## **Assessing COVID-19 in India**

data through December 2

**CFR** 

0.014

TOTAL DEATHS

469,724

**LOCATION** 

India

TOTAL CASES

34,606,541

**CUMULATIVE METRICS** 

TOTAL DOSES

1,253,167,157

% POP. WITH AT LEAST ONE

SHOT

57.90

34.45

72.42

115.07

85.96

74.82

25.63

58.62

75.40

76.99

65.55

% POP. WITH

TWO SHOTS

33.81

Kerala 5,147,219 40,535 0.008 43,413,831 50.35 73.25   Karnataka 2,996,470 38,213 0.013 75,915,586 46.63 68.75   Tamil Nadu 2,727,635 36,492 0.013 71,033,872 33.50 60.34   Andhra Pradesh 2,073,093 14,443 0.007 60,335,940 48.19 67.35   Uttar Pradesh 1,710,405 22,911 0.013 164,892,476 22.93 50.36   West Bengal 1,616,751 19,498 0.012 93,602,507 31.09 65.50   Delhi 1,440,973 25,098 0.017 22,963,695 45.41 70.48   Odisha 1,048,345 8,413 0.008 44,052,468 36.85 64.03   Chhattisgarh 1,006,833 13,593 0.014 24,052,468 36.85 64.03   Rajasthan 954,806 8,955 0.009 69,208,592 33.05 56.52   Gujarat 827,520 10,093 0.012 </th <th></th> <th>- 1, , - 1 1</th> <th>,</th> <th></th> <th>.,,,,</th> <th></th> <th></th>		- 1, , - 1 1	,		.,,,,		
Karnataka 2,996,470 38,213 0.013 75,915,586 46.63 68,75   Tamil Nadu 2,727,635 36,492 0.013 71,033,872 33.50 60.34   Andhra Pradesh 2,073,093 14,443 0.007 60,335,940 48.19 67.35   Uttar Pradesh 1,710,405 22,911 0.013 164,892,476 22.93 50.36   West Bengal 1,616,751 19,498 0.012 93,602,507 31.09 65.50   Delhi 1,440,973 25,098 0.017 22,963,695 45.41 70.48   Odisha 1,049,345 8,413 0.008 44,052,468 36.85 64.03   Chhattisgarh 1,006,833 13,593 0.014 26,202,843 33.56 57.66   Rajasthan 954,806 8,955 0.009 69,208,592 33.05 56.52   Gujarat 827,520 10,093 0.012 81,923,479 53.02 67.57   Madhya Pradesh 793,187 10,528 0	Maharashtra	6,636,425	141,025	0.021	116,192,522	33.69	61.43
Tamil Nadu 2,727,635 36,492 0.013 71,033,872 33.50 60.34   Andhra Pradesh 2,073,093 14,443 0.007 60,335,940 48.19 67.35   Uttar Pradesh 1,710,405 22,911 0.013 164,892,476 22.93 50.36   West Bengal 1,616,751 19,498 0.012 93,602,507 31.09 65.50   Delhi 1,440,973 25,098 0.017 22,963,695 45.41 70.48   Odisha 1,049,345 8,413 0.008 44,052,468 36.85 64.03   Chhattisgarh 1,006,833 13,593 0.014 26,202,843 33.56 57.66   Rajasthan 954,806 8,955 0.009 69,208,592 33.05 56.52   Gujarat 827,520 10,093 0.012 81,923,479 53.02 67.57   Madhya Pradesh 793,187 10,528 0.013 88,768,862 45.61 62.34   Haryana 771,733 10,054 0.013	Kerala	5,147,219	40,535	0.008	43,413,831	50.35	73.25
Andhra Pradesh 2,073,093 14,443 0.007 60,335,940 48.19 67.35   Uttar Pradesh 1,710,405 22,911 0.013 164,892,476 22.93 50.36   West Bengal 1,616,751 19,498 0.012 93,602,507 31.09 65.50   Delhi 1,440,973 25,098 0.017 22,963,695 45.41 70.48   Odisha 1,049,345 8,413 0.008 44,052,468 36.85 64.03   Chhattisgarh 1,006,833 13,593 0.014 26,202,843 33.56 57.66   Rajasthan 954,806 8,955 0.009 69,208,592 33.05 56.52   Gujarat 827,520 10,093 0.012 81,923,479 53.02 67.57   Madhya Pradesh 793,187 10,528 0.013 88,768,862 45.61 62.34   Haryana 771,733 10,054 0.013 28,948,933 35.90 65.07   Bihar 726,225 9,663 0.013	Karnataka	2,996,470	38,213	0.013	75,915,586	46.63	68.75
