

Measles, Rubella and Congenital Rubella Syndrome (CRS) Country Profile

Cuba

Pan American Health Organization

Introduction

The measles and rubella country profile aims to facilitate the analysis of data compiled in the last five years. This profile was only developed for those countries who officially reported vaccination coverage and case by case surveillance and laboratory data to the Pan American Health Organization (PAHO). There may be minor differences in the country profile if the country has updated data that was not reported to PAHO. The country profile will be automatically updated twice per year: at the end of April (surveillance data) and at the end of September (vaccination coverage data).

General Information

Table 1: Demographic data, 2022.

Demographic group	Population
1 year of age	102,393
Total population	11,212,220

Table 2: Last endemic cases by year and disease.

Measles	Rubella	CRS
1993	1995	1985

Table 3: Vaccination schedule.

Vaccine	1st Dose	2nd Dose	MMR2 Year Introduced
MMR	1 yr	6 yr	2004

Epidemiology and Quality of Surveillance

Figure 1: Distribution of suspected MR cases and notification rate at the national level, 2018-2022.

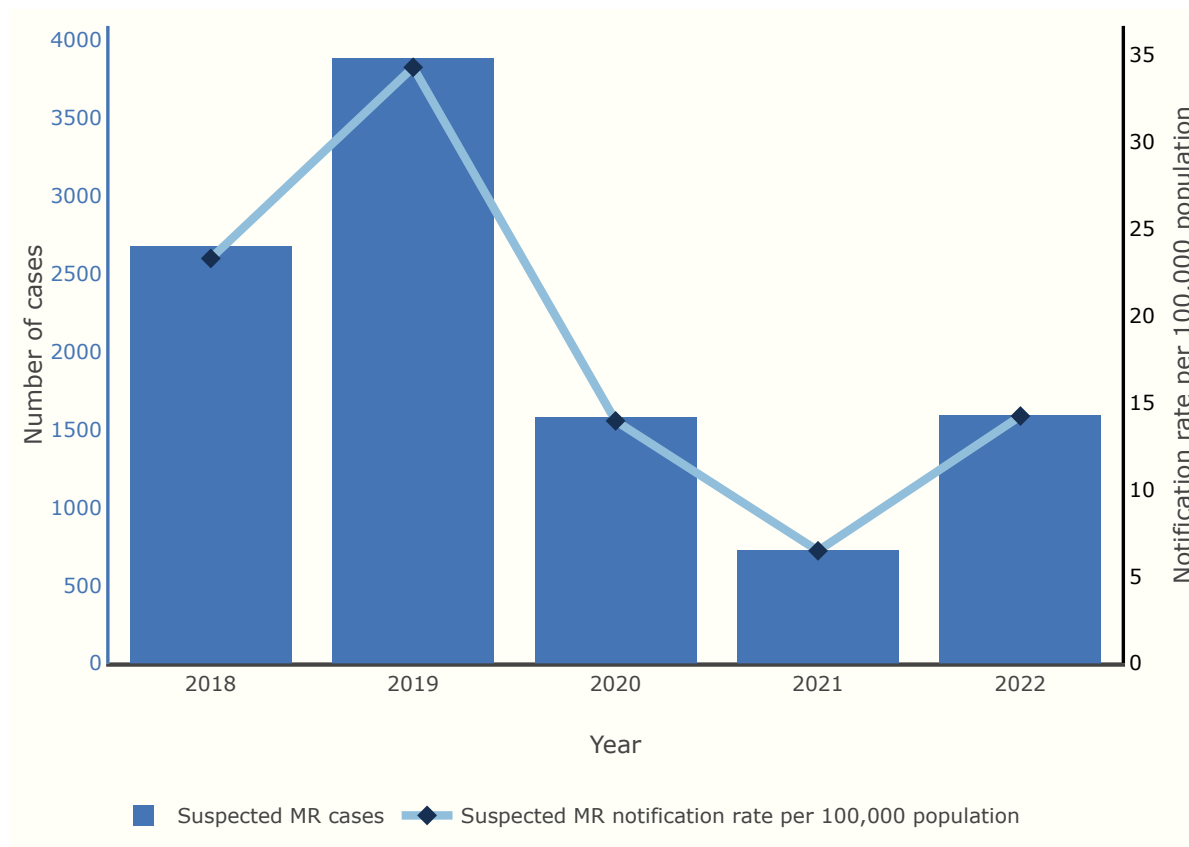


Table 4: Distribution of suspected MR cases and notification rate at the national level, 2018-2022.

	2018	2019	2020	2021	2022
Suspected MR cases	2,675	3,884	1,579	728	1,594
Suspected MR notification rate per 100,000 population	23.28	34.27	13.94	6.47	14.22

Figure 2: Distribution of suspected CRS cases and notification rate at the national level, 2018-2022.

