

Table 6 Estimated health burden of pneumococcal diseases with and without PCV-13, and discounted health benefits of PCV-13 for 10 cohorts vaccinated over the period 2014–2023

Variable	No vaccine (current status)	PCV-13	Averted
<i>Cases of pneumococcal disease in children < 5 years (no.)</i>			
Total cases	18 713 211	13 813 127	4 900 084
All-cause acute otitis media	18 148 116	13 455 667	4 692 450
Pneumococcal pneumonia	519 412	328 563	190 849
Pneumococcal meningitis	6 884	4 354	2 529
Pneumococcal NPNM	38 799	24 543	14 256
<i>Outpatient visits for pneumococcal disease in children < 5 years (no.)</i>			
Total visits	5 891 257	4 358 860	1 532 397
All-cause acute otitis media	5 807 397	4 305 813	1 501 584
Pneumococcal pneumonia	83 106	52 570	30 536
Pneumococcal meningitis	114	72	42
Pneumococcal NPNM	640	405	235
<i>Hospital admissions for pneumococcal disease in children < 5 years (no.)</i>			
Total admissions	287 950	182 147	105 802
Pneumococcal pneumonia	246 721	156 067	90 653
Pneumococcal meningitis	6 213	3 930	2 283
Pneumococcal NPNM	35 016	22 150	12 866
<i>Deaths from pneumococcal disease in children < 5 years (no.)</i>			
Total deaths	26 399	16 401	9 998
Pneumococcal pneumonia	10 334	6 420	3 913
Pneumococcal meningitis	3 002	1 865	1 137
Pneumococcal NPNM	13 063	8 116	4 947
<i>Children < 5 years with permanent disability (no.)</i>			
Total disability	958	615	343
Sequelae group A	783	503	281
Sequelae group B	175	112	63
<i>Burden of pneumococcal disease in children < 5 years</i>			
Disability-adjusted life years	804.12	500.77	303.34
Years lived with disability	23.59	15.7	7.88
Years of life lost	780.53	485.07	295.46

PCV = pneumococcal conjugate vaccine; NPNM = non-pneumonia, non-meningitis, and other diseases except sepsis.

*Health benefits were discounted at 3% a year.