Uttar Pradesh 1,710,405 22,911 0.013 164,892,476 22.93 50.36   West Bengal 1,616,751 19,498 0.012 93,602,507 31.09 65.50   Delhi 1,440,973 25,098 0.017 22,963,695 45.41 70.48   Odisha 1,049,345 8,413 0.008 44,052,468 36.85 64.03   Chhattisgarh 1,006,833 13,593 0.014 26,202,843 33.56 57.66   Rajasthan 954,806 8,955 0.009 69,208,592 33.05 56.52   Gujarat 827,520 10,093 0.012 81,923,479 53.02 67.57   Madhya Pradesh 793,187 10,528 0.013 88,768,862 45.61 62.34   Haryana 771,733 10,054 0.013 28,948,933 35.90 65.07   Bihar 726,225 9,663 0.013 83,059,080 23.67 45.82   Telangana 676,187 3,993 0.006 <t< th=""><th>Tamil Nadu</th><th>2,727,635</th><th>36,492</th><th>0.013</th><th>71,033,872</th><th>33.50</th><th>60.34</th></t<>	Tamil Nadu	2,727,635	36,492	0.013	71,033,872	33.50	60.34
West Bengal 1,616,751 19,498 0.012 93,602,507 31.09 65.50   Delhi 1,440,973 25,098 0.017 22,963,695 45.41 70.48   Odisha 1,049,345 8,413 0.008 44,052,468 36.85 64.03   Chhattisgarh 1,006,833 13,593 0.014 26,202,843 33.56 57.66   Rajasthan 954,806 8,955 0.009 69,208,592 33.05 56.52   Gujarat 827,520 10,093 0.012 81,923,479 53.02 67.57   Madhya Pradesh 793,187 10,528 0.013 88,768,862 45.61 62.34   Haryana 771,733 10,054 0.013 28,948,933 35.90 65.07   Bihar 726,225 9,663 0.013 83,059,080 23.67 45.82   Telangana 676,187 3,993 0.006 38,230,591 35.13 67.58   Assam 617,039 6,108 0.010 33,593,654	Andhra Pradesh	2,073,093	14,443	0.007	60,335,940	48.19	67.35
Delhi 1,440,973 25,098 0.017 22,963,695 45.41 70.48   Odisha 1,049,345 8,413 0.008 44,052,468 36.85 64.03   Chhattisgarh 1,006,833 13,593 0.014 26,202,843 33.56 57.66   Rajasthan 954,806 8,955 0.009 69,208,592 33.05 56.52   Gujarat 827,520 10,093 0.012 81,923,479 53.02 67.57   Madhya Pradesh 793,187 10,528 0.013 88,768,862 45.61 62.34   Haryana 771,733 10,054 0.013 28,948,933 35.90 65.07   Bihar 726,225 9,663 0.013 28,948,933 35.90 65.07   Assam 617,039 6,108 0.010 33,593,654 35.91 62.05   Punjab 603,320 16,605 0.028 24,325,865 25.89 55.58   Jharkhand 344,303 7,408 0.022 12,802,707	Uttar Pradesh	1,710,405	22,911	0.013	164,892,476	22.93	50.36
Odisha 1,049,345 8,413 0.008 44,052,468 36.85 64.03   Chhattisgarh 1,006,833 13,593 0.014 26,202,843 33.56 57.66   Rajasthan 954,806 8,955 0.009 69,208,592 33.05 56.52   Gujarat 827,520 10,093 0.012 81,923,479 53.02 67.57   Madhya Pradesh 793,187 10,528 0.013 88,768,862 45.61 62.34   Haryana 771,733 10,054 0.013 28,948,933 35.90 65.07   Bihar 726,225 9,663 0.013 83,059,080 23.67 45.82   Telangana 676,187 3,993 0.006 38,230,591 35.13 67.58   Assam 617,039 6,108 0.010 33,593,654 35.91 62.05   Punjab 603,320 16,605 0.028 24,325,865 25.89 55.58   Jharkhand 344,303 7,408 0.022 12,802,707	West Bengal	1,616,751	19,498	0.012	93,602,507	31.09	65.50
