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

Turks and Caicos Islands

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	555
Total population	45,727

Table 2: Last endemic cases by year and disease.

Measles	Rubella	CRS
1990	1987	NA

Table 3: Vaccination schedule.

Vaccine	1st Dose	2nd Dose	MMR2 Year Introduced
MMR	1 yr	3 yr	NA

Table 4: Accumulation of susceptibles for measles and rubella.

Year of the last follow-up campaign	Vaccine used (M, MR, MMR)	Age group vaccinated	Number vaccinated (numerator)	Coverage of the follow-up campaign (B/C)*100	Number of susceptibles 1-4 years of age	Year of next campaign
2019	MMR	11	NA	NA	NA	NA

Epidemiology and Quality of Surveillance

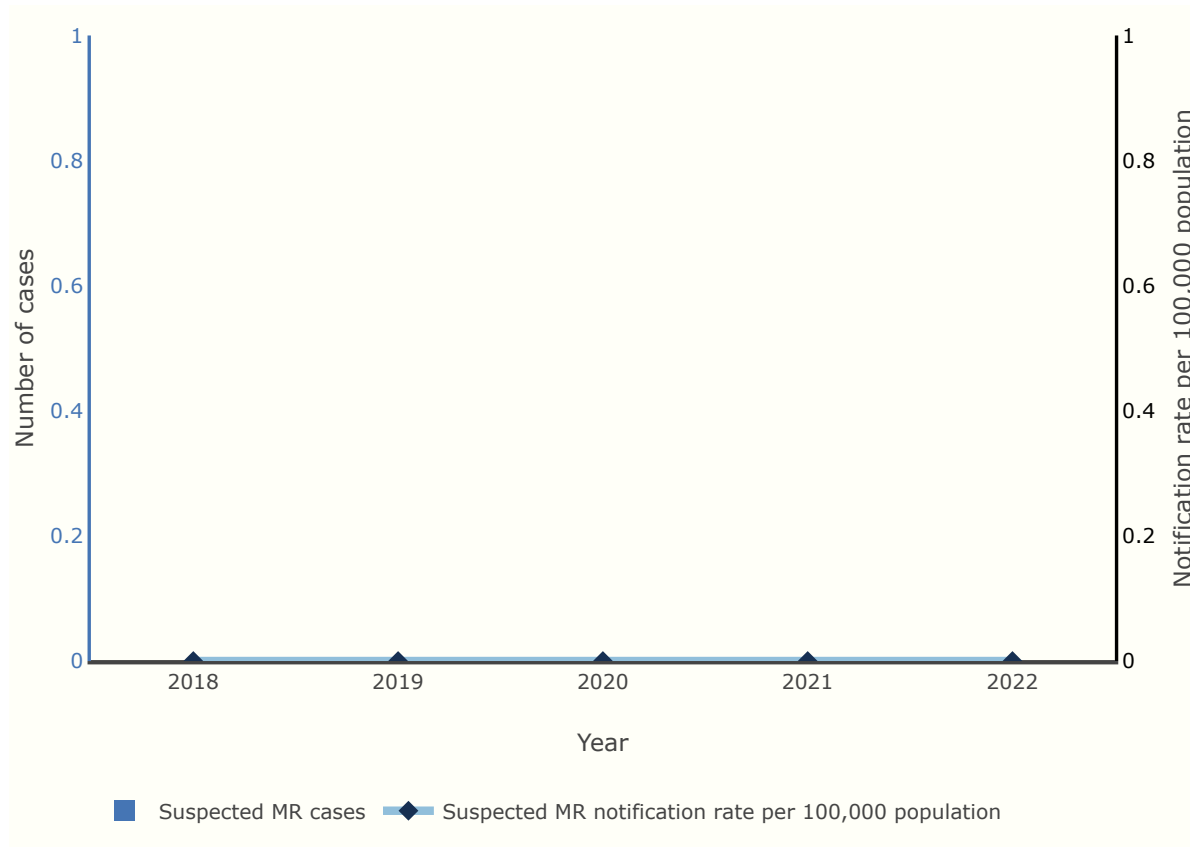Figure 1: Distribution of suspected MR cases and notification rate at the national level, 2018-2022.

