



CHALANE-20 - Population Exposure Estimation based on bulletin n. 8

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 28-12-2020 at 09:01 UTC
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admin0	admin1	admin2	population			Total
			60km/h	90km/h	120km/h	
BOTSWANA	Central	---	84,718			84,718
	Ngamiland	---	555			555
	North East	---	46,506			46,506
BOTSWANA - TOT			131,779			131,779
MADAGASCAR	Alaotra Mangoro	Ambatondrazaka	380,828			380,828
		Amparafaravola	316,332			316,332
		Andilamena	52,338			52,338
		Moramanga	260,006			260,006
	Analamanga	Ambohidratrimo	489,256			489,256
		Anjozorobe	208,042			208,042
		Ankazobe	181,588			181,588
		Antananarivo Atsimondrano	488,636			488,636
		Antananarivo Avaradrano	390,961			390,961
		Antananarivo I	261,454			261,454
		Antananarivo II	119,639			119,639
		Antananarivo III	217,053			217,053
		Antananarivo IV	321,192			321,192
		Antananarivo V	384,727			384,727
		Antananarivo VI	197,312			197,312
	Manjakandriana	178,753			178,753	
	Analanjirifo	Fenerive Est	359,386			359,386
		Mananara-Avaratra	120,054			120,054
		Sainte Marie	24,270			24,270
		Soanierana Ivongo	158,399			158,399
	Atsinanana	Vavatenina	201,370			201,370
		Brickaville	161,014			161,014
		Toamasina I	314,815			314,815
	Betsiboka	Toamasina II	276,329			276,329
		Maevatanana	35,811			35,811
	Bongolava	Tsaratanana	77,281			77,281
		Fenoarivobe	31,242			31,242
	Itasy	Arivonimamo	53,167			53,167
		Miarinarivo	12,042			12,042
	Sava	Antalaha	2,876			2,876
		Mandritsara	56			56
	MADAGASCAR - TOT			6,276,229		
MOZAMBIQUE	Inhambane	Govuro	259			259
	Manica	Gondola	115,651			115,651
		Machaze	62,875	1,587		64,462
		Manica	577			577
		Mossurize	122,570	39,699	44,870	207,139
		Sussundenga	89,316	24,116	38,122	151,554
	Sofala	Buzi	29,346	54,292	83,221	166,859
		Cheringoma	469			469
		Chibabava	71,568	34,386	20,216	126,170
		Cidade da Beira	37,697	463,526		501,223
		Dondo	176,048			176,048
		Gorongosa	91			91
		Machanga	34,416			34,416
		Muanza	24,311			24,311
Nhamatanda		245,447			245,447	
MOZAMBIQUE - TOT			1,010,641	617,606	186,429	1,814,676

ZIMBABWE	Bulawayo	Bulawayo	696,641			696,641
	Manicaland	Buhera	95,990	11,791		107,781
		Chimanimani	94,800	27,740	21,434	143,974
		Chipinge	175,811	45,498	87,011	308,320
		Mutare	78,578			78,578
		Bikita	30,897	74,926	68,316	174,139
	Masvingo	Chiredzi	71,409			71,409
		Chivi	105,780	44,626	24,369	174,775
		Gutu	186,079	8,960		195,039
		Masvingo	109,146	117,197	94,885	321,228
		Mwenezi	14,770			14,770
		Zaka	77,452	62,223	56,173	195,848
		Bubi	12,160			12,160
	Matabeleland North	Tsholotsho	41,244			41,244
		Umguzu	80,454			80,454
		Bulilima	96,282			96,282
	Matabeleland South	Gwanda	35,334			35,334
		Insiza	103,319			103,319
		Mangwe	37,259			37,259
		Matobo	39,732			39,732
		Umzingwane	66,988			66,988
		Chirumhanzu	43,419			43,419
	Midlands	Gweru	11,780			11,780
		Mberengwa	151,568			151,568
		Shurugwi	102,031	218		102,249
		Zvishavane	123,965	361		124,326
		Zimbabwe - TOT		2,682,888	393,540	352,188
	All - TOT		10,101,537	1,011,146	538,617	11,651,300