

Table 1. Demographic and clinical characteristics of hospitalized children that had a brain MRI, stratified by receipt of sedation/anesthesia

		Overall	No Sedation/ Anesthesia	No Sedation/ Anesthesia	Adjusted OR (95% CI)[^]
N		215377	137077 (63.7)	78300 (36.4)	
Age Group	0-2m	25046 (11.6)	21689 (86.6)	3357 (13.4)	Ref
	3-11m	26310 (12.2)	12748 (48.5)	13562 (51.5)	6.9 (5.2,9.2) [*]
	1-4y	46915 (21.8)	16665 (35.5)	30250 (64.5)	11.0 (7.9, 15.2) [*]
	5-9y	39322 (18.3)	21487 (54.6)	17835 (45.4)	4.4 (3.5, 5.6) [*]
	10-14y	44698 (20.8)	35824 (80.1)	8874 (19.9)	1.2 (0.95, 1.5)
	15-17y	33086 (15.4)	28664 (86.6)	4422 (13.4)	0.73 (0.6, 0.9) [*]
Sex	Female	103400 (48)	67877 (65.6)	35523 (34.4)	Ref
	Male	111916 (52)	69164 (61.8)	42752 (38.2)	1.02 (0.99, 1.1)
Mental Health Group	None	155347 (72.1)	101441 (65.3)	53906 (34.7)	Ref
	Other MH	47874 (22.2)	30615 (63.9)	17259 (36.1)	1.43 (1.3, 1.6) [*]
	ASD, DD, Int Dis [%]	12156 (5.6)	5021 (41.3)	7135 (58.7)	4.7 (3.6, 6.0) [*]
Number of Complex Chronic Conditions	0	115909 (53.8)	73173 (63.1)	42736 (36.9)	Ref
	1	64269 (29.8)	40978 (63.8)	23291 (36.2)	0.95 (0.9, 1.1)
	2	24948 (11.6)	16358 (65.6)	8590 (34.4)	0.8 (0.7, 0.9) [*]
	3+	10251 (4.8)	6568 (64.1)	3683 (35.9)	0.7 (0.5, 0.8) [*]
H-RISK (severity)	Mean (Std Dev)	1.74 (2.07)	1.79 (2.13)	1.67 (1.98)	1.0 (1, 1.03)
Payor	Government	112333 (52.2)	69105 (61.5)	43228 (38.5)	1.01 (0.98, 1.1)
	Private	89238 (41.4)	58983 (66.1)	30255 (33.9)	Ref
	Other	13806 (6.4)	8989 (65.1)	4817 (34.9)	0.98 (0.8, 1.2)
Hospital Region	Northeast	34127 (15.8)	24869 (72.9)	9258 (27.1)	Ref
	Midwest	58257 (27)	37717 (64.7)	20540 (35.3)	1.5 (0.7, 3.1)
	South	81811 (38)	47664 (58.3)	34147 (41.7)	2.1 (0.97, 4.4)
	West	41182 (19.1)	26827 (65.1)	14355 (34.9)	1.4 (0.6, 3.1)
Day of Week	Weekday	174466 (81)	110555 (63.4)	63911 (36.6)	1.1 (0.97, 1.2)
	Weekend	40911 (19)	26522 (64.8)	14389 (35.2)	Ref
Received Contrast	No	122968 (57.1)	86975 (70.7)	35993 (29.3)	--
	Yes	92409 (42.9)	50102 (54.2)	42307 (45.8)	--
Limited MRI	No	199902 (92.8)	122593 (61.3)	77309 (38.7)	--
	Yes	15475 (7.2)	14484 (93.6)	991 (6.4)	--

[%]Autism spectrum disorder, developmental delay, or intellectual disability

[^] Multivariable model for likelihood of receiving sedation/anesthesia

^{*} p<.05