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

	2018	2019	2020	2021	2022
Suspected MR cases	0	0	0	0	0
Suspected MR notification rate per 100,000 population	0	0	0	0	0

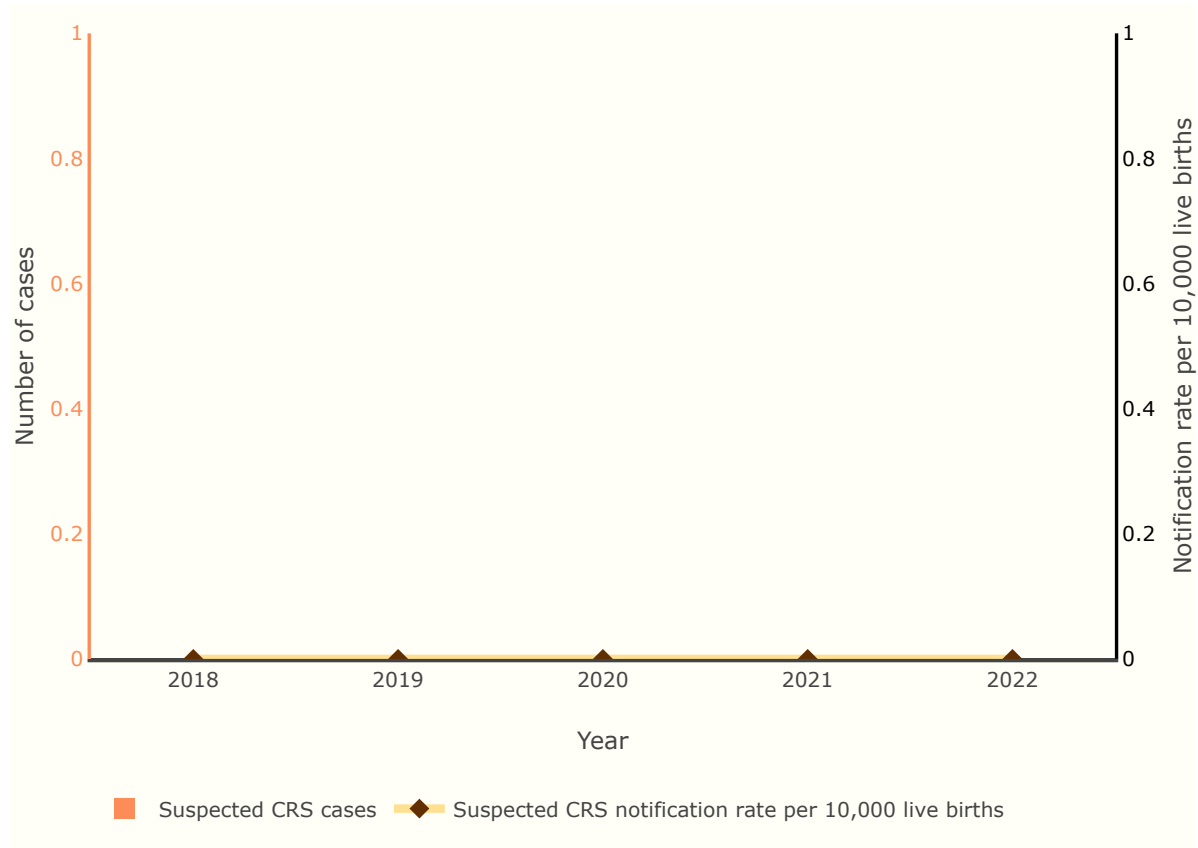Figure 2: Distribution of suspected CRS cases and notification rate at the national level, 2018-2022.

