



## YAAS-21 - Population Exposure Estimation based on bulletin n. 6

The population exposure, summarized by Admin 0, 1 and 2, has been calculated using a 1 km resolution LandScan raster (LandScan Database 2018). Admin boundaries are defined by Gaul 2015 dataset. Windspeed buffers are produced by GDACS (JRC)  
This is a preliminary analysis and has not yet been validated in the field.

Analysis performed by ADAM (Automated Disaster Analysis and Mapping) on 25-05-2021 at 09:01 UTC  
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admin0	admin1	admin2	population			Total
			60km/h	90km/h	120km/h	
BANGLADESH	Barisal	Barguna	679,060			679,060
		Patuakhali	281,469			281,469
		Pirojpur	303,762			303,762
	Khulna	Bagerhat	541,609			541,609
		Jessore	320,755			320,755
		Khulna	831,659			831,659
		Satkhira	2,138,003			2,138,003
	<b>BANGLADESH - TOT</b>					5,096,317
INDIA	Chhattisgarh	Jashpur	186,909			186,909
	Jharkhand	Bokaro	1,985,451			1,985,451
		Chatra	73,946			73,946
		Dhanbad	184,621			184,621
		Gumla	1,055,717			1,055,717
		Hazaribag	1,467,012			1,467,012
		Latehar	160,404			160,404
		Lohardaga	497,338			497,338
		Pashchim Singhbhum	1,442,781	208,806		1,651,587
		Purba Singhbhum	2,445,271	95,038		2,540,309
		Ranchi	3,759,852			3,759,852
		Saraikela Kharsawan	1,158,855			1,158,855
		Simdega	638,522			638,522
		Orissa	Angul	1,192,549		
	Baleshwar		4,832	1,058,269	1,329,626	2,392,727
	Bhadrak		234,432	1,171,269	179,018	1,584,719
	Boudh		34,879			34,879
	Cuttack		2,838,645			2,838,645
	Deogarh		326,643			326,643
	Dhenkanal		1,248,085			1,248,085
	Ganjam		1,496,398			1,496,398
	Jagatsinghpur		1,083,010	96,248		1,179,258
	Jajpur		1,837,858	52,688		1,890,546
	Jharsuguda		1,465			1,465
	Kendrapara		865,892	646,952	7	1,512,851
	Keonjhar		1,771,309	111,255		1,882,564
	Khordha		2,311,774			2,311,774
	Mayurbhanj		125,319	1,471,116	1,047,175	2,643,610
	Nayagarh		978,988			978,988
	Puri		1,701,989			1,701,989
	Sambalpur		117,544			117,544
	Sundargarh	1,746,389			1,746,389	
	West Bengal	Bankura	3,745,388			3,745,388
		Barddhaman	4,960,756			4,960,756
		East Midnapore	5,210,914	164,774		5,375,688
		Haora	5,029,457			5,029,457
		Hugli	5,782,380			5,782,380
		Kolkata	4,360,447			4,360,447
		Nadia	2,097,139			2,097,139
		North 24 Parganas	10,608,064			10,608,064
		Puruliya	2,966,608			2,966,608
		South 24 Parganas	8,411,468			8,411,468
West Midnapore	5,913,901	255,291		6,169,192		
<b>INDIA - TOT</b>			94,061,201	5,331,706	2,555,826	101,948,733
<b>All - TOT</b>			99,157,518	5,331,706	2,555,826	107,045,050