

DOH ACTIVE CASES NOV 27, 2021

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Analysis of DOH Active Cases as of Nov 27, 2021

As of November 27, 2021, the DOH bulletin reported 17,052 active cases, of which only 54.9% were either mild or asymptomatic. With moderate, severe and critical cases (**MSC** for short) accounting for 45% of active cases, the question was why the percentage of MSC cases is so high. For example, if we compare with the DOH case bulletin on July 27, 2021, only 5.2% of active cases were in the MSC group. The table below lists the breakdown of active cases in the database by date of report. We note that 1,418 cases were dated in 2020, of which 1,124 or 79% were in the MSC group. From January 2021 until June 2021, the number of cases still active was 1,781, of which 1,000 or 56% were from the MSC group. The third quarter of 2021, from July to September 2021, included 4,916 still active cases, of which 4,268 or 87% were in the MSC group. This means that 8.3% of active cases were 2020 cases, 10.4% were reported in the first half of 2021, and 28.8% were reported in the third quarter of 2021. Most of these cases should have already been resolved, i.e. tagged as recovered or died. Of the 8,115 active cases with date of reporting from March 2020 to September 2021, 6,392 or 78.8% were in the MSC group. Except in extreme circumstances, cases generally resolve within one to two months. As an illustration, if we exclude cases dating from March 2020 to September 2021 from the list of active cases, and only count cases reported October to November 2021, **the number of active cases in the database would decrease from 17,052 to 8,937**, or a reduction of 48%.

ACTIVE CASES	Asymptomatic	Mild	Moderate	Severe	Critical
2020	9	285	44	439	641
Jan to June 2021	156	625	516	404	80
July to Sept 2021	172	476	2661	1311	296
Oct 2021	53	124	396	268	53
Nov 2021	787	6840	265	139	12
TOTAL	1177	8350	3882	2561	1082

In a data set where only active cases from October to November 2021 are counted, the percentage of cases would be as follows: **Asymptomatic - 9%, Mild - 78%, Moderate - 7%, Severe - 5% and Critical - 1%**. This distribution is close to being consistent with the distribution of cases by status typically observed in the Philippines. While we understand that the database depends on the reporting from all over the country, it is important to analyze the distribution of new and old active cases in order to understand that there has been no major shift in the health status of Covid-19 cases, and that majority of cases are still in the mild and asymptomatic category once old cases have been resolved. [Data Source: DOH DataDrop]