THE LANCET Global Health

Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Acharya R, Porwal A. A vulnerability index for the management of and response to the COVID-19 epidemic in India: an ecological study. *Lancet Glob Health* 2020; published online July 16. http://dx.doi.org/10.1016/S2214-109X(20)30300-4.

Appendix A: Choice of indicators

1. Socioeconomic vulnerability

Aim of this domain and rationale: The aim of this domain is to capture social and economic deprivation in the population concerned. The relationship between poverty and disasters is well established; poor are less likely to have resources to prepare for or mitigate or recover after an epidemic. Similarly, presence of socially marginalised groups in a population often make the community more vulnerable than others at different stages of a disaster. As for example, in the context of an epidemic, a socially marginalised group likely lack enough information about the epidemic or may have less education to understand the information provided to them, lack concept of social distancing essential for protecting themselves from infection or even if they have the concept, may not actually have options to exercise it². Also, since they are most likely to engage in menial jobs,³ they have high risks of losing their income in time of the epidemic because of cessation of most economic activities in the country, and this make them economically vulnerable. There is also a relationship between level of education and disaster as compared to others, persons with higher levels of education are more likely to have access to and act upon information available during different phases of epidemic⁴.

Indicators used: We used three indicators to capture the domain – 1) percent of population belonging to scheduled caste and scheduled tribe -two most backward groups in the country 2) percent of population aged 15 or above who have completed secondary or higher level or education and 3) an asset deprivation index. We used percent of population belonging to scheduled castes and scheduled tribe to represent marginalised population as there is evidence that these groups are the most backward groups in the country (in terms of most of the social and development indicators). We considered secondary or higher education level to represent overall education level of the population, it has been found to have strong relationship with most of the social and development outcomes. Finally, we calculated an asset index as proportion of households that do not have any of the following – a motorized vehicle (a two-wheeler, car or truck, or tractor), television, computer, bicycle, refrigerator, thresher, air-conditioner/cooler). It is found that an asset index is more closely related to poverty indices compared to usual wealth index available in the Demographic and Health Surveys. 6

Source of data: National Family Health Survey 2015-16, since this is the most recent data available in the country on the above indicators.

2. Demographic vulnerability

Aim of this domain and rationale: Several demographic characteristics of a population enhance risk of a pandemic spread and its subsequent consequences and these characteristics include elderly population, high urbanization and high population density.^{7,8} The aim of this domain is to capture vulnerability due to such demographic characteristics of the population. Persons in older age group (age 60 years or above) are dependent on other people in the household for support even during normal times and more so during the time of a disaster such as COVID-19 epidemic. According to the trend so far, elders are particularly vulnerable to COVID-19 because of their reduced immunity resulting in high case fatality.^{2,9} Given that COVID-19 came to the country through air route and started spreading through major transportation hubs, a district with high urban population and high population density might be at higher risk of both virus introduction through transportation links and its spread because of difficulty in practicing social/physical distancing.

Indicators used: We captured elderly population by the indicator: proportion of population aged 60 years or older. Urbanization and population density were indicated by percent urban population and number of persons living per square kilometre, respectively.

Source of data: National Family Health Survey 2015-16 for first two indicators, since this is the most recent data available in the country on the above indicators. In order to get population density at the district level, Census 2011 data were used. We obtained area of a district from Census 2011 and population as on December 2019 by projecting 2011 population linearly, based on growth rate calculated from 2001 and 2011 census data.

3. Vulnerability due to housing and hygiene condition

Aim of the domain and rationale: It is now well known that housing condition, particularly intra-household crowding, use of shared toilet facility, and poor hand and respiratory hygiene are crucial factors that determine spread of the virus and pace of spread. ^{10,11} The aim of the domain is to capture vulnerability of a population to spread of infection by evaluating these factors.

Indicators used: We considered three variables to represent this domain -1) number of members per room available for sleeping (to capture intra-household crowding), 2) percent of households having own toilet facility, and 3) availability of soap and water for handwashing (the latter two indicators capture hygiene). We do not have any data on respiratory hygiene and hence it could not be captured.

Source of data: National Family Health Survey 2015-16, since this is the most recent data available in the country on the above indicators at district level.

4. Vulnerability due to non-availability of healthcare

Aim of the domain and rationale: During a disaster such as COVID-19 epidemic It is important to have a capable and responsive health care system as these would be the local first responder if the epidemics breaks out in a community. Also important is the ability of people to access health care. The aim of this domain is to capture the health security (insurance), access to public healthcare and capacity of health system.

Indicators used: There is not much data available in India at the district level that can represent the strength of its health care system. With the available data from different sources, we have three variables to represent the domain – percent of households with health insurance, percent of households who reported no nearby public health facility and number of public hospitals per 100,000 population (only at district level) and number of hospital beds per 1000 population (only at state/UT level) – to capture health security, accessibility of affordable health care and health care system capacity.

Source of data: We used National Family Health Survey 2015-16 for first two indicators. For district level data on capacity of health facility we used Rural health statistics 2018 for numerator and linearly projected population as on December 2019 using growth rate calculated for each district based on 2001 and 2011 census for denominator. In case of state level healthcare capacity, we used data available in national health profile, 2019.

5. Epidemiological vulnerability

Aim of the domain and rationale: It is now well known that people with co-morbidities such as diabetes, heart disease or respiratory issues have higher fatality in case of COVID-19 infection¹². India is often called the diabetes capital of the world¹³. In addition, many people in India also suffer from other chronic ailments such as cardiovascular diseases, asthma, and cancer. As per a systematic review, tobacco use increases risk of suffering from COID-19¹⁴. The aim of this domain is to capture the vulnerability of the population because of the epidemiological factors related to COVID-19, such as prevalence of co-morbidities, smoking etc.

Indicators used: Data on these epidemiological factors are not available in India for general population or for older population at the district level. We thus captured through three variables extracted from National Family Health Survey 2015-16 – proportions of males (aged 40-54) and females (aged 40-49) who reported suffering from any of these conditions - cardiovascular disease, diabetes, asthma, or cancer - and proportion of males who smoke tobacco. We understand that there are two limitations of these indicators – first, there will be a substantial proportion of men and women above age 54 and 49, respectively, who may be suffering from these ailments and are not captured here and second, these health conditions are self-reported and may not accurately reflect the actual situation. However, given no other data are available, we consider that these indicators best reflect the epidemiological vulnerability prevailing in each district or state. Finally, these variables are calculated from separate male and female datafiles as there are no such data available at the household level (male and female combined). Because of this reason, it was not possible to combine male and female health condition variables into one.

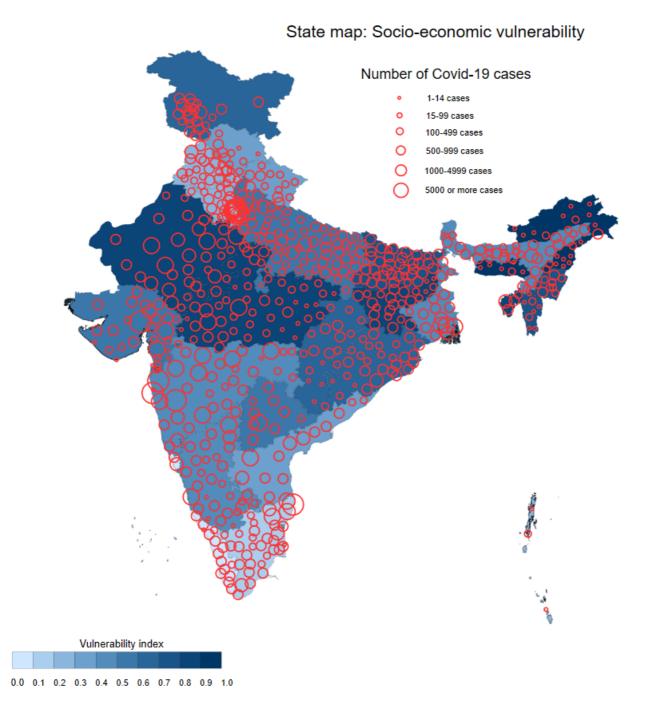
Source of data: National Family Health Survey 2015-16, since this is the most recent data available in the country on the above indicators at district level.

References

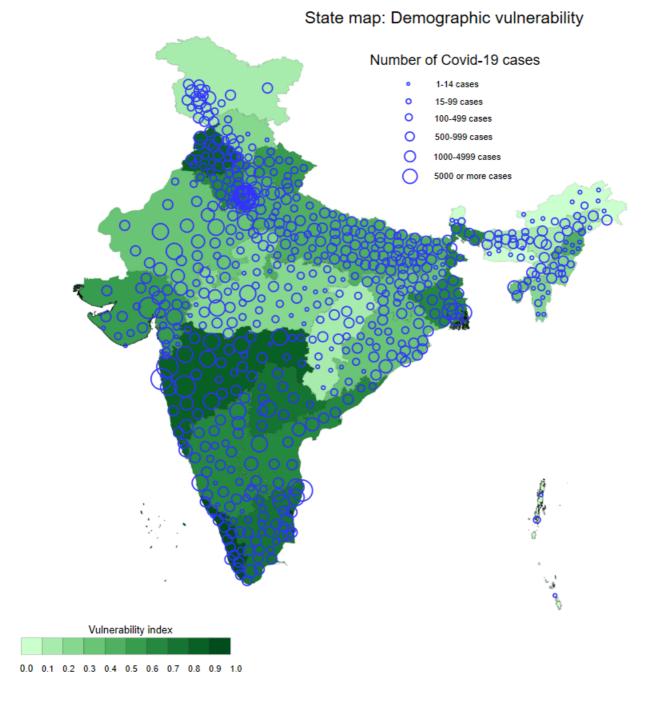
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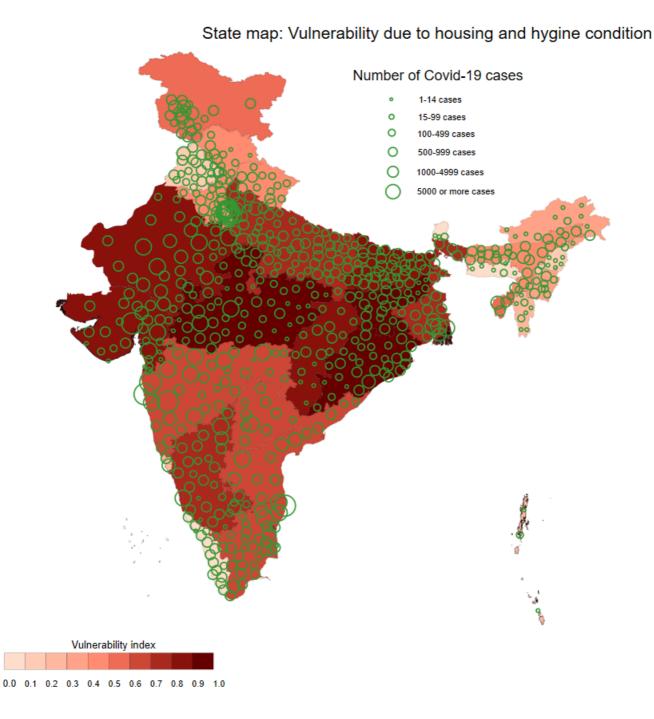
Appendix B: Domain specific vulnerability maps

Appendix figure 1: State map for socio-economic vulnerability and number of confirmed COVID-19 cases as of June 17, 2020.

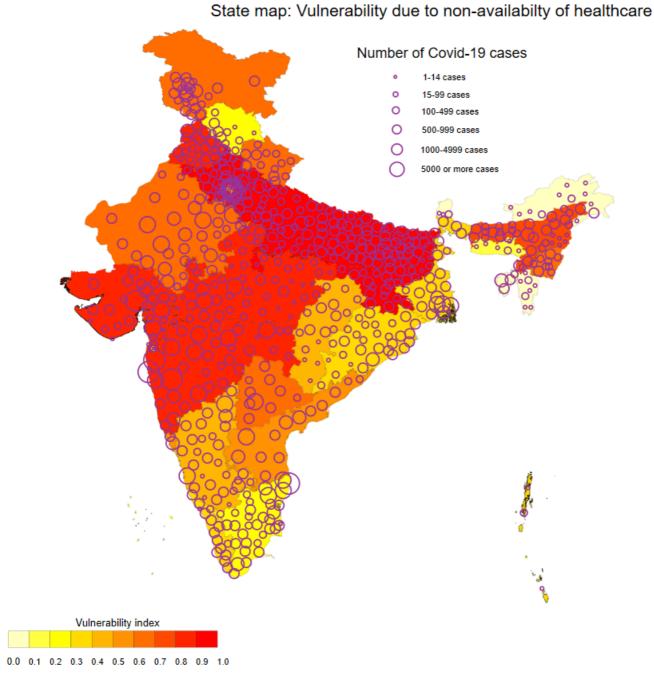


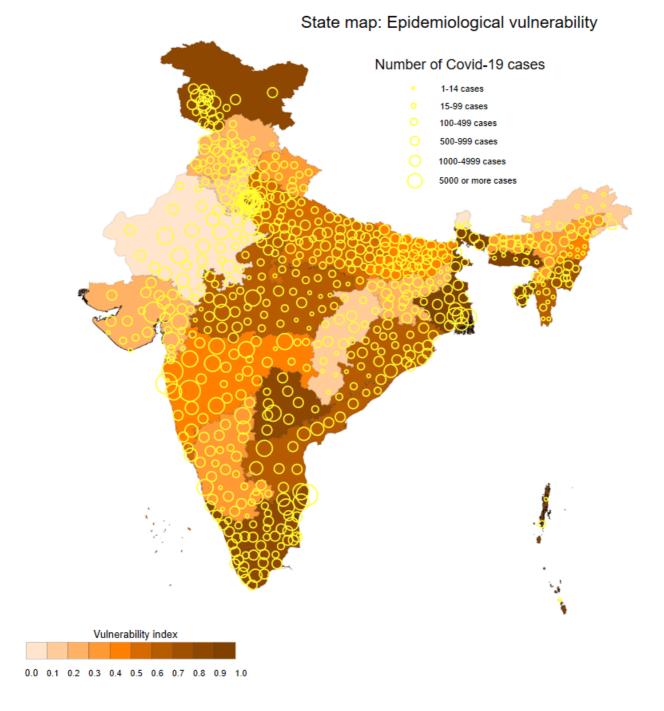
Appendix figure 2: State map for demographic vulnerability and number of confirmed COVID-19 cases as of June 17, 2020



