoses	0.9%	0.8%	0.4%	1.7%	1.7%	1.3%	0.8%	0.4%	0.9%
Discharges/Visits for All Diagnosis	3,194.5	3,478.3	4,270.0	550.4	305.8	221.0	503.0	816.0	6,675.2
Proportion Any Neuromuscular to All Diagnoses	1.5%	0.7%	0.1%	2.9%	4.9%	4.6%	2.5%	1.1%	1.0%
Proportion Primary Neuromuscular to All Diagnoses	0.1%	0.1%	0.0%	0.2%	0.3%	0.3%	0.1%	0.0%	0.1%
Hospital Charges	Mean LOS and Charges								
Any Neuromuscular Diagnoses [2]									
Mean Length of Stay	6.7	6.7	14.6	5.9	5.4	6.0	6.9	6.8	6.7
Mean Charges [4] (in 1,000 \$s)	\$ 69.8	\$ 69.1	\$ 138.4	\$ 56.5	\$ 56.0	\$ 70.8	\$ 78.3	\$ 63.7	\$ 69.5
Total Charges (in million \$s)	\$ 3,426.10	\$ 1,630.19	\$ 636.50	\$ 886.34	\$ 834.50	\$ 715.14	\$ 1,001.83	\$ 579.72	\$ 4,667.98
Primary Diagnosis [3]									
Mean Length of Stay	6.9	8.2	14.7	5.7	5.5	5.3	6.1	6.7	7.5
Mean Charges [4] (in 1,000 \$s)	\$ 82.7	\$ 85.8	\$ 135.5	\$ 52.3	\$ 67.5	\$ 81.3	\$ 87.1	\$ 91.2	\$ 84.0
Total Charges (in million \$s)	\$ 214.9	\$ 163.0	\$ 108.4	\$ 52.3	\$ 60.8	\$ 48.8	\$ 61.0	\$ 27.3	\$ 378.0
Any Neuromuscular Diagnoses [2]									
Cerebral palsy	25.3	18.7	0.7	10.9	10.9	7.2	8.6	5.7	44.1
Spina bifida	5.9	6.2	2.8	2.2	2.0	1.4	1.9	1.7	12.1
Muscular dystrophy	3.5	1.7	0.5	0.9	0.8	0.7	1.3	1.0	5.2
Other	3.6	3.6	0.6	1.8	1.4	1.0	1.4	0.9	7.1
Proportion of Total Neuromuscular Diagnoses [5]									
Cerebral palsy	51.5%	79.2%	15.2%	69.4%	73.2%	71.3%	67.2%	62.6%	65.6%
Spina bifida	12.0%	26.3%	60.9%	14.0%	13.4%	13.9%	14.8%	18.7%	18.0%
Muscular dystrophy	7.1%	7.2%	10.9%	5.7%	5.4%	6.9%	10.2%	11.0%	7.7%
Other	7.3%	15.3%	13.0%	11.5%	9.4%	9.9%	10.9%	9.9%	10.6%

[1] Includes cerebral palsy, spina bifida, muscular dystrophy, and other neuromuscular conditions.

[2] The number of possible diagnoses varies by database: KID=25; NEDS=15, NHAMCS\_OP=3; NAMCS=3.

[3] Primary diagnosis defined as the first Dx.

[4] Average charges are based on individual record discharges. The fees included may vary from patient to patient, but generally include hospital room, supplies, medications, laboratory fees, Source: HCUP Kids' Inpatient Database (KID). Healthcare Cost and Utilization Project (HCUP). 2012. Agency for Healthcare Research and Quality, Rockville, MD. [www.hcup-us.ahrq.gov/kidoverview.jsp](http://www.hcup-us.ahrq.gov/kidoverview.jsp)