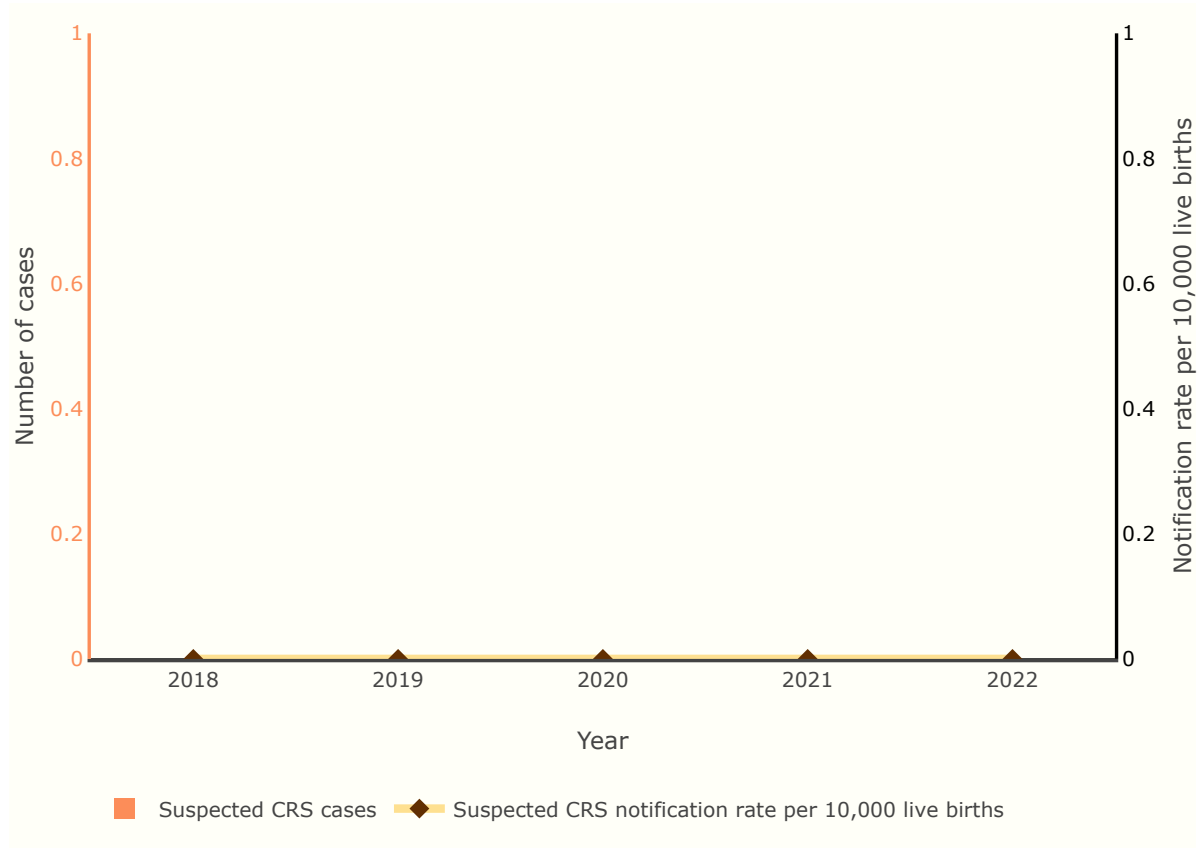


Table 5: Distribution of suspected CRS cases and notification rate at the national level, 2018-2022.

	2018	2019	2020	2021	2022
Suspected CRS cases	0	0	0	0	0
Suspected CRS notification rate per 10,000 live births	0	0	0	0	0

Figure 3: Reported cases of measles and rubella by epidemiological week and final classification: confirmed, discarded and under investigation, 2018-2022.

