

**My Views on**

**NITI Aayog: Health Index 2019-20**

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**TABLES**

**Table 1: Health Index IV: 2019-20 and SDG3: Health, 2020-21**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **State/UT** | **Health Index** | | | | **Incremental Change** | | **SDG 2020-21** | |
| **2018-19** | **Rank** | **2019-20** | **Rank** | **2018-19 to**  **2019-20** | **Rank** | **Health** | **Rank** |
| Andamand & Nicobar | 44.59 | 20 | 44.74 | 25 | 0.15 | 22 | 68 | 25 |
| Andhra Pradesh | 68.88 | 7 | 69.95 | 6 | 1.07 | 17 | 77 | 13 |
| Arunachal Pradesh | 35.45 | 30 | 33.92 | 32 | -1.53 | 30 | 64 | 30 |
| Assam | 43.39 | 25 | 47.74 | 22 | 4.35 | 7 | 59 | 35 |
| Bihar | 30.24 | 32 | 31.00 | 33 | 0.76 | 18 | 66 | 29 |
| Chandigarh | 73.38 | 2 | 62.53 | 12 | -10.85 | 34 | 74 | 14 |
| Chhattisgarh | 50.79 | 17 | 50.70 | 19 | -0.09 | 25 | 70 | 21 |
| D & D | 69.72 | 5 | 66.20 | 8 | -3.52 | 31 | 80 | 5 |
| D&N | 69.72 | 6 | 66.20 | 9 | -3.52 | 32 | 80 | 6 |
| Delhi | 40.17 | 27 | 49.84 | 20 | 9.67 | 3 | 90 | 1 |
| Goa | 66.36 | 8 | 53.68 | 16 | -12.68 | 35 | 72 | 17 |
| Gujarat | 62.46 | 12 | 63.59 | 10 | 1.13 | 16 | 86 | 2 |
| Haryana | 49.81 | 18 | 49.26 | 21 | -0.55 | 27 | 72 | 18 |
| Himachal pradesh | 63.23 | 11 | 63.17 | 11 | -0.06 | 24 | 78 | 8 |
| Jammu & Kashmir | 37.45 | 29 | 46.99 | 24 | 9.54 | 4 | 70 | 22 |
| Jharkhand | 44.16 | 23 | 47.55 | 23 | 3.39 | 11 | 74 | 15 |
| Karnataka | 59.30 | 13 | 57.93 | 14 | -1.37 | 29 | 78 | 9 |
| Kerala | 81.60 | 1 | 82.20 | 1 | 0.60 | 19 | 72 | 16 |
| Lakshadweep | 44.16 | 22 | 51.87 | 17 | 7.71 | 5 | 78 | 10 |
| Madhya Pradesh | 33.37 | 31 | 36.72 | 30 | 3.35 | 12 | 62 | 32 |
| Maharashtra | 65.54 | 10 | 69.14 | 7 | 3.60 | 9 | 83 | 3 |
| Manipur | 39.99 | 28 | 34.26 | 31 | -5.73 | 33 | 68 | 24 |
| Mehgalaya | 25.35 | 33 | 43.05 | 28 | 17.70 | 2 | 70 | 23 |
| Mizoram | 57.32 | 14 | 75.77 | 2 | 18.45 | 1 | 79 | 7 |
| Nagaland | 23.57 | 35 | 27.00 | 35 | 3.43 | 10 | 61 | 33 |
| Odisha | 44.18 | 21 | 44.31 | 26 | 0.13 | 23 | 67 | 27 |
| Puducherry | 49.26 | 19 | 50.83 | 18 | 1.57 | 15 | 70 | 19 |
| Punjab | 56.33 | 15 | 58.08 | 13 | 1.75 | 13 | 77 | 12 |
| Rajasthan | 41.57 | 26 | 41.33 | 29 | -0.24 | 26 | 70 | 20 |
| Sikkim | 56.25 | 16 | 55.53 | 15 | -0.72 | 28 | 62 | 31 |
| Tamilnadu | 70.79 | 3 | 72.42 | 3 | 1.63 | 14 | 81 | 4 |
| Telangana | 65.74 | 9 | 69.96 | 5 | 4.22 | 8 | 67 | 26 |
| Tripura | 69.96 | 4 | 70.16 | 4 | 0.20 | 21 | 67 | 28 |
| Uttar Pradesh | 25.06 | 34 | 30.57 | 34 | 5.51 | 6 | 60 | 34 |
| Uttarakhand | 43.62 | 24 | 44.21 | 27 | 0.59 | 20 | 77 | 11 |

*Source: Health Index 2019-20 and SDG Index 2020-21, NITI Aayog.* *West Bengal did not participate in Health Index 2019-20 and data of Ladakh was not available.*

**Table 2: Health Index IV: 2019-20 and SDG3: Health, 2020-21**

**Ranked As per 2019-20 Index**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **State/UT** | **Health Index** | | | | **Incremental**  **Change** | | **SDG 2020-21** | |
| **2018-19** | **Rank** | **2019-20** | **Rank** | **2018-19 to**  **2019-20** | **Rank** | **Health** | **Rank** |
| Kerala | 81.60 | 1 | 82.20 | 1 | 0.60 | 19 | 72 | 16 |
| Mizoram | 57.32 | 14 | 75.77 | 2 | 18.45 | 1 | 79 | 7 |
| Tamilnadu | 70.79 | 3 | 72.42 | 3 | 1.63 | 14 | 81 | 4 |
| Tripura | 69.96 | 4 | 70.16 | 4 | 0.20 | 21 | 67 | 28 |
| Telangana | 65.74 | 9 | 69.96 | 5 | 4.22 | 8 | 67 | 26 |
| Andhra Pradesh | 68.88 | 7 | 69.95 | 6 | 1.07 | 17 | 77 | 13 |
| Maharashtra | 65.54 | 10 | 69.14 | 7 | 3.60 | 9 | 83 | 3 |
| D & D | 69.72 | 5 | 66.20 | 8.5 | -3.52 | 31 | 80 | 5.5 |
| D&N | 69.72 | 6 | 66.20 | 8.5 | -3.52 | 32 | 80 | 5.5 |
| Gujarat | 62.46 | 12 | 63.59 | 10 | 1.13 | 16 | 86 | 2 |
| Himachal pradesh | 63.23 | 11 | 63.17 | 11 | -0.06 | 24 | 78 | 8 |
| Chandigarh | 73.38 | 2 | 62.53 | 12 | -10.85 | 34 | 74 | 14 |
| Punjab | 56.33 | 15 | 58.08 | 13 | 1.75 | 13 | 77 | 12 |
| Karnataka | 59.30 | 13 | 57.93 | 14 | -1.37 | 29 | 78 | 9 |
| Sikkim | 56.25 | 16 | 55.53 | 15 | -0.72 | 28 | 62 | 31 |
| Goa | 66.36 | 8 | 53.68 | 16 | -12.68 | 35 | 72 | 17 |
| Lakshadweep | 44.16 | 22 | 51.87 | 17 | 7.71 | 5 | 78 | 10 |
| Puducherry | 49.26 | 19 | 50.83 | 18 | 1.57 | 15 | 70 | 19 |
| Chhattisgarh | 50.79 | 17 | 50.70 | 19 | -0.09 | 25 | 70 | 21 |
| Delhi | 40.17 | 27 | 49.84 | 20 | 9.67 | 3 | 90 | 1 |
| Haryana | 49.81 | 18 | 49.26 | 21 | -0.55 | 27 | 72 | 18 |
| Assam | 43.39 | 25 | 47.74 | 22 | 4.35 | 7 | 59 | 35 |
| Jharkhand | 44.16 | 23 | 47.55 | 23 | 3.39 | 11 | 74 | 15 |
| Jammu & Kashmir | 37.45 | 29 | 46.99 | 24 | 9.54 | 4 | 70 | 22 |
| Andamand & Nicobar | 44.59 | 20 | 44.74 | 25 | 0.15 | 22 | 68 | 25 |
| Odisha | 44.18 | 21 | 44.31 | 26 | 0.13 | 23 | 67 | 27 |
| Uttarakhand | 43.62 | 24 | 44.21 | 27 | 0.59 | 20 | 77 | 11 |
| Mehgalaya | 25.35 | 33 | 43.05 | 28 | 17.70 | 2 | 70 | 23 |
| Rajasthan | 41.57 | 26 | 41.33 | 29 | -0.24 | 26 | 70 | 20 |
| Madhya Pradesh | 33.37 | 31 | 36.72 | 30 | 3.35 | 12 | 62 | 32 |
| Manipur | 39.99 | 28 | 34.26 | 31 | -5.73 | 33 | 68 | 24 |
| Arunachal Pradesh | 35.45 | 30 | 33.92 | 32 | -1.53 | 30 | 64 | 30 |
| Bihar | 30.24 | 32 | 31.00 | 33 | 0.76 | 18 | 66 | 29 |
| Uttar Pradesh | 25.06 | 34 | 30.57 | 34 | 5.51 | 6 | 60 | 34 |
| Nagaland | 23.57 | 35 | 27.00 | 35 | 3.43 | 10 | 61 | 33 |

