

Estimated change in pneumonia mortality associated with the introduction of PCV10 In Brazil

PAHO/Yale analysis team

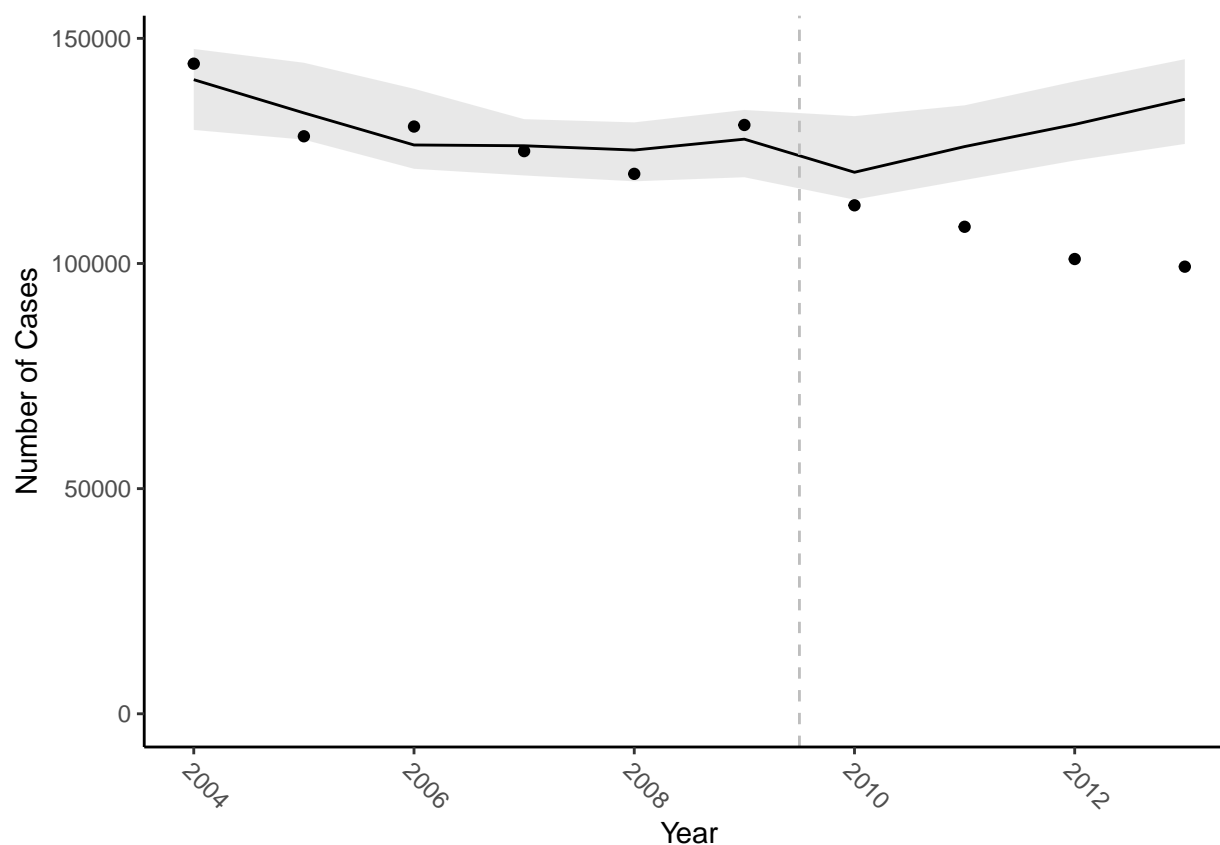
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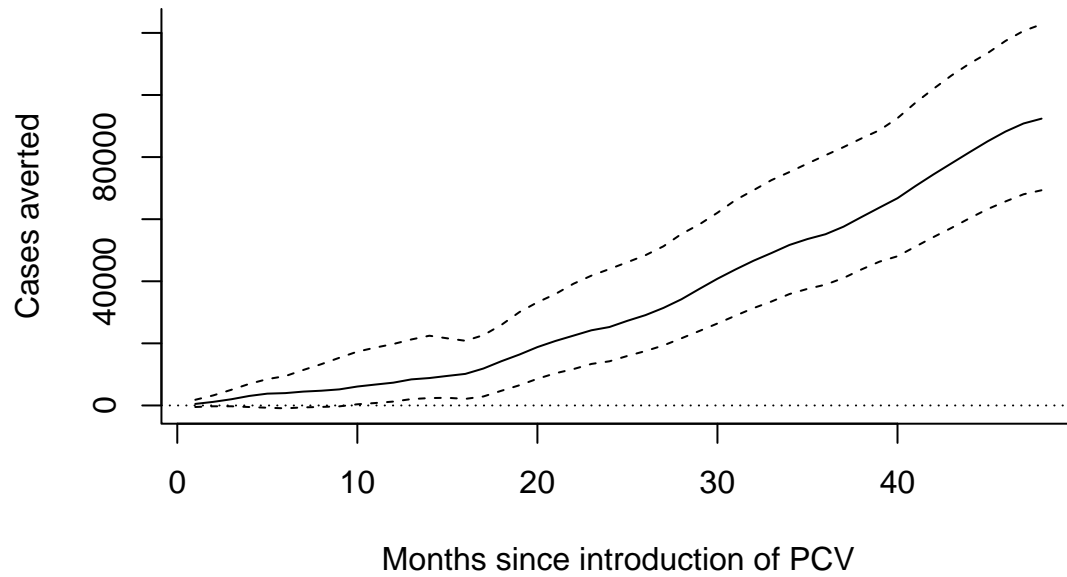
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In these analyses, we use time series analyses of monthly hospitalization data to evaluate changes associated with the introduction of PCVs. This is part of a collaborative project spearheaded by PAHO and funded by the Bill and Melinda Gates Foundation.

Comparison of observed and expected number of cases



Cumulative cases averted among children <12months



Estimated decline by age group

	Stacking Estimate (95% CI)
0	0.83 (0.75, 1.01)
1	0.77 (0.7, 0.81)
2	0.77 (0.72, 0.82)
3	0.82 (0.74, 0.91)
4	0.8 (0.7, 0.91)
5	0.82 (0.72, 0.94)
6	0.91 (0.77, 1.17)
7	1.02 (0.89, 1.18)
8	0.99 (0.92, 1.07)
9	0.75 (0.71, 0.8)