

Investigative Outbreak Report. Dynamical Fever

Problem: A disease called Dynamical Fever (DF) causes near-annual outbreaks in dogs and people in Madagascar. DF became a reportable disease in Madagascar in 2016, a veterinary vaccine became available in 2018 and a human vaccine in 2021. Investigate the available case data from 2016-2023 in order to advise the Ministry of Health on the most effective human/dog vaccination policy to adopt in 2024 to promote elimination of DF in all populations.

| | Humans | | | | | Dogs | | | | |
|------|--------------------|-----------------------------|-------------------------|---|------------------|--------------------|-----------------------------|-------------------------|---|------------------|
| Year | Week of Case Onset | Total Number Cases Observed | Shape of Epidemic Curve | % Population Vaccinated in Preceding Year | Additional Notes | Week of Case Onset | Total Number Cases Observed | Shape of Epidemic Curve | % Population Vaccinated in Preceding Year | Additional Notes |
| 2016 | | | | | | | | | | |
| 2017 | | | | | | | | | | |
| 2018 | | | | | | | | | | |
| 2019 | | | | | | | | | | |
| 2020 | | | | | | | | | | |
| 2021 | | | | | | | | | | |
| 2022 | | | | | | | | | | |
| 2023 | | | | | | | | | | |

Recommendations to the Ministry for 2024: