

The Madhya Pradesh Human Development

The Madhya Pradesh Human Development Index (MPHDI) is a combination of certain selected indicators of the education, health and income status of districts (see Note on the Human Development Index: Methodology, and Table 8-1 for data on the selected indicators). An Index of Deprivation is calculated for each of the selected indicators and an overall Index of Deprivation¹ (IOD) is calculated for Education, Health and Income are combined to arrive at a combined Index of Deprivation for each district. One minus the IOD so achieved gives the MPHDI² (see Table 8-2 for the different IODs and the Madhya Pradesh Human Development Index for the districts).

The selected indicators are:

- **Education**

- Literacy
- School Enrollment

- **Health**

- Infant Mortality Rate

- **Income**

- District Per Capita Income
- Rural Poverty

1. Index of Deprivation is a value that ranges from 0.00 to 1.00, with 0.00 denoting the highest level of human development and 1.00 showing the maximum level of deprivation.
2. The MPHDI is a value ranging from 1.000 to 0.000, with 1.000 exhibiting the highest level of human development, and 0.000 indicating the lowest level of human development in districts.

TABLE 8-1

District	Education			Health	Income		
	Literacy Rate	Female Literacy Rate	Child Enrollment in Schools	Infant Mortality Rate	Adjusted Per Capita Income	Level of Rural Poverty	Level of Deprivation of Poor
Morena	41.3%	20.8%	39.1%	132	1839	38.9%	60.6%
Bhind	49.2%	28.2%	46.6%	129	1843	26.1%	60.4%
Gwalior	57.7%	41.7%	55.3%	118	1832	32.6%	49.0%
Datia	43.6%	23.7%	49.7%	156	1842	49.0%	48.2%
Shivpuri	33.0%	15.6%	30.9%	150	1823	48.5%	48.0%
Guna	34.6%	18.0%	31.0%	150	1809	39.7%	64.1%
Tikamgarh	34.8%	20.0%	44.6%	195	1818	58.3%	49.2%
