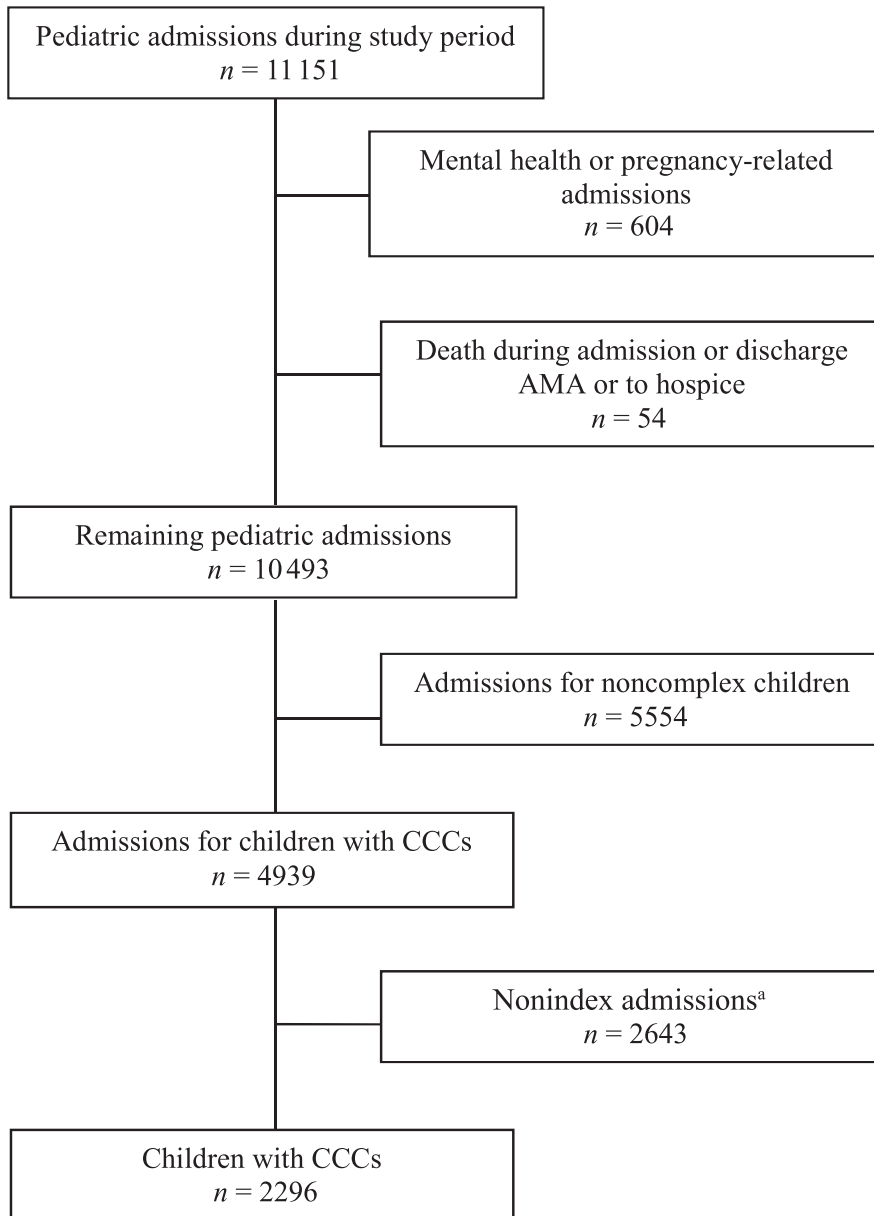


Supplemental Information



SUPPLEMENTAL FIGURE 2 Flow diagram of the study cohort. ^a Index admission defined as the first eligible admission per patient during the study timeframe. AMA, against medical advice.

SUPPLEMENTAL TABLE 5 Thirty-Day Readmission Risk Scores for the Model at Discharge

Risk factor	β -Coefficient	Points ^a
Any admissions in previous 6 mo	.53	2
Any ED visits in previous 6 mo	.71	2
No. CCC categories		
1	Reference	0
2	.44	1
≥ 3	.54	2
Medical admission	.55	2
Discharge disposition from the hospital		
Home, no services	Reference	0
Home with services	.53	2
Other facility	.14	0
LOS in d		
0–1	Reference	0
2–5	.14	0
≥ 6	.37	1
Weekday discharge	.21	1
Readmission risk score	–	Range 0–12

–, not applicable.

^a Points calculated by multiplying β -coefficients by 3 and rounding to the nearest integer; this allowed 1 or more variables to have a point value of 1, generating a more continuous distribution of risk scores and differentiated between levels of the categorical variables. Points added to compute a readmission risk score.

SUPPLEMENTAL TABLE 6 Thirty-Day Readmission Risk Score Distribution for the Model at Discharge

Risk Score	No. Patients (Total = 2267) ^a	Cumulative Percentage of Admissions	Observed Percentage Readmitted	Cumulative Percentage of Observed Readmissions
8+	104	5	29	16
7	113	10	19	27
6	148	16	10	35
5	268	28	9	48
4	285	40	9	63
3	661	70	6	85
2	300	83	5	94
1	281	95	3	98
0	107	100	4	100

^a Patients with missing data for number of home medications at admission were not included in model development nor this analysis.