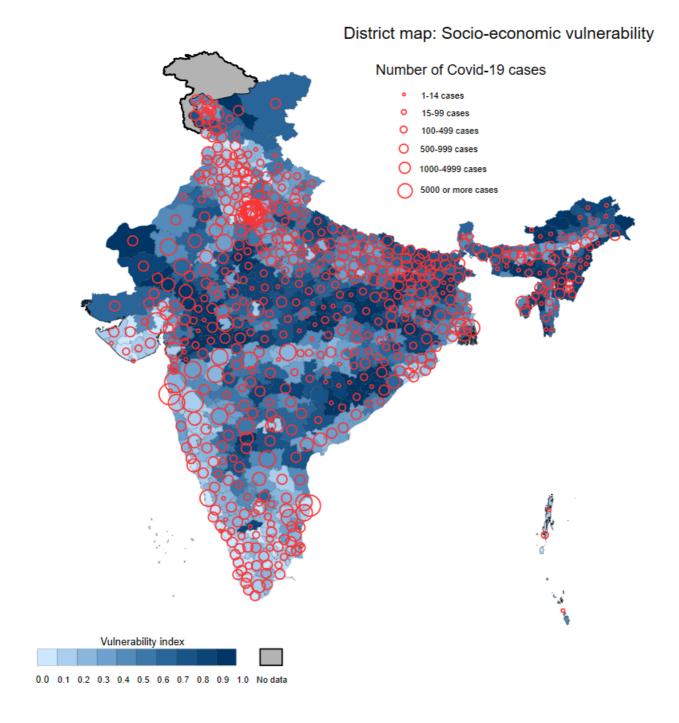


Appendix figure 4: State map for vulnerability due to non-availability of healthcare and number of confirmed COVID-19 cases as of June 17, 2020

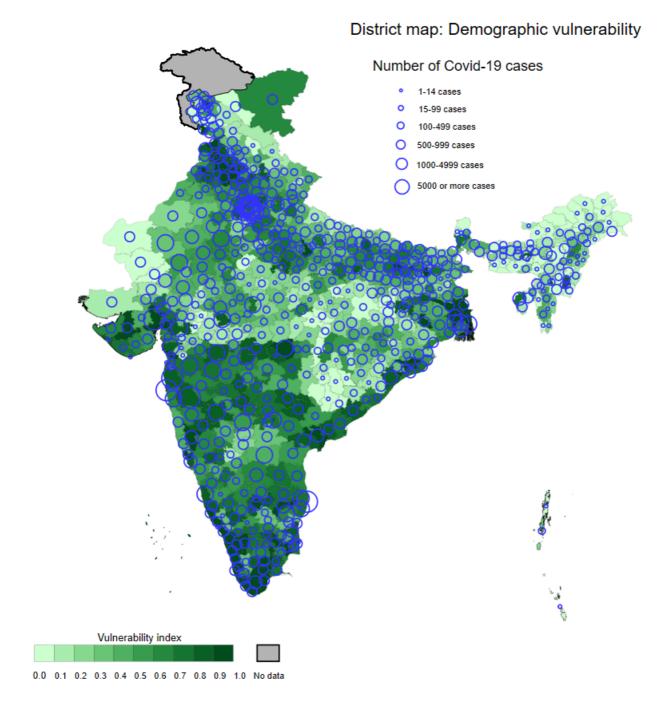




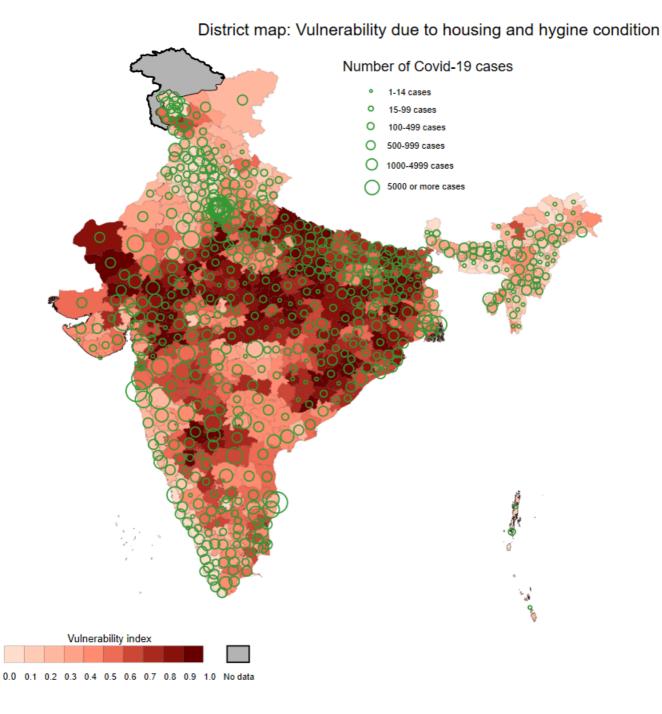
Appendix figure 6: District map for socio-economic vulnerability and number of confirmed COVID-19 cases as of June 17, 2020



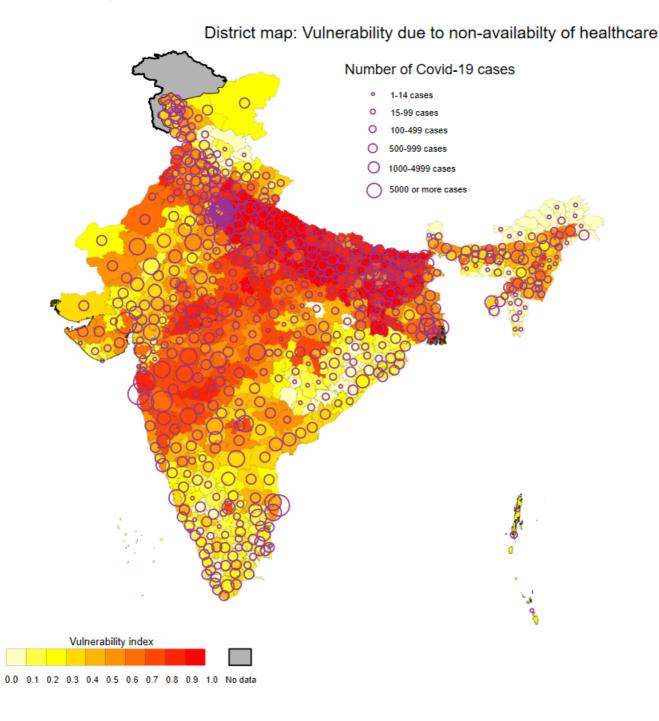
Appendix figure 7: District map for demographic vulnerability and number of confirmed COVID-19 cases as of June 17, 2020



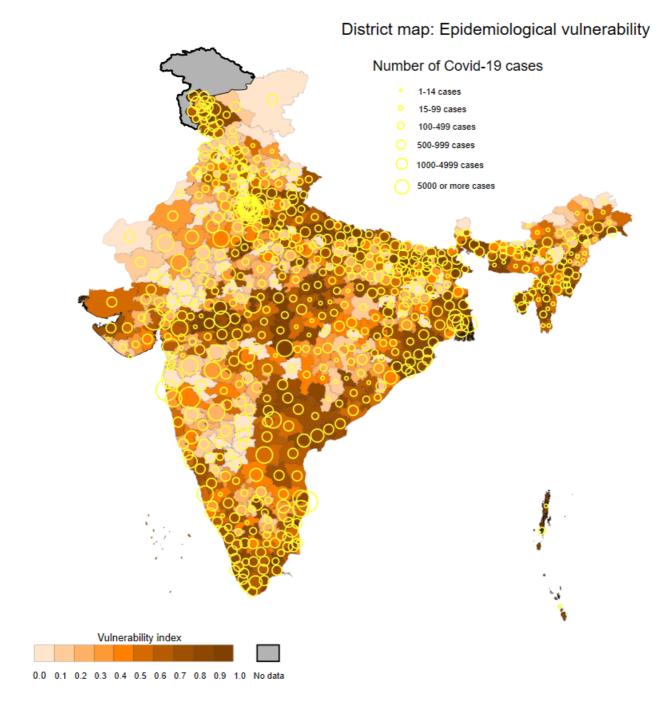
Appendix figure 8: District map for vulnerability due to poor housing and hygiene condition and number of confirmed COVID-19 cases as of June 17, 2020



Appendix figure 9: District map for vulnerability due to non-availability of health care and number of confirmed COVID-19 cases as of June 17, 2020



Appendix figure 10: District map for epidemiological vulnerability and number of confirmed COVID-19 cases as of June 17, 2020



Appendix C: District level vulnerability score

Appendix Table 1: Domain-wise and overall COVID-vulnerability score by district

State/Union Territory	District	Socio- economic vulnerability	Demographic vulnerability	Vulnerability due to housing condition	Vulnerability due to non- availability of healthcare	Epidemiological vulnerability	Overall Vulnerability
Sikkim	South District	0.311	0.103	0.000	0.063	0.009	0.000
Sikkim	North District	0.642	0.008	0.003	0.036	0.034	0.002
Sikkim	West District	0.628	0.033	0.000	0.064	0.116	0.003
Assam	Jorhat	0.059	0.302	0.155	0.252	0.164	0.005
Himachal Pradesh	Kangra	0.039	0.357	0.210	0.180	0.166	0.006
Uttarakhand	Rudraprayag	0.297	0.224	0.185	0.260	0.033	0.008
Arunachal Pradesh	Dibang Valley	0.876	0.094	0.017	0.025	0.063	0.009
Arunachal Pradesh	Lower Subansiri	0.775	0.025	0.097	0.011	0.172	0.011
Himachal Pradesh	Lahul And Spiti	0.601	0.186	0.219	0.066	0.023	0.013
Himachal Pradesh	Shimla	0.153	0.433	0.228	0.042	0.286	0.014
Arunachal Pradesh	West Siang	0.753	0.053	0.014	0.005	0.326	0.016
Arunachal Pradesh	Upper Siang	0.847	0.049	0.105	0.003	0.166	0.017
Himachal Pradesh	Mandi	0.258	0.377	0.280	0.049	0.216	0.019
Assam	Golaghat	0.127	0.080	0.171	0.462	0.354	0.020
Assam	Nalbari	0.111	0.227	0.045	0.235	0.576	0.022
Himachal Pradesh	Chamba	0.560	0.138	0.360	0.039	0.103	0.023
Jammu and Kashmir	Raramula	0.261	0.189	0.039	0.383	0.338	0.025
Arunachal Pradesh	Baramula East Siang	0.261	0.189	0.039	0.383	0.562	0.025
Haryana	Panchkula	0.520	0.116	0.088	0.391	0.562	0.027
Arunachal Pradesh	Kurung Kumey	0.995	0.002	0.078	0.009	0.008	0.028
Assam	Udalguri	0.567	0.002	0.119	0.371	0.177	0.030
Uttarakhand	Chamoli	0.388	0.316	0.119	0.408	0.027	0.033
Arunachal Pradesh	Papumpare	0.598	0.117	0.183	0.139	0.296	0.034
Uttarakhand	Tehri Garhwal	0.365	0.329	0.374	0.230	0.049	0.036
Himachal Pradesh	Kullu	0.260	0.092	0.347	0.158	0.501	0.038
Himachal Pradesh	Kinnaur	0.509	0.178	0.264	0.053	0.365	0.039
Kerala	Idukki	0.019	0.335	0.047	0.078	0.892	0.041
Tamil Nadu	Dharmapuri	0.182	0.385	0.520	0.122	0.196	0.042
Himachal Pradesh	Sirmaur	0.415	0.279	0.396	0.130	0.191	0.044
Arunachal Pradesh	Upper Subansiri	0.953	0.042	0.293	0.020	0.124	0.045
Delhi	Central	0.100	0.928	0.097	0.125	0.208	0.047
Meghalaya	South Garo Hills	0.407	0.003	0.013	0.038	0.998	0.049
Uttarakhand	Almora	0.382	0.388	0.243	0.415	0.053	0.050
Delhi	West	0.034	0.983	0.030	0.290	0.152	0.052
Arunachal Pradesh	Lohit	0.790	0.075	0.390	0.016	0.224	0.053
Arunachal Pradesh	Tawang	0.984	0.103	0.200	0.027	0.185	0.055
Assam	Baksa	0.516	0.131	0.149	0.654	0.050	0.056
Karnataka	Kodagu	0.279	0.394	0.144	0.131	0.556	0.058
Maharashtra	Sindhudurg	0.214	0.424	0.116	0.468	0.288	0.059
Himachal Pradesh	Una	0.089	0.397	0.164	0.444	0.427	0.061
Puducherry	Yanam	0.066	0.875	0.180	0.185	0.227	0.063
Daman&Diu Kerala	Diu Wayanad	0.038 0.147	0.969 0.385	0.308 0.164	0.085 0.061	0.133 0.776	0.063 0.066
A&N Islands	South Andaman	0.027	0.202	0.050	0.279	0.776	0.067
Mizoram	Champhai Champhai	0.590	0.202	0.030	0.279	0.552	0.067
Tamil Nadu	The Nilgiris	0.166	0.740	0.338	0.041	0.268	0.070
Himachal Pradesh	Solan	0.236	0.290	0.269	0.121	0.645	0.072
Himachal Pradesh	Bilaspur	0.119	0.457	0.310	0.156	0.523	0.074
Assam	Chirang	0.667	0.050	0.249	0.315	0.304	0.075
Arunachal Pradesh	Tirap	0.962	0.038	0.232	0.022	0.341	0.077
Chhattisgarh	Rajnandgaon	0.324	0.099	0.548	0.238	0.388	0.078
Assam	Lakhimpur	0.427	0.155	0.322	0.441	0.252	0.080
Gujarat	Junagadh	0.097	0.709	0.426	0.192	0.175	0.081
Haryana	Sonipat	0.045	0.750	0.113	0.685	0.016	0.083
Assam	Barpeta	0.454	0.196	0.194	0.315	0.452	0.085
Himachal Pradesh	Hamirpur	0.114	0.552	0.239	0.196	0.515	0.086
Meghalaya	West Khasi Hills	0.991	0.013	0.036	0.077	0.504	0.088
A&N Islands	North & Middle Andaman	0.163	0.063	0.153	0.247	0.995	0.089
Chhattisgarh	Uttar Bastar Kanker	0.571	0.113	0.609	0.103	0.227	0.091
Arunachal Pradesh	Lower Dibang Valley	0.704	0.055	0.305	0.055	0.505	0.092
Uttarakhand	Uttarkashi	0.565	0.130	0.510	0.263	0.161	0.094
Arunachal Pradesh	West Kameng	0.908	0.044	0.235	0.045	0.402	0.095