Chhattisgarh 1,006,833 13,593 0.014 26,202,843 33.56 57.66   Rajasthan 954,806 8,955 0.009 69,208,592 33.05 56.52   Gujarat 827,520 10,093 0.012 81,923,479 53.02 67.57   Madhya Pradesh 793,187 10,528 0.013 88,768,862 45.61 62.34   Haryana 771,733 10,054 0.013 28,948,933 35.90 65.07   Bihar 726,225 9,663 0.013 83,059,080 23.67 45.82   Telangana 676,187 3,993 0.006 38,230,591 35.13 67.58   Assam 617,039 6,108 0.010 33,593,654 35.91 62.05   Punjab 603,320 16,605 0.028 24,325,865 25.89 55.58   Jharkhand 349,256 5,140 0.015 24,766,195 21.56 44.66   Uttarakhand 344,303 7,408 0.022 12,802,707 <th>Delhi</th> <th>1,440,973</th> <th>25,098</th> <th>0.017</th> <th>22,963,695</th> <th>45.41</th> <th>70.48</th>	Delhi	1,440,973	25,098	0.017	22,963,695	45.41	70.48
Rajasthan 954,806 8,955 0.009 69,208,592 33.05 56.52   Gujarat 827,520 10,093 0.012 81,923,479 53.02 67.57   Madhya Pradesh 793,187 10,528 0.013 88,768,862 45.61 62.34   Haryana 771,733 10,054 0.013 28,948,933 35.90 65.07   Bihar 726,225 9,663 0.013 83,059,080 23.67 45.82   Telangana 676,187 3,993 0.006 38,230,591 35.13 67.58   Assam 617,039 6,108 0.010 33,593,654 35.91 62.05   Punjab 603,320 16,605 0.028 24,325,865 25.89 55.58   Jharkhand 349,256 5,140 0.015 24,766,195 21.56 44.66   Uttarakhand 344,303 7,408 0.022 12,802,707 46.69 68.23   Jammu and Kashmir 337,086 4,477 0.013 16,759,245<	Odisha	1,049,345	8,413	0.008	44,052,468	36.85	64.03
Gujarat 827,520 10,093 0.012 81,923,479 53.02 67.57   Madhya Pradesh 793,187 10,528 0.013 88,768,862 45.61 62.34   Haryana 771,733 10,054 0.013 28,948,933 35.90 65.07   Bihar 726,225 9,663 0.013 83,059,080 23.67 45.82   Telangana 676,187 3,993 0.006 38,230,591 35.13 67.58   Assam 617,039 6,108 0.010 33,593,654 35.91 62.05   Punjab 603,320 16,605 0.028 24,325,865 25.89 55.58   Jharkhand 349,256 5,140 0.015 24,766,195 21.56 44.66   Uttarakhand 344,303 7,408 0.022 12,802,707 46.69 68.23   Jammu and Kashmir 337,086 4,477 0.013 16,759,245 54.16 72.78   Himachal Pradesh 227,269 3,849 0.017 11,0	Chhattisgarh	1,006,833	13,593	0.014	26,202,843	33.56	57.66
Madhya Pradesh 793,187 10,528 0.013 88,768,862 45.61 62.34   Haryana 771,733 10,054 0.013 28,948,933 35.90 65.07   Bihar 726,225 9,663 0.013 83,059,080 23.67 45.82   Telangana 676,187 3,993 0.006 38,230,591 35.13 67.58   Assam 617,039 6,108 0.010 33,593,654 35.91 62.05   Punjab 603,320 16,605 0.028 24,325,865 25.89 55.58   Jharkhand 349,256 5,140 0.015 24,766,195 21.56 44.66   Uttarakhand 344,303 7,408 0.022 12,802,707 46.69 68.23   Jammu and Kashmir 337,086 4,477 0.013 16,759,245 54.16 72.78   Himachal Pradesh 227,269 3,849 0.017 11,095,163 72.10 79.88   Goa 178,990 3,384 0.019 2,323,527	Rajasthan	954,806	8,955	0.009	69,208,592	33.05	56.52
