



VAMCO-20 - Population Exposure Estimation based on bulletin n. 9

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 11-11-2020 at 09:01 UTC
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admin0	admin1	admin2	population			Total
			60km/h	90km/h	120km/h	
CHINA	Hainan Sheng	Hainan	858,482			858,482
		Sanya	532,188			532,188
		CHINA - TOT		1,390,670		
LAO PEOPLE'S DEMOCRATIC REPUBLIC	Attapu	Sanxay	2,386			2,386
		Khammouan	Bualapha	26,109		
	Mahaxay		21			21
	Xaybuathong		3,069			3,069
	Salavan	Samuoi	2,771	102		2,873
		Saravane	23,258			23,258
		Ta Oi	21,930			21,930
		Toomlarn	53,496			53,496
	Savannakhet	Atsaphone	1,111			1,111
		Nong	18,967			18,967
		Phine	69,587			69,587
		Sepone	33,471	1,294		34,765
		Thapangthong	13,785			13,785
		Thaphalanxay	2,710			2,710
		Vilabuly	21,149			21,149
		Xonbuly	2,142			2,142
	Xekong	Dakcheung	25,149			25,149
		Kaleum	19,515			19,515
		Lamarm	5,643			5,643
	LAO PEOPLE'S DEMOCRATIC REPUBLIC - TOT					346,269
PHILIPPINES	Cordillera Administrative region (CAR)	Abra	252,837			252,837
		Apayao	77,655			77,655
		Benguet	793,578	12,261		805,839
		Ifugao	235,520			235,520
		Kalinga	250,449			250,449
		Mountain Province	184,320			184,320
	National Capital region (NCR)	Metropolitan Manila		5,187,379	8,459,223	13,646,602
	Region I (Ilocos region)	Ilocos Norte	600,406			600,406
		Ilocos Sur	701,256			701,256
		La Union	694,161	68,061		762,222
		Pangasinan	31,190	3,051,262		3,082,452
	Region II (Cagayan Valley)	Cagayan	669,703			669,703
		Isabela	1,595,734			1,595,734
		Nueva Vizcaya	413,178	65,727		478,905
		Quirino	179,471	36,953		216,424
	Region III (Central Luzon)	Aurora	21,331	181,279	18,477	221,087
		Bataan		361,703	420,740	782,443
		Bulacan			3,309,664	3,309,664
		Nueva Ecija		946,366	1,304,964	2,251,330
		Pampanga			2,555,951	2,555,951
		Tarlac		448,535	967,217	1,415,752
		Zambales		73,679	683,764	757,443
Region IV (Southern Tagalog)		Marinduque	42,896	177,985		220,881
Mindoro Oriental	Mindoro Oriental	468,028			468,028	
	Mindoro Oriental	874,196			874,196	
	Palawan	89,579			89,579	
Romblon	Romblon	273,223			273,223	
	Batangas	795,928	1,922,895		2,718,823	
Region IV-A (Calabarzon)	Cavite		3,956,634		3,956,634	
	Laguna		3,126,538	27,105	3,153,643	
	Quezon		1,882,997	241,671	2,124,668	

		Rizal		638,092	1,946,879	2,584,971
	Region V (Bicol region)	Albay		1,343,863		1,343,863
		Camarines Norte		3,629	586,578	590,207
		Camarines Sur		1,904,002	104,459	2,008,461
		Catanduanes		228,154	16,283	244,437
		Masbate	784,699	46,318		831,017
		Sorsogon	336,658	386,108		722,766
	Region VI (Western Visayas)	Capiz				
	Region VIII (Eastern Visayas)	Eastern Samar	19,621			19,621
		Northern Samar	586,807			586,807
		Samar	211,912			211,912
PHILIPPINES - TOT			11,184,336	26,050,420	20,642,975	57,877,731
VIET NAM	Binh Dinh	An Lao	26,232			26,232
		An Nhon	30,442			30,442
		Hoai Nhon	222,009			222,009
		Hoai an	91,950			91,950
		Phu Cat	204,006			204,006
		Phu My	183,320			183,320
		Qui Nhon City	4,873			4,873
		Tay Son	4,740			4,740
		Tuy Phuoc	47,978			47,978
		Vinh Thanh	10,058			10,058
	Da Nang City	Hai Chau		272,838		272,838
		Hoa Vang	99,170	170,366		269,536
		Lien Chieu		157,818		157,818
		Ngu Hanh Son	4,385	64,385		68,770
		Son Tra		114,717		114,717
		Thanh Khe		171,181		171,181
	Gia Lai	KBang	11,354			11,354
	Ha Tinh	Ky Anh	141,863			141,863
	Kon Tum	Dak Glei	42,144			42,144
		Dak Ha	1,129			1,129
		Dak To	26,775			26,775
		Kon Plong	26,407			26,407
		Kon Ray	7,413			7,413
		Ngoc Hoi	321			321
	Quang Binh	Bo Trach	198,779			198,779
		Dong Hoi City	118,938			118,938
		Le Thuy	80	152,777		152,857
		Minh Hoa	37,623			37,623
		Quang Ninh	49,661	43,639		93,300
		Quang Trach	221,067			221,067
		Tuyen Hoa	72,938			72,938
	Quang Nam	Bac Tra My	41,994			41,994
		Dai Loc	164,900			164,900
		Dien Ban	224,126	187		224,313
		Dong Giang	25,874			25,874
		Duy Xuyen	128,291			128,291
		Hiep Duc	43,194			43,194
		Hoi An		199		199
		Hoi An Township	98,579			98,579
		Nam Giang	24,135			24,135
		Nam Tra My	28,360			28,360
		Nui Thanh	140,887			140,887
		Phuoc Son	25,202			25,202
		Que Son	128,561			128,561
		Tam Ky Township	213,136			213,136
		Tay Giang	18,250			18,250
		Thang Binh	189,990			189,990
	Tien Phuoc	76,419			76,419	
	Quang Ngai	Ba To	56,312			56,312
		Binh Son	183,224			183,224
		Duc Pho	151,179			151,179
		Ly Son	15,767			15,767
		Minh Long	16,855			16,855
		Mo Duc	136,357			136,357
		Nghia Hanh	100,096			100,096
		Quang Ngai Township	125,059			125,059
		Son Ha	74,146			74,146
		Son Tay	18,669			18,669
		Son Tinh	199,964			199,964
	Tay Tra	19,260			19,260	

		Tra Bong	35,830			35,830	
		Tu Nghia	177,663			177,663	
	Quang Tri	Cam Lo		51,482		51,482	
		Da Krong	11,753	29,888		41,641	
		Dong Ha Township		90,314		90,314	
		Gio Linh		77,043		77,043	
		Hai Lang		101,426		101,426	
		Huong Hoa	45,369	33,917		79,286	
		Quang Tri Township		19,487		19,487	
		Trieu Phong		103,151		103,151	
		Vinh Linh		96,922		96,922	
		Thua Thien - Hue	A Luoi	38,846	129		38,975
			Hue City		377,267		377,267
	Huong Thuy		49	107,654		107,703	
	Huong Tra		19	134,744		134,763	
	Nam Dong		21,421	3,636		25,057	
	Phong Dien		11	104,235		104,246	
	Phu Loc			161,601		161,601	
	Phu Vang			147,389		147,389	
		Quang Dien		84,238		84,238	
	VIET NAM - TOT		4,885,402	2,872,630		7,758,032	
	All - TOT		17,806,677	28,924,446	20,642,975	67,374,098	