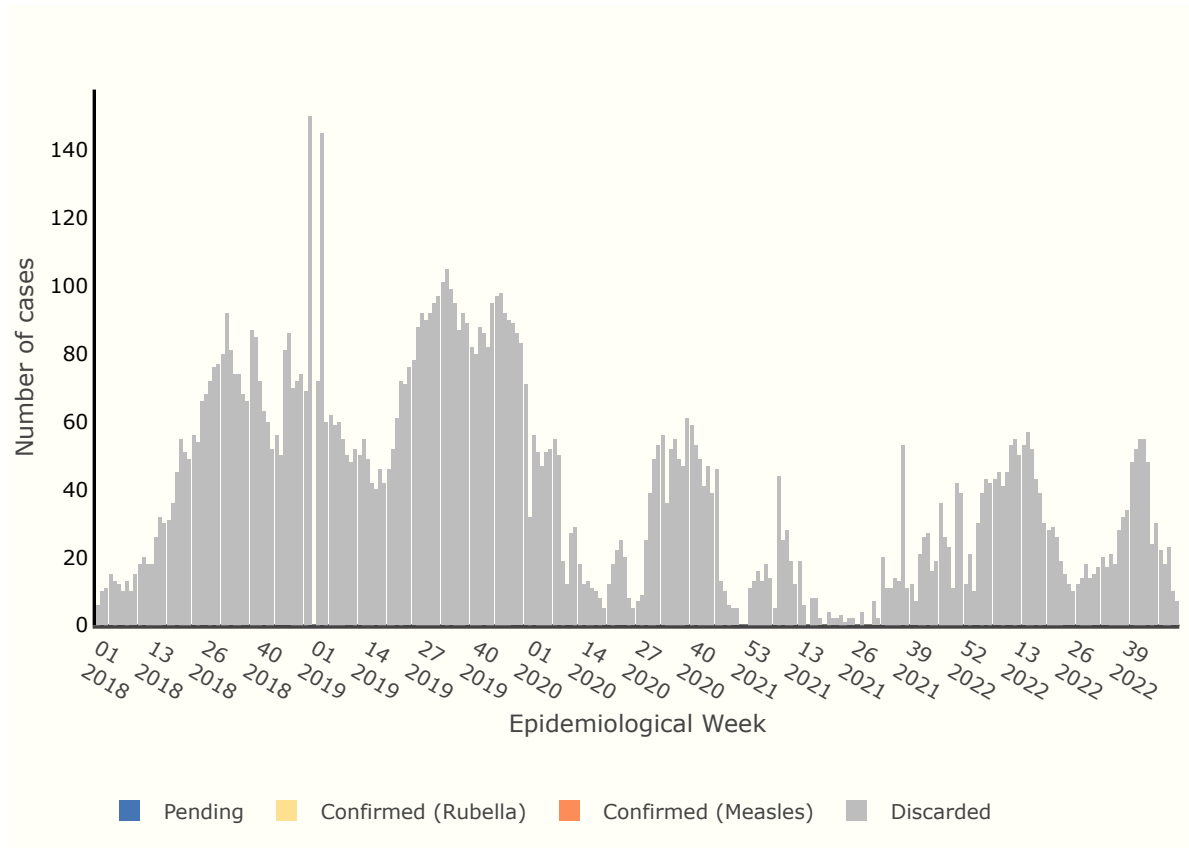


Table 6: Reported cases of measles and rubella by epidemiological year and final classification, 2018-2022.

Classification	2018	2019	2020	2021	2022
Confirmed (Measles)	0	0	0	0	0
Confirmed (Rubella)	0	0	0	0	0
Pending	0	0	0	0	0
Discarded	2675	3884	1579	728	1594
Total	2675	3884	1579	728	1594

Figure 4: Performance indicators of measles and rubella surveillance by year, 2018-2022.