*Source: Health Index 2019-20 and SDG Index 2020-21, NITI Aayog.* *West Bengal did not participate in Health Index 2019-20 and data of Ladakh was not available.*

**Table 3: Status of Health Index & Rank: 2019-20 over 2018-19**

|  |  |  |
| --- | --- | --- |
| **Improved Rank** | **Retained Rank** | **Declined Rank** |
| 1. Andhra Pradesh: 7 to 6 (68.88 to 69.95) 2. Assam: 25 to 22 (43.39 to 47.74) 3. Delhi: 27 to 20 (40.17 to 49.84) 4. Gujarat: 12 to 10 (62.46 to 63.59) 5. Jammu & Kashmir: 29 to 24 (37.45 to 46.99) 6. Lakshadweep: 22 to 17 (44.16 to 52.87) 7. Madhya Pradesh: 31 to 30 (33.37 to 36.72) 8. Maharashta: 10 to 7 (65.54 to 69.14) 9. Meghalaya: 33 to 28 (25.35 to 43.05) 10. Mizoram: 14 to 2 (57.32 to 75.77) 11. Puducherry: 19 t0 18 (49.26 to 50.83) 12. Punjab: 15 to 13 (56.33 to 58.08) 13. Sikkim: 16 to 15 (56.25 to 55.53) 14. Telangana: 9 to 5 (65.74 to 69.96) | 1. Himachal Pradesh: 11 (63.23 to 63.17) 2. Jharkhand: 23 (44.16 to 47.55) 3. Kerala: 1 (81.60 to 82.20) 4. Nagaland: 35 (23.57 to 27.00) 5. Tamilnadu: 3 (70.79 to 72.42) 6. Tripura: 4 (69.06 to 70.16) 7. Uttar Pradesh: 34 (25.06 to 30.57) | 1. A & N: 20 to 25 (44.59 to 44.74) 2. Arunachal Pradesh: 30 to 32 (35.45 to 33.92) 3. Bihar: 32 to 33 (30.24 to 31.00) 4. Chandigarh: 2 to 12 (73.38 to 62.53) 5. Chhattisgarh: 17 to 19 (50.79 to 50.70) 6. Dadra & Nagar Haveli & Daman & Diu: 5 to 8.5 (69.72 to 66.20) 7. Goa: 8 to 16 (66.36 to 53.68 8. Haryana: 18 to 21 (49.81 to 49.26) 9. Karnataka: 13 to 14 (59.30 to 57.93) 10. Manipur: 28 to 31 (39.99 to 34.26) 11. Odisha: 21 to 26 (44.18 to 44.31) 12. Rajasthan: 26 to 29  (41.57 to 41.33) 13. Uttarakhand: 24 to 27 (43.62 to 44.21) |
| **Index Value Declined** | | **Index Value Improved** |
| Sikkim (-0.72) | Himachal Pradesh (-0.06) | Bihar (+0.76)  Uttarakhand (+0.59)  Andaman & Nicobar Islands (+0.15)  Odisha (+0.13) |