Table 6: 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

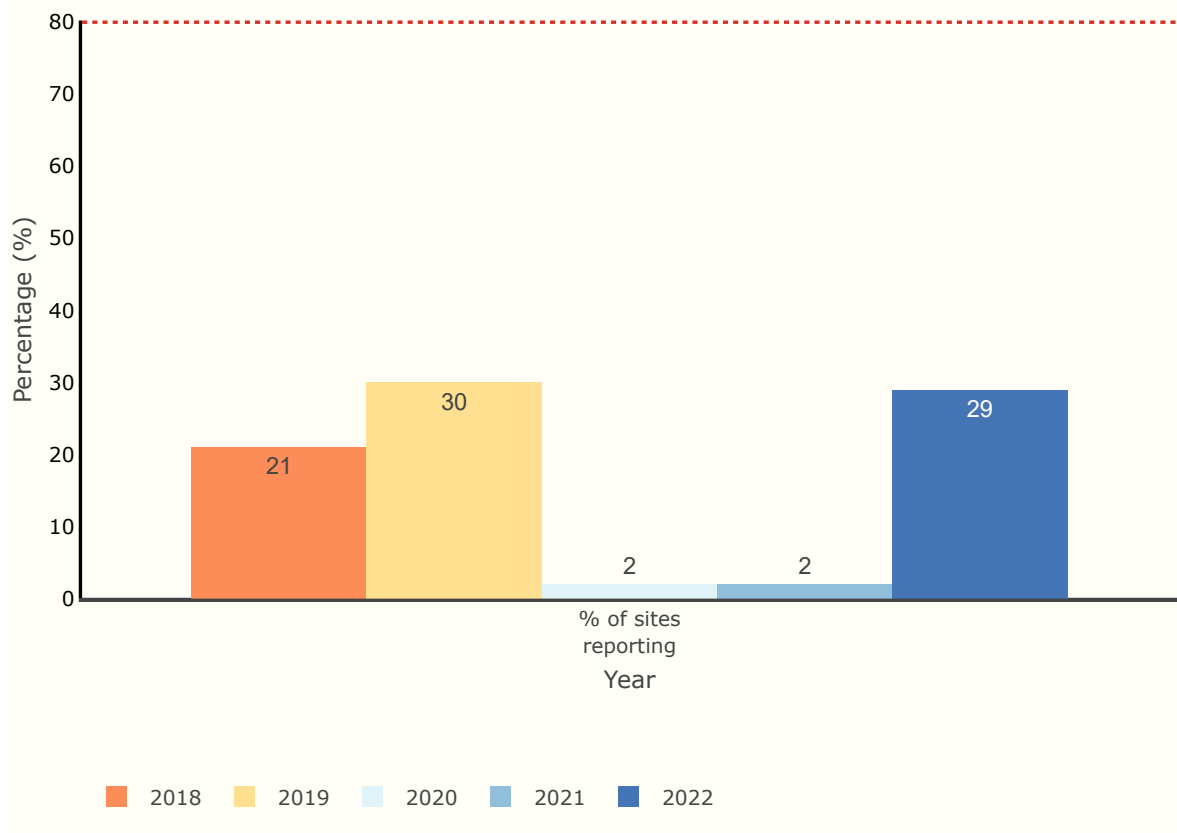Figure 3: Performance indicators of measles and rubella surveillance by year, 2018-2022.

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	4	0
2019	NA	4	0
2020	0	4	0
2021	NA	4	NA
2022	0	4	0

Laboratory Surveillance

No data to show.