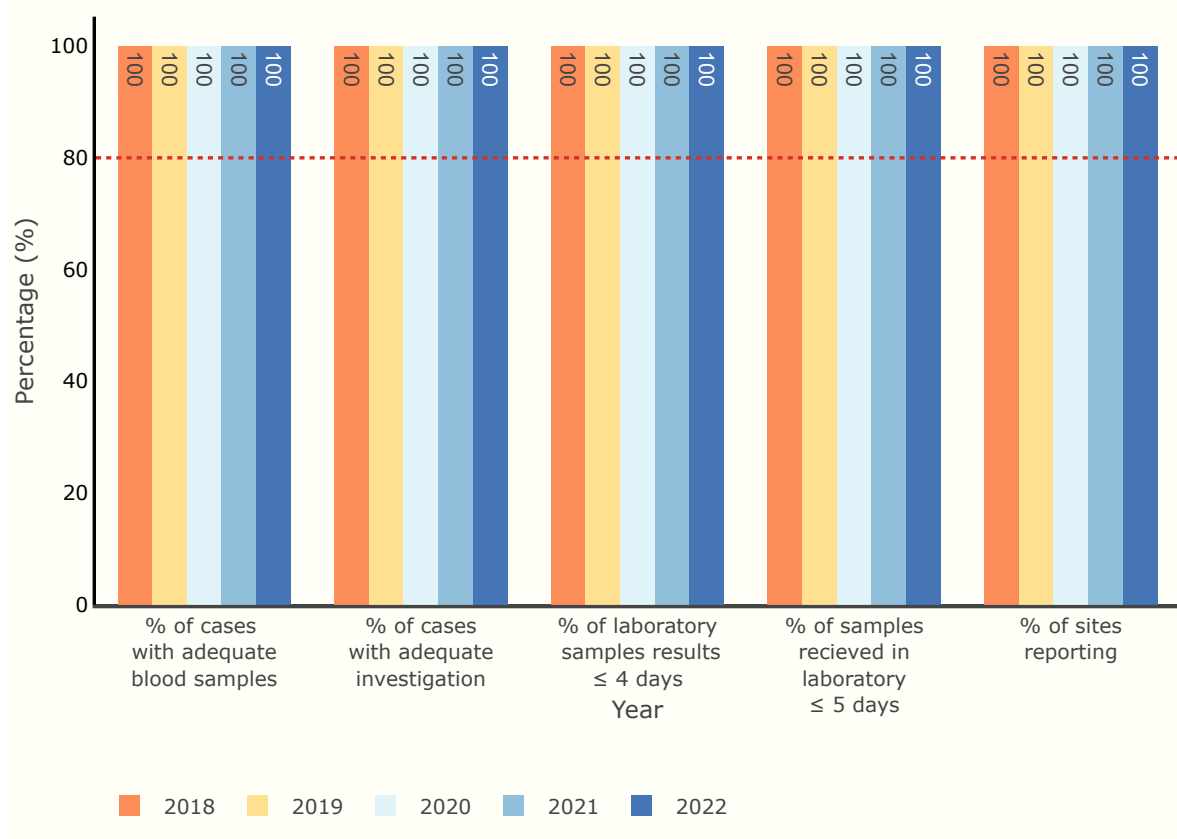


Table 7: Municipalities reporting measles and rubella suspected cases by year, 2018-2022.

Year	No. of municipalities reporting suspected cases	Total municipalities in the country	% of municipalities reporting suspected cases
2018	NA	168	NA
2019	NA	168	NA
2020	0	168	0
2021	NA	168	NA
2022	0	168	0

Laboratory Surveillance

No data to show.

Analysis of Vaccination Coverage and Population Cohorts

Figure 5: Coverage of the first dose of measles-mumps-rubella (MMR1) vaccine, number of doses administered, and number of children 1 year of age, 2018-2022.

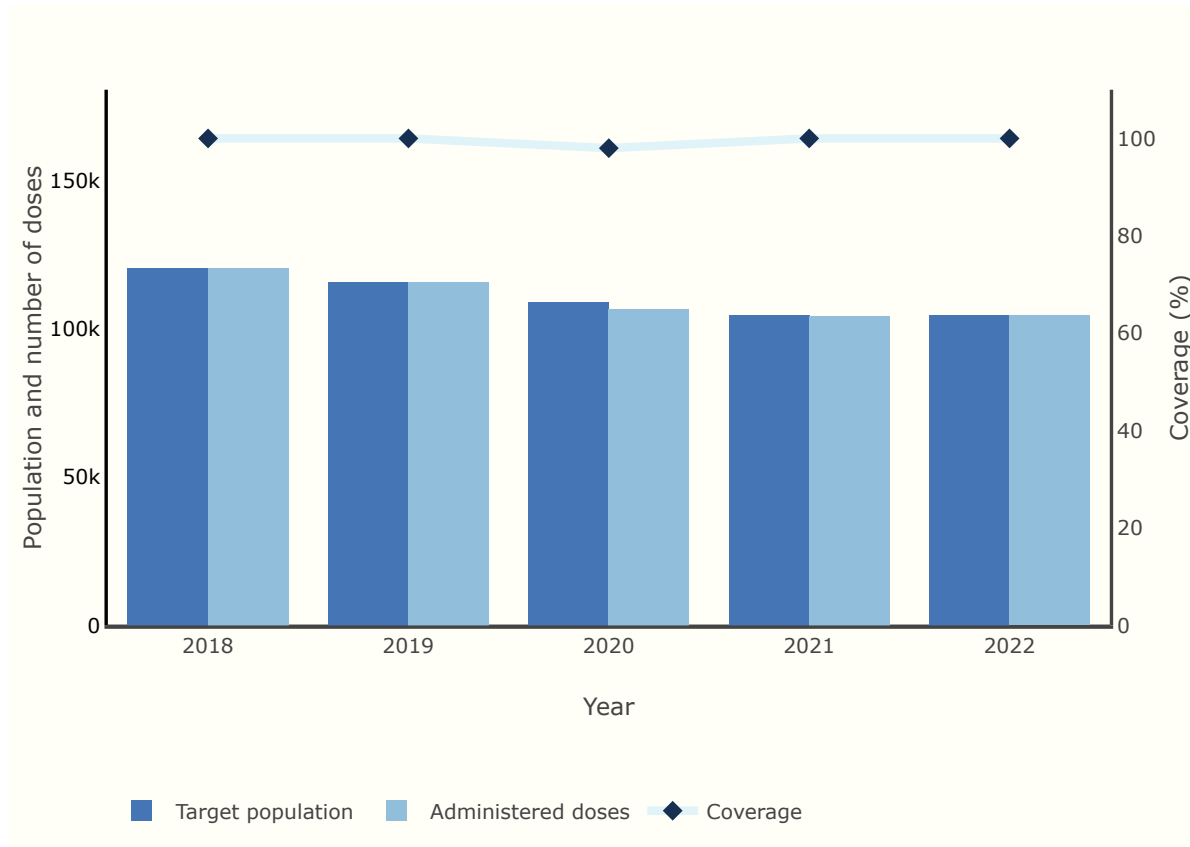


Figure 6: Coverage of the second dose of measles-mumps-rubella (MMR2) vaccine, number of doses administered, and number of children 6 year(s) of age, 2018-2022.

