



## YASA-20 - Population Exposure Estimation based on bulletin n. 20

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 17-12-2020 at 09:32 UTC  
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admin0	admin1	admin2	population			Total
			60km/h	90km/h	120km/h	
FIJI	Central	Naitasiri		157,375		157,375
		Namosi	1,687	4,501		6,188
		Rewa	514	105,138		105,652
		Serua	18,137	739		18,876
		Tailevu		76,578		76,578
	Eastern	Kadavu	6,104			6,104
		Lau	294	1,385	3,051	4,730
		Lomaiviti		9,393	2,201	11,594
		Rotuma	99			99
	Northern	Bua			12,704	12,704
		Cakaudrove		508	40,039	40,547
		Macuata		93	64,119	64,212
	Western	Ba	54,724	171,148	772	226,644
		Nadroga & Navosa	44,939	6,676		51,615
Ra			30,786		30,786	
FIJI - TOT			126,498	564,320	122,886	813,704
TONGA	---	---	---	---	72,448	
All - TOT		198,946	564,320	122,886	886,152	