Analysis of Vaccination Coverage and Population Cohorts

Figure 4: 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.
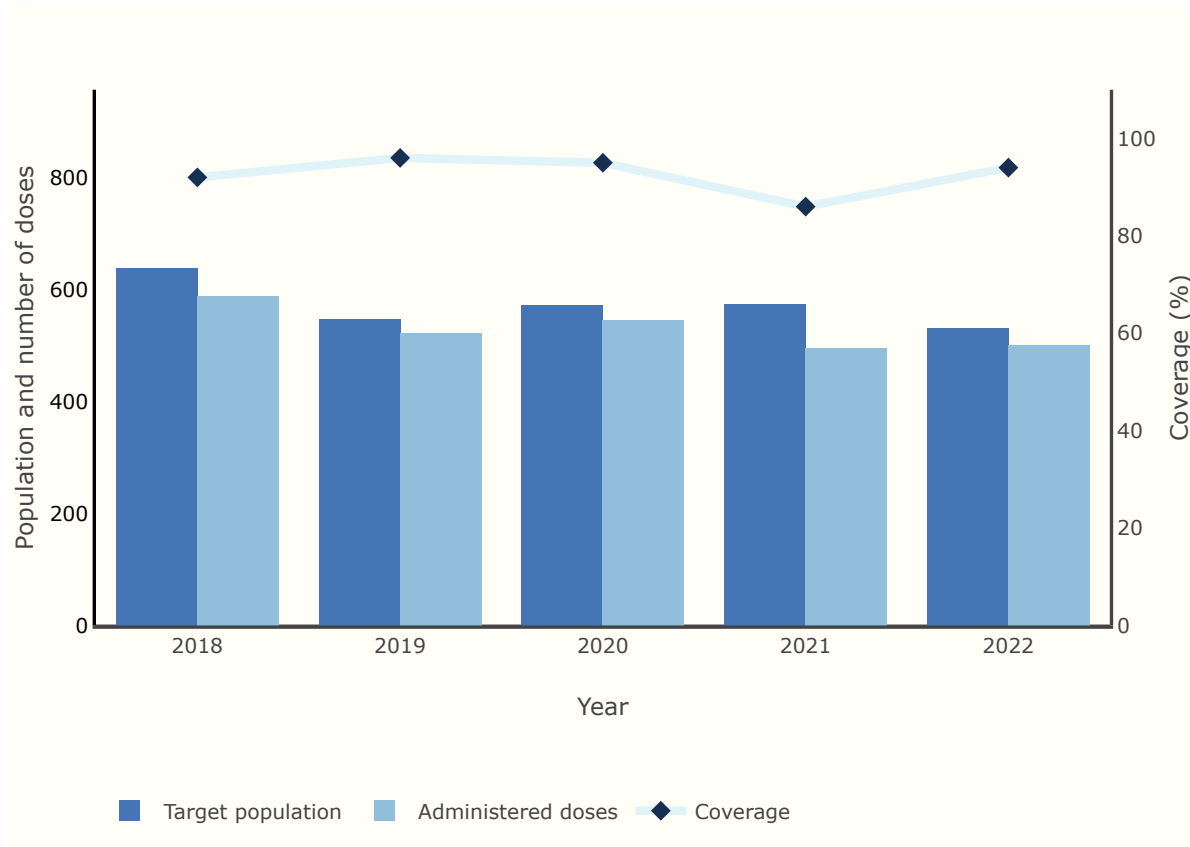
Figure 5: Coverage of the second dose of measles-mumps-rubella (MMR2) vaccine, number of doses administered, and number of children 3 year(s) of age, 2018-2022.
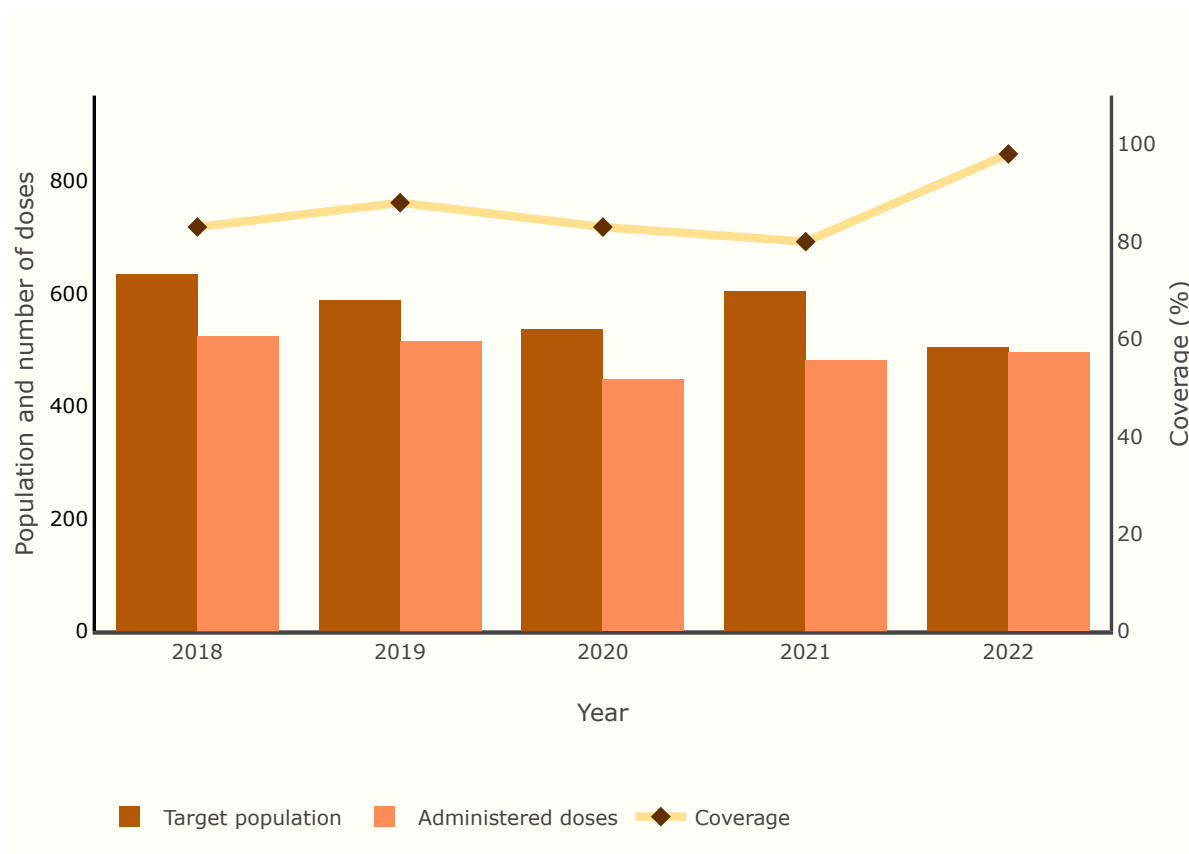
Table 8: Vaccination coverage with first and second dose of measles-mumps-rubella (MMR1 and MMR2) vaccines by target population and administered doses, 2018-2022.

