



CHALANE-20 - Population Exposure Estimation based on bulletin n. 12

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 30-12-2020 at 07:46 UTC
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admin0	admin1	admin2	population		Total	
			60km/h	90km/h		
MADAGASCAR	Alaotra Mangoro	Ambatondrazaka	382,091		382,091	
		Amparafaravola	313,028		313,028	
		Andilamena	52,435		52,435	
		Moramanga	242,263		242,263	
	Analamanga	Ambohidratrimo	487,066		487,066	
		Anjozorobe	208,560		208,560	
		Ankazobe	177,185		177,185	
		Antananarivo Atsimondrano	539,239		539,239	
		Antananarivo Avaradrano	363,203		363,203	
		Antananarivo I	306,310		306,310	
		Antananarivo II	132,403		132,403	
		Antananarivo III	122,628		122,628	
		Antananarivo IV	329,788		329,788	
		Antananarivo V	390,137		390,137	
		Antananarivo VI	177,155		177,155	
		Manjakandriana	175,493		175,493	
		Analanjirofo	Fenerive Est	360,077		360,077
			Mananara-Avaratra	122,106		122,106
	Sainte Marie		27,706		27,706	
	Soanierana Ivongo		144,017		144,017	
	Vavatenina		203,671		203,671	
	Atsinanana	Brickaville	158,109		158,109	
		Toamasina I	302,476		302,476	
		Toamasina II	275,356		275,356	
	Betsiboka	Maevatanana	35,503		35,503	
		Tsaratana	77,379		77,379	
	Bongolava	Fenoarivobe	30,407		30,407	
	Itasy	Arivonimamo	55,416		55,416	
		Miarinarivo	11,252		11,252	
	Sava	Antalaha	3,486		3,486	
Sofia	Mandritsara	63		63		
MADAGASCAR - TOT			6,206,008		6,206,008	
MOZAMBIQUE	Manica	Barue	25,304		25,304	
		Cidade de Chimoio	350,484		350,484	
		Gondola	269,565		269,565	
		Machaze	8,177		8,177	
		Macossa	6,881		6,881	
		Manica	328,775		328,775	
		Mossurize	120,606		120,606	
		Sussundenga	160,403		160,403	
	Sofala	Buzi	166,298	1,044	167,342	
		Caia	411		411	
		Cheringoma	41,752		41,752	
		Chibabava	115,358		115,358	
		Cidade da Beira	389,416	82,844	472,260	
		Dondo		174,067	174,067	
		Gorongosa	169,761	80	169,841	
		Machanga	6,379		6,379	
		Maringue	17,669		17,669	
		Marromeu	76,926		76,926	
		Muanza	19,354	20,030	39,384	
		Nhamatanda	199,469	97,800	297,269	
Zambezia	Chinde	87,004		87,004		
MOZAMBIQUE - TOT			2,559,992	375,865	2,935,857	
ZIMBABWE	Manicaland	Buhera	263,852		263,852	
		Chimanimani	141,983		141,983	
		Chipinge	185,686		185,686	
		Makoni	78,027		78,027	

		Mutare	481,241		481,241
		Mutasa	129,639		129,639
		Nyanga	263		263
	Mashonaland East	Chikomba	79,153		79,153
		Hwedza	34,308		34,308
	Masvingo	Bikita	161,398		161,398
		Chiredzi	2,500		2,500
		Gutu	208,210		208,210
		Masvingo	38,333		38,333
		Zaka	98,149		98,149
	ZIMBABWE - TOT		1,902,742		1,902,742
	All - TOT		10,668,742	375,865	11,044,607