Chhatarpur	35.2%	21.3%	42.6%	182	1811	29.8%	53.7%
Panna	33.7%	19.4%	34.3%	185	1819	48.0%	55.2%
Sagar	53.4%	37.8%	42.1%	164	1845	78.5%	57.7%
Damoh	46.3%	30.5%	36.7%	150	1867	51.0%	46.3%
Satna	44.7%	27.8%	35.0%	181	1830	55.5%	59.7%
Rewa	44.4%	26.9%	43.8%	173	1807	62.8%	59.5%
Shahdol	34.8%	20.1%	31.7%	164	1826	58.7%	59.9%
Sidhi'	29.1%	13.6%	27.6%	161	1868	64.6%	46.8%
Mandsaur	48.7%	28.3%	39.5%	138	1870	55.3%	55.1%
Ratlam	44.2%	29.1%	36.2%	143	1866	62.5%	54.8%
Ujjain	49.1%	32.6%	38.4%	106	1868	68.5%	60.1%
Shajapur	39.2%	19.8%	32.1%	149	1872	75.8%	56.3%
Dewas	44.1%	25.6%	34.4%	114	1868	52.5%	56.1%
Jhabua	19.0%	11.5%	24.0%	119	1812	75.2%	60.4%
Dhar	34.5%	20.7%	30.9%	116	1872	72.1%	53.5%
Indore	66.3%	53.3%	39.4%	84	1876	56.4%	47.7%
West Nimar	36.0%	23.2%	29.9%	134	1806	55.0%	56.4%
East Nimar	45.5%	31.5%	35.0%	137	1812	63.2%	60.9%
Rajgarh	31.8%	15.6%	31.1%	170	1818	63.0%	51.6%
Vidisha	44.1%	27.8%	41.5%	144	1867	48.1%	67.6%
Bhopal	64.3%	54.2%	38.9%	91	1875	39.6%	67.7%
Sehore	40.4%	22.0%	34.8%	146	1867	38.9%	54.6%
Raisen	40.8%	25.5%	32.8%	135	1926	57.2%	55.2%
Betul	45.9%	33.9%	40.2%	158	1839	57.9%	59.4%
Hoshangabad	52.5%	37.6%	42.6%	163	1871	54.1%	55.8%
Jabalpur	59.1%	45.0%	41.7%	129	1816	84.0%	60.1%
Narsimhapur	55.6%	41.6%	44.0%	162	1875	95.0%	55.4%
Mandla	37.3%	22.2%	37.5%	115	1813	63.2%	63.1%
Chhindwara	44.9%	32.5%	35.2%	118	1872	45.7%	54.2%
Seoni	44.5%	31.1%	50.7%	115	1829	81.6%	57.0%
Balaghat	53.2%	38.9%	42.7%	118	1825	68.5%	56.1%
Surguja	30.1%	17.4%	36.7%	115	1842	81.2%	63.5%
Bilaspur	45.3%	27.3%	39.8%	115	1846	78.5%	57.3%
Rajgarh	41.2%	26.5%	36.7%	113	1836	61.2%	63.1%
Rajnandgaon	44.4%	27.8%	35.9%	132	1818	68.1%	59.9%
Durg	58.7%	42.8%	46.2%	106	1868	62.4%	60.2%
Raipur	48.1%	31.0%	22.7%	141	1848	50.6%	58.8%
Bastar	24.9%	15.3%	28.2%	118	1834	51.9%	61.6%