Year	MMR1			MMR2		
	Administered doses	Target population	Coverage	Administered doses	Target population	Coverage
2018	588	638	92	525	635	83
2019	523	547	96	516	589	88
2020	545	572	95	448	537	83
2021	495	574	86	482	605	80
2022	501	531	94	496	506	98

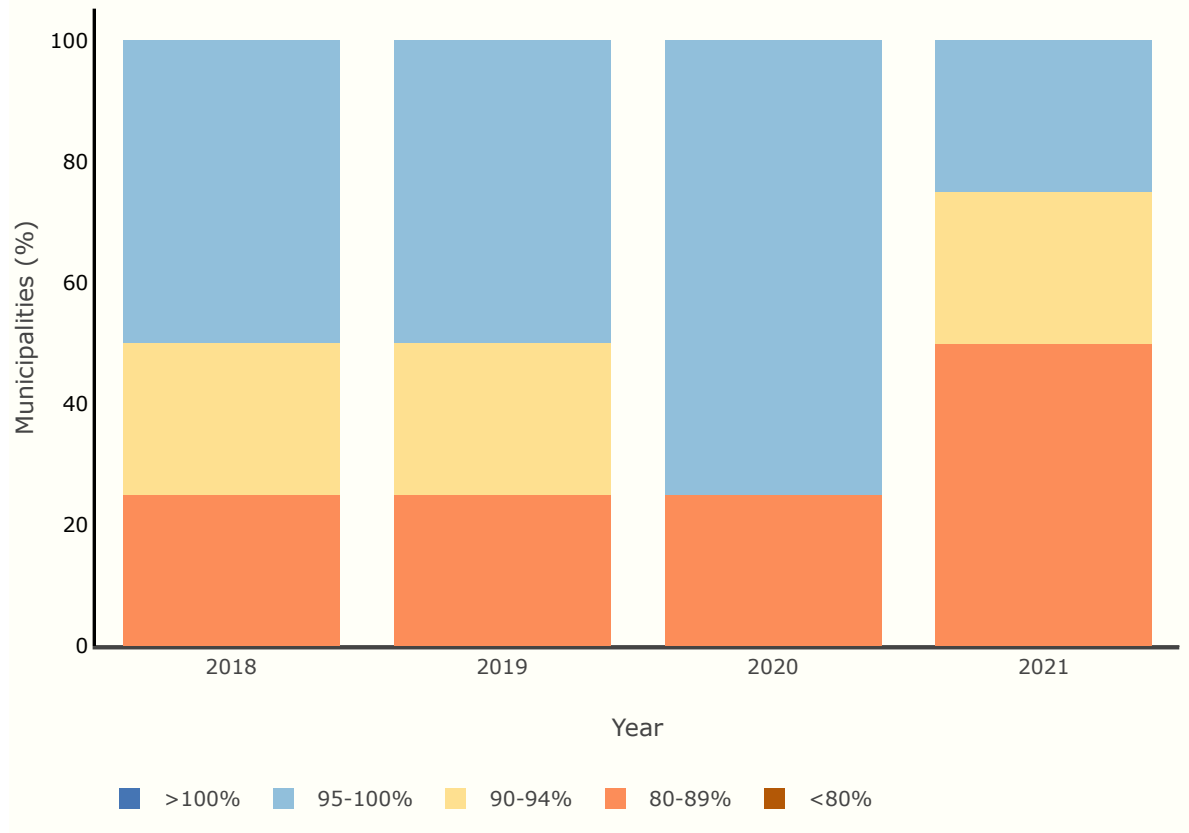Figure 6: Proportion of municipalities by MMR1 vaccination coverage ranges, 2018-2022.

