



## ELOISE-21 - Population Exposure Estimation based on bulletin n. 3

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 18-01-2021 at 08:01 UTC  
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admin0	admin1	admin2	population		Total	
			60km/h	90km/h		
MADAGASCAR	Alaotra Mangoro	Andilamena	31,297	8,590	39,887	
		Mananara-Avaratra	106,644	89,153	195,797	
	Analanjirofo	Maroantsetra	4,645	247,103	251,748	
		Sainte Marie	1,923		1,923	
		Soanierana Ivongo	83,272		83,272	
		Betsiboka	Kandreho	4,750	50	4,800
			Maevatanana	79,217	38,505	117,722
	Tsaratana		45,586	20,065	65,651	
	Boeny	Ambato Boeni	1,647	244,377	246,024	
		Mahajanga II	46,775		46,775	
		Marovoay	146,128	69,956	216,084	
		Mitsinjo	28,689	2,868	31,557	
	Melaky	Soalala	15,363	13,674	29,037	
		Ambatomainty	2,308		2,308	
		Antsalova	299		299	
		Besalampy	48,045	20,475	68,520	
		Maintirano	122,459		122,459	
	Sava	Morafenobe	14,717		14,717	
		Andapa	142,983		142,983	
		Antalaha	201,294	43,936	245,230	
		Sambava	46,004		46,004	
	Sofia	Anlalava	17,436		17,436	
		Antsohihy	34,640		34,640	
		Bealanana	24,756		24,756	
		Befandriana Nord	223,457	52,340	275,797	
		Mampikony	232	157,058	157,290	
		Mandritsara	7,295	291,551	298,846	
	Port-Berge (Boriziny-Vaovao)	141,064	80,868	221,932		
	<b>MADAGASCAR - TOT</b>			1,622,925	1,380,569	3,003,494
	MOZAMBIQUE	Inhambane	Funhalouro			
			Govuro	38,197		38,197
			Inhassoro	51,416		51,416
			Mabote	8,016		8,016
Massinga			143,204		143,204	
Manica		Vilankulo	179,631		179,631	
		Machaze	47		47	
		Sofala	Buzi	136,324		136,324
			Cheringoma	24,829		24,829
			Chibabava	12,086		12,086
			Cidade da Beira	502,878		502,878
			Dondo	173,967		173,967
			Gorongosa	478		478
			Machanga	52,164		52,164
			Marromeu	138,802		138,802
Muanza			37,975		37,975	
Nhamatanda		81,446		81,446		
Zambezia		Chinde	131,446		131,446	
		Cidade de Quelimane	330,044		330,044	
	Inhassunge	86,430		86,430		
	Maganja da Costa	56,472		56,472		
	Mopeia	70,936		70,936		
	Namacurra	191,223		191,223		
Nicoadala	155,720		155,720			
<b>MOZAMBIQUE - TOT</b>			2,603,731		2,603,731	
<b>All - TOT</b>			4,226,656	1,380,569	5,607,225	