TABLE 8.2
MADHYA PRADESH HUMAN DEVELOPMENT INDEX

District	Education						Health		
	Literacy Rate	Female Literacy Rate	Literacy	Children's Enrolment in Schools	Education	Education Development Index	Infant	Health	Health Development Index
	IOD A	IOD B	IOD C (2x+A+1xB)	IOD D	IOD E (2xC+1xD)		IOD F	IOD G	
Indore	0.22	0.39	0.28	0.78	0.45	0.55	0.18	0.18	0.82
Bhopal	0.26	0.38	0.30	0.79	0.46	0.54	0.23	0.23	0.77
Durg	0.35	0.54	0.41	0.70	0.51	0.49	0.34	0.34	0.66
Gwalior	0.37	0.56	0.43	0.58	0.48	0.52	0.43	0.43	0.57
Ujjain	0.51	0.69	0.57	0.80	0.64	0.36	0.34	0.34	0.66
Chhindwara	0.58	0.69	0.61	0.84	0.69	0.31	0.43	0.43	0.57
Raisen	0.64	0.80	0.69	0.87	0.75	0.25	0.56	0.56	0.44
Dewas	0.59	0.79	0.66	0.85	0.72	0.28	0.40	0.40	0.60
Bhind	0.50	0.76	0.59	0.69	0.62	0.38	0.51	0.51	0.49
Mandsaur	0.51	0.75	0.59	0.78	0.66	0.34	0.58	0.58	0.42
Balaghat	0.44	0.60	0.49	0.74	0.58	0.42	0.43	0.43	0.57
Bilaspur	0.57	0.77	0.64	0.78	0.68	0.32	0.41	0.41	0.59
Dhar	0.75	0.87	0.79	0.89	0.82	0.18	0.41	0.41	0.59
Raigarh	0.64	0.78	0.68	0.82	0.73	0.27	0.39	0.39	0.61
Vidisha	0.59	0.76	0.65	0.76	0.68	0.32	0.62	0.62	0.38
Seoni	0.58	0.71	0.63	0.64	0.63	0.37	0.41	0.41	0.59
Damoh	0.55	0.72	0.61	0.82	0.68	0.32	0.67	0.67	0.33
Sehore	0.65	0.85	0.71	0.84	0.76	0.24	0.64	0.64	0.36
Hoshangabad	0.45	0.62	0.51	0.74	0.59	0.41	0.76	0.76	0.24
Morena	0.63	0.86	0.71	0.79	0.74	0.26	0.53	0.53	0.47
Ratlam	0.59	0.74	0.64	0.83	0.70	0.30	0.61	0.61	0.39
Jabalpur	0.34	0.51	0.40	0.75	0.52	0.48	0.51	0.51	0.49
Raipur	0.52	0.71	0.59	1.00	0.72	0.28	0.60	0.60	0.40
Narsimhapur	0.40	0.56	0.45	0.72	0.54	0.46	0.76	0.76	0.24
Datia	0.60	0.82	0.67	0.65	0.67	0.33	0.71	0.71	0.29
Mandla	0.70	0.84	0.75	0.81	0.77	0.23	0.41	0.41	0.59
Surguja	0.82	0.91	0.85	0.82	0.84	0.16	0.41	0.41	0.59
Bastar	0.90	0.94	0.92	0.93	0.92	0.08	0.43	0.43	0.57
Rajnandgaon	0.58	0.76	0.64	0.83	0.71	0.29	0.53	0.53	0.47
Shajapur	0.67	0.88	0.74	0.88	0.79	0.21	0.66	0.66	0.34
Betul	0.56	0.67	0.60	0.77	0.66	0.34	0.73	0.73	0.27
East Nimar	0.57	0.71	0.61	0.84	0.69	0.31	0.57	0.57	0.43
Sagar	0.44	0.62	0.50	0.75	0.58	0.42	0.77	0.77	0.23
West Nimar	0.72	0.83	0.76	0.91	0.81	0.19	0.55	0.55	0.45
Shivpuri	0.77	0.94	0.83	0.89	0.85	0.15	0.67	0.67	0.33
Sidhi	0.83	0.97	0.88	0.94	0.90	0.10	0.75	0.75	0.25
Guna	0.74	0.91	0.80	0.89	0.83	0.17	0.67	0.67	0.33
Jhabua	1.00	1.00	1.00	0.98	0.99	0.01	0.44	0.44	0.56
Satna	0.58	0.76	0.64	0.84	0.71	0.29	0.90	0.90	0.10
Shahdol	0.74	0.87	0.79	0.88	0.82	0.18	0.77	0.77	0.23
Chhatarpur	0.73	0.86	0.78	0.74	0.76	0.24	0.90	0.90	0.10
Rewa	0.58	0.78	0.65	0.73	0.67	0.33	0.84	0.84	0.16
Rajgarh	0.79	0.94	0.84	0.89	0.86	0.14	0.81	0.81	0.19
Panna	0.76	0.88	0.80	0.85	0.82	0.18	0.93	0.93	0.07
Tikamgarh	0.74	0.88	0.79	0.72	0.76	0.24	1.00	1.00	0.00