Haryana 771,733 10,054 0.013 28,948,933 35.90 65.07   Bihar 726,225 9,663 0.013 83,059,080 23.67 45.82   Telangana 676,187 3,993 0.006 38,230,591 35.13 67.58   Assam 617,039 6,108 0.010 33,593,654 35.91 62.05   Punjab 603,320 16,605 0.028 24,325,865 25.89 55.58   Jharkhand 349,256 5,140 0.015 24,766,195 21.56 44.66   Uttarakhand 344,303 7,408 0.022 12,802,707 46.69 68.23   Jammu and Kashmir 337,086 4,477 0.013 16,759,245 54.16 72.78   Himachal Pradesh 227,269 3,849 0.017 11,095,163 72.10 79.88   Goa 178,990 3,384 0.019 2,323,527 67.45 83.43   Mizoram 135,450 501 0.004 1,298,182	Gujarat	827,520	10,093	0.012	81,923,479	53.02	67.57
Bihar 726,225 9,663 0.013 83,059,080 23.67 45.82   Telangana 676,187 3,993 0.006 38,230,591 35.13 67.58   Assam 617,039 6,108 0.010 33,593,654 35.91 62.05   Punjab 603,320 16,605 0.028 24,325,865 25.89 55.58   Jharkhand 349,256 5,140 0.015 24,766,195 21.56 44.66   Uttarakhand 344,303 7,408 0.022 12,802,707 46.69 68.23   Jammu and Kashmir 337,086 4,477 0.013 16,759,245 54.16 72.78   Himachal Pradesh 227,269 3,849 0.017 11,095,163 72.10 79.88   Goa 178,990 3,384 0.019 2,323,527 67.45 83.43   Mizoram 135,450 501 0.004 1,298,182 47.25 61.65   Pondicherry 128,965 1,873 0.015 1,255,259	Madhya Pradesh	793,187	10,528	0.013	88,768,862	45.61	62.34
Telangana 676,187 3,993 0.006 38,230,591 35.13 67.58   Assam 617,039 6,108 0.010 33,593,654 35.91 62.05   Punjab 603,320 16,605 0.028 24,325,865 25.89 55.58   Jharkhand 349,256 5,140 0.015 24,766,195 21.56 44.66   Uttarakhand 344,303 7,408 0.022 12,802,707 46.69 68.23   Jammu and Kashmir 337,086 4,477 0.013 16,759,245 54.16 72.78   Himachal Pradesh 227,269 3,849 0.017 11,095,163 72.10 79.88   Goa 178,990 3,384 0.019 2,323,527 67.45 83.43   Mizoram 135,450 501 0.004 1,298,182 47.25 61.65   Pondicherry 128,965 1,873 0.015 1,255,259 NA NA   Manipur 125,236 1,978 0.016 2,175,817	Haryana	771,733	10,054	0.013	28,948,933	35.90	65.07
Assam 617,039 6,108 0.010 33,593,654 35.91 62.05   Punjab 603,320 16,605 0.028 24,325,865 25.89 55.58   Jharkhand 349,256 5,140 0.015 24,766,195 21.56 44.66   Uttarakhand 344,303 7,408 0.022 12,802,707 46.69 68.23   Jammu and Kashmir 337,086 4,477 0.013 16,759,245 54.16 72.78   Himachal Pradesh 227,269 3,849 0.017 11,095,163 72.10 79.88   Goa 178,990 3,384 0.019 2,323,527 67.45 83.43   Mizoram 135,450 501 0.004 1,298,182 47.25 61.65   Pondicherry 128,965 1,873 0.015 1,255,259 NA NA   Manipur 125,236 1,978 0.016 2,175,817 28.67 41.45   Tripura 84,820 824 0.010 4,592,438 51	Bihar	726,225	9,663	0.013	83,059,080	23.67	45.82
Punjab 603,320 16,605 0.028 24,325,865 25.89 55.58   Jharkhand 349,256 5,140 0.015 24,766,195 21.56 44.66   Uttarakhand 344,303 7,408 0.022 12,802,707 46.69 68.23   Jammu and Kashmir 337,086 4,477 0.013 16,759,245 54.16 72.78   Himachal Pradesh 227,269 3,849 0.017 11,095,163 72.10 79.88   Goa 178,990 3,384 0.019 2,323,527 67.45 83.43   Mizoram 135,450 501 0.004 1,298,182 47.25 61.65   Pondicherry 128,965 1,873 0.015 1,255,259 NA NA   Manipur 125,236 1,978 0.016 2,175,817 28.67 41.45   Tripura 84,820 824 0.010 4,592,438 51.02 64.02   Meghalaya 84,510 1,473 0.017 1,989,623	Telangana	676,187	3,993	0.006	38,230,591	35.13	67.58
