## **Supplemental Information**

SUPPLEMENTAL TABLE 4 ICD-9-CM Code Definitions for Pediatric Mental Health Diagnostic Groupings

a. oapgo		
Grouping	ICD-9-CM Codes	
Psychosis	290–295.95, 297–298.9	
Autism	299–299.91	
Bipolar disorder	296-296.16, 296.4-296.89	
Depression	296.2-296.39, 311, 300.4, 296.9-296.99	
Anxiety disorders	300-300.3, 300.5-300.9, 309.21, 309.81	
Personality disorders	301–301.9	
Sexuality disorders	302-302.9	
Substance abuse	303-305.93	
Eating disorders	307.1, 307.5–307.53	
Motor disorders	307.2–307.3	
Elimination disorders	307.6, 307.7, 787.6	
Reaction disorders	308-309.2, 309.22-309.8, 309.82-309.9	
Externalizing disorders	312–313.82	
Attachment and nonspecified disorders of infancy, childhood, or adolescence <sup>a</sup>	313.89, 313.9	
ADHD	314-314.9	
Developmental disorder <sup>b</sup>	315–315.9, 317–319	
Miscellaneous	307-307.0, 307.2-307.49, 307.7, 307.8, 310-310.9, 316	

<sup>&</sup>lt;sup>a</sup> This grouping is reactive attachment disorder (Disorders of Infancy, Childhood, Adolescence NOS).

SUPPLEMENTAL TABLE 5 Summary Statistics for All Hospitalizations in the KID and PHIS Databases, 2009

	National Inpatient (KID) $(N = 7337017)^{a}$	Freestanding Children's Hospitals (PHIS) ( $N = 678801$ )
	(N = 1 001 011)	(1110) (14 — 070 001)
Mean age, y	4.7	5.7
Age, n (%)		
0–2 years	4 997 817 (68.1)	287 123 (42.3)
3–5 years	237 605 (3.2) <sup>b</sup>	89 401 (13.2) <sup>b</sup>
6-11 years	399 832 (5.5) <sup>b</sup>	128 333 (19.0) <sup>b</sup>
12-17 years	758 549 (10.3) <sup>b</sup>	136 284 (20.1) <sup>b</sup>
18–20 years	943 214 (12.9) <sup>b</sup>	21 826 (3.2) <sup>b</sup>
≥21 years	0 (0)	15 834 (2.3)
Female, n (%)	3 846 380 (52.6)	311 774 (46.0)
Insurance, n (%)		
Medicaid	3 566 754 (48.5)	297 830 (43.9)
Private	3 197 997 (43.5)	230 763 (34.0)
Uninsured	342 392 (4.7)	13 153 (1.9)
Other or unknown	251 183 (3.4)	137 055 (20.2)

 $<sup>^{\</sup>mathrm{a}}$  N = total weighted patients for KID ( $n=3\,390\,841$  unweighted visits).

<sup>&</sup>lt;sup>b</sup> This disorder includes learning and communication disorders and intellectual disabilities.

 $<sup>^{\</sup>rm b}$  From these lines of data, we calculated the following summary statistic: Proportion of 3- to 20-year-old KID hospitalizations that are PHIS hospitalizations = 375 844/2 339 200 (16.1%).