State/Union	District	Socio- economic	Demographic	Vulnerability due to housing	Vulnerability due to non- availability of	Epidemiological	Overall
Territory	District East District	vulnerability 0.313	vulnerability 0.448	condition 0.011	healthcare 0.194	vulnerability 0.689	Vulnerability 0.097
Sikkim Jammu and	East District	0.313	0.448	0.011	0.194	0.089	0.097
Kashmir	Shupiyan	0.385	0.282	0.053	0.491	0.457	0.099
Kerala	Kasaragod	0.022	0.966	0.023	0.224	0.441	0.100
Meghalaya	Jaintia Hills	1.000	0.005	0.136	0.052	0.488	0.102
Haryana	Panipat	0.042	0.775	0.049	0.818	0.000	0.103
Meghalaya	Ribhoi	0.994	0.020	0.135	0.142	0.394	0.105
Rajasthan	Jhunjhunun	0.307	0.631	0.205	0.277	0.268	0.106
Rajasthan	Ajmer	0.230	0.504	0.310	0.504	0.141	0.108
Mizoram	Saiha	0.690	0.241	0.111	0.017	0.635	0.110
Haryana	Mahendragarh	0.055 0.044	0.595 0.973	0.304 0.108	0.646 0.266	0.102 0.313	0.111 0.113
Chandigarh Haryana	Chandigarh Karnal	0.044	0.742	0.108	0.678	0.031	0.113
Haryana	Kurukshetra	0.202	0.861	0.061	0.653	0.070	0.114
Jammu and	Kuruksiiciia	0.081	0.801	0.001	0.033	0.070	0.110
Kashmir	Leh	0.632	0.601	0.218	0.247	0.044	0.117
Assam	Kamrup	0.291	0.160	0.191	0.615	0.485	0.119
Jammu and	i i						
Kashmir	Kargil	0.901	0.088	0.324	0.282	0.149	0.121
Kerala	Pathanamthitta	0.011	0.664	0.085	0.099	0.890	0.122
Assam	Kokrajhar	0.729	0.056	0.146	0.327	0.496	0.124
Kerala	Kottayam	0.002	0.972	0.020	0.102	0.660	0.125
Jammu and							
Kashmir	Pulwama	0.236	0.709	0.027	0.582	0.203	0.127
Assam	Dibrugarh	0.241	0.266	0.196	0.690	0.371	0.128
Tamil Nadu	Salem	0.197	0.682	0.466	0.214	0.205	0.130
Punjab Punjab	Hoshiarpur Fatehgarh Sahib	0.175 0.164	0.820 0.942	0.095 0.171	0.592 0.391	0.094 0.121	0.131 0.133
Nagaland	Phek	0.164	0.942	0.171	0.326	0.121	0.135
Karnataka	Mandya	0.230	0.668	0.541	0.097	0.244	0.136
Rajasthan	Churu	0.754	0.315	0.380	0.271	0.078	0.138
Punjab	Jalandhar	0.178	0.977	0.044	0.551	0.055	0.139
Mizoram	Serchhip	0.526	0.399	0.169	0.005	0.709	0.141
Haryana	Bhiwani	0.100	0.474	0.238	0.665	0.330	0.141
Gujarat	Mahesana	0.108	0.707	0.571	0.200	0.222	0.144
Mizoram	Mamit	0.936	0.088	0.244	0.019	0.523	0.146
Delhi	North West	0.095	0.914	0.252	0.421	0.130	0.147
Assam	Nagaon	0.344	0.218	0.225	0.551	0.480	0.149
Assam	Karbi Anglong	0.820	0.019	0.407	0.480	0.094	0.150
Uttarakhand	Bageshwar	0.593	0.182	0.283	0.172	0.592	0.152
Rajasthan	Sikar	0.327	0.455	0.230	0.462	0.347	0.152
Haryana	Yamunanagar	0.146	0.851	0.133	0.649	0.047	0.155
A&N Islands	Nicobars	0.418	0.009	0.299	0.213	0.898	0.156
Assam Karnataka	Bongaigaon	0.412 0.221	0.280 0.822	0.296 0.541	0.390 0.138	0.462 0.117	0.158 0.158
Punjab	Ramanagara Barnala	0.255	0.822	0.092	0.138	0.117	0.161
Kerala	Kannur	0.233	0.987	0.016	0.175	0.651	0.163
Karnataka	Kamai	0.728	0.149	0.667	0.280	0.025	0.164
Chhattisgarh	Dhamtari	0.393	0.167	0.557	0.387	0.344	0.164
Haryana	Gurgaon	0.180	0.617	0.182	0.826	0.044	0.164
Karnataka	Davanagere	0.213	0.717	0.385	0.139	0.396	0.169
Haryana	Fatehabad	0.336	0.587	0.149	0.695	0.089	0.171
Puducherry	Mahe	0.000	1.000	0.006	0.050	0.808	0.172
Assam	Sonitpur	0.305	0.141	0.163	0.562	0.693	0.172
Punjab	Patiala	0.127	0.920	0.105	0.418	0.299	0.175
Rajasthan	Ganganagar	0.537	0.441	0.279	0.606	0.014	0.177
Daman & Diu	Daman	0.264	0.836	0.161	0.609	0.013	0.178
Haryana	Ambala	0.081	0.582	0.034	0.505	0.681	0.180
Uttarakhand	Dehradun	0.061	0.869	0.070	0.588	0.305	0.182
Karnataka	Udupi Pohtak	0.075 0.244	0.825 0.793	0.083	0.354 0.377	0.560 0.199	0.183
Haryana Rajasthan	Rohtak Jodhpur	0.244	0.793	0.285 0.443	0.377	0.199	0.185 0.186
Tamil Nadu	Namakkal	0.402	0.850	0.443	0.363	0.144	0.186
Meghalaya	East Khasi Hills	0.171	0.830	0.402	0.132	0.527	0.189
Tamil Nadu	Tiruvannamalai	0.820	0.282	0.579	0.111	0.329	0.191
Tamil Nadu	Vellore	0.142	0.933	0.313	0.111	0.324	0.191
Karnataka	Shimoga	0.228	0.676	0.147	0.221	0.640	0.194
Gujarat	Navsari	0.302	0.923	0.382	0.211	0.097	0.196
Karnataka	Uttara Kannada	0.167	0.557	0.208	0.243	0.742	0.197
Delhi	New Delhi	0.141	0.798	0.067	0.034	0.878	0.199
Punjab	Sangrur	0.254	0.825	0.081	0.498	0.264	0.200
Odisha	Baudh	0.632	0.249	0.926	0.080	0.038	0.202