**Table 4: Incremental Change by Domain: Health Index 2019-20**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **State/UT** | **Rank 2018-19** | **Rank 2019-20** | **Change in Rank** | **Incre-mental Change** | **Rank** | **Incremental Change by Domain** | | | | | |
| **Health Outcomes** | **Rank** | **Governance & Information** | **Rank** | **Key**  **Inputs** | **Rank** |
| Mizoram | 14 | 2 | 12 | 18.45 | 1 | 15.66 | 3 | 43.72 | 1 | 10.32 | 3 |
| Mehgalaya | 33 | 28 | 5 | 17.70 | 2 | 25.29 | 1 | 1.14 | 16 | 10.40 | 2 |
| Delhi | 27 | 20 | 7 | 9.67 | 3 | 18.89 | 2 | -0.93 | 19 | -0.75 | 26 |
| Jammu & Kashmir | 29 | 24 | 5 | 9.54 | 4 | 11.99 | 4 | 10.00 | 4 | 5.53 | 7 |
| Lakshadweep | 22 | 17 | 5 | 7.71 | 5 | -4.17 | 30 | 67.8\* | - | 3.74 | 13 |
| Uttar Pradesh | 34 | 34 | 0 | 5.51 | 6 | 6.39 | 9 | 2.44 | 15 | 4.27 | 11 |
| Assam | 25 | 22 | 3 | 4.35 | 7 | 7.11 | 6 | 8.17 | 5 | -10.14 | 34 |
| Telangana | 9 | 5 | 4 | 4.22 | 8 | 6.58 | 8 | -8.88 | 31 | 5.03 | 9 |
| Maharashtra | 10 | 7 | 3 | 3.60 | 9 | 3.86 | 11 | 4.11 | 13 | 2.10 | 15 |
| Nagaland | 35 | 35 | 0 | 3.43 | 10 | 6.59 | 7 | -1.57 | 20 | -0.68 | 25 |
| Jharkhand | 23 | 23 | 0 | 3.39 | 11 | 5.23 | 10 | 0.46 | 17 | -2.06 | 27 |
| Madhya Pradesh | 31 | 30 | 1 | 3.35 | 12 | 1.28 | 17 | -3.84 | 22 | 17.53 | 1 |
| Punjab | 15 | 13 | 2 | 1.75 | 13 | 2.30 | 13 | 5.61 | 9 | -3.56 | 31 |
| Tamilnadu | 3 | 3 | 0 | 1.63 | 14 | 2.05 | 15 | -7.35 | 27 | 6.88 | 4 |
| Puducherry | 19 | 18 | 1 | 1.57 | 15 | -7.86 | 32 | 27.22 | 2 | 6.69 | 5 |
| Gujarat | 12 | 10 | 2 | 1.13 | 16 | 2.38 | 12 | -6.04 | 26 | 1.51 | 18 |
| Andhra Pradesh | 7 | 6 | 1 | 1.07 | 17 | 1.96 | 16 | -4.72 | 24 | 1.88 | 16 |
| Bihar | 32 | 33 | -1 | 0.76 | 18 | 0.89 | 19 | 0.28 | 18 | 0.58 | 21 |
| Kerala | 1 | 1 | 0 | 0.60 | 19 | - 0.84 | 20 | 6.80 | 6 | 1.78 | 17 |
| Uttarakhand | 24 | 27 | -3 | 0.59 | 20 | -1.15 | 25 | 4.40 | 12 | 4.84 | 10 |
| Tripura | 4 | 4 | 0 | 0.20 | 21 | 8.41 | 5 | -30.36 | 34 | -0.60 | 24 |
| Andaman & Nocobar | 20 | 25 | -5 | 0.15 | 22 | 1.19 | 18 | -4.78 | 25 | 0.38 | 22 |
| Odisha | 21 | 26 | -5 | 0.13 | 23 | -0.69 | 24 | 4.50 | 11 | 0.17 | 23 |
| Himachal pradesh | 11 | 11 | 0 | -0.06 | 24 | 2.27 | 14 | -18.01 | 33 | 4.19 | 12 |
| Chhattisgarh | 17 | 19 | -2 | -0.09 | 25 | -2.65 | 27 | 6.52 | 8 | 5.45 | 8 |
| Rajasthan | 26 | 29 | -3 | -0.24 | 26 | 0.81 | 21 | 3.24 | 14 | -7.30 | 33 |
| Haryana | 18 | 21 | -3 | -0.55 | 27 | 0.42 | 22 | -7.59 | 28 | 0.84 | 19 |
| Sikkim | 16 | 15 | 1 | -0.72 | 28 | -0.01 | 23 | 6.78 | 7 | -6.48 | 32 |
| Karnataka | 13 | 14 | -1 | -1.37 | 29 | -2.38 | 26 | -1.66 | 21 | 3.09 | 14 |
| Arunachal Pradesh | 30 | 32 | -2 | -1.53 | 30 | -4.22 | 31 | 5.03 | 10 | 0.65 | 20 |
| D & D | 5.5 | 8.5 | -3 | -3.52 | 31.5 | -2.78 | 28.5 | -8.50 | 29.5 | -2.82 | 29.5 |
| D&N | 6.5 | 9.5 | -3 | -3.52 | 31.5 | -2.78 | 28.5 | -8.50 | 29.5 | -2.82 | 29.5 |
| Manipur | 28 | 31 | -3 | -5.73 | 33 | -12.23 | 33 | 13.17 | 3 | -2.13 | 28 |
| Chandigarh | 2 | 12 | -10 | -10.85 | 34 | -12.23 | 34 | -4.41 | 23 | -11.11 | 35 |
| Goa | 8 | 16 | -8 | -12.68 | 35 | -22.30 | 35 | -8.89 | 32 | 6.22 | 6 |