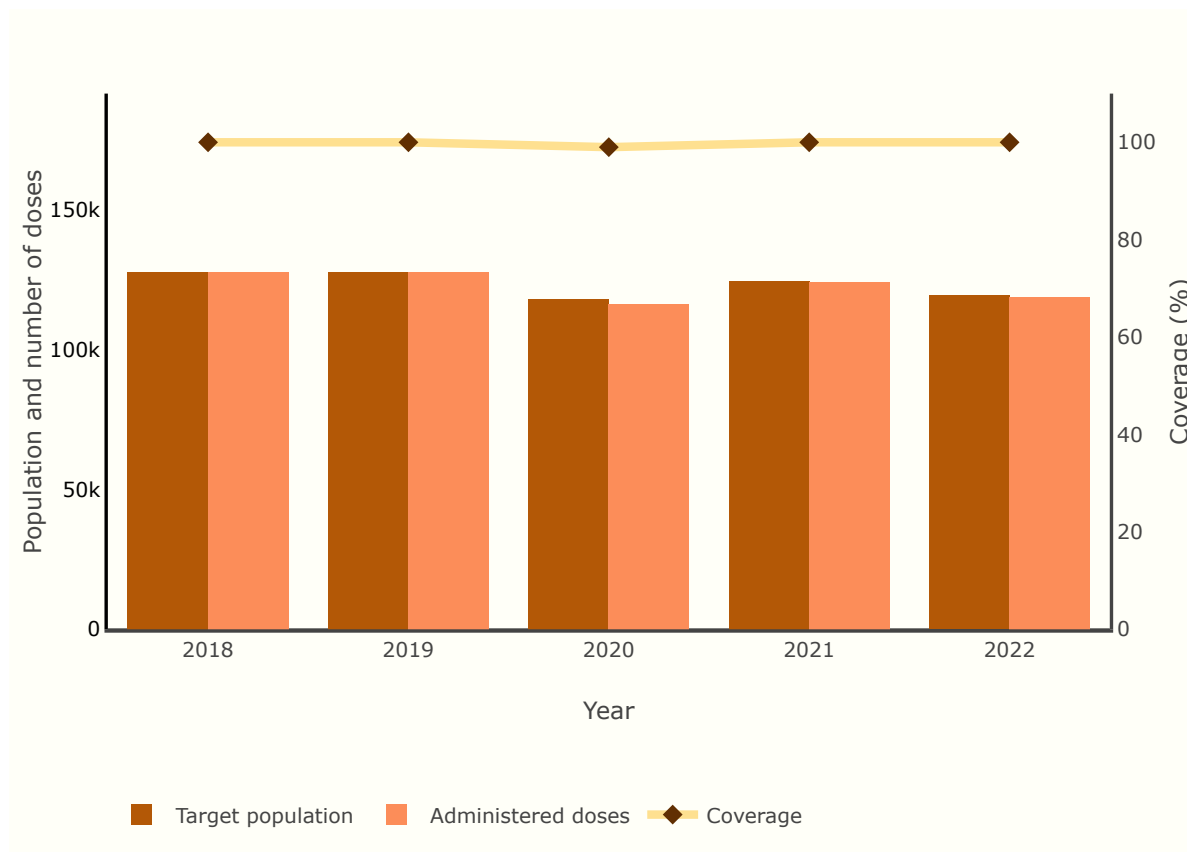


Table 8: Vaccination coverage with first and second dose of measles-mumps-rubella (MMR1 and MMR2) vaccines by target population and administered doses, 2018-2022.

Year	MMR1			MMR2		
	Administered doses	Target population	Coverage	Administered doses	Target population	Coverage
2018	120,396	120,400	100	127,619	127,623	100
2019	115,833	115,872	100	127,620	127,623	100
2020	106,792	109,165	98	116,299	118,013	99
2021	104,396	104,514	100	124,009	124,482	100
2022	104,472	104,514	100	118,732	119,246	100

Figure 7: Proportion of municipalities by MMR1 vaccination coverage ranges, 2018-2022.

