



## VAMCO-20 - Population Exposure Estimation based on bulletin n. 5

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 10-11-2020 at 09:32 UTC  
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admin0	admin1	admin2	population			Total
			60km/h	90km/h	120km/h	
CAMBODIA	Ratanak Kiri	Ta Veaeang	1,686			1,686
CAMBODIA - TOT			1,686			1,686
LAO PEOPLE'S DEMOCRATIC REPUBLIC	Attapu	Phouvong	5,699			5,699
		Samakkhixay	24,816			24,816
		Sanamxay				
		Sanxay	14,404			14,404
		Xaysetha	73,755			73,755
	Champasak	Paksong	24,241			24,241
	Khammouan	Bualapha	2,595			2,595
	Salavan	Lao Ngarm	10,472			10,472
		Samuoi	2,856			2,856
		Saravane	141,189			141,189
		Ta Oi	21,860	35		21,895
		Toomlarn	53,870			53,870
	Savannakhet	Vapy	15,087			15,087
		Nong	18,474			18,474
		Phine	46,002			46,002
		Sepone	33,507			33,507
		Thapangthong	17,404			17,404
	Xekong	Vilabuly	4,672			4,672
		Dakcheung	25,727			25,727
		Kaleum	12,239	7,327		19,566
		Lamarm	40,108			40,108
		Thateng	14,538			14,538
	LAO PEOPLE'S DEMOCRATIC REPUBLIC -			603,515	7,362	
PHILIPPINES	Cordillera Administrative region (CAR)	Abra	252,878			252,878
		Apayao	124,982			124,982
		Benguet	806,541			806,541
		Ifugao	237,592			237,592
		Kalinga	250,415			250,415
		Mountain Province	184,296			184,296
	National Capital region (NCR)	Metropolitan Manila		272,194	13,378,006	13,650,200
	Region I (Ilocos region)	Ilocos Norte	606,558			606,558
		Ilocos Sur	701,928			701,928
		La Union	758,173			758,173
		Pangasinan	3,090,686			3,090,686
	Region II (Cagayan Valley)	Cagayan	1,207,284			1,207,284
		Isabela	1,593,964			1,593,964
		Nueva Vizcaya	478,072			478,072
		Quirino	215,709			215,709
	Region III (Central Luzon)	Aurora	216,653	5,052		221,705
		Bataan		113,039	671,981	785,020
		Bulacan		3,151,653	178,227	3,329,880
		Nueva Ecija	2,006,485	243,918		2,250,403
		Pampanga		2,555,799	163	2,555,962
		Tarlac	1,311,810	97,566		1,409,376
		Zambales	182,975	326,128	246,131	755,234
	Region IV (Southern Tagalog)	Marinduque	25,195	194,958		220,153
		Mindoro Occidental	423,995	43,587		467,582
		Mindoro Oriental	749,875	124,312		874,187
		Palawan	303,151			303,151
		Romblon	276,897			276,897
	Region IV-A (Calabarzon)	Batangas		1,867,181	852,946	2,720,127

		<b>Cavite</b>			3,933,313	3,933,313
		<b>Laguna</b>			3,149,680	3,149,680
		<b>Quezon</b>	35,614	1,448,488	642,933	2,127,035
		<b>Rizal</b>		50,478	2,533,699	2,584,177
	<b>Region V (Bicol region)</b>	<b>Albay</b>	1,162,804	180,268		1,343,072
		<b>Camarines Norte</b>		5,536	585,777	591,313
		<b>Camarines Sur</b>	25,879	1,927,202	55,934	2,009,015
		<b>Catanduanes</b>		205,981	41,737	247,718
		<b>Masbate</b>	826,412			826,412
		<b>Sorsogon</b>	730,409			730,409
	<b>Region VI (Western Visayas)</b>	<b>Aklan</b>	595,022			595,022
		<b>Antique</b>	491,800			491,800
		<b>Capiz</b>	782,572			782,572
		<b>Guimaras</b>	176,321			176,321
		<b>Iloilo</b>	2,420,713			2,420,713
		<b>Negros Occidental</b>	2,647,827			2,647,827
	<b>Region VII (Central Visayas)</b>	<b>Cebu</b>	1,023,269			1,023,269
		<b>Negros Oriental</b>	146,161			146,161
	<b>Region VIII (Eastern Visayas)</b>	<b>Biliran</b>	149,500			149,500
		<b>Eastern Samar</b>	289,498			289,498
		<b>Leyte</b>	1,381,082			1,381,082
		<b>Northern Samar</b>	587,953			587,953
		<b>Samar</b>	682,255			682,255
<b>PHILIPPINES - TOT</b>			30,161,205	12,813,340	26,270,527	69,245,072
<b>VIET NAM</b>	<b>Binh Dinh</b>	<b>An Lao</b>	26,231			26,231
		<b>An Nhon</b>	193,366			193,366
		<b>Hoai Nhon</b>	221,984			221,984
		<b>Hoai an</b>	91,980			91,980
		<b>Phu Cat</b>	210,861			210,861
		<b>Phu My</b>	183,251			183,251
		<b>Qui Nhon City</b>	300,347			300,347
		<b>Tay Son</b>	137,631			137,631
		<b>Tuy Phuoc</b>	182,493			182,493
		<b>Van Canh</b>	26,898			26,898
		<b>Vinh Thanh</b>	30,204			30,204
	<b>Da Nang City</b>	<b>Hai Chau</b>			259,111	259,111
		<b>Hoa Vang</b>		145	269,459	269,604
		<b>Lien Chieu</b>			157,778	157,778
		<b>Ngu Hanh Son</b>			66,797	66,797
		<b>Son Tra</b>			114,717	114,717
		<b>Thanh Khe</b>			183,022	183,022
	<b>Gia Lai</b>	<b>An Khe township</b>	73,766			73,766
		<b>Chu Pah</b>	75,647			75,647
		<b>Chu Prong</b>	156			156
		<b>Chu Se</b>	12,074			12,074
		<b>Dak Doa</b>	108,180			108,180
		<b>Dak Po</b>	43,702			43,702
		<b>Ia Grai</b>	56,249			56,249
		<b>Ia Pa</b>	7,539			7,539
		<b>KBang</b>	71,890			71,890
		<b>Kong Chro</b>	49,360			49,360
		<b>Krong Pa</b>	167			167
		<b>Mang Yang</b>	59,915			59,915
		<b>Pleiku Township</b>	228,937			228,937
	<b>Kon Tum</b>	<b>Dak Glei</b>	47,622			47,622
		<b>Dak Ha</b>	74,405			74,405
		<b>Dak To</b>	73,157			73,157
		<b>Kon Plong</b>	26,325			26,325
		<b>Kon Ray</b>	26,469			26,469
		<b>Kon Tum Township</b>	174,236			174,236
		<b>Ngoc Hoi</b>	50,762			50,762
		<b>Sa Thay</b>	47,078			47,078
	<b>Phu Yen</b>	<b>Dong Xuan</b>	63,881			63,881
		<b>Phu Hoa</b>	105,550			105,550
		<b>Son Hoa</b>	8,190			8,190
		<b>Song Cau</b>	106,245			106,245
		<b>Tuy An</b>	133,476			133,476
		<b>Tuy Hoa</b>	173,395			173,395
		<b>Tuy Hoa Township</b>	157,417			157,417
	<b>Quang Binh</b>	<b>Bo Trach</b>	118,173			118,173
		<b>Dong Hoi City</b>	118,820			118,820