Perritory District Valuerability Value			e .		X7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Vulnerability		
Interpretary District Valuerability Va	State/Union			Demographic	•		Enidemiological	Overall
Darning		District					• • • • • • • • • • • • • • • • • • • •	Vulnerability
Coo. North Coo. O.027 O.934 O.127 O.268 O.577 O.	Haryana	Hisar	0.202	0.654	0.108	0.739	0.225	0.203
Rudocherry Karrakal 0.080 0.984 0.327 0.074 0.479 0.479 0.520 0.543 0.471 0.318 0.471 0.318 0.471 0.318 0.471 0.318 0.471 0.318 0.471 0.318 0.471 0.318 0.471 0.318 0.472 0.083 0.050 0.085 0.055 0.124 0.097 0.472 0.083 0.050 0.085 0.095 0.085 0.085 0.095 0.085 0.095 0.085 0.095 0.085 0.095 0.086 0.095 0.09								0.205
Maharashra Gondiya 0.297 0.520 0.343 0.471 0.318 Common Mahawa 0.199 0.778 0.387 0.083 0.505 Composition 0.766 0.031 0.025 0.124 0.997 Common Methods 0.081 0.005 0.124 0.997 Common Methods 0.081 0.005 0.0164 0.122 0.748 Common Methods 0.068 0.991 0.064 0.152 0.748 Common Methods 0.068 0.091 0.064 0.059 0.066 0.152 0.748 Common Methods 0.068 0								0.207
Tamil Nasha Karur								0.208
Megahalaya								0.210 0.211
Arnuachal Prodesh Changlang 0.853 0.022 0.210 0.033 0.837 Kernala Kozhikode 0.008 0.0991 0.064 0.152 0.748 Conjunt 0.085 0.094 0.052 0.748 Conjunt 0.085 0.004 0.773 0.308 0.036 Conjunt 0.086 0.004 0.773 0.308 0.036 Conjunt 0.004 0.000 0.015 0.155 0.182 0.700 Conjunt 0.000 0.001 0.000 0.001 0.000 Conjunt 0.000 0.001 0.000 0.000 0.000 Conjunt 0.000 0.000 0.000 Conjunt								0.211
Kerala Koznikode 0.008 0.991 0.064 0.152 0.748 Column Col								0.213
Separatalaka Dakshina Karmada O.061 O.886 O.164 O.490 O.302 Cojarat Soborlanatha O.364 O.346 O.344 O.773 O.388 O.366 C. Caranataka Chamagalur O.271 O.512 O.484 O.233 O.468 C. Caranataka Chamagalur O.271 O.512 O.484 O.233 O.468 C. Caranataka Chamagalur O.271 O.512 O.484 O.233 O.468 C. Caranataka C. Caranataka O.271 O.512 O.484 O.233 O.468 C. Caranataka C. Caranataka O.271 O.512 O.484 O.233 O.468 C. Caranataka O.271 O.208 O.603 O.075 O.357 O.358 O.462 O.340 O.662 O.300 O.662 O.300 O.670 O.369 O.662 O.300 O.662 O.300 O.662 O.300 O.670 O.369 O.662 O.300 O.662 O.		U U						0.216
Karnataka Chikmagalur 0.371 0.512 0.484 0.233 0.468 Chikarataka 0.200 0.915 0.156 0.182 0.700 Chihattagarh Korna (Koriya) 0.731 0.208 0.603 0.075 0.357 0.357 0.357 0.208 0.000 0.421 0.002 0.356 Chihattagarh Anjaw 0.959 0.000 0.421 0.002 0.356 Chihattagarh 0.318 0.462 0.340 0.662 0.300 Chihattagarh 0.324 0.485 0.114 0.070 0.989 Chihattagarh 0.707 0.066 0.496 0.235 Chihattagarh 0.552 0.426 0.790 0.106 0.437 Chihattagarh 0.591 0	Karnataka	Dakshina Kannada	0.061		0.164	0.490	0.362	0.216
Rerala Palakada 0.020 0.915 0.156 0.182 0.700 0.001	Gujarat	Sabarkantha			0.773		0.036	0.219
Chhattsgearh								0.219
Arouachal Pradesh Anjaw 0.959 0.000 0.421 0.002 0.596 0.000								0.222
Uttarekhand								0.222
Mizroram								0.225 0.227
Punijab								0.227
Tamil Nadu								0.230
Nagaland Kiphire 0.951 0.153 0.152 0.313 0.437 0.161								0.232
Haryana						0.106		0.233
Delhi								0.235
Karnataka Kolar 0.390 0.847 0.369 0.161 0.247 0.69 0.161 0.247 0.69 0.161 0.247 0.69 0.161 0.247 0.69 0.161 0.762 0.382 0.325 0.325 0.325 0.325 0.326 0.282 0.335 0.320 0.293 0.430 0.246 0.282 0.325 0.325 0.326 0.714 0.103 0.268 0.326 0.326 0.714 0.103 0.268 0.326 0.326 0.714 0.103 0.268 0.326 0.326 0.714 0.103 0.268 0.326 0.326 0.714 0.103 0.268 0.326 0.326 0.714 0.103 0.268 0.326 0.326 0.714 0.103 0.268 0.326 0.326 0.714 0.103 0.268 0.326 0.326 0.728 0.326 0.326 0.326 0.728 0.326 0.326 0.326 0.728 0.326 0.326 0.326 0.728 0.326 0.326 0.326 0.728 0.326 0.32								0.236
Gujarat								0.238
Tamil Nadu								0.239 0.241
Gujarat Porbandar 0.199 0.829 0.435 0.330 0.246 0.79 0		- C						0.241
Panjab								0.243
Tamil Nadu								0.244
Rashmir Ganderbal 0.432 0.529 0.056 0.302 0.728								0.247
Thiruvananthapura	Jammu and							
Kerala	Kashmir		0.432	0.529	0.056	0.302	0.728	0.249
Cehattisgarh Bastar 0.886 0.095 0.998 0.019 0.111 0.915 0.128 Centrify 0.003 0.989 0.042 0.197 0.182 Centrify 0.003 0.989 0.042 0.197 0.823 Centrify 0.003 0.989 0.042 0.197 0.823 Centrify 0.086 0.833 0.216 0.380 0.543 Centrify 0.088 0.383 0.795 Centrify 0.088 0.088 0.795 Centrify 0.091 0.113 Centrify 0.088 0.341 0.399 Centrify 0.088 0.341 0.399 Centrify 0.095 0.480 0.341 0.399 Centrify 0.097 0.773 Centrify 0.0975 0.009 0.297 0.773 Centrify 0.0975 Centrify 0.0980 0.100 0.430 0.537 Centrify 0.0980 0.0980 0.100 0.430 0.537 Centrify 0.0980	** 1	_	0.022	0.005	0.055	0.100	0.055	0.250
Chhattisgarh Bastar 0.886 0.052 0.797 0.191 0.128 C Kerala Thrissur 0.003 0.989 0.042 0.197 0.823 0 Sahibzada Ajit Singh Nagar 0.086 0.833 0.216 0.380 0.543 0 Jammu and Singh Nagar 0.086 0.833 0.216 0.380 0.543 0 Kashmir Badgam 0.399 0.451 0.033 0.383 0.795 0 Odisha Gajapati 0.983 0.127 0.750 0.091 0.113 0 Kerala Amreli 0.150 0.695 0.480 0.341 0.399 0 Kerala Malappuram 0.017 0.975 0.009 0.297 0.773 0 Assam Sivasagar 0.161 0.222 0.329 0.407 0.955 0 Delhi East 0.030 0.980 0.100 0.430 0.537 0								0.250 0.250
Neerala								0.254
Sahibzada Ajit Singh Nagar 0.086 0.833 0.216 0.380 0.543 0.543 Cammu and Kashmir Badgam 0.399 0.451 0.033 0.383 0.795 Cammu and Kashmir Badgam 0.399 0.451 0.033 0.383 0.795 Cammu and Kashmir Cammu a								0.255
Punjab Singh Nagar 0.086 0.833 0.216 0.380 0.543 0.543 0.543 0.543 0.543 0.543 0.543 0.543 0.543 0.543 0.543 0.543 0.543 0.543 0.543 0.543 0.543 0.545 0.675 0.695 0.480 0.341 0.399 0.695 0.480 0.341 0.399 0.6848 0.341 0.399 0.6848 0.341 0.399 0.6848 0.341 0.399 0.6848 0.341 0.399 0.6848 0.341 0.399 0.6848 0.610 0.119 0.174 0.435 0.734 0.6858 0.695 0.695 0.695 0.695 0.695 0.697 0.773 0.6848 0.610 0.610 0.119 0.174 0.435 0.734 0.695 0.695 0.695 0.696 0.695 0.696 0.695 0.696 0.695 0.696 0.695 0.696 0.698 0.696 0.698 0.695 0.695 0.696 0.698	Teruiu		0.003	0.707	0.012	0.177	0.023	0.233
Kashmir Badgam 0.399 0.451 0.033 0.383 0.795 0 Odisha Gajapati 0.983 0.127 0.750 0.091 0.113 0 Gujarat Amreli 0.150 0.695 0.480 0.341 0.399 0 Kerala Malappuram 0.017 0.975 0.009 0.297 0.773 0 Assam Hailakandi 0.610 0.119 0.174 0.435 0.734 0 Assam Hailakandi 0.610 0.119 0.140 0.430 0.537 0 Delhi East 0.030 0.980 0.100 0.430 0.537 0	Punjab		0.086	0.833	0.216	0.380	0.543	0.257
Odisha Gajapati 0.983 0.127 0.750 0.091 0.113 C Gujarat Amreli 0.150 0.695 0.480 0.341 0.399 C Kerala Malappuram 0.017 0.975 0.009 0.297 0.773 C Assam Hailakandi 0.610 0.119 0.174 0.435 0.734 C Assam Sivasagar 0.161 0.222 0.329 0.407 0.955 C Delhi East 0.030 0.980 0.100 0.430 0.537 C Tamil Nadu Perambalur 0.338 0.545 0.626 0.056 0.513 C Tamil Nadu Nagapattinam 0.224 0.779 0.532 0.136 0.408 C Chhattisgarh Datkshin Bastar 0.975 0.044 0.756 0.199 0.108 C Karnataka Bangalore Rural 0.252 0.804 0.463 0.272 0.305 <								
Gujarat Amreli 0.150 0.695 0.480 0.341 0.399 C Kerala Malappuram 0.017 0.975 0.009 0.297 0.773 C Assam Hailakandi 0.610 0.119 0.174 0.435 0.734 C Assam Sivasagar 0.161 0.222 0.329 0.407 0.955 C Delhi East 0.030 0.980 0.100 0.430 0.537 C Tamil Nadu Perambalur 0.338 0.545 0.626 0.056 0.513 C Rajasthan Bikaner 0.457 0.297 0.366 0.628 0.332 C Tamil Nadu Nagapatinam 0.224 0.779 0.532 0.136 0.408 C Chhattisgarh Dantewada 0.975 0.044 0.756 0.199 0.108 C Karnataka Bangalore Rural 0.252 0.804 0.463 0.272 0.305 C<								0.258
Kerala Malappuram 0.017 0.975 0.009 0.297 0.773 C Assam Hailakandi 0.610 0.119 0.174 0.435 0.734 0 Assam Sivasagar 0.161 0.222 0.329 0.407 0.955 0 Delhi East 0.030 0.980 0.100 0.430 0.537 0 Tamil Nadu Perambalur 0.338 0.545 0.626 0.056 0.513 0 Rajasthan Bikaner 0.457 0.297 0.366 0.628 0.332 0 Tamil Nadu Nagapattinam 0.224 0.779 0.532 0.136 0.408 0 Chhattisgarh Dantewada 0.975 0.044 0.756 0.199 0.108 0 Karnataka Bangalore Rural 0.252 0.804 0.463 0.272 0.305 0 Karnataka Bangalore Rural 0.252 0.804 0.463 0.272 0.305								0.260
Assam Hailakandi 0.610 0.119 0.174 0.435 0.734 0 Assam Sivasagar 0.161 0.222 0.329 0.407 0.955 0 Delhi East 0.030 0.980 0.100 0.430 0.537 0 Tamil Nadu Perambalur 0.338 0.545 0.626 0.056 0.513 0 Rajasthan Bikaner 0.457 0.297 0.366 0.628 0.332 0 Tamil Nadu Nagapattinam 0.224 0.779 0.532 0.136 0.408 0 Tamil Nadu Nagapattinam 0.224 0.779 0.532 0.136 0.408 0 Tamil Nadu Nagapattinam 0.224 0.779 0.532 0.136 0.408 0 Tamil Nadu Nagapattinam 0.224 0.779 0.532 0.136 0.408 0 0 0.088 0.350 0.076 0.366 0.626 0.319 0 0.1								0.261 0.263
Assam Sivasagar 0.161 0.222 0.329 0.407 0.955 0 Delhi East 0.030 0.980 0.100 0.430 0.537 0 Tamil Nadu Perambalur 0.338 0.545 0.626 0.056 0.513 0 Rajasthan Bikaner 0.457 0.297 0.366 0.628 0.332 0 Tamil Nadu Nagapattinam 0.224 0.779 0.532 0.136 0.408 0 Dakshin Bastar Dantewada 0.975 0.044 0.756 0.199 0.108 0 Maharashtra Satara 0.149 0.670 0.368 0.756 0.149 0 Karnataka Bangalore Rural 0.252 0.804 0.463 0.272 0.305 0 Manipur Churachandpur 0.854 0.059 0.207 0.449 0.529 0 Punjab Moga 0.360 0.775 0.130 0.526 0.310								0.263
Delhi								0.266
Rajasthan Bikaner 0.457 0.297 0.366 0.628 0.332 0.332 0.332 0.332 0.332 0.332 0.332 0.332 0.332 0.332 0.332 0.3362 0.3492 0.3492 0.3494 0.3493 0.3463 0.275 0.3368 0.756 0.349 0.3492 0.3493 0.2472 0.3684 0.3312 0.3332		East						0.268
Tamil Nadu Nagapattinam 0.224 0.779 0.532 0.136 0.408 C Chhattisgarh Dakshin Bastar 0.975 0.044 0.756 0.199 0.108 C Maharashtra Satara 0.149 0.670 0.368 0.756 0.149 C Karnataka Bangalore Rural 0.252 0.804 0.463 0.272 0.305 C Nagaland Mon 0.989 0.171 0.185 0.599 0.153 C Manipur Churachandpur 0.854 0.059 0.207 0.449 0.529 C Punjab Moga 0.360 0.775 0.130 0.526 0.310 C Nagaland Longleng 0.934 0.247 0.227 0.376 0.319 C Gujarat Surendranagar 0.455 0.401 0.737 0.257 0.254 C Maharashtra Gadchiroli 0.725 0.224 0.415 0.282 0.471 </td <td>Tamil Nadu</td> <td></td> <td></td> <td></td> <td>0.626</td> <td></td> <td></td> <td>0.269</td>	Tamil Nadu				0.626			0.269
Chhattisgarh Dakshin Bastar Dantewada 0.975 0.044 0.756 0.199 0.108 C Maharashtra Satara 0.149 0.670 0.368 0.756 0.149 0 Karnataka Bangalore Rural 0.252 0.804 0.463 0.272 0.305 0 Nagaland Mon 0.989 0.171 0.185 0.599 0.153 0 Manipur Churachandpur 0.854 0.059 0.207 0.449 0.529 0 Punjab Moga 0.360 0.775 0.130 0.526 0.310 0 Nagaland Longleng 0.934 0.247 0.227 0.376 0.319 0 Gujarat Surendranagar 0.455 0.401 0.737 0.257 0.254 0 Maharashtra Gadchiroli 0.725 0.224 0.415 0.282 0.471 0 Karnataka Haveri 0.552 0.473 0.682 0.236 0.17								0.271
Chhattisgarh Dantewada 0.975 0.044 0.756 0.199 0.108 C Maharashtra Satara 0.149 0.670 0.368 0.756 0.149 0 Karnataka Bangalore Rural 0.252 0.804 0.463 0.272 0.305 0 Nagaland Mon 0.989 0.171 0.185 0.599 0.153 0 Manipur Churachandpur 0.854 0.059 0.207 0.449 0.529 0 Punjab Moga 0.360 0.775 0.130 0.526 0.310 0 Nagaland Longleng 0.934 0.247 0.227 0.376 0.319 0 Gujarat Surendranagar 0.455 0.401 0.737 0.257 0.254 0 Maharashtra Gadchiroli 0.725 0.224 0.415 0.282 0.471 0 Karnataka Haveri 0.552 0.473 0.682 0.236 0.174	Tamil Nadu		0.224	0.779	0.532	0.136	0.408	0.271
Maharashtra Satara 0.149 0.670 0.368 0.756 0.149 0 Karnataka Bangalore Rural 0.252 0.804 0.463 0.272 0.305 0 Nagaland Mon 0.989 0.171 0.185 0.599 0.153 0 Manipur Churachandpur 0.854 0.059 0.207 0.449 0.529 0 Punjab Moga 0.360 0.775 0.130 0.526 0.310 0 Nagaland Longleng 0.934 0.247 0.227 0.376 0.319 0 Gujarat Surendranagar 0.455 0.401 0.737 0.257 0.254 0 Maharashtra Gadchiroli 0.725 0.224 0.415 0.282 0.471 0 Karnataka Haveri 0.552 0.473 0.682 0.236 0.174 0 Mizoram Lunglei 0.615 0.433 0.128 0.030 0.917 0 </td <td>Chhatticoarh</td> <td></td> <td>0.975</td> <td>0.044</td> <td>0.756</td> <td>0.100</td> <td>0.108</td> <td>0.274</td>	Chhatticoarh		0.975	0.044	0.756	0.100	0.108	0.274
Karnataka Bangalore Rural 0.252 0.804 0.463 0.272 0.305 C Nagaland Mon 0.989 0.171 0.185 0.599 0.153 C Manipur Churachandpur 0.854 0.059 0.207 0.449 0.529 C Punjab Moga 0.360 0.775 0.130 0.526 0.310 C Nagaland Longleng 0.934 0.247 0.227 0.376 0.319 C Gujarat Surendranagar 0.455 0.401 0.737 0.257 0.254 C Maharashtra Gadchiroli 0.725 0.224 0.415 0.282 0.471 C Karnataka Haveri 0.552 0.473 0.682 0.236 0.174 C Delhi North East 0.072 0.864 0.131 0.510 0.545 C Mizoram Lunglei 0.615 0.433 0.128 0.030 0.917 C <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.275</td>								0.275
Nagaland Mon 0.989 0.171 0.185 0.599 0.153 0 Manipur Churachandpur 0.854 0.059 0.207 0.449 0.529 0 Punjab Moga 0.360 0.775 0.130 0.526 0.310 0 Nagaland Longleng 0.934 0.247 0.227 0.376 0.319 0 Gujarat Surendranagar 0.455 0.401 0.737 0.257 0.254 0 Maharashtra Gadchiroli 0.725 0.224 0.415 0.282 0.471 0 Karnataka Haveri 0.552 0.473 0.682 0.236 0.174 0 Delhi North East 0.072 0.864 0.131 0.510 0.545 0 Mizoram Lunglei 0.615 0.433 0.128 0.030 0.917 0 Kerala Ernakulam 0.009 0.994 0.028 0.189 0.897 0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.277</td>								0.277
Manipur Churachandpur 0.854 0.059 0.207 0.449 0.529 0 Punjab Moga 0.360 0.775 0.130 0.526 0.310 0 Nagaland Longleng 0.934 0.247 0.227 0.376 0.319 0 Gujarat Surendranagar 0.455 0.401 0.737 0.257 0.254 0 Maharashtra Gadchiroli 0.725 0.224 0.415 0.282 0.471 0 Karnataka Haveri 0.552 0.473 0.682 0.236 0.174 0 Delhi North East 0.072 0.864 0.131 0.510 0.545 0 Mizoram Lunglei 0.615 0.433 0.128 0.030 0.917 0 Kerala Kollam 0.016 0.994 0.028 0.189 0.897 0 Kerala Ernakulam 0.009 0.997 0.022 0.225 0.872 0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.277</td>								0.277
Nagaland Longleng 0.934 0.247 0.227 0.376 0.319 0 Gujarat Surendranagar 0.455 0.401 0.737 0.257 0.254 0 Maharashtra Gadchiroli 0.725 0.224 0.415 0.282 0.471 0 Karnataka Haveri 0.552 0.473 0.682 0.236 0.174 0 Delhi North East 0.072 0.864 0.131 0.510 0.545 0 Mizoram Lunglei 0.615 0.433 0.128 0.030 0.917 0 Kerala Kollam 0.016 0.994 0.028 0.189 0.897 0 Kerala Ernakulam 0.009 0.997 0.022 0.225 0.872 0 Punjab Muktsar 0.393 0.717 0.222 0.703 0.091 0 Nagaland Tuensang 0.964 0.260 0.177 0.413 0.313 0 <td>Manipur</td> <td>Churachandpur</td> <td>0.854</td> <td>0.059</td> <td>0.207</td> <td>0.449</td> <td>0.529</td> <td>0.280</td>	Manipur	Churachandpur	0.854	0.059	0.207	0.449	0.529	0.280
Gujarat Surendranagar 0.455 0.401 0.737 0.257 0.254 0 Maharashtra Gadchiroli 0.725 0.224 0.415 0.282 0.471 0 Karnataka Haveri 0.552 0.473 0.682 0.236 0.174 0 Delhi North East 0.072 0.864 0.131 0.510 0.545 0 Mizoram Lunglei 0.615 0.433 0.128 0.030 0.917 0 Kerala Kollam 0.016 0.994 0.028 0.189 0.897 0 Kerala Ernakulam 0.009 0.997 0.022 0.225 0.872 0 Punjab Muktsar 0.393 0.717 0.222 0.703 0.091 0 Nagaland Tuensang 0.964 0.260 0.177 0.413 0.313 0 Rajasthan Jaisalmer 0.911 0.039 0.829 0.291 0.056 0 <								0.282
Maharashtra Gadchiroli 0.725 0.224 0.415 0.282 0.471 0 Karnataka Haveri 0.552 0.473 0.682 0.236 0.174 0 Delhi North East 0.072 0.864 0.131 0.510 0.545 0 Mizoram Lunglei 0.615 0.433 0.128 0.030 0.917 0 Kerala Kollam 0.016 0.994 0.028 0.189 0.897 0 Kerala Ernakulam 0.009 0.997 0.022 0.225 0.872 0 Punjab Muktsar 0.393 0.717 0.222 0.703 0.091 0 Nagaland Tuensang 0.964 0.260 0.177 0.413 0.313 0 Rajasthan Jaisalmer 0.911 0.039 0.829 0.291 0.056 0 Maharashtra Chandrapur 0.383 0.739 0.371 0.568 0.067 0								0.283
Karnataka Haveri 0.552 0.473 0.682 0.236 0.174 0 Delhi North East 0.072 0.864 0.131 0.510 0.545 0 Mizoram Lunglei 0.615 0.433 0.128 0.030 0.917 0 Kerala Kollam 0.016 0.994 0.028 0.189 0.897 0 Kerala Ernakulam 0.009 0.997 0.022 0.225 0.872 0 Punjab Muktsar 0.393 0.717 0.222 0.703 0.091 0 Nagaland Tuensang 0.964 0.260 0.177 0.413 0.313 0 Rajasthan Jaisalmer 0.911 0.039 0.829 0.291 0.056 0 Maharashtra Chandrapur 0.383 0.739 0.371 0.568 0.067 0 Karnataka Hassan 0.224 0.743 0.457 0.095 0.610 0								0.283
Delhi North East 0.072 0.864 0.131 0.510 0.545 0 Mizoram Lunglei 0.615 0.433 0.128 0.030 0.917 0 Kerala Kollam 0.016 0.994 0.028 0.189 0.897 0 Kerala Ernakulam 0.009 0.997 0.022 0.225 0.872 0 Punjab Muktsar 0.393 0.717 0.222 0.703 0.091 0 Nagaland Tuensang 0.964 0.260 0.177 0.413 0.313 0 Rajasthan Jaisalmer 0.911 0.039 0.829 0.291 0.056 0 Maharashtra Chandrapur 0.383 0.739 0.371 0.568 0.067 0 Karnataka Hassan 0.224 0.743 0.457 0.095 0.610 0 Andhra Pradesh Anantapur 0.352 0.643 0.471 0.261 0.405 0								0.286 0.288
Mizoram Lunglei 0.615 0.433 0.128 0.030 0.917 0 Kerala Kollam 0.016 0.994 0.028 0.189 0.897 0 Kerala Ernakulam 0.009 0.997 0.022 0.225 0.872 0 Punjab Muktsar 0.393 0.717 0.222 0.703 0.091 0 Nagaland Tuensang 0.964 0.260 0.177 0.413 0.313 0 Rajasthan Jaisalmer 0.911 0.039 0.829 0.291 0.056 0 Maharashtra Chandrapur 0.383 0.739 0.371 0.568 0.067 0 Karnataka Hassan 0.224 0.743 0.457 0.095 0.610 0 Andhra Pradesh Anantapur 0.352 0.643 0.471 0.261 0.405 0								0.288
Kerala Kollam 0.016 0.994 0.028 0.189 0.897 0 Kerala Ernakulam 0.009 0.997 0.022 0.225 0.872 0 Punjab Muktsar 0.393 0.717 0.222 0.703 0.091 0 Nagaland Tuensang 0.964 0.260 0.177 0.413 0.313 0 Rajasthan Jaisalmer 0.911 0.039 0.829 0.291 0.056 0 Maharashtra Chandrapur 0.383 0.739 0.371 0.568 0.067 0 Karnataka Hassan 0.224 0.743 0.457 0.095 0.610 0 Andhra Pradesh Anantapur 0.352 0.643 0.471 0.261 0.405 0								0.290
Kerala Ernakulam 0.009 0.997 0.022 0.225 0.872 0 Punjab Muktsar 0.393 0.717 0.222 0.703 0.091 0 Nagaland Tuensang 0.964 0.260 0.177 0.413 0.313 0 Rajasthan Jaisalmer 0.911 0.039 0.829 0.291 0.056 0 Maharashtra Chandrapur 0.383 0.739 0.371 0.568 0.067 0 Karnataka Hassan 0.224 0.743 0.457 0.095 0.610 0 Andhra Pradesh Anantapur 0.352 0.643 0.471 0.261 0.405 0								0.291
Punjab Muktsar 0.393 0.717 0.222 0.703 0.091 0 Nagaland Tuensang 0.964 0.260 0.177 0.413 0.313 0 Rajasthan Jaisalmer 0.911 0.039 0.829 0.291 0.056 0 Maharashtra Chandrapur 0.383 0.739 0.371 0.568 0.067 0 Karnataka Hassan 0.224 0.743 0.457 0.095 0.610 0 Andhra Pradesh Anantapur 0.352 0.643 0.471 0.261 0.405 0								0.294
Rajasthan Jaisalmer 0.911 0.039 0.829 0.291 0.056 0 Maharashtra Chandrapur 0.383 0.739 0.371 0.568 0.067 0 Karnataka Hassan 0.224 0.743 0.457 0.095 0.610 0 Andhra Pradesh Anantapur 0.352 0.643 0.471 0.261 0.405 0	Punjab	Muktsar					0.091	0.294
Maharashtra Chandrapur 0.383 0.739 0.371 0.568 0.067 0 Karnataka Hassan 0.224 0.743 0.457 0.095 0.610 0 Andhra Pradesh Anantapur 0.352 0.643 0.471 0.261 0.405 0								0.297
Karnataka Hassan 0.224 0.743 0.457 0.095 0.610 0 Andhra Pradesh Anantapur 0.352 0.643 0.471 0.261 0.405 0								0.297
Andhra Pradesh Anantapur 0.352 0.643 0.471 0.261 0.405 0								0.300
								0.302
	Andhra Pradesh Tamil Nadu	Anantapur Chennai	0.352	0.643 0.878	0.471	0.261	0.405	0.304 0.304
								0.304

