

Comparing COVID-19 Waves in India

data through September 23

| STATS | WAVE 1 | | WAVE 2 |
|---|--|---|--|
| | MARCH 24, 2020 - FEBRUARY 14, 2021 | JUNE 3, 2020 - FEBRUARY 14, 2021 | FEBRUARY 15, 2021 - SEPTEMBER 23, 2021 |
| Maximum # Daily New Cases | 97,860 (September 16) | 97,860 (September 16) | 414,280 (May 6) |
| Maximum Effective R | 3.61 (March 24, daily = 74, total = 571) | 1.34 (July 25, daily = 50,072, total = 1,387,088) | 1.65 (March 21, daily = 47,009, total = 11,645,641) |
| Maximum # Daily reported deaths | 2,004 (June 16, reporting blip); 1,281 (September 15) | 2,004 (June 16, reporting blip); 1,281 (September 15) | 6,139 (June 9) |
| Maximum daily TPR | 15.7% (July 19: 40,235 cases, 256,039 tests) | 15.7% (July 19: 40,235 cases, 256,039 tests) | 25.3% (April 25: 354,658 cases, 1,402,367 tests) |
| Maximum # Daily tests done | 1,492,409 (September 24) | 1,492,409 (September 24) | 3,740,296 (June 4) |
| Total # cases during this period | 10,904,199 | 10,472,030 | 22,688,594 |
| Total # deaths during this period | 155,078 | 142,518 | 290,722 |
| Case fatality rates | 1.4% | 1.4% | 1.3% |
| Biggest 30-day relative increase in cases | 25.14x, 2413.70% (73 on March 26 to 1,835 on April 25) | 3.36x, 236.29% (13,560 on June 22 to 45,601 on July 22) | 8.22x, 722.48% (15,353 on March 8 to 126,276 on April 7) |
| Biggest 30-day relative increase in deaths | 59.00x, 5800.00% (1 on March 25 to 59 on April 24) | 3.62x, 262.18% (312 on June 22 to 1,130 on July 22) | 13.71x, 1270.68% (266 on March 29 to 3,646 on April 28) |
| Biggest 30-day relative increase in TPR | 2.70x, 169.89% (3.25% on May 1 to 8.77% on May 31) | 2.02x, 102.42% (7.76% on June 19 to 15.71% on July 19) | 5.26x, 426.07% (3.86% on March 19 to 20.28% on April 18) |
| Biggest 30-day relative increase in daily tests | 20.76x, 1975.84% (1,987 on March 24 to 41,247 on April 23) | 3.43x, 243.12% (180,596 on July 5 to 619,652 on August 4) | 2.37x, 136.89% (1,541,299 on May 4 to 3,651,198 on June 3) |