

Supplementary Material

Supplementary Table 1. Adjusted varicella incidence rates (per 1,000 persons), selected years, United States

Age group	Pre-vaccine (1990-1994)	1996	1999	2002	2006	2009	2012	2015	2019-2020
<1 year	55.6	13.5	8.3	6.9	3.9	3.9	2.5	1.5	0.8
1-4 years	98.4	22.8	11.0	8.5	6.4	3.6	2.0	1.2	0.7
5-9 years	81.2	22.6	17.4	6.9	5.4	2.1	1.3	0.7	0.4
10-14 years	19.1	7.3	6.4	3.7	4.1	1.9	1.0	0.5	0.3
15-19 years	4.8	1.6	1.9	1.0	1.3	0.9	0.6	0.3	0.2
20-29 years	1.5	1.1	0.9	1.4	1.2	0.9	0.3	0.3	0.2
30-39 years	0.7	0.5	0.6	0.9	0.8	0.8	0.3	0.2	0.2
40-49 years	0.7	0.2	0.1	0.4	0.5	0.4	0.1	0.1	0.1

Supplementary Table 2. Varicella hospitalization rates (per 100,000 persons), selected years, United States

Age group	Pre-vaccine (1993-1995)	1996	1999	2002	2006	2009	2012	2015	2019-2020
<1 year	34.8	24.2	17.7	7.3	6.2	3.4	2.4	2.0	1.1
1-4 years	27.1	17.8	10.3	3.8	1.5	1.0	1.0	0.7	0.5
5-9 years	11.1	6.6	5.6	2.3	1.3	0.4	0.4	0.1	0.2
10-19 years	2.2	1.3	1.1	0.7	0.6	0.5	0.2	0.2	0.3
20-49 years	2.5	1.6	1.2	0.7	0.6	0.4	0.4	0.4	0.4

Supplementary Table 3. Varicella death* rates (per 1,000,000 persons), selected years, United States

Age group	Pre-vaccine (1990-1994)	1996	1999	2002	2006	2009	2012	2015	2019-2020
<1 year	2.2	1.6	0.8	0.3	0.0	0.0	0.0	0.0	0.0
1-4 years	0.8	0.8	0.2	0.0	0.0	0.0	0.1	0.0	0.1
5-9 years	0.8	0.4	0.1	0.0	0.1	0.0	0.0	0.0	0.0
10-19 years	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
20-49 years	0.3	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0

* Varicella as underlying cause of death

Supplementary Table 4. Varicella outpatient visit rates (per 100,000 persons), selected years, United States

Age group	Pre-vaccine (1994-1995)	1996	1999	2002	2006	2009	2012	2015	2019-2020
0-9 years	955.8	803.6	558.1	352.7	272.9	146.8	100.2	57.4	32.4
10-19 years	136.2	98.8	69.3	78.4	100.0	68.2	34.6	18.3	11.5
20-49 years	65.1	44.9	36.9	26.3	22.5	16.9	14.2	11.9	9.1