		6		V-1	Vulnerability		
State/Union		Socio- economic	Demographic	Vulnerability due to housing	due to non- availability of	Epidemiological	Overall
Territory	District	vulnerability	vulnerability	condition	healthcare	vulnerability	Vulnerability
Lakshadweep	Lakshadweep	0.266	0.986	0.038	0.241	0.604	0.308
Odisha	Nuapada	0.707	0.102	0.840	0.131	0.365	0.310
Maharashtra	Bhandara	0.293	0.613	0.266	0.493	0.482	0.311
Karnataka	Tumkur	0.463	0.664	0.648	0.174	0.200	0.313
Tamil Nadu	Krishnagiri	0.216	0.319	0.576	0.205	0.834	0.315
Tamil Nadu	Erode	0.081	0.723	0.297	0.166	0.883	0.315
Karnataka	Belgaum	0.282	0.682	0.598	0.477	0.114	0.318
Karnataka	Bellary	0.701	0.429	0.645	0.351	0.030	0.319
Tamil Nadu	Tiruchirappalli	0.094	0.948	0.444	0.252	0.418	0.321
Maharashtra	Amravati	0.349	0.869	0.355	0.557	0.027	0.321
Manipur	Imphal East	0.056	0.862	0.121	0.369	0.756	0.324
Tamil Nadu	Viluppuram	0.315	0.322	0.649	0.128	0.754	0.326
Punjab	Firozpur Sirsa	0.424	0.567	0.139	0.803	0.239	0.327
Haryana Odisha	Anugul	0.407 0.505	0.576 0.228	0.116 0.662	0.721 0.163	0.357 0.620	0.329 0.330
Rajasthan	Alwar	0.527	0.228	0.662	0.163	0.820	0.332
Nagaland	Zunheboto	0.837	0.570	0.336	0.207	0.302	0.332
Tamil Nadu	Kanniyakumari	0.006	0.992	0.272	0.402	0.746	0.332
Puducherry	Puducherry	0.000	0.833	0.316	0.264	0.704	0.336
Gujarat	Kachchh	0.674	0.161	0.501	0.358	0.501	0.338
Maharashtra	Ratnagiri	0.329	0.496	0.275	0.576	0.523	0.340
Assam	Goalpara	0.734	0.189	0.302	0.294	0.681	0.341
Haryana	Kaithal	0.272	0.729	0.257	0.700	0.243	0.343
Gujarat	Tapi	0.840	0.255	0.759	0.144	0.202	0.343
Punjab	Kapurthala	0.219	0.939	0.069	0.446	0.529	0.346
Jammu and							
Kashmir	Anantnag	0.358	0.412	0.058	0.545	0.833	0.347
Uttar Pradesh	Lucknow	0.239	0.792	0.352	0.756	0.069	0.349
Mizoram	Lawngtlai	0.955	0.067	0.423	0.146	0.624	0.351
Goa	South Goa	0.031	0.864	0.202	0.532	0.585	0.351
Rajasthan	Pali	0.607	0.556	0.545	0.166	0.341	0.354
Mizoram	Kolasib	0.673	0.374	0.197	0.008	0.966	0.355
Punjab	Gurdaspur	0.106	0.926	0.266	0.767	0.155	0.357
Manipur	Tamenglong Gulbarga	0.966	0.072	0.316	0.443	0.426	0.358
Karnataka		0.510	0.581	0.703	0.435	0.000	0.360
Tamil Nadu Uttarakhand	Pudukkottai Nainital	0.122 0.222	0.676 0.518	0.656 0.192	0.094 0.459	0.695 0.856	0.362 0.363
Meghalaya	East Garo Hills	0.222	0.030	0.192	0.439	1.000	0.363
Maharashtra	Raigarh	0.114	0.664	0.073	0.797	0.388	0.366
Rajasthan	Nagaur	0.631	0.427	0.524	0.310	0.365	0.368
Assam	Morigaon	0.646	0.152	0.363	0.257	0.844	0.369
Gujarat	Bhavnagar	0.174	0.549	0.521	0.570	0.449	0.371
Assam	Karimganj	0.606	0.155	0.232	0.696	0.574	0.371
Gujarat	Patan	0.654	0.382	0.736	0.218	0.274	0.371
Chhattisgarh	Korba	0.524	0.261	0.651	0.421	0.408	0.376
Tripura	South Tripura	0.712	0.142	0.332	0.091	0.991	0.377
Rajasthan	Jaipur	0.302	0.618	0.351	0.560	0.441	0.379
Tripura	Dhalai	0.900	0.070	0.496	0.031	0.775	0.379
Assam	Dima Hasao	0.884	0.121	0.412	0.296	0.562	0.382
Chhattisgarh	Narayanpur	0.890	0.022	0.879	0.045	0.440	0.383
Delhi	South	0.056	0.859	0.199	0.571	0.593	0.385
Uttarakhand	Pithoragarh	0.490	0.407	0.254	0.363	0.765	0.385
Dadra & Nagar	Dadra & Nagar	0.602	0.454	0.739	0.210	0.100	0.205
Haveli Odisha	Haveli Balangir	0.692 0.640	0.454 0.351	0.728 0.869	0.218 0.166	0.188 0.258	0.385 0.390
Rajasthan	Hanumangarh	0.640	0.351	0.869	0.166	0.258	0.390
Chhattisgarh	Bijapur	0.623	0.413	0.332	0.623	0.297	0.391
Odisha	Debagarh	0.739	0.008	0.781	0.023	0.455	0.391
Maharashtra	Mumbai	0.092	0.124	0.781	0.340	0.609	0.394
Assam	Dhemaji	0.635	0.027	0.419	0.584	0.629	0.397
West Bengal	Purba Medinipur	0.131	0.640	0.441	0.637	0.446	0.399
Jammu and	a micamipui	0.101	0.0.0	ÿ <u>r</u>	0.007	55	0.077
Kashmir	Bandipore	0.421	0.421	0.080	0.488	0.887	0.401
Jammu and	'						-
Kashmir	Kulgam	0.459	0.574	0.072	0.355	0.839	0.402
Punjab	Ludhiana	0.138	0.961	0.059	0.689	0.468	0.404
Tamil Nadu	Thanjavur	0.156	0.942	0.397	0.152	0.668	0.405
Gujarat	Anand	0.053	0.930	0.485	0.484	0.369	0.407
Nagaland	Kohima	0.684	0.365	0.031	0.576	0.667	0.408
Manipur	Imphal West	0.025	0.941	0.091	0.391	0.876	0.410
Tamil Nadu	Kancheepuram	0.155	0.784	0.336	0.515	0.535	0.412
Tamil Nadu	Madurai	0.036	0.942	0.358	0.315	0.679	0.413