		<b>Le Thuy</b>			154,378			
		<b>Quang Ninh</b>			93,285			
	<b>Quang Nam</b>	<b>Bac Tra My</b>		4,891	37,154	42,045		
		<b>Dai Loc</b>		149,322		15,613	164,935	
		<b>Dien Ban</b>		42,706		183,286	225,992	
		<b>Dong Giang</b>		24,789		1,193	25,982	
		<b>Duy Xuyen</b>		107,209		20,476	127,685	
		<b>Hiep Duc</b>		41,847			43,231	
		<b>Hoi An</b>				199	199	
		<b>Hoi An Township</b>				98,304	98,304	
		<b>Nam Giang</b>		15,200			24,122	
		<b>Nam Tra My</b>					28,320	
		<b>Nui Thanh</b>		139,906			139,906	
		<b>Phuoc Son</b>		352			25,202	
		<b>Que Son</b>		128,554			128,566	
		<b>Tam Ky Township</b>		214,085			214,085	
		<b>Tay Giang</b>		12,503			18,145	
		<b>Thang Binh</b>		189,626		280	189,906	
		<b>Tien Phuoc</b>		73,446			76,410	
		<b>Quang Ngai</b>	<b>Ba To</b>			56,246	56,246	
	<b>Binh Son</b>			183,794			184,285	
	<b>Duc Pho</b>					151,178	151,178	
	<b>Ly Son</b>			15,487			15,487	
	<b>Minh Long</b>					13,412	13,412	
	<b>Mo Duc</b>					136,201	136,201	
	<b>Nghia Hanh</b>					103,095	103,095	
	<b>Quang Ngai Township</b>					126,556	126,556	
	<b>Son Ha</b>					74,016	74,016	
	<b>Son Tay</b>					18,744	18,744	
	<b>Son Tinh</b>			50,300			198,963	
	<b>Tay Tra</b>					19,189	19,189	
	<b>Tra Bong</b>			402			36,031	
	<b>Tu Nghia</b>					176,764	176,764	
	<b>Quang Tri</b>	<b>Cam Lo</b>			51,140	51,140		
		<b>Da Krong</b>		9		41,635		
		<b>Dong Ha Township</b>				89,964	89,964	
		<b>Gio Linh</b>				77,793	77,793	
		<b>Hai Lang</b>		52,182			101,265	
		<b>Huong Hoa</b>				81,061	81,061	
		<b>Quang Tri Township</b>				19,487	19,487	
		<b>Trieu Phong</b>				103,145	103,145	
		<b>Vinh Linh</b>				95,379	95,379	
	<b>Thua Thien - Hue</b>	<b>A Luoi</b>		38,662	316	38,978		
		<b>Hue City</b>		308,806	69,406		378,212	
		<b>Huong Thuy</b>		3,457	103,866		107,323	
		<b>Huong Tra</b>		120,223	11,267		131,490	
		<b>Nam Dong</b>		442	24,546		24,988	
		<b>Phong Dien</b>		103,830		79	103,909	
		<b>Phu Loc</b>		3,219	158,383		161,602	
		<b>Phu Vang</b>		62,475	83,069		145,544	
	<b>Quang Dien</b>		87,669			87,669		
	<b>VIET NAM - TOT</b>				5,924,197	2,175,538	1,820,772	9,920,507
	<b>All - TOT</b>				36,690,603	14,996,240	28,091,299	79,778,142