*Source: Health Index 2019-20, NITI Aayog. \* Domain available only for 2019-20*

**Table 5: Indicators used in Health and SDG Goal 3 Health: Indices**

|  |  |
| --- | --- |
| **Health Index 2019-20** | **SDG Goal 3: Heath Index 2020-21** |
| 1. Neonatal Mortality Rate (NMR) | Maternal Mortality Ratio (per 1,00,000 live births) |
| 2a. Under-five Mortality Rate  2b. Proportion of Low Birth Weight among newborns (infants) | Under 5 mortality rate (per 1,000 live births) |
| 3. Full immunization coverage (%) | Percentage of Children in the age-group 9-11 months Fully Immunized |
| 4a.Total Case Notification Rate of Tuberculosis  4b. Treatment success rate of new microbiologically confirmed Tuberculosis cases | Total case notification rate of Tuberculosis per 1,00,000 population |
| 5. Proportion of people living with HIV on antiretroviral therapy | HIV incidence per 1,000 uninfected population |
| 6. Proportion of institutional deliveries | Percentage of institutional deliveries out of the total deliveries reported |
| 7. Sex Ratio at Birth | Suicide rate (per 1,00,000 population) |
| 8. Total Fertility Rate | Death rate due to road traffic accidents (per 1,00,000 population) |
|  | Monthly Per capita Consumption Expenditure |
|  | Total physicians, nurses, and midwives per 10,000 population |

*Source: Health Index 2019-20 and SDG Index 2020-21, NITI Aayog.*

**Table 6: Domain-specific Index Value distributed by Groups: 2019-20**

|  |  |  |  |
| --- | --- | --- | --- |
| **Range** | **Health Outcomes** | **Governance & Information** | **Key-Inputs & Processes** |
| Up to 20 |  | Andman &  Nicobar Islands (12.90)  Chandigarh (11.32)  Jharkhand (20.00) Nagaland (11.83) | Bihar (15.32) |
| 21 to 25 |  | J & K (20.81) | Nagaland (24.62)  Jharkhand (23.16)  Manipur (23.46) |
| 25 to 35 | Bihar (30.80)  Madhya Pradesh (34.55)  Nagaland (31.99)  Uttar Pradesh (25.64) | Arunachal (26.77) | Arunachal (34.09)  Lakshadweep (31.27) Madhya Pradesh (34.11)Sikkim (34.77) |
| 35 to 40 | Arunachal (35.67)  Assam (39.53)  Manipur (38.52)  Rajasthan (35.01) | Karnataka (38.95)  Manipur (36.90)  Tripura (36.57) | J & K (36.05)  Meghalaya (39.62)  Uttar Pradesh (36.63) |
| 40 to 50 | Haryana (46.41)  Meghalaya (44.42)  Odisha (40.82)  Uttarakhand (42.87) | Goa (40.23)  Himachal (48.00) Meghalaya (43.79) Puducherry (43.56) Punjab (40.22) Uttar Pradesh (49.21) | A & N (44.90)  Assam (49.63) Chhattisgarh (42.28) Delhi (43.59) Odisha (42.04) Uttarakhand (41.13) |
| 50 to 60 | Andaman (52.28)  Delhi (53.39)  Goa (55.36)  Jharkhand (58.54)  Puducherry (52.18) | Bihar (52.23)  Haryana (52.46)  Madhya Pradesh (51.68)  Sikkim (51.70)  Uttarakhand (55.33) | Chandigarh (56.82)  Goa (55.88)  Haryana (58.61)  Himachal Pradesh (51.64)  Karnataka (50.11)  Maharashtra (57.94)  Puducherry (51.44)  Punjab (57.49)  Rajasthan (52.04)  Tripura (56.55) |
| 60 to 70 | D&D and D&D (61.23) Gujarat (60.97)  Himachal (68.77)  J & K (60.27)  Karnataka (63.35)  Lakshadweep (61.23)  Punjab (62.56)  Sikkim (66.01) | Andhra Pradesh (68.65)  Lakshadweep (67.80)  Maharashtra (61.16)  Odisha (61.47)  Rajasthan (61.44)  Telangana (64.17) | Andhra Pradesh (63.75)  D&D and D&D (60.31) Gujarat (69.05)  Kerala (65.01)  Mizoram (61.90)  Telangana (61.95) |
| 70 to 80 | Andhra Pradesh (71.68)  Chandigarh (78.48) Maharashtra (73.31)  Tamilnadu (72.73)  Telangana (73.06) | Chhattisgarh (70.99)  Gujarat (70.60)  Mizoram (70.38) Tamilnadu (72.53) | Tamil Nadu (71.06) |
| 80 to 90 | Kerala (85.97)  Mizoram (83.49)  Tripura (85.01) | Assam (89.29)  Dadar & Nagar Haveli & Daman & Diu (88.39)  Kerala (83.36) |  |

*Source: Health Index 2019-20 and SDG Index 2020-21, NITI Aayog.*