TABLE 8.2 (contd.)
MADHYA PRADESH HUMAN DEVELOPMENT INDEX

District	Education						Health		
	Literacy Rate	Female Literacy Rate	Literacy	Children's Enrolment in Schools	Education	Education Development Index	Infant	Health	Health Development Index
	IOD A	IOD B	IOD C (2x+A+1xB)	IOD D	IOD E (2xC+1xD)		IOD F	IOD G	
Indore	0.22	0.39	0.28	0.78	0.45	0.55	0.18	0.18	0.82
Bhopal	0.26	0.38	0.30	0.79	0.46	0.54	0.23	0.23	0.77
Durg	0.35	0.54	0.41	0.70	0.51	0.49	0.34	0.34	0.66
Gwalior	0.37	0.56	0.43	0.58	0.48	0.52	0.43	0.43	0.57
Ujjain	0.51	0.69	0.57	0.80	0.64	0.36	0.34	0.34	0.66
Chhindwara	0.58	0.69	0.61	0.84	0.69	0.31	0.43	0.43	0.57
Raisen	0.64	0.80	0.69	0.87	0.75	0.25	0.56	0.56	0.44
Dewas	0.59	0.79	0.66	0.85	0.72	0.28	0.40	0.40	0.60
Bhind	0.50	0.76	0.59	0.69	0.62	0.38	0.51	0.51	0.49
Mandsaur	0.51	0.75	0.59	0.78	0.66	0.34	0.58	0.58	0.42
Balaghat	0.44	0.60	0.49	0.74	0.58	0.42	0.43	0.43	0.57
Bilaspur	0.57	0.77	0.64	0.78	0.68	0.32	0.41	0.41	0.59
Dhar	0.75	0.87	0.79	0.89	0.82	0.18	0.41	0.41	0.59
Raigarh	0.64	0.78	0.68	0.82	0.73	0.27	0.39	0.39	0.61
Vidisha	0.59	0.76	0.65	0.76	0.68	0.32	0.62	0.62	0.38
Seoni	0.58	0.71	0.63	0.64	0.63	0.37	0.41	0.41	0.59
Damoh	0.55	0.72	0.61	0.82	0.68	0.32	0.67	0.67	0.33
Sehore	0.65	0.85	0.71	0.84	0.76	0.24	0.64	0.64	0.36
Hoshangabad	0.45	0.62	0.51	0.74	0.59	0.41	0.76	0.76	0.24
Morena	0.63	0.86	0.71	0.79	0.74	0.26	0.53	0.53	0.47
Rattlam	0.59	0.74	0.64	0.83	0.70	0.30	0.61	0.61	0.39
Jabalpur	0.34	0.51	0.40	0.75	0.52	0.48	0.51	0.51	0.49
Raipur	0.52	0.71	0.59	1.00	0.72	0.28	0.60	0.60	0.40
Narsimhapur	0.40	0.56	0.45	0.72	0.54	0.46	0.76	0.76	0.24
Datia	0.60	0.82	0.67	0.65	0.67	0.33	0.71	0.71	0.29
Mandla	0.70	0.84	0.75	0.81	0.77	0.23	0.41	0.41	0.59
Surguja	0.82	0.91	0.85	0.82	0.84	0.16	0.41	0.41	0.59
Bastar	0.90	0.94	0.92	0.93	0.92	0.08	0.43	0.43	0.57
Rajnandgaon	0.58	0.76	0.64	0.83	0.71	0.29	0.53	0.53	0.47
Shajapur	0.67	0.88	0.74	0.88	0.79	0.21	0.66	0.66	0.34
Betul	0.56	0.67	0.60	0.77	0.66	0.34	0.73	0.73	0.27
East Nimar	0.57	0.71	0.61	0.84	0.69	0.31	0.57	0.57	0.43
Sagar	0.44	0.62	0.50	0.75	0.58	0.42	0.77	0.77	0.23
West Nimar	0.72	0.83	0.76	0.91	0.81	0.19	0.55	0.55	0.45
Shivpuri	0.77	0.94	0.83	0.89	0.85	0.15	0.67	0.67	0.33
Sidhi	0.83	0.97	0.88	0.94	0.90	0.10	0.75	0.75	0.25
Guna	0.74	0.91	0.80	0.89	0.83	0.17	0.67	0.67	0.33
Jhabua	1.00	1.00	1.00	0.98	0.99	0.01	0.44	0.44	0.56
Satna	0.58	0.76	0.64	0.84	0.71	0.29	0.90	0.90	0.10
Shahdol	0.74	0.87	0.79	0.88	0.82	0.18	0.77	0.77	0.23
Chhatarpur	0.73	0.86	0.78	0.74	0.76	0.24	0.90	0.90	0.10
Rewa	0.58	0.78	0.65	0.73	0.67	0.33	0.84	0.84	0.16
Rajgarh	0.79	0.94	0.84	0.89	0.86	0.14	0.81	0.81	0.19
Panna	0.76	0.88	0.80	0.85	0.82	0.18	0.93	0.93	0.07
Tikamgarh	0.74	0.88	0.79	0.72	0.76	0.24	1.00	1.00	0.00