



## International Research Journal of Public Health (ISSN:2573-380X)



# Vaccinal Coverage of the Viral Triple in Cases of Measles in the Period 2016 to 2019 in Brazil

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### ABSTRACT

**Objectives:** Describe vaccination coverage and measles incidence in Brazil from 2016 to 2019. **Methods:** Quantitative, descriptive and retrospective study of confirmed cases of measles and vaccination coverage in the last 04 years, in the regions of Brazil. The data were exported from epidemiological bulletins from all regions, made available by the Ministry of Health and State Health Secretariats. Immunization data were collected using Tabnet/DATASUS, and organized in Microsoft Office Excel® (2019). **Results:** During 2016-2017, Brazil did not report confirmed measles cases. In 2018, 10,322 cases were recorded, with a prevalence of 10.245 (99.25%) in the North, followed by the South 46 (0.44%) and Southeast 23 (0.22%). In 2019, 20,901 cases were recorded, with the Southeast region having the highest incidence, 18.426 (88.15%), followed by the South region with 1.468 (7.02%). Between 2016-2019, the vaccination average was 84.05%. In this period, the North region reached the lowest coverage, 75.79%, followed by the Northeast region, 80.31%. In 2018, the highest incidence of cases was observed in the North region, due to the lower vaccination coverage obtained in the last 4 years. In 2019, the majority of cases were in the Southeast region, because despite the satisfactory vaccination coverage, the disease spreads more easily in large urban centers. **Conclusion:** Despite the increase in vaccination campaigns, Brazil has not reached the minimum number of vaccinations, in the last 4 years, to obtain herd immunity, increasing the manifestation of the disease in the last 2 years.

**Keywords:** Vaccine Coverage. Measles. Triple Viral. Incidence.

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### How to cite this article:

Esther Gomes Muniz Rocha, Josué Miguel de Oliveira, Maria Eduarda Teperino Abreu, Kelly Cristina Pereira de Araújo, Keilla Barbosa de Souza, Thais Ranielle Souza de Oliveira. Vaccinal Coverage of the Viral Triple in Cases of Measles in the Period 2016 to 2019 in Brazil. International Research Journal of Public Health, 2021; 5:57.

 **eSciPub**  
eSciPub LLC, Houston, TX USA.  
Website: <https://escipub.com/>

- Title: International Research Journal of Public Health
- ISSN: 2573-380X
- DOI: 10.28933/IRJPH
- IF: 1.36 (citefactor)
- Email: IRJPH@escipub.com
- TEL: +1-281-656-1158



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