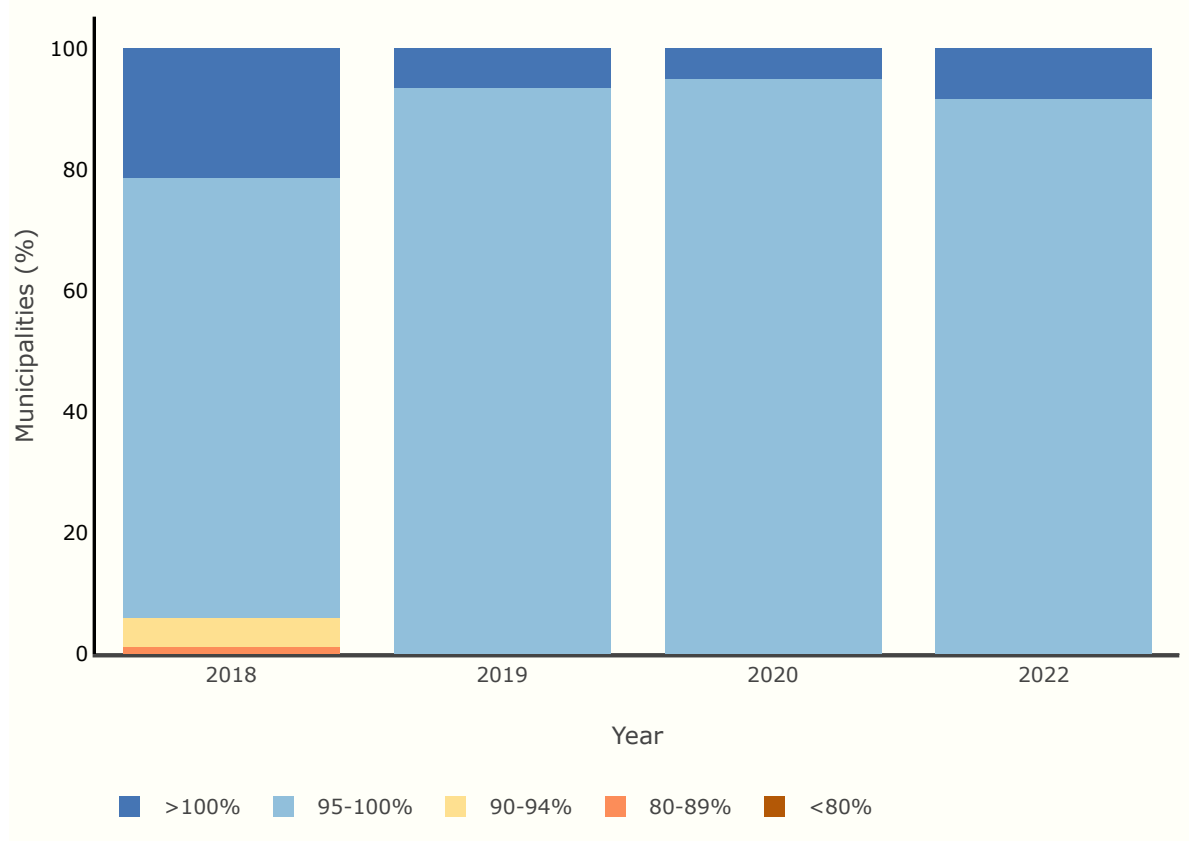


Figure 8: Proportion of children living in those municipalities for MMR1 vaccination coverage ranges, 2018-2022.

