

**Supplementary table: Incidence rate ratios per week  
increase in gestational age**

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**ENTIRE STUDY PERIOD (2002–2010)**

**Children aged 0–23 months**

Crude IRR (95% CI ) 0.91 (0.87, 0.94)

Adjusted IRR (95% CI)<sup>1</sup> 0.91 (0.88, 0.95)

**Children aged 0–5 months**

Crude IRR (95% CI ) 0.86 (0.79, 0.95)

Adjusted IRR (95% CI)<sup>1</sup> 0.86 (0.78, 0.94)

**Children aged 6–23 months**

Crude IRR (95% CI ) 0.92 (0.88, 0.96)

Adjusted IRR (95% CI)<sup>1</sup> 0.92 (0.88, 0.96)

**PRE PCV7-PERIOD (2002–2005)**

**Children aged 0–23 months**

Crude IRR (95% CI ) 0.91 (0.87, 0.96)

Adjusted IRR (95% CI)<sup>2</sup> 0.91 (0.87, 0.96)

**Children aged 0–5 months**

Crude IRR (95% CI ) 0.84 (0.75, 0.94)

Adjusted IRR (95% CI)<sup>2</sup> 0.83 (0.74, 0.94)

**Children aged 6–23 months**

Crude IRR (95% CI ) 0.92 (0.87, 0.97)

Adjusted IRR (95% CI)<sup>2</sup> 0.92 (0.88, 0.97)

**PCV7-PERIOD (2007–2010, CHILDREN BORN 2006–2010)**

**Children aged 0–23 months**

Crude IRR (95% CI ) 0.89 (0.82, 0.97)

Adjusted IRR (95% CI)<sup>1</sup> 0.89 (0.82, 0.97)

**Children aged 0–5 months**

Crude IRR (95% CI ) 0.85 (0.74, 0.97)

Adjusted IRR (95% CI)<sup>1</sup> 0.84 (0.73, 0.96)

**Children aged 6–23 months**

Crude IRR (95% CI ) 0.92 (0.83, 1.02)

Adjusted IRR (95% CI)<sup>1</sup> 0.93 (0.83, 1.03)

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<sup>1</sup> Adjusted for age (time scale), sex of child, parental education, immigrant background, number of siblings, and number of doses of PCV7 (categorized as 0, 1, 2, or 3 doses for ages 0–23 months and 6–23 months and 0 or ≥ 1 doses for ages ≥ 0–5 months).

<sup>2</sup> Adjusted for age (time scale), sex of child, parental education, immigrant background, and number of siblings