



CHALANE-20 - Population Exposure Estimation based on bulletin n. 10

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 29-12-2020 at 08:31 UTC
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admin0	admin1	admin2	population		Total	
			60km/h	90km/h		
MADAGASCAR	Alaotra Mangoro	Ambatondrazaka	381,649		381,649	
		Amparafaravola	314,657		314,657	
		Andilamena	52,565		52,565	
		Moramanga	242,466		242,466	
	Analamanga	Ambohidratrimo	464,331		464,331	
		Anjozorobe	208,201		208,201	
		Ankazobe	177,370		177,370	
		Antananarivo Atsimondrano	469,825		469,825	
		Antananarivo Avaradrano	404,932		404,932	
		Antananarivo I	219,376		219,376	
		Antananarivo II	225,808		225,808	
		Antananarivo III	185,228		185,228	
		Antananarivo IV	293,562		293,562	
		Antananarivo V	413,047		413,047	
		Antananarivo VI	195,083		195,083	
		Manjakandriana	179,549		179,549	
		Analanjirifo	Fenerive Est	359,935		359,935
			Mananara-Avaratra	117,923		117,923
	Sainte Marie		29,127		29,127	
	Soanierana Ivongo		147,001		147,001	
	Vavatenina		202,074		202,074	
	Atsinanana	Brickaville	159,511		159,511	
		Toamasina I	313,331		313,331	
		Toamasina II	267,161		267,161	
	Betsiboka	Maevatanana	35,840		35,840	
		Tsaratana	76,623		76,623	
	Bongolava	Fenoarivobe	31,483		31,483	
	Itasy	Arivonimamo	52,175		52,175	
		Miarinarivo	11,968		11,968	
	Sava	Antalaha	3,645		3,645	
Sofia	Mandritsara	60		60		
MADAGASCAR - TOT			6,235,506		6,235,506	
MOZAMBIQUE	Manica	Cidade de Chimoio	352,900		352,900	
		Gondola	196,931		196,931	
		Machaze	2,431		2,431	
		Manica	14,346		14,346	
		Mossurize	87,979		87,979	
		Sussundenga	158,752		158,752	
	Sofala	Buzi	120,434	46,066	166,500	
		Cheringoma	2,886		2,886	
		Chibabava	88,437		88,437	
		Cidade da Beira		501,401	501,401	
		Dondo	1,855	171,533	173,388	
		Gorongosa	7,457		7,457	
		Machanga	1		1	
		Marromeu	5,526		5,526	
		Muanza	20,291	14,466	34,757	
		Nhamatanda	284,915	14,339	299,254	
	Zambezia	Chinde	5,706		5,706	
MOZAMBIQUE - TOT		1,350,847	747,805	2,098,652		

ZIMBABWE	Manicaland	Buhera	137,065	747,805		137,065
		Chimanimani	144,016			144,016
		Chipinge	119,367			119,367
		Mutare	140,154			140,154
	Masvingo	Bikita	147,342			147,342
		Gutu	95,420			95,420
		Masvingo	4,024			4,024
		Zaka	14,492			14,492
ZIMBABWE - TOT		801,880			801,880	
All - TOT		8,388,233			9,136,038	