Jharkhand 349,256 5,140 0.015 24,766,195 21.56 44.66   Uttarakhand 344,303 7,408 0.022 12,802,707 46.69 68.23   Jammu and Kashmir 337,086 4,477 0.013 16,759,245 54.16 72.78   Himachal Pradesh 227,269 3,849 0.017 11,095,163 72.10 79.88   Goa 178,990 3,384 0.019 2,323,527 67.45 83.43   Mizoram 135,450 501 0.004 1,298,182 47.25 61.65   Pondicherry 128,965 1,873 0.015 1,255,259 NA NA   Manipur 125,236 1,978 0.016 2,175,817 28.67 41.45   Tripura 84,820 824 0.010 4,592,438 51.02 64.02   Meghalaya 84,510 1,473 0.017 1,989,623 25.40 36.31   Chandigarh 65,471 820 0.013 1,583,109 5	Assam	617,039	6,108	0.010	33,593,654	35.91	62.05
Uttarakhand 344,303 7,408 0.022 12,802,707 46.69 68.23   Jammu and Kashmir 337,086 4,477 0.013 16,759,245 54.16 72.78   Himachal Pradesh 227,269 3,849 0.017 11,095,163 72.10 79.88   Goa 178,990 3,384 0.019 2,323,527 67.45 83.43   Mizoram 135,450 501 0.004 1,298,182 47.25 61.65   Pondicherry 128,965 1,873 0.015 1,255,259 NA NA   Manipur 125,236 1,978 0.016 2,175,817 28.67 41.45   Tripura 84,820 824 0.010 4,592,438 51.02 64.02   Meghalaya 84,510 1,473 0.017 1,989,623 25.40 36.31   Chandigarh 65,471 820 0.013 1,583,109 54.24 80.03   Arunachal Pradesh 55,279 280 0.005 1,410,730 <	Punjab	603,320	16,605	0.028	24,325,865	25.89	55.58
Jammu and Kashmir 337,086 4,477 0.013 16,759,245 54.16 72.78   Himachal Pradesh 227,269 3,849 0.017 11,095,163 72.10 79.88   Goa 178,990 3,384 0.019 2,323,527 67.45 83.43   Mizoram 135,450 501 0.004 1,298,182 47.25 61.65   Pondicherry 128,965 1,873 0.015 1,255,259 NA NA   Manipur 125,236 1,978 0.016 2,175,817 28.67 41.45   Tripura 84,820 824 0.010 4,592,438 51.02 64.02   Meghalaya 84,510 1,473 0.017 1,989,623 25.40 36.31   Chandigarh 65,471 820 0.013 1,583,109 54.24 80.03   Arunachal Pradesh 55,279 280 0.005 1,410,730 40.88 52.92	Jharkhand	349,256	5,140	0.015	24,766,195	21.56	44.66
Himachal Pradesh 227,269 3,849 0.017 11,095,163 72.10 79.88   Goa 178,990 3,384 0.019 2,323,527 67.45 83.43   Mizoram 135,450 501 0.004 1,298,182 47.25 61.65   Pondicherry 128,965 1,873 0.015 1,255,259 NA NA   Manipur 125,236 1,978 0.016 2,175,817 28.67 41.45   Tripura 84,820 824 0.010 4,592,438 51.02 64.02   Meghalaya 84,510 1,473 0.017 1,989,623 25.40 36.31   Chandigarh 65,471 820 0.013 1,583,109 54.24 80.03   Arunachal Pradesh 55,279 280 0.005 1,410,730 40.88 52.92	Uttarakhand	344,303	7,408	0.022	12,802,707	46.69	68.23
