

**Supplemental Table 1.** Estimated mastoiditis<sup>a</sup> discharges, Kid’s Inpatient Database (KID), 2000-2012

	2000		2003		2006		2009		2012	
	Estimated discharges (95% CI)	Per-cent <sup>b</sup> (95% CI)								
<b>Total</b>	1,693 (1,496, 1,891)	-	1,849 (1,675, 2,023)	-	1,969 (1,776, 2,163)	-	1,745 (1,561, 1,929)	-	1,326 (1,180, 1,471)	-
<b>Type</b>										
Acute <sup>c</sup>	1,256 (1,096, 1,416)	74 (70, 78)	1,352 (1,213, 1,491)	73 (70, 76)	1,382 (1,240, 1,525)	70 (67, 73)	1,040 (913, 1,167)	60 (56, 63)	839 (731, 948)	63 (60, 67)
Unspec- ified <sup>d</sup>	437 (356, 518)	26 (22, 30)	497 (419, 576)	27 (24, 30)	587 (498, 676)	30 (27, 33)	705 (610, 801)	40 (37, 44)	486 (418, 554)	37 (33, 40)

	2000		2003		2006		2009		2012	
	Estimated discharges (95% CI)	Per-cent <sup>b</sup> (95% CI)								
<b>Sex</b>										
Female	717 (606, 827)	42 (38, 46)	765 (677, 853)	41 (38, 44)	825 (725, 925)	42 (39, 45)	728 (636, 821)	42 (39, 45)	566 (494, 639)	43 (39, 46)
Male	977 (847, 1106)	58 (54, 62)	1,049 (932, 1,166)	57 (54, 60)	1,117 (997, 1,237)	57 (54, 59)	1,005 (886, 1,123)	58 (55, 61)	759 (661, 858)	57 (54, 61)
<b>Age in years</b>										
<2	477 (399, 555)	28 (25, 31)	424 (360, 488)	23 (20, 26)	588 (511, 666)	30 (27, 33)	599 (511, 688)	34 (31, 37)	274 (228, 320)	21 (18, 23)

	2000		2003		2006		2009		2012	
	Estimated discharges (95% CI)	Per-cent <sup>b</sup> (95% CI)								
2-17	1,216 (1,062, 1,371)	72 (69- 75)	1,411 (1,271, 1,551)	76 (74, 79)	1,370 (1,220, 1,519)	70 (67, 72)	1,143 (1,016, 1,270)	66 (62, 69)	1,051 (933, 1,170)	79 (77, 82)
<b>Region</b>										
Northeast	268 (209, 328)	16 (12, 20)	326 (251, 401)	18 (14, 21)	316 (241, 392)	16 (12, 20)	323 (239, 406)	18 (14, 23)	244 (177, 311)	18 (14, 23)
Midwest	290 (173, 407)	17 (11, 23)	407 (307, 507)	22 (17, 27)	392 (297, 486)	20 (15, 25)	357 (245, 469)	20 (15, 26)	280 (203, 357)	21 (16, 26)

	2000		2003		2006		2009		2012	
	Estimated discharges (95% CI)	Per- cent <sup>b</sup> (95% CI)								
South	730 (581, 880)	43 (36, 50)	706 (583, 830)	38 (33, 44)	798 (629, 968)	41 (34, 47)	701 (556, 846)	40 (34, 47)	517 (410, 624)	39 (33, 45)
West	405 (318, 493)	24 (19, 29)	410 (313, 507)	22 (17, 27)	463 (354, 571)	23 (18, 29)	364 (283, 446)	21 (16, 26)	285 (213, 357)	21 (16, 27)

<sup>a</sup> Defined as a discharge with ICD-9 codes 383.00, 383.01, 383.02, or 383.9 in the primary position.

<sup>b</sup> Percents include observations with missing values in the denominator and may not add up to 100%.

<sup>c</sup> Acute mastoiditis defined as a discharge with ICD-9 codes 383.00, 383.01, or 383.02 in the primary position.

<sup>d</sup> Unspecified mastoiditis defined as a discharge with ICD-9 code 383.9 in the primary position.