Tenni Nuda	Arunachal Pradesh	East Kameng	0.997	0.066	0.690	0.013	0.570	0.415
Chabrisgent Rajpur 0.332 0.535 0.612 0.722 0.135 0.4 Coliginate Rajbot 0.690 0.908 0.349 0.015 0.051 0.051 0.4 Purjab Rupraner 0.103 0.872 0.103 0.0455 0.020 0.4 Rajas-hard Rupraner 0.103 0.872 0.103 0.0455 0.020 0.4 Rajas-hard Thiorytable 0.043 0.344 0.018 0.027 0.050 0.4 Rajas-hard Thiorytable 0.048 0.344 0.018 0.027 0.050 0.4 Rajas-hard Thiorytable 0.048 0.048 0.028 0.027 0.050 0.4 Rajas-hard Thiorytable 0.048 0.048 0.051 0.050 0.050 0.0 Rajas-hard Thiorytable 0.048 0.051 0.050 0.								0.415
Gigard Righest 0.050 0.098 0.349 0.315 0.318 0.4								0.418
Rajasthan Rajasmmd 0.743 0.394 0.618 0.382 0.211 0.4	•		0.050	0.908	0.349	0.515	0.518	0.419
Termi Nado	Punjab	Rupnagar	0.103	0.872	0.103	0.645	0.620	0.421
Mahmenbrien Sangis	Rajasthan	Rajsamand						0.423
Marbard Dharvard O.185 O.837 O.684 O.595 O.056 O.4	Tamil Nadu							0.424
Jammu and Kashmir Srinagar 0.039 0.958 0.005 0.543 0.817 0.48 Rajashfan Bhlwara 0.0595 0.555 0.725 0.365 0.142 0.44 Haryana Rewari 0.152 0.884 0.432 0.177 0.718 0.44 Tamil Nado Them 0.152 0.884 0.432 0.177 0.718 0.44 Tamil Nado Them 0.152 0.884 0.432 0.177 0.718 0.44 Tamil Nado Them 0.152 0.884 0.452 0.177 0.718 0.44 Chartingarh Shahid Bhagat 0.940 0.122 0.085 0.551 0.499 0.499 Maintera 0.940 0.232 0.085 0.551 0.499 0.499 Haryana Find 0.049 0.524 0.274 0.726 0.999 0.44 Haryana Find 0.049 0.054 0.078 0.512 0.444 0.049 Punjab Mensa 0.482 0.764 0.178 0.512 0.444 0.457 0.464 Gujarat Blaruch 0.474 0.095 0.454 0.347 0.413 0.44 Gujarat Blaruch 0.474 0.095 0.454 0.347 0.413 0.44 Tamil Nado Cuddalore 0.261 0.879 0.498 0.228 0.529 0.44 Tamil Nado Cuddalore 0.261 0.879 0.498 0.228 0.529 0.44 Almira and Kaprata Kaprata 0.487 0.332 0.100 0.517 0.813 0.487 Gujarat Valsad 0.495 0.726 0.513 0.457 0.122 0.48 Gujarat Valsad 0.495 0.726 0.513 0.457 0.122 0.48 Gujarat Valsad 0.495 0.726 0.513 0.457 0.122 0.44 Jammu and Kapharia Valsad 0.495 0.726 0.517 0.433 0.413 0.44 Gujarat Valsad 0.495 0.726 0.587 0.433 0.435 0.442 0.455 0.454 Jammu and Kapharia Valsad 0.495 0.395 0.595 0.598 0.455 0.454 0.457 0.458 Jammu and Kapharia Valsad 0.495 0.395 0.588 0.495 0.455 0		_						0.426
Kashmir Sringar 0.039 0.988 0.005 0.543 0.817 0.44		Dharwad	0.185	0.837	0.684	0.595	0.056	0.426
Rajasthan Bhilwarn 0.595 0.535 0.725 0.365 0.142 0.44								
Haryana								0.429
Tamil Madu								0.429
Pumpish Shahid Blaggar 0.194 0.936 0.124 0.538 0.573 0.45								
Punjab Singh Nagar 0.194 0.936 0.124 0.538 0.573 0.45	Tamii Nadu		0.132	0.884	0.432	0.177	0.718	0.433
Chantisgarh Bilsegur 0.469 0.232 0.685 0.531 0.459 0.448 0.459 0.448 0.451 0.151 0.157 0.474 0.757 0.448 0.757 0.448 0.754 0.756 0.599 0.456 0.523 0.687 0.762 0.387 0.022 0.448 0.452 0.764 0.178 0.512 0.444 0.457 0.458 0.452 0.764 0.178 0.512 0.444 0.457 0.762 0.3887 0.022 0.448 0.452 0.764 0.178 0.512 0.444 0.457 0.751 0.296 0.236 0.347 0.751 0.436 0.447 0.413 0.448 0.447 0.441 0.458 0.452 0.447 0.413 0.448 0.447 0.448 0.447 0.441 0.458 0.457 0.441 0.447 0.441 0.458 0.458 0.447 0.413 0.448 0.447 0.448 0.447 0.441 0.458 0.458 0.528 0.529 0.448 0.447 0.458 0.458 0.528 0.529 0.448 0.	Puniah		0.194	0.936	0.124	0.538	0.573	0.435
Manipur Ukhrul 0.815 0.150 0.175 0.474 0.757 0.0599 0.04								0.437
Haryana Jind								0.438
								0.438
Punjab Mansa 0.482 0.764 0.178 0.512 0.444 0.48 0.48 0.495 0.236 0.347 0.751 0.24 0.495 0.245 0.347 0.751 0.24 0.495 0.245 0.347 0.413 0.41 0.495 0.245 0.347 0.413 0.44 0.495 0.245 0.347 0.413 0.44 0.495 0.248 0.248 0.292 0.44 0.495 0.288 0.529 0.45 0.481 0.495 0.498 0.228 0.529 0.45 0.495 0.498 0.228 0.529 0.45 0.495		Bagalkot						0.441
Gujarat Bharach 0.474 0.695 0.454 0.347 0.413 0.4								0.441
Gujarat Bharuch 0.474 0.695 0.454 0.347 0.413 0.4	-	Koch Bihar						0.444
Tamil Nadu	Gujarat	Bharuch		0.695	0.454	0.347	0.413	0.446
Chhattisgarh Kabridham O.817 O.956 O.897 O.518 O.081 O.8					0.894			0.448
Jammu and Kashmir Kupwara 0.487 0.332 0.160 0.557 0.887 0.487 0.487 0.322 0.160 0.557 0.887 0.487 0.481 0.495 0.770 0.507 0.433 0.413 0.413 0.445 0.413 0.445 0.413 0.445 0.413 0.445 0.413 0.445 0.413 0.445 0.413 0.445 0.413 0.445 0.413 0.445 0.413 0.445 0.413 0.445 0.413 0.445 0.413 0.445 0.413 0.445 0.413 0.445 0.413 0.445 0.413 0.445 0.44								0.449
Kashmir Kupwara 0.487 0.332 0.160 0.557 0.887 0.487 0.487 0.487 0.487 0.597 0.483 0.4413 0.445 0.495 0.726 0.613 0.457 0.122 0.4884 0.495 0.726 0.613 0.457 0.122 0.4884 0.495 0.726 0.613 0.457 0.122 0.4884 0.495 0.726 0.613 0.457 0.122 0.4884 0.495 0.726 0.613 0.457 0.122 0.4884 0.495 0.498 0.591 0.230 0.427 0.4884 0.498 0.499 0.308 0.301 0.230 0.427 0.4884 0.498 0.498 0.499 0.551 0.482 0.654 0.498		Kabirdham	0.817	0.086	0.897	0.518	0.081	0.451
Andhra Pradesh Chitroor 0.280 0.770 0.507 0.433 0.413 0.41 0.41			0.10-					
Gujarar		_						0.452
Jammu and Kashmir Jammu 0.139 0.937 0.260 0.335 0.743 0.46								0.454
Kashmir Jammu 0.139 0.937 0.260 0.335 0.743 0.44 Jammu and Raigarh 0.649 0.308 0.801 0.230 0.427 0.44 Jammu and Rashmir Kathua 0.316 0.419 0.551 0.482 0.654 0.45 Jammu and Rashmir Punch 0.782 0.064 0.568 0.336 0.673 0.46 Kashmir Punch 0.782 0.064 0.568 0.336 0.673 0.46 Chhattisgarh Janijgir - Champa 0.555 0.499 0.839 0.495 0.059 0.45 Ultar Pradesh Kushinagar 0.449 0.371 0.642 0.585 0.380 0.49 Odisha Kandhanal 0.958 0.110 0.998 0.059 0.452 0.332 0.49 Rajasthan Kota 0.397 0.692 0.509 0.452 0.332 0.49 Rajasthan Jalor 0.922 0.077 0.864 0.567 0.006 0.40 Chhattisgarh Mahasamund 0.582 0.258 0.822 0.424 0.351 0.44 Odisha Kandhandi 0.911 0.299 0.912 0.114 0.207 0.40 Chhattisgarh Mahasamund 0.582 0.258 0.822 0.424 0.351 0.44 Assam Metropolitan 0.207 0.886 0.102 0.540 0.710 0.40 Chhattisgarh Surguia 0.923 0.083 0.850 0.452 0.146 0.44 Chhattisgarh Surguia 0.923 0.083 0.850 0.452 0.146 0.44 West Bengal Darjtling 0.432 0.745 0.291 0.429 0.559 0.571 Maldya Pradesh Morena 0.412 0.595 0.571 0.817 0.001 0.44 Assam Tinsukia 0.477 0.200 0.346 0.681 0.753 0.44 Tamil Nadu Sivaganga 0.009 0.090 0.376 0.171 0.912 0.44 Andharashtra Nashik 0.380 0.736 0.501 0.704 0.147 0.44 Maharashtra North Tirpura 0.442 0.440 0.712 0.081 0.766 0.45 Malharashtra Dune 0.711 0.847 0.203 0.332	-	Valsad	0.495	0.726	0.613	0.457	0.122	0.455
Chhatrisgarh Raigarh 0.649 0.308 0.801 0.230 0.427 0.4 Jammu and Kashmir Kathua 0.316 0.419 0.551 0.482 0.654 0.4 Jammu and Kashmir Punch 0.782 0.064 0.568 0.336 0.673 0.4 Chhatrisgarh Janigur - Champa 0.535 0.499 0.839 0.495 0.059 0.4 Ultar Pradesh Kushinagar 0.449 0.371 0.642 0.585 0.380 0.4 Odisha Kandhamal 0.958 0.110 0.987 0.028 0.349 0.4 Rajasthan Jalor 0.022 0.077 0.864 0.567 0.006 0.4 Chhatrisgarh Mahasamund 0.582 0.258 0.822 0.424 0.351 0.4 Chhatrisgarh Malasam Metropolitan 0.207 0.886 0.102 0.540 0.710 0.4 Rajasthan Sirchupita		Iammu	0.130	0.037	0.260	0.335	0.743	0.457
Jammu and Kashmir Kathua 0.316 0.419 0.551 0.482 0.654 0.4 Jammu and Kashmir Punch 0.782 0.064 0.568 0.336 0.673 0.4 Kashmir Punch 0.782 0.064 0.568 0.336 0.673 0.4 Kashmir Punch 0.335 0.499 0.839 0.495 0.059 0.4 Uttar Pradesh Kushinagar 0.449 0.371 0.642 0.585 0.380 0.4 Odisha Kandhamal 0.958 0.110 0.987 0.028 0.349 0.4 Rajasthan Kota 0.397 0.692 0.599 0.452 0.382 0.4 Rajasthan Jalor 0.922 0.077 0.864 0.567 0.006 0.4 Chhattisgarh Mahasamund 0.582 0.258 0.822 0.424 0.351 0.4 Odisha Kalahandi 0.911 0.299 0.912 0.114 0.207 0.4 Assam Metropolitan 0.207 0.886 0.102 0.540 0.710 0.4 Chhattisgarh Surguja 0.923 0.083 0.850 0.452 0.146 0.4 Chhattisgarh Darjiling 0.432 0.745 0.291 0.429 0.559 0.4 Madhya Pradesh Morena 0.412 0.595 0.571 0.817 0.061 0.4 Assam Tinsukia 0.477 0.200 0.346 0.681 0.753 0.4 Maharashtra Ahmadnagar 0.402 0.656 0.618 0.765 0.017 0.4 Maharashtra Nashik 0.380 0.736 0.591 0.711 0.912 0.4 Maharashtra Nashik 0.380 0.736 0.501 0.704 0.147 0.4 Maharashtra Nashik 0.380 0.736 0.5								0.459
Kashmir		Raigain	0.047	0.300	0.001	0.230	0.427	0.437
Jamma and Kashmir Punch 0.782 0.064 0.568 0.336 0.473 0.48		Kathua	0.316	0.419	0.551	0.482	0.654	0.460
Chhattisgarh Janigir - Champa 0.535 0.499 0.839 0.495 0.059 0.4 Uttar Pradesh Kushinagar 0.449 0.371 0.642 0.585 0.380 0.4 Odisha Kandhamal 0.958 0.110 0.987 0.028 0.349 0.4 Rajasthan Kota 0.397 0.692 0.509 0.452 0.382 0.4 Rajasthan Jalor 0.922 0.077 0.864 0.567 0.006 0.4 Chhattisgarh Mahasamund 0.582 0.258 0.822 0.424 0.351 0.4 Odisha Kalahandi 0.911 0.299 0.912 0.114 0.207 0.4 Assam Metropolitan 0.207 0.886 0.815 0.333 0.072 0.4 Chhattisgarh Surguja 0.923 0.083 0.859 0.452 0.146 0.4 West Bengal Darjiling 0.432 0.745 0.291 0.429		11441144	0.510	01117	0.001	01.102	0.00	01.00
Uttar Pradesh Kushinagar 0.449 0.371 0.642 0.585 0.380 0.4 Odisha Kandhamal 0.958 0.110 0.987 0.028 0.349 0.4 Rajasthan Kota 0.397 0.692 0.509 0.452 0.382 0.4 Rajasthan Jalor 0.922 0.077 0.864 0.567 0.006 0.4 Chhattisgarh Mahasamund 0.582 0.258 0.822 0.424 0.351 0.4 Odisha Kalahandi 0.911 0.299 0.912 0.114 0.207 0.4 Kamrup Kamrup	Kashmir	Punch	0.782	0.064	0.568	0.336	0.673	0.462
Odisha Kandhamal 0.958 0.110 0.987 0.028 0.349 0.48	Chhattisgarh	Janjgir - Champa	0.535	0.499	0.839	0.495	0.059	0.463
Rajasthan Kota 0.397 0.692 0.509 0.452 0.382 0.4 Rajasthan Jalor 0.922 0.077 0.864 0.567 0.006 0.4 Chhattisgarh Mahasamund 0.582 0.258 0.822 0.424 0.351 0.4 Odisha Kalahandi 0.911 0.299 0.912 0.114 0.207 0.4 Assam Metropolitan 0.207 0.886 0.102 0.540 0.710 0.4 Assam Metropolitan 0.923 0.083 0.850 0.452 0.146 0.4 West Bengal Darjiling 0.432 0.745 0.291 0.429 0.559 0.4 Madhy Pradesh Morena 0.412 0.595 0.571 0.817 0.061 0.4 Assam Tinsukia 0.477 0.200 0.346 0.681 0.753 0.4 Maharashtra Ahmadnagar 0.402 0.656 0.618 0.755 0.017	Uttar Pradesh	Kushinagar	0.449	0.371	0.642		0.380	0.463
Rajasthan	Odisha	Kandhamal						0.466
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State/Union Territory	District	Socio- economic vulnerability	Demographic vulnerability	Vulnerability due to housing condition	Vulnerability due to non- availability of healthcare	Epidemiological vulnerability	Overall Vulnerability
Haryana	Jhajjar	0.113	0.853	0.158	0.604	0.784	0.521
Chhattisgarh	Jashpur	0.886	0.172	0.934	0.072	0.448	0.521
West Bengal	Kolkata	0.160	0.978	0.210	0.210	0.956	0.524
Rajasthan	Pratapgarh	0.978	0.100	1.000	0.371	0.077	0.526
Madhya Pradesh	Datia	0.502	0.563	0.474	0.803	0.186	0.527
Karnataka	Chikkaballapura	0.692	0.676	0.651	0.274	0.238	0.529
Jammu and							
Kashmir	Reasi	0.781	0.016	0.695	0.351	0.689	0.529
Gujarat	Ahmadabad	0.033	0.981	0.246	0.640	0.634	0.532
Odisha	Sundargarh	0.435	0.482	0.593	0.288	0.739	0.534
Karnataka	Yadgir	0.947	0.269	0.994	0.319	0.011	0.535
Maharashtra Maharashtra	Wardha Kolhapur	0.277 0.119	0.867 0.962	0.360 0.255	0.626 0.792	0.412 0.416	0.537 0.538
Odisha	Bhadrak	0.372	0.962	0.233	0.182	0.416	0.540
Assam	Dhubri	0.657	0.210	0.372	0.613	0.689	0.541
Jharkhand	Lohardaga	0.784	0.285	0.701	0.643	0.139	0.541
Rajasthan	Dungarpur	0.973	0.264	0.862	0.416	0.039	0.545
Andhra Pradesh	Visakhapatnam	0.332	0.809	0.474	0.371	0.571	0.546
Manipur	Thoubal	0.105	0.901	0.250	0.468	0.836	0.548
Tamil Nadu	Virudhunagar	0.208	0.953	0.513	0.286	0.603	0.549
Maharashtra	Thane	0.247	0.845	0.532	0.854	0.086	0.551
Odisha	Nayagarh	0.346	0.380	0.808	0.058	0.975	0.552
Madhya Pradesh	Bhind	0.308	0.734	0.563	0.786	0.180	0.554
Andhra Pradesh	Sri Potti Sriramulu Nellore	0.495	0.657	0.576	0.299	0.549	0.556
Odisha	Puri	0.124	0.746	0.640	0.127	0.947	0.557
Madhya Pradesh	Burhanpur	0.715	0.443	0.624	0.541	0.261	0.559
Uttar Pradesh	Farrukhabad	0.387	0.593	0.687	0.850	0.074	0.560
Gujarat	Surat	0.183	0.822	0.341	0.607	0.638	0.562
Rajasthan	Tonk	0.776	0.659	0.732	0.269	0.156	0.563
Bihar	Arwal	0.762	0.643	0.565	0.562	0.063	0.565
Madhya Pradesh	Hoshangabad	0.437	0.336	0.408	0.693	0.720	0.565
Tripura	West Tripura	0.405	0.754	0.136	0.368	0.936	0.568
West Bengal	Murshidabad	0.487	0.590	0.495	0.598	0.435	0.570
Gujarat	Kheda	0.343	0.768 0.721	0.850 0.728	0.435 0.208	0.211 0.551	0.571
Andhra Pradesh Tamil Nadu	Srikakulam Coimbatore	0.401 0.192	0.721	0.728	0.208	0.844	0.573 0.574
Gujarat	Banaskantha	0.700	0.180	0.901	0.299	0.537	0.574
Karnataka	Raichur	0.881	0.257	0.886	0.534	0.066	0.577
Karnataka	Chamarajanagar	0.826	0.520	0.654	0.158	0.466	0.579
Maharashtra	Jalgaon	0.243	0.894	0.554	0.754	0.183	0.581
Andhra Pradesh	West Godavari	0.335	0.828	0.277	0.360	0.829	0.582
Madhya Pradesh	Neemuch	0.557	0.393	0.665	0.753	0.263	0.584
Odisha	Rayagada	0.970	0.139	0.814	0.067	0.642	0.585
Bihar	Aurangabad	0.665	0.488	0.493	0.629	0.360	0.587
Karnataka	Bidar	0.612	0.728	0.784	0.355	0.156	0.588
Rajasthan	Banswara	0.987	0.146	0.992	0.507	0.005	0.590
Uttar Pradesh	Jhansi	0.349	0.873	0.455	0.782	0.178	0.592
Manipur	Chandel	0.881	0.044	0.263	0.534	0.922	0.593
Uttar Pradesh	Rampur	0.510	0.484	0.487	0.955	0.210	0.595
Telangana	Nalgonda	0.646	0.612	0.423	0.377	0.590	0.596
Karnataka Bihar	Chitradurga Rohtas	0.599	0.532 0.480	0.764	0.177 0.859	0.581	0.598 0.599
Bihar Gujarat	Jamnagar	0.582 0.177	0.480	0.581 0.474	0.859	0.166 0.776	0.599
Andhra Pradesh	Prakasam	0.177	0.693	0.474	0.348	0.776	0.599
Rajasthan	Chittaurgarh	0.745	0.304	0.808	0.520	0.032	0.603
Kajastilali	Senapati (Excluding 3 Sub-	0.743	0.443	0.808	0.320	0.130	0.003
Manipur	Divisions)	0.861	0.016	0.203	0.637	0.962	0.606
Uttar Pradesh	Jalaun Jalaun	0.372	0.759	0.440	0.840	0.268	0.606
Maharashtra	Solapur	0.354	0.892	0.446	0.707	0.290	0.609
Madhya Pradesh	Sehore	0.507	0.493	0.449	0.729	0.512	0.610
Odisha	Khordha	0.047	0.956	0.560	0.255	0.873	0.612
Jharkhand	Khunti	0.872	0.254	0.811	0.706	0.052	0.613
Bihar	Bhojpur	0.498	0.703	0.516	0.901	0.075	0.613
Uttar Pradesh	Deoria	0.346	0.610	0.592	0.889	0.257	0.613
Jammu and Kashmir	Samba	0.377	0.582	0.448	0.502	0.786	0.618
Jammu and Kashmir	Udhampur	0.642	0.263	0.698	0.476	0.618	0.620
Jammu and Kashmir	Kishtwar	0.618	0.135	0.562	0.499	0.883	0.620

