

## Release Statement

### 2019 estimates of the numbers of un- and under- vaccinated children under the age of one for DTP1/DTP3/MCV1.

2/11/2021

Description: Estimated total number of un- and under- vaccinated children under the age of one per 1km grid-cell for DTP1/DTP3/MCV1 in 2019. The projection is Geographic Coordinate System, WGS84. The units are number of un- and under-vaccinated children under the age of one per pixel.

#### Release content:

1. unvaxPU1\_dtp1.tif
2. unvaxPU1\_dtp3.tif
3. unvaxPU1\_mcv1.tif

#### File descriptions:

**unvaxPU1\_dtp1.tif** - children the age of one in 2019 not receiving the first dose of the diphtheria, tetanus toxoids and pertussis (DTP1)

**unvaxPU1\_dtp3.tif** - children the age of one in 2019 not receiving the third dose of the diphtheria, tetanus toxoids and pertussis (DTP3)

**unvaxPU1\_mcv1.tif** - children the age of one in 2019 not receiving the first dose of the measles containing vaccine (MCV1).

#### Source data:

- Low- and middle-income country vaccination coverage estimates for 2019, IHME [1-2].
- Estimated total number of people per 1km grid square in 2019, WorldPop [3].

#### References:

1. Galles, N.C. et al. (2021) "Measuring routine childhood vaccination coverage in 204 countries and territories, 1980–2019: a systematic analysis for the Global Burden of Disease Study 2020, Release 1," *The Lancet*, 398(10299), pp. 503–521. doi:10.1016/S0140-6736(21)00984-3/ATTACHMENT/3851708D-F43C-49BC-954D-CE40609B76F4/MMC1.PDF.
2. Sbarra, A.N. et al. (2021) "Mapping routine measles vaccination in low- and middle-income countries," *Nature*, 589(7842), pp. 415–419. doi:10.1038/s41586-020-03043-4.
3. WorldPop (2021) Population Counts. Available at: <https://www.worldpop.org/geodata/summary?id=24776> (Accessed: December 2, 2021).

#### Suggested citation:

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