Goa 178,990 3,384 0.019 2,323,527 67.45 83.43   Mizoram 135,450 501 0.004 1,298,182 47.25 61.65   Pondicherry 128,965 1,873 0.015 1,255,259 NA NA   Manipur 125,236 1,978 0.016 2,175,817 28.67 41.45   Tripura 84,820 824 0.010 4,592,438 51.02 64.02   Meghalaya 84,510 1,473 0.017 1,989,623 25.40 36.31   Chandigarh 65,471 820 0.013 1,583,109 54.24 80.03   Arunachal Pradesh 55,279 280 0.005 1,410,730 40.88 52.92	Jammu and Kashmir	337,086	4,477	0.013	16,759,245	54.16	72.78
Mizoram 135,450 501 0.004 1,298,182 47.25 61.65   Pondicherry 128,965 1,873 0.015 1,255,259 NA NA   Manipur 125,236 1,978 0.016 2,175,817 28.67 41.45   Tripura 84,820 824 0.010 4,592,438 51.02 64.02   Meghalaya 84,510 1,473 0.017 1,989,623 25.40 36.31   Chandigarh 65,471 820 0.013 1,583,109 54.24 80.03   Arunachal Pradesh 55,279 280 0.005 1,410,730 40.88 52.92	Himachal Pradesh	227,269	3,849	0.017	11,095,163	72.10	79.88
Pondicherry128,9651,8730.0151,255,259NANAManipur125,2361,9780.0162,175,81728.6741.45Tripura84,8208240.0104,592,43851.0264.02Meghalaya84,5101,4730.0171,989,62325.4036.31Chandigarh65,4718200.0131,583,10954.2480.03Arunachal Pradesh55,2792800.0051,410,73040.8852.92	Goa	178,990	3,384	0.019	2,323,527	67.45	83.43
Manipur 125,236 1,978 0.016 2,175,817 28.67 41.45   Tripura 84,820 824 0.010 4,592,438 51.02 64.02   Meghalaya 84,510 1,473 0.017 1,989,623 25.40 36.31   Chandigarh 65,471 820 0.013 1,583,109 54.24 80.03   Arunachal Pradesh 55,279 280 0.005 1,410,730 40.88 52.92	Mizoram	135,450	501	0.004	1,298,182	47.25	61.65
Tripura 84,820 824 0.010 4,592,438 51.02 64.02   Meghalaya 84,510 1,473 0.017 1,989,623 25.40 36.31   Chandigarh 65,471 820 0.013 1,583,109 54.24 80.03   Arunachal Pradesh 55,279 280 0.005 1,410,730 40.88 52.92	Pondicherry	128,965	1,873	0.015	1,255,259	NA	NA
Meghalaya 84,510 1,473 0.017 1,989,623 25.40 36.31   Chandigarh 65,471 820 0.013 1,583,109 54.24 80.03   Arunachal Pradesh 55,279 280 0.005 1,410,730 40.88 52.92	Manipur	125,236	1,978	0.016	2,175,817	28.67	41.45
Chandigarh 65,471 820 0.013 1,583,109 54.24 80.03   Arunachal Pradesh 55,279 280 0.005 1,410,730 40.88 52.92	Tripura	84,820	824	0.010	4,592,438	51.02	64.02
Arunachal Pradesh 55,279 280 0.005 1,410,730 40.88 52.92	Meghalaya	84,510	1,473	0.017	1,989,623	25.40	36.31
	Chandigarh	65,471	820	0.013	1,583,109	54.24	80.03
<b>Sikkim</b> 32,252 403 0.012 994,449 70.95 78.82	Arunachal Pradesh	55,279	280	0.005	1,410,730	40.88	52.92
	Sikkim	32,252	403	0.012	994,449	70.95	78.82

## 10,396 7,683 © COV-IND-19 Study Group

32,125

21,601

10,683

shown. States are omitted if they have missing case count data.

696

214

4

51

129

0.022

0.010

0.000

0.005

0.017

Notes: Cells highlighted in green indicates good performance for given metric while red indicates need for improvement. Only states/union territories with the highest cumulative case counts as of December 2 are

1,291,550

383,965

1,118,039

105,098

557,265

Nagaland

Ladakh

**Dadra and Nagar Haveli and Daman** 

and Diu

Lakshadweep

**Andaman and** 

**Nicobar Islands** 

Source data: covid19india.org

Abbrev: CFR, Case-fatality rate.