

## Supplemental Digital Content 9

Mean geometric increase for HI, neutralizing and anti-neuraminidase antibodies 7 days after first vaccination in the revaccination study, overall and by age strata (per-protocol cohort)

	Primed		Unprimed	
	N	MGI (95% CI)	N	MGI (95% CI)
<b>HI antibodies</b>				
<b>All ages</b>				
A/H1N1	221	10.3 (8.5-12.4)	202	3.2 (2.6-3.9)
A/H3N2	221	10.9 (9.4-12.6)	202	2.9 (2.4-3.6)
B/Victoria	221	6.7 (5.9-7.6)	202	4.6 (3.8-5.5)
B/Yamagata	221	15.2 (13.3-17.3)	202	4.0 (3.3-4.9)
<b>17-29 months</b>				
A/H1N1	91	13.6 (10.3-18.0)	89	2.4 (1.8-3.2)
A/H3N2	91	9.9 (7.7-12.7)	89	2.2 (1.6-3.0)
B/Victoria	91	7.0 (5.7-8.6)	89	3.3 (2.5-4.4)
B/Yamagata	91	15.1 (11.9-19.0)	89	2.9 (2.2-3.7)
<b>30-48 months</b>				
A/H1N1	130	8.4 (6.5-10.9)	113	4.0 (3.1-5.3)
A/H3N2	130	11.6 (9.7-13.8)	113	3.7 (2.8-4.9)
B/Victoria	130	6.5 (5.5-7.7)	113	6.0 (4.8-7.5)
B/Yamagata	130	15.2 (13.1-17.7)	113	5.2 (4.0-6.9)
<b>Neutralizing antibodies</b>				
<b>All ages</b>				
A/H1N1	97	10.6 (8.2-13.7)	89	3.1 (2.3-4.2)
A/H3N2	97	6.4 (5.4-7.6)	94	4.5 (3.2-6.2)
B/Victoria	107	5.0 (4.3-5.8)	108	2.1 (1.6-2.8)
B/Yamagata	107	5.0 (4.3-5.7)	105	1.7 (1.4-2.0)
<b>17-29 months</b>				
A/H1N1	47	13.1 (9.2-18.8)	44	2.0 (1.4-3.0)
A/H3N2	48	6.1 (4.8-7.7)	46	3.4 (2.1-5.4)
B/Victoria	53	5.4 (4.4-6.5)	53	1.8 (1.2-2.6)
B/Yamagata	53	4.4 (3.8-5.2)	51	1.5 (1.2-2.0)
<b>30-48 months</b>				
A/H1N1	50	8.7 (6.0-12.5)	45	4.7 (3.0-7.3)
A/H3N2	49	6.7 (5.1-8.8)	48	5.9 (3.8-9.2)

B/Victoria	54	4.7 (3.8-5.8)	55	2.5 (1.6-3.8)
B/Yamagata	54	5.5 (4.5-6.9)	54	1.8 (1.4-2.4)
<b>Anti-neuraminidase antibodies</b>				
<b>All ages</b>				
A/H1N1	105	8.3 (6.5-10.7)	106	1.8 (1.5-2.1)
A/H3N2	107	4.9 (4.2-5.8)	106	2.0 (1.7-2.3)
B/Victoria	105	5.2 (4.4-6.0)	106	1.9 (1.5-2.4)
B/Yamagata	105	8.8 (7.5-10.2)	106	2.7 (2.1-3.4)
<b>17-29 months</b>				
A/H1N1	53	11.4 (8.2-15.8)	52	1.5 (1.2-1.9)
A/H3N2	53	4.6 (3.6-5.8)	52	1.7 (1.4-2.0)
B/Victoria	53	5.2 (4.3-6.3)	52	1.5 (1.1-2.1)
B/Yamagata	53	8.8 (7.2-10.8)	52	2.2 (1.5-3.2)
<b>30-48 months</b>				
A/H1N1	52	6.0 (4.1-8.8)	54	2.1 (1.7-2.7)
A/H3N2	54	5.3 (4.2-6.8)	54	2.3 (1.9-2.8)
B/Victoria	52	5.1 (4.1-6.5)	54	2.3 (1.6-3.4)
B/Yamagata	52	8.7 (6.9-11.0)	54	3.2 (2.3-4.5)

CI: confidence interval; HI: hemagglutination inhibition; MGI: mean geometric increase