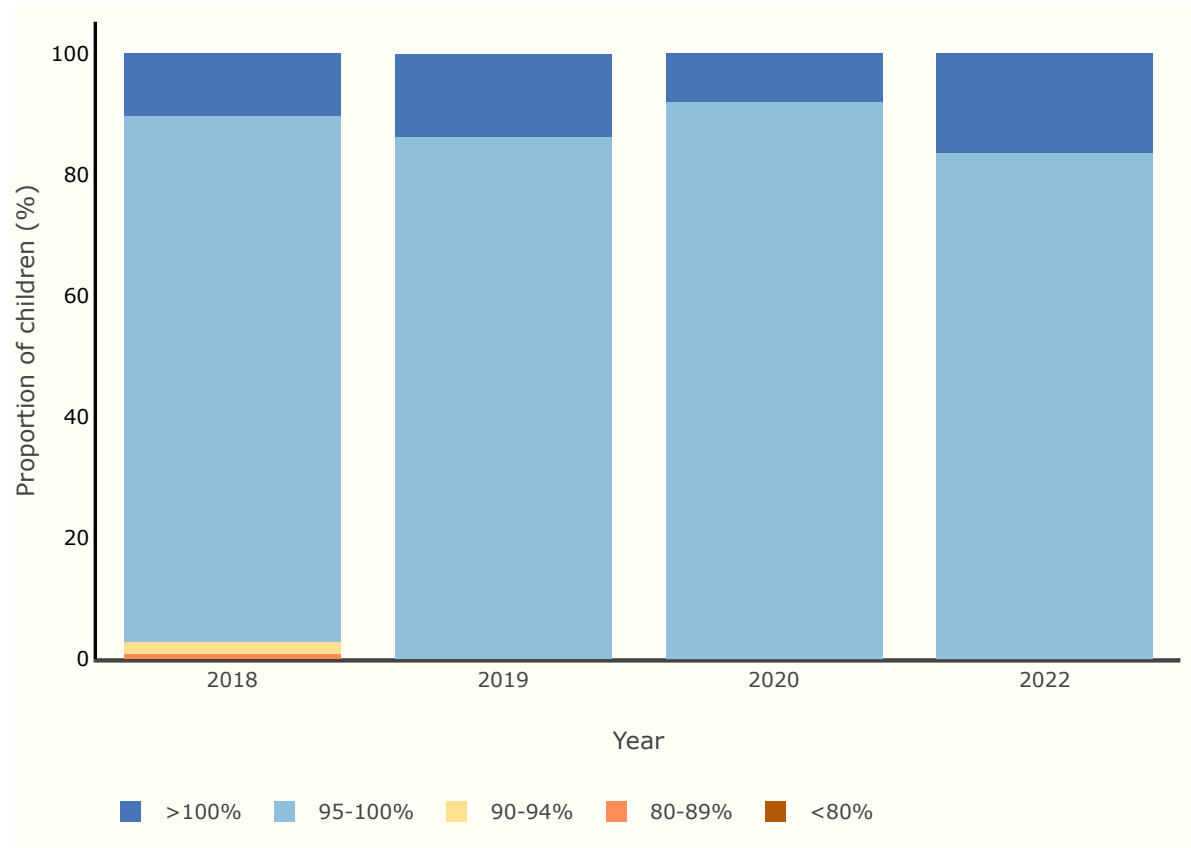


Figure 9: Proportion of municipalities by MMR2 vaccination coverage ranges, 2018-2022.

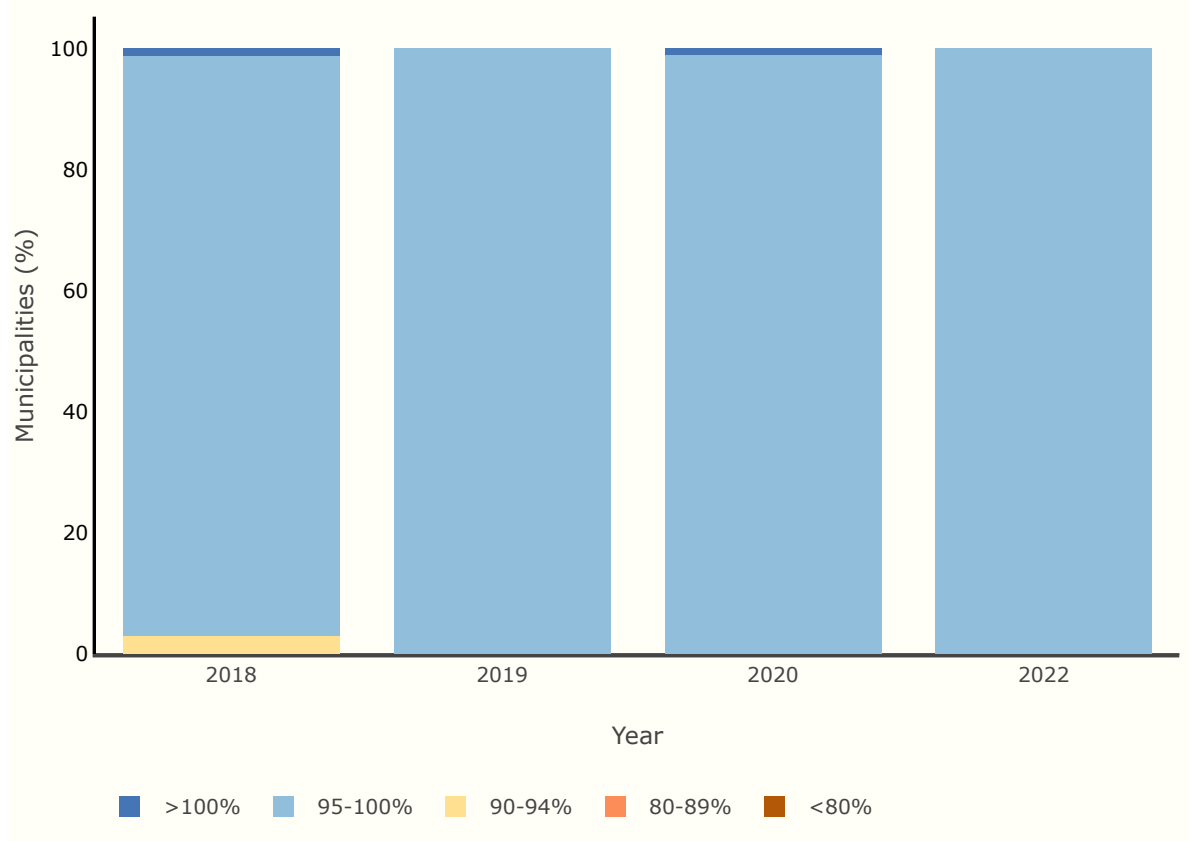


Figure 10: Proportion of children living in those municipalities for MMR2 vaccination coverage ranges, 2018-2022.