State/Union		Socio- economic	Demographic	Vulnerability due to housing	Vulnerability due to non- availability of	Epidemiological	Overall
Territory	District	vulnerability	vulnerability	condition	healthcare	vulnerability	Vulnerability
Karnataka	Bijapur	0.660	0.479	0.950	0.501	0.110	0.623
Uttar Pradesh	Kanpur Nagar	0.110	0.908	0.383	0.839	0.460	0.623
Madhya Pradesh	Mandla	0.950	0.081	0.870	0.396	0.404	0.626
Madhya Pradesh	Guna	0.801	0.232	0.828	0.710	0.138	0.628
Odisha	Jharsuguda	0.321	0.674	0.610	0.246	0.858	0.628
Uttar Pradesh	Ghaziabad	0.235	0.662	0.357	0.969	0.488	0.631
J&K	Doda	0.603	0.041	0.631	0.579	0.861	0.632
Karnataka	Mysore	0.290	0.842	0.535	0.332	0.715	0.632
Rajasthan	Barmer	0.870	0.085	0.986	0.587	0.189	0.635
Nagaland	Dimapur	0.541	0.349	0.141	0.701	0.984	0.635
Odisha	Subarnapur	0.590	0.415	0.980	0.069	0.668	0.638
Uttarakhand	Champawat	0.462	0.351	0.399	0.610	0.901	0.640
Andhra Pradesh	East Godavari	0.354	0.720	0.515	0.344	0.790	0.642
Karnataka	Bangalore	0.049	0.906	0.088	0.775	0.906	0.642
Rajasthan	Jhalawar	0.898	0.432	0.864	0.432	0.099	0.645
Madhya Pradesh	Raisen	0.676	0.236	0.679	0.623	0.515	0.646
Jharkhand	Kodarma	0.532	0.369	0.751	1.000	0.080	0.648
	Gautam Buddha						
Uttar Pradesh	Nagar	0.191	0.599	0.330	0.881	0.736	0.649
Madhya Pradesh	Ashoknagar	0.817	0.196	0.723	0.773	0.232	0.651
Jharkhand	Hazaribagh	0.653	0.277	0.725	0.881	0.230	0.653
Odisha	Ganjam	0.659	0.815	0.632	0.225	0.437	0.654
Maharashtra	Hingoli	0.695	0.545	0.570	0.781	0.182	0.656
Odisha	Jajapur	0.310	0.582	0.779	0.117	0.983	0.656
Rajasthan	Dhaulpur	0.764	0.299	0.936	0.451	0.322	0.656
Jharkhand	Simdega	0.909	0.167	0.765	0.698	0.233	0.660
Andhra Pradesh	Krishna	0.294	0.912	0.408	0.460	0.707	0.662
Maharashtra	Mumbai Suburban	0.074	0.817	0.363	0.734	0.797	0.664
Bihar	Kaimur (Bhabua)	0.790	0.344	0.623	0.814	0.216	0.665
Tamil Nadu	Thoothukkudi	0.211	0.955	0.437	0.305	0.881	0.667
Odisha	Kendrapara	0.362	0.562	0.833	0.164	0.870	0.668
Rajasthan	Udaipur	0.961	0.446	0.941	0.346	0.099	0.670
Nagaland	Peren	0.939	0.133	0.271	0.465	0.994	0.671
Madhya Pradesh	Gwalior	0.396	0.653	0.430	0.864	0.462	0.673
Uttar Pradesh	Mahoba	0.649	0.615	0.598	0.732	0.402	0.674
Uttar Pradesh	Sultanpur	0.469	0.377	0.887	0.962	0.119	0.676
Uttar Pradesh	Mainpuri	0.409	0.673	0.848	0.853	0.171	0.678
Odisha	Malkangiri		0.073	0.848	0.044		
		0.969	0.028	0.451	0.895	0.809	0.679
Uttar Pradesh Odisha	Baghpat	0.246 0.981	0.808	0.451	0.895	0.424 0.685	0.681 0.681
	Koraput						
Madhya Pradesh	Indore	0.202	0.829	0.122	0.894	0.776	0.681
TT: D 1 1	Jyotiba Phule	0.545	0.501	0.520	0.040	0.204	0.605
Uttar Pradesh	Nagar	0.545	0.501	0.538	0.948	0.294	0.685
Maharashtra	Aurangabad	0.288	0.790	0.643	0.795	0.313	0.687
Uttar Pradesh	Banda	0.579	0.485	0.628	0.890	0.250	0.689
Madhya Pradesh	Bhopal	0.130	0.787	0.241	0.745	0.936	0.690
Madhya Pradesh	Shajapur	0.618	0.438	0.504	0.900	0.379	0.690
Jharkhand	Giridih	0.800	0.318	0.826	0.906	0.003	0.693
Maharashtra	Latur	0.531	0.879	0.659	0.632	0.161	0.695
Jharkhand	Ramgarh	0.557	0.698	0.582	0.761	0.268	0.696
Rajasthan	Bundi	0.858	0.490	0.905	0.523	0.092	0.698
Maharashtra	Osmanabad	0.322	0.538	0.754	0.737	0.518	0.700
Madhya Pradesh	Dindori	0.977	0.011	0.958	0.327	0.601	0.701
Jharkhand	Purbi Singhbhum	0.465	0.911	0.588	0.870	0.042	0.703
Maharashtra	Akola	0.329	0.890	0.491	0.670	0.499	0.704
Uttar Pradesh	Basti	0.443	0.469	0.845	0.836	0.290	0.706
Andhra Pradesh	Vizianagaram	0.563	0.646	0.674	0.203	0.800	0.707
Uttar Pradesh	Agra	0.368	0.689	0.559	0.928	0.346	0.709
Jharkhand	Jamtara	0.795	0.305	0.945	0.770	0.081	0.710
Odisha	Nabarangapur	0.928	0.069	0.966	0.105	0.829	0.712
Telangana	Nizamabad	0.574	0.706	0.480	0.424	0.723	0.714
J	North Twenty						
West Bengal	Four Parganas	0.250	0.947	0.224	0.507	0.986	0.715
Odisha	Mayurbhanj	0.808	0.228	0.894	0.149	0.840	0.717
Odisha	Baleshwar	0.419	0.646	0.709	0.149	0.905	0.718
Jammu and	Datestiwat	0.717	0.010	0.707	0.277	0.703	0.710
Kashmir	Ramban	0.712	0.034	0.740	0.513	0.925	0.720
		0.712	0.922	0.740	0.274	0.923	0.720
Odisha	Cuttack						
Bihar	Siwan	0.613	0.682	0.720	0.809	0.111	0.723
Bihar	Jehanabad	0.734	0.782	0.499	0.574	0.351	0.725
Andhra Pradesh	Guntur	0.391	0.894	0.429	0.410	0.820	0.726
Maharashtra	Yavatmal	0.638	0.554	0.465	0.723	0.568	0.728

