

**Supplementary Table 2. Rates and rate-reduction of acute gastroenteritis and rotavirus-coded hospitalizations among normal, low and very low birth weight children comparing pre-vaccine years (2001-2006) to post-vaccine years (2008-2015) – January - June**

2002-2006 <sup>a</sup>		January – June 2008		January - June 2009		January - June 2010		January - June 2011		January - June 2012		January - June 2013		January - June 2014		January - June 2015	
Rate (ref) <sup>b</sup>	Rate <sup>b</sup>	Rate Red (95% CI) <sup>c</sup>	Rate <sup>b</sup>	Rate Red (95% CI) <sup>c</sup>	Rate <sup>b</sup>	Rate Red (95% CI) <sup>c</sup>	Rate <sup>b</sup>	Rate Red (95% CI) <sup>c</sup>	Rate <sup>b</sup>	Rate Red (95% CI) <sup>c</sup>	Rate <sup>b</sup>	Rate Red (95% CI) <sup>c</sup>	Rate <sup>b</sup>	Rate Red (95% CI) <sup>c</sup>	Rate <sup>b</sup>	Rate Red (95% CI) <sup>c</sup>	
<b>Rotavirus-coded hospitalizations</b>																	
<i>Normal Birth Weight</i>																	
<1 year <sup>d</sup>	31	6	81 (77, 84)	7	78 (74, 82)	1	96 (94, 97)	4	88 (85, 90)	1	98 (97, 99)	3	90 (87, 92)	1	97 (95, 98)	3	91 (87, 93)
1 years	52	16	70 (66, 74)	14	73 (70, 76)	2	96 (95, 97)	8	85 (83, 87)	1	99 (98, 99)	6	89 (87, 91)	1	99 (98, 99)	5	91 (88, 93)
2-4 years	12	4	69 (64, 73)	10	19 (11, 26)	1	89 (87, 91)	5	60 (55, 64)	0	97 (95, 98)	3	76 (72, 79)	0	98 (96, 99)	2	84 (80, 88)
<5 years	23	6	73 (70, 75)	10	58 (55, 61)	1	94 (93, 95)	5	78 (77, 80)	1	98 (97, 98)	3	85 (84, 87)	1	98 (97, 98)	3	89 (87, 90)
<i>Low Birth Weight</i>																	
<1 year <sup>d</sup>	52	6	88 (61, 96)	6	89 (65, 97)	4	93 (70, 98)	8	85 (62, 94)	3	95 (78, 99)	2	97 (75, 100)	2	97 (77, 100)	2	95 (67, 99)
1 years	121	44	63 (7, 85)	39	68 (36, 84)	8	93 (71, 98)	10	92 (74, 97)	3	98 (83, 100)	20	84 (61, 93)	0	NA	0	NA
2-4 years	65	0	NA	9	87 (43, 97)	0	NA	18	71 (33, 88)	4	95 (76, 99)	6	91 (69, 97)	2	97 (80, 100)	2	97 (74, 100)
<5 years	70	10	86 (71, 93)	15	79 (64, 88)	4	95 (86, 98)	12	84 (72, 90)	3	96 (89, 98)	7	90 (80, 95)	1	98 (92, 100)	2	97 (90, 99)
<i>Very Low Birth Weight</i>																	
<1 year <sup>d</sup>	68	9	87 (1, 98)	8	88 (9, 98)	16	76 (-4, 95)	0	NA	0	NA	0	NA	0	NA	10	85 (-16, 98)
1 years	104	72	31 (-225, 85)	17	84 (-30, 98)	36	65 (-64, 93)	0	NA	13	87 (-3, 98)	57	45 (-83, 83)	0	NA	0	NA
2-4 years	142	0	NA	0	NA	0	NA	0	NA	9	94 (51, 99)	9	94 (49, 99)	8	95 (56, 99)	11	92 (39, 99)
<5 years	87	16	81 (39, 94)	9	90 (59, 98)	16	82 (48, 94)	0	NA	6	94 (73, 98)	16	81 (52, 93)	3	97 (76, 100)	8	91 (61, 98)
<b>Acute gastroenteritis hospitalizations</b>																	
<i>Normal Birth Weight</i>																	
<1 year <sup>d</sup>	95	58	39 (35, 43)	58	39 (35, 42)	42	56 (53, 59)	46	52 (49, 55)	38	60 (58, 63)	43	55 (52, 58)	33	66 (63, 68)	39	60 (56, 63)
1 years	139	69	51 (47, 54)	74	47 (44, 50)	42	70 (68, 72)	47	66 (64, 68)	31	78 (76, 79)	40	72 (69, 74)	24	82 (81, 84)	43	69 (66, 72)
2-4 years	43	25	42 (38, 45)	40	6 (1, 10)	19	55 (52, 57)	25	40 (37, 43)	15	64 (61, 66)	22	49 (46, 52)	14	67 (65, 69)	18	59 (55, 62)
<5 years	72	40	44 (42, 46)	50	30 (28, 32)	28	61 (59, 62)	33	53 (52, 55)	23	68 (67, 69)	30	59 (57, 60)	20	72 (71, 73)	27	63 (61, 64)
<i>Low Birth Weight</i>																	
<1 year <sup>d</sup>	191	158	17 (-9, 37)	141	26 (3, 44)	115	40 (19, 55)	107	44 (26, 58)	102	47 (30, 60)	88	54 (37, 67)	115	40 (21, 54)	94	51 (31, 65)
1 years	312	196	37 (1, 60)	182	42 (18, 59)	101	68 (50, 79)	114	63 (46, 75)	87	72 (58, 81)	123	61 (43, 73)	61	80 (68, 88)	79	75 (59, 84)
2-4 years	149	49	67 (36, 83)	72	52 (14, 73)	33	78 (56, 89)	99	34 (-3, 57)	40	73 (54, 84)	56	63 (40, 77)	47	69 (49, 81)	51	66 (43, 80)
<5 years	212	133	37 (22, 50)	135	36 (22, 48)	87	59 (48, 67)	106	50 (39, 59)	77	64 (55, 70)	83	61 (51, 68)	77	64 (55, 71)	73	65 (56, 73)
<i>Very Low Birth Weight</i>																	
<1 year <sup>d</sup>	267	257	4 (-50, 38)	203	24 (-22, 52)	146	45 (7, 68)	122	54 (22, 73)	151	44 (11, 64)	107	60 (28, 78)	198	26 (-16, 53)	167	38 (-8, 64)
1 years	352	468	-33 (-158, 31)	271	23 (-43, 59)	200	43 (-14, 72)	119	66 (25, 85)	162	54 (9, 77)	272	23 (-39, 57)	93	74 (40, 89)	196	44 (-12, 72)
2-4 years	244	22	91 (30, 99)	38	84 (30, 96)	55	77 (30, 93)	141	42 (-27, 74)	69	72 (31, 88)	116	52 (-4, 78)	115	53 (-1, 78)	107	56 (-2, 81)
<5 years	283	232	18 (-17, 43)	184	35 (7, 55)	132	53 (31, 69)	127	55 (35, 69)	127	55 (36, 68)	147	48 (26, 63)	144	49 (28, 64)	151	47 (22, 63)

Red, reduction; CI, confidence interval; PY, person-year; ref., reference group; NA, not applicable

<sup>a</sup> For 2002-2006, we reported the average annual rates.

<sup>b</sup> Rates are reported as n/10,000 PY.

<sup>c</sup> Rate reductions were not reported due to small number of events.

<sup>d</sup> Infants <1 year of age were restricted to those who were vaccine eligible (i.e. 3-11 months).