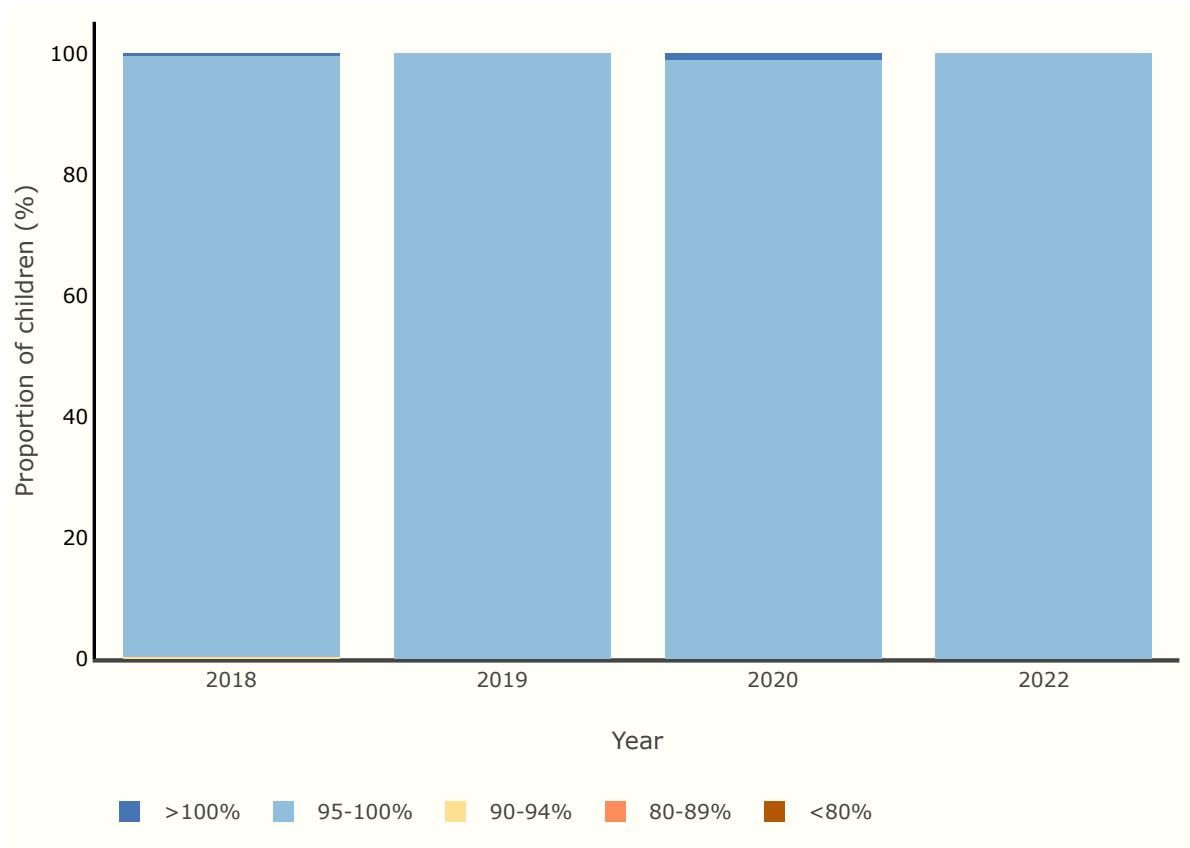


Table 9: Proportion of municipalities with MMR1 and MMR2 coverage ranges and proportion of children living in those municipalities, 2018-2022.

Year	Coverage range (%)	MMR1		MMR2	
		MMR1	MMR2	MMR1	MMR2
2022	<80	0.0	0.0	0.0	0.0
2022	80-89	0.0	0.0	0.0	0.0
2022	90-94	0.0	0.0	0.0	0.0
2022	95-100	91.7	100.0	83.6	100.0
2022	>100	8.3	0.0	16.4	0.0
2020	<80	0.0	0.0	0.0	0.0
2020	80-89	0.0	0.0	0.0	0.0
2020	90-94	0.0	0.0	0.0	0.0

2020	95-100	95.0	99.0	92.0	99.0
2020	>100	5.0	1.0	8.0	1.0
2019	<80	0.0	0.0	0.0	0.0
2019	80-89	0.0	0.0	0.0	0.0
2019	90-94	0.0	0.0	0.0	0.0
2019	95-100	93.5	100.0	86.3	100.0
2019	>100	6.5	0.0	13.7	0.0
2018	<80	0.0	0.0	0.0	0.0
2018	80-89	1.2	0.0	0.9	0.0
2018	90-94	4.8	3.0	2.0	0.4
2018	95-100	72.6	95.8	86.8	99.2
2018	>100	21.4	1.2	10.3	0.4

References

Section	Sources
General Information	[1] United Nations, Department of Economic and Social Affairs, Population Division (2022). World Population Prospects 2022, Online Edition. [2] Country reports through the electronic PAHO-WHO/UNICEF Joint Reporting Form (eJRF).
Epidemiology and Quality of Surveillance	[3] Integrated Surveillance Information System (ISIS) and country reports to CIM/PAHO. [2] Country reports through the electronic PAHO-WHO/UNICEF Joint Reporting Form (eJRF).
Laboratory Surveillance	[3] Integrated Surveillance Information System (ISIS) and country reports to CIM/PAHO.
Analysis of Vaccination Coverage and Population Cohorts	[2] Country reports through the electronic PAHO-WHO/UNICEF Joint Reporting Form (eJRF).