State/Union Territory	District	Socio- economic vulnerability	Demographic vulnerability	Vulnerability due to housing condition	Vulnerability due to non- availability of healthcare	Epidemiological vulnerability	Overall Vulnerability
Madhya Pradesh	Sheopur	0.926	0.074	0.955	0.726	0.280	0.729
Uttar Pradesh	Firozabad	0.340	0.773	0.618	0.844	0.388	0.731
West Bengal	Bankura	0.645	0.421	0.815	0.362	0.721	0.732
Madhya Pradesh	Harda	0.873	0.219	0.537	0.750	0.588	0.734
Uttar Pradesh	Chandauli	0.438	0.468	0.850	0.925	0.290	0.736
Rajasthan	Dausa	0.811	0.516	0.770	0.401	0.477	0.737
Bihar	Madhepura	0.839	0.326	0.743	0.825	0.247	0.739
Maharashtra	Nandurbar	0.980	0.207	0.942	0.603	0.254	0.740
Telangana	Medak	0.671	0.725	0.418	0.343	0.828	0.740
Uttar Pradesh	Bulandshahr	0.429	0.606	0.523	0.941	0.495	0.743
Uttar Pradesh	Ballia	0.451	0.466	0.734	0.861	0.484	0.745
Madhya Pradesh	Rajgarh	0.695	0.540	0.925	0.710	0.125	0.745
Maharashtra Madhya Pradesh	Washim Balaghat	0.577 0.468	0.629 0.236	0.490 0.748	0.740 0.750	0.567 0.803	0.748 0.750
Telangana	Khammam	0.468	0.236	0.401	0.730	0.803	0.751
Uttar Pradesh	Unnao	0.624	0.323	0.714	0.937	0.768	0.753
Haryana	Palwal	0.624	0.559	0.714	0.811	0.649	0.754
Madhya Pradesh	Anuppur	0.844	0.183	0.840	0.484	0.665	0.756
Raiasthan	Bharatpur	0.588	0.509	0.911	0.601	0.407	0.756
Uttar Pradesh	Varanasi	0.133	0.879	0.673	0.984	0.354	0.759
Uttar Pradesh	Auraiya	0.133	0.609	0.590	0.897	0.613	0.761
Madhya Pradesh	Singrauli	0.917	0.114	0.933	0.682	0.382	0.762
Madhya Pradesh	Shivpuri	0.829	0.239	0.878	0.798	0.285	0.764
Uttar Pradesh	Mathura	0.319	0.757	0.671	0.944	0.340	0.765
O MAI I TAMOUNI	Udham Singh	0.515	0.727	0.071	0.5.1.	0.5.0	0.702
Uttarakhand	Nagar	0.429	0.531	0.315	0.808	0.964	0.767
Uttar Pradesh	Shahjahanpur	0.562	0.407	0.587	0.980	0.510	0.767
Bihar	Patna	0.363	0.903	0.394	0.848	0.540	0.770
Uttar Pradesh	Lalitpur	0.814	0.243	0.917	0.994	0.088	0.772
Jharkhand	Dumka	0.915	0.232	0.876	0.898	0.135	0.773
Uttar Pradesh	Jaunpur	0.341	0.573	0.922	0.945	0.277	0.775
Maharashtra	Nagpur	0.227	0.950	0.285	0.657	0.944	0.776
	Paschim						
West Bengal	Medinipur	0.498	0.590	0.638	0.687	0.651	0.778
Rajasthan	Baran	0.864	0.268	0.767	0.405	0.761	0.778
West Bengal	Jalpaiguri	0.664	0.452	0.393	0.592	0.967	0.781
Uttar Pradesh	Moradabad	0.521	0.701	0.433	0.998	0.421	0.782
West Bengal	Dakshin Dinajpur	0.726	0.540	0.388	0.455	0.980	0.784
Jharkhand Bihar	Bokaro	0.473 0.670	0.793 0.416	0.634 0.660	0.909 0.920	0.280 0.432	0.784 0.787
	Gopalganj						
Telangana Gujarat	Karimnagar Panchmahal	0.444 0.770	0.854 0.358	0.438 0.861	0.466 0.479	0.898 0.635	0.789 0.790
West Bengal	Hugli	0.368	0.970	0.390	0.660	0.728	0.792
Odisha	Kendujhar	0.856	0.330	0.920	0.119	0.728	0.792
Nagaland	Wokha	0.789	0.628	0.086	0.709	0.908	0.795
Jharkhand	Pakur	0.945	0.136	0.956	0.887	0.194	0.795
Telangana	Mahbubnagar	0.756	0.358	0.789	0.556	0.662	0.798
Gujarat	Dohad	0.967	0.172	0.998	0.238	0.750	0.800
Madhya Pradesh	Seoni	0.875	0.108	0.831	0.717	0.596	0.801
Uttar Pradesh	Faizabad	0.448	0.515	0.856	0.947	0.363	0.803
Maharashtra	Nanded	0.803	0.789	0.598	0.664	0.279	0.804
Bihar	Buxar	0.570	0.570	0.596	0.837	0.565	0.806
West Bengal	Haora	0.189	0.964	0.404	0.651	0.931	0.808
Madhya Pradesh	Shahdol	0.865	0.244	0.822	0.549	0.662	0.809
Uttar Pradesh	Gorakhpur	0.372	0.801	0.615	0.879	0.474	0.809
Maharashtra	Buldana	0.548	0.646	0.606	0.674	0.673	0.812
Madhya Pradesh	Rewa	0.698	0.469	0.751	0.731	0.505	0.814
Jharkhand	Dhanbad	0.416	0.806	0.746	0.953	0.235	0.815
Uttar Pradesh	Hamirpur	0.504	0.681	0.471	0.634	0.867	0.817
Maharashtra	Parbhani	0.490	0.818	0.662	0.856	0.333	0.818
Bihar	Nawada	0.826	0.560	0.567	0.684	0.523	0.820
Uttar Pradesh	Ghazipur	0.485	0.626	0.800	0.922	0.329	0.822
Madhya Pradesh	Jabalpur Kishangani	0.501	0.659	0.693	0.668 0.956	0.642	0.823
Bihar Littar Bradash	Kishanganj Mahamaya Nagan	0.662	0.365	0.687		0.498	0.825
Uttar Pradesh	Mahamaya Nagar	0.286 0.772	0.638 0.294	0.700 0.909	0.961 0.822	0.582	0.826 0.828
Madhya Pradesh	Chhatarpur					0.374	
Maharashtra Gujarat	Bid Vadodara	0.551 0.579	0.731 0.894	0.603 0.668	0.812 0.427	0.476 0.607	0.829 0.831
Uttar Pradesh	Kanpur Dehat	0.527	0.894	0.696	0.427	0.607	0.831
Jharkhand	Gumla Gumla	0.327	0.078	0.836	0.981	0.848	0.834
JIIGI KIIGIIU	Khargone (West	0.797	0.076	0.030	0.010	0.040	0.054
Madhya Pradesh	Nimar)	0.905	0.122	0.676	0.656	0.818	0.834
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State/Union Territory	District	Socio- economic vulnerability	Demographic vulnerability	Vulnerability due to housing condition	Vulnerability due to non- availability of healthcare	Epidemiological vulnerability	Overall Vulnerability
Uttar Pradesh	Pratapgarh	0.300	0.430	0.900	0.933	0.617	0.837
Bihar	Jamui	0.878	0.211	0.942	0.964	0.196	0.839
Uttar Pradesh	Mahrajganj	0.567	0.252	0.692	0.787	0.895	0.840
Madhya Pradesh	Barwani	0.986	0.106	0.989	0.554	0.557	0.840
Jharkhand	Pashchimi Singhbhum	0.931	0.164	0.795	0.908	0.397	0.844
Bihar	Sheikhpura	0.833	0.642	0.714	0.523	0.488	0.845
Jharkhand	Ranchi	0.440	0.856	0.582	0.941	0.387	0.847
Uttar Pradesh	Mirzapur	0.556	0.477	0.967	0.989	0.219	0.848
Jharkhand	Godda	0.905	0.355	0.939	0.991	0.020	0.850
Uttar Pradesh	Mau	0.477	0.770	0.706	0.992	0.274	0.851
Uttar Pradesh	Muzaffarnagar	0.543	0.635	0.469	0.815	0.765	0.853
Uttar Pradesh	Bijnor	0.441	0.513	0.488	0.966	0.822	0.854
Telangana	Adilabad	0.894	0.465	0.775	0.311	0.789	0.856
Telangana	Warangal	0.607	0.803	0.479	0.559	0.787	0.858
Karnataka	Gadag	0.451	0.756	0.906	0.473	0.654	0.859
Maharashtra	Jalna	0.737	0.603	0.743	0.768	0.388	0.859
Uttar Pradesh	Saharanpur	0.549	0.671	0.459	0.977	0.585	0.862
Bihar Uttar Pradesh	Katihar Etawah	0.687 0.285	0.405 0.786	0.552 0.709	0.806 0.762	0.792 0.703	0.864 0.865
West Bengal	Nadia Nadia	0.285	0.786	0.709	0.762	0.703	0.865
Uttar Pradesh	Meerut	0.469	0.958	0.321	0.527	0.972	0.867
Madhya Pradesh	Ujjain	0.296	0.534	0.529	0.917	0.923	0.869
Madhya Pradesh	Mandsaur	0.595	0.344	0.329	0.617	0.797	0.872
Madhya Pradesh	Chhindwara	0.798	0.214	0.822	0.527	0.911	0.873
West Bengal	Birbhum	0.773	0.402	0.717	0.521	0.865	0.875
Madhya Pradesh	Ratlam	0.930	0.416	0.798	0.778	0.385	0.876
Madhya Pradesh	Betul	0.869	0.244	0.840	0.659	0.696	0.878
Uttar Pradesh	Kanshiram Nagar	0.585	0.502	0.742	0.720	0.764	0.879
Madhya Pradesh	Khandwa (East Nimar)	0.925	0.144	0.731	0.756	0.762	0.881
Uttar Pradesh	Sant Ravidas Nagar (Bhadohi)	0.466	0.507	0.984	0.983	0.377	0.881
West Bengal	Maldah	0.757	0.376	0.635	0.581	0.970	0.884
Bihar	Bhagalpur	0.723	0.737	0.772	0.779	0.308	0.886
Bihar	Banka	0.717	0.354	0.959	0.865	0.432	0.887
Uttar Pradesh	Shrawasti	0.750	0.146	0.983	0.870	0.579	0.887
Bihar	Sitamarhi	0.787	0.510	0.784	0.876	0.374	0.890
Uttar Pradesh	Pilibhit Tikamgarh	0.516	0.321 0.205	0.527	0.997 0.873	0.973 0.623	0.892 0.894
Madhya Pradesh Uttar Pradesh	Kaushambi	0.768 0.851	0.203	0.884 0.977	0.873	0.623	0.895
Maharashtra	Dhule	0.765	0.632	0.637	0.648	0.678	0.897
Bihar	Madhubani	0.812	0.576	0.858	0.903	0.221	0.898
Uttar Pradesh	Kannaui	0.534	0.565	0.961	0.851	0.465	0.900
West Bengal	Puruliya	0.897	0.498	0.970	0.590	0.423	0.901
Jharkhand	Saraikela Kharsawan	0.682	0.460	0.847	0.834	0.554	0.901
West Bengal	Uttar Dinajpur	0.721	0.327	0.607	0.787	0.950	0.905
Madhya Pradesh	Katni	0.745	0.311	0.978	0.718	0.657	0.906
Bihar	Araria	0.759	0.291	0.717	0.915	0.731	0.908
Madhya Pradesh	Dewas	0.745	0.463	0.460	0.784	0.961	0.908
Madhya Pradesh	Sidhi	0.848	0.097	0.950	0.671	0.851	0.911
Uttar Pradesh	Fatehpur	0.637	0.548	0.784	0.986	0.473	0.912
Haryana	Mewat	0.676	0.183	0.804	0.912	0.851	0.914
Bihar	Purba Champaran	0.776	0.390	0.757	0.884	0.631	0.915
West Bengal	Barddhaman	0.540	0.917	0.504	0.621	0.858	0.917
Uttar Pradesh	Budaun	0.809	0.332	0.775	0.923	0.626	0.919
Uttar Pradesh	Etah	0.426	0.433	0.930	0.831	0.847	0.920
Bihar	Begusarai	0.684	0.646	0.812	0.845	0.485	0.922
Bihar Uttar Pradesh	Supaul	0.786	0.269	0.859	0.919 0.970	0.646	0.923
Uttar Pradesh Bihar	Pashchim Champaran	0.515	0.715	0.413	0.970	0.869	0.925
Jharkhand	Champaran	0.836	0.164	0.793	0.873	0.714	0.928
Bihar	Muzaffarpur	0.626	0.746	0.549	0.939	0.657	0.930
Madhya Pradesh	Vidisha	0.831	0.740	0.892	0.829	0.737	0.931
Madhya Pradesh	Panna	0.867	0.177	0.892	0.665	0.861	0.933
Uttar Pradesh	Kheri	0.834	0.177	0.973	0.911	0.604	0.934
Rajasthan	Sawai Madhopur	0.920	0.526	0.875	0.446	0.772	0.936
Uttar Pradesh	Gonda	0.477	0.305	0.928	0.878	0.950	0.936
West Bengal	South 24 Parganas	0.668	0.624	0.531	0.776	0.939	0.936
Jharkhand	Garhwa	0.892	0.163	0.820	0.934	0.731	0.941
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State/Union Territory	District	Socio- economic vulnerability	Demographic vulnerability	Vulnerability due to housing condition	Vulnerability due to non- availability of healthcare	Epidemiological vulnerability	Overall Vulnerability
Uttar Pradesh	Azamgarh	0.538	0.621	0.720	0.951	0.710	0.942
Jharkhand	Sahibganj	0.948	0.310	0.850	0.987	0.451	0.944
Madhya Pradesh	Damoh	0.850	0.192	0.947	0.858	0.700	0.944
Uttar Pradesh	Allahabad	0.357	0.712	0.914	0.972	0.595	0.947
Madhya Pradesh	Narsimhapur	0.710	0.341	0.906	0.635	0.958	0.948
Uttar Pradesh	Rae Bareli	0.585	0.491	0.975	0.762	0.743	0.950
Bihar	Purnia	0.707	0.358	0.704	0.847	0.948	0.951
Uttar Pradesh	Siddharth Nagar	0.571	0.288	0.931	0.862	0.928	0.953
Bihar	Nalanda	0.858	0.767	0.526	0.620	0.811	0.953
Uttar Pradesh	Sonbhadra	0.840	0.158	0.887	0.840	0.854	0.956
Uttar Pradesh	Aligarh	0.410	0.793	0.540	0.958	0.886	0.958
Uttar Pradesh	Ambedkar Nagar	0.365	0.607	0.707	0.975	0.934	0.959
Uttar Pradesh	Bahraich	0.689	0.194	0.962	0.931	0.812	0.959
Bihar	Lakhisarai	0.718	0.595	0.767	0.869	0.648	0.962
Jharkhand	Palamu	0.886	0.358	0.923	0.736	0.696	0.964
Madhva Pradesh	Umaria	0.914	0.125	0.981	0.640	0.942	0.966
Bihar	Gaya	0.901	0.404	0.803	0.978	0.541	0.967
Madhya Pradesh	Dhar	0.931	0.186	0.739	0.820	0.953	0.969
Madhya Pradesh	Satna	0.679	0.568	0.792	0.612	0.987	0.970
Bihar	Khagaria	0.732	0.368	0.879	0.926	0.739	0.972
Rajasthan	Karauli	0.942	0.383	0.964	0.435	0.926	0.973
Uttar Pradesh	Sant Kabir Nagar	0.656	0.391	0.818	0.886	0.919	0.975
Uttar Pradesh	Chitrakoot	0.803	0.272	0.997	0.892	0.726	0.977
Bihar	Munger	0.513	0.923	0.646	0.801	0.814	0.978
Uttar Pradesh	Hardoi	0.793	0.336	0.834	0.936	0.804	0.980
Uttar Pradesh	Bara Banki	0.759	0.311	0.870	0.950	0.826	0.981
Madhya Pradesh	Alirajpur	0.992	0.036	0.989	0.743	0.959	0.983
Madhya Pradesh	Sagar	0.765	0.344	0.837	0.793	0.981	0.984
Jharkhand	Deoghar	0.618	0.620	0.937	0.959	0.615	0.986
Uttar Pradesh	Balrampur	0.681	0.293	0.890	0.967	0.928	0.987
Bihar	Saharsa	0.740	0.457	0.917	0.867	0.793	0.989
Bihar	Vaishali	0.706	0.635	0.681	0.790	0.977	0.991
Madhya Pradesh	Jhabua	0.998	0.061	0.995	0.798	0.978	0.992
Bihar	Sheohar	0.862	0.689	0.781	0.823	0.759	0.994
Bihar	Saran	0.603	0.704	0.761	0.930	0.920	0.995
Bihar	Samastipur	0.820	0.448	0.870	0.905	0.878	0.997
Uttar Pradesh	Sitapur	0.806	0.372	0.879	0.973	0.944	0.998
Bihar	Darbhanga	0.879	0.588	0.903	0.833	0.800	1.000

Appendix Table 2: Pearson's correlation between overall vulnerability and domain-specific vulnerability (computed at the district level)

Domains of vulnerability	Correlation with overall vulnerability
Socio- economic vulnerability	0.41
Demographic vulnerability	0.04
Vulnerability due to housing	0.70
and hygiene condition	
Vulnerability due to non-availability of	0.68
healthcare	
Epidemiological vulnerability	0.39