Figure 7: Proportion of children living in those municipalities for MMR1 vaccination coverage ranges, 2018-2022.
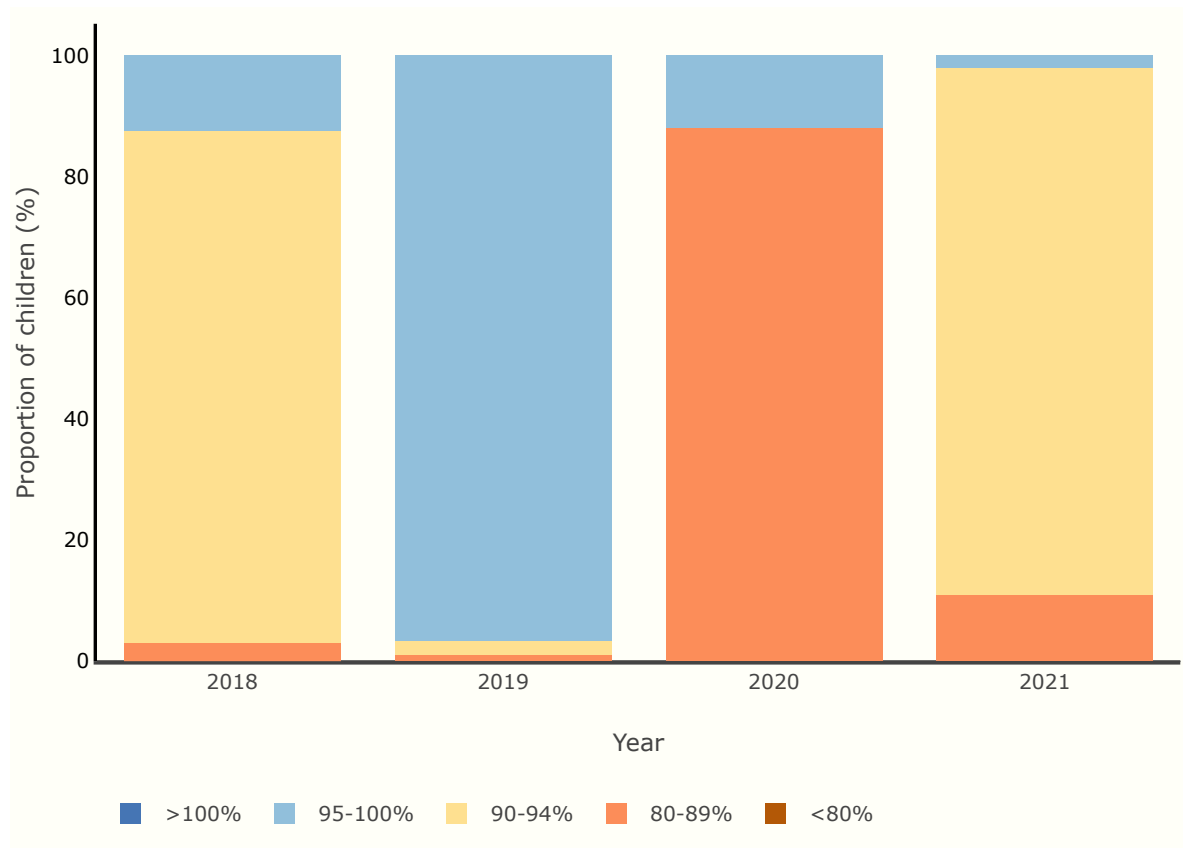
Figure 8: Proportion of municipalities by MMR2 vaccination coverage ranges, 2018-2022.
