

SUPPLEMENTARY TABLE 1. Assumed susceptibility profile for Venezuela for input to dynamic measles model

Age group	Birth year	% Immune	% Susceptible	Overall % susceptible
0–5 mos	2024	66.7*	33.3	33.3
6–11 mos	2024	33.3 [†]	66.7	66.7
12 mos–11 yrs	2023	62	38	17.2
	2022	63	37	
	2021	70	30	
	2020	75	25	
	2019	90	10	
	2018	75	25	
	2017	94	6	
	2016	93	7	
	2015	93	7	
	2014	93	7	
	2013	93	7	
2012	93	7		
≥12 yrs	2011 and earlier	<i>Immunity profile suggests that 90%–95% of children are immune because of supplementary immunization activities.</i>	<i>Immunity profile suggests that 5%–10% of children per birth cohort are susceptible because of supplementary immunization activities.</i>	10 [§]

* Assume that children aged <6 months have strong maternal immunity (approximately 66.7% protected) ([https://doi.org/10.1016/S2468-2667\(23\)00130-5](https://doi.org/10.1016/S2468-2667(23)00130-5)).

[†] Measles-containing vaccine dose 1 is given at age 12 months in Venezuela; children aged 6–11 months have not yet received vaccine. Assume that 33.3% have immunity due to maternal antibody ([https://doi.org/10.1016/S2468-2667\(23\)00130-5](https://doi.org/10.1016/S2468-2667(23)00130-5)).

[§] Assume that persons aged ≥12 years have susceptibility of 10% (on the higher end of projected range of susceptibility) because of potential for supplementary immunization activities to report inflated vaccination coverage.