

Globally, dose wastage could be up to 1.1B COVID-19 vaccine doses

Global flow of supply and potential waste* of COVID-19 vaccine doses over time

Analysis of produced and supplied doses has been used to calculate potential wastage throughout the pandemic. Doses wastage is estimated to be around 10% of the supply that was produced 6 months prior. This comes after the USA have confirmed around 10% wastage, with GAVI also estimating that 10% of vaccines are likely to go to waste. This figure highlights the likely significant underreporting of inevitable wastage globally.

Limitations:

- Based on publicly announced deliveries, of COVID-19 vaccines.
- Assumed 10% wastage rate is applied from June 2021, based on average vaccine shelf life of 6 months.