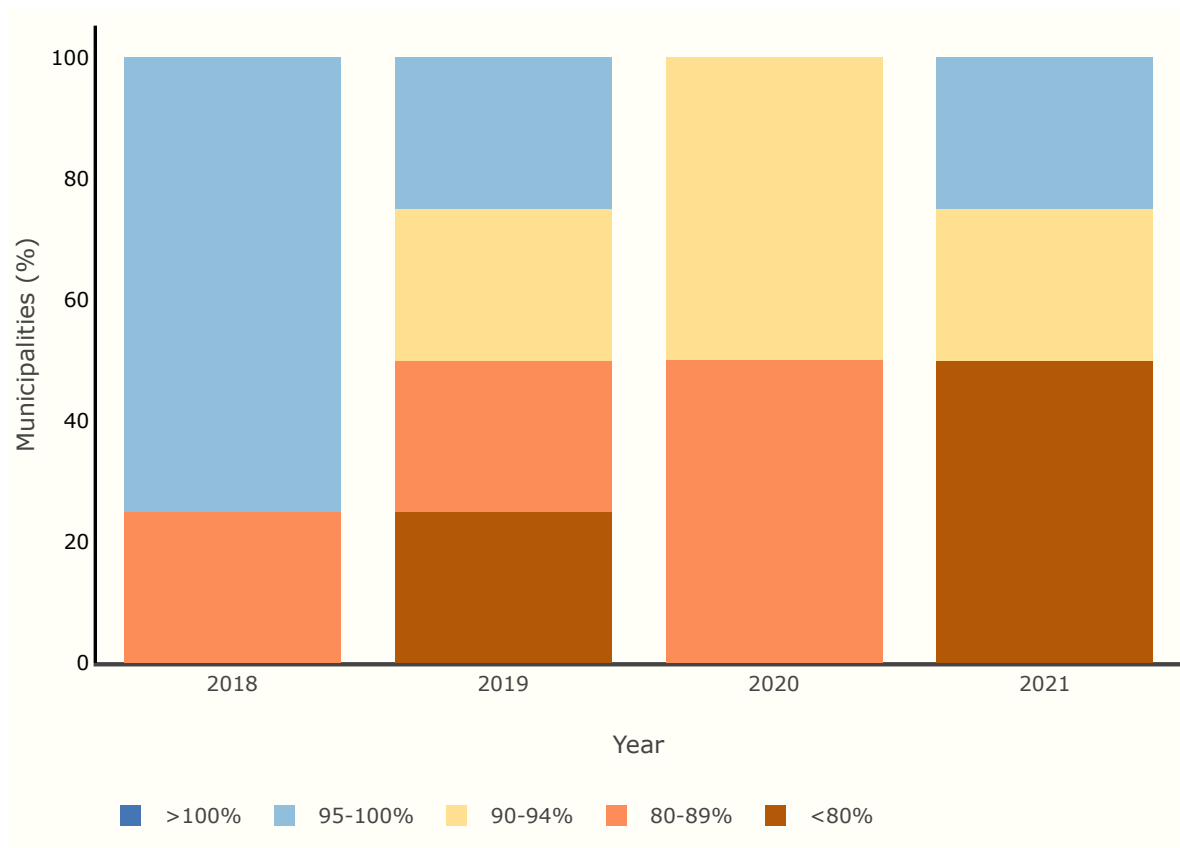
Figure 9: Proportion of children living in those municipalities for MMR2 vaccination coverage ranges, 2018-2022.
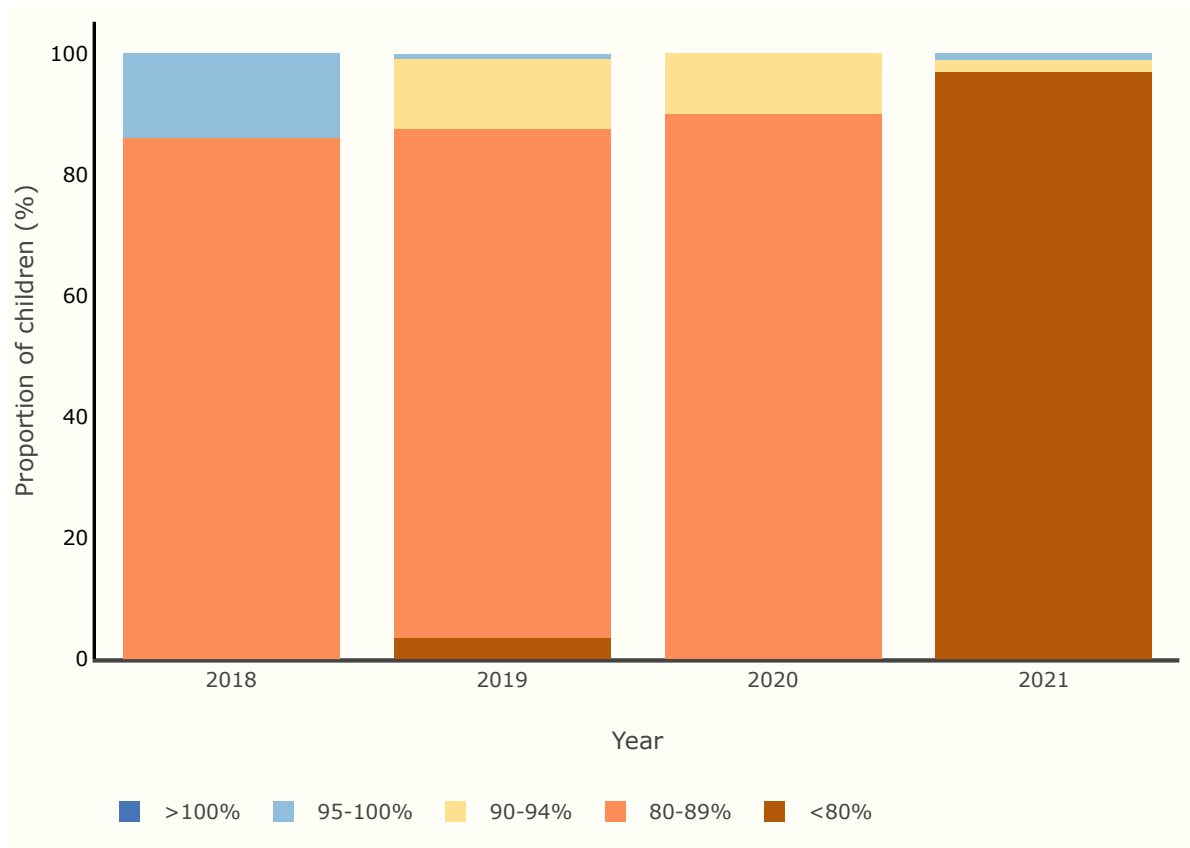

Table 9: Proportion of municipalities with MMR1 and MMR2 coverage ranges and proportion of children living in those municipalities, 2018-2022.

| Year | Coverage range (%) | MMR1 | | MMR2 | |
		MMR1	MMR2	MMR1	MMR2
2022	<80	NA	NA	NA	NA
2022	80-89	NA	NA	NA	NA
2022	90-94	NA	NA	NA	NA
2022	95-100	NA	NA	NA	NA
2022	>100	NA	NA	NA	NA
2021	<80	0	50	0.0	97.0
2021	80-89	50	0	11.0	0.0
2021	90-94	25	25	87.0	2.0

2021	95-100	25	25	2.0	1.0
2021	>100	0	0	0.0	0.0
2020	<80	0	0	0.0	0.0
2020	80-89	25	50	88.0	90.0
2020	90-94	0	50	0.0	10.0
2020	95-100	75	0	12.0	0.0
2020	>100	0	0	0.0	0.0
2019	<80	0	25	0.0	3.6
2019	80-89	25	25	1.1	84.0
2019	90-94	25	25	2.2	11.5
2019	95-100	50	25	96.7	0.8
2019	>100	0	0	0.0	0.0
2018	<80	0	0	0.0	0.0
2018	80-89	25	25	3.0	86.1
2018	90-94	25	0	84.6	0.0
2018	95-100	50	75	12.4	13.9
2018	>100	0	0	0.0	0.0

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).