



ELSA-21 - Population Exposure Estimation based on bulletin n. 7

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 02-07-2021 at 09:31 UTC
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admin0	admin1	admin2	population		Total
			60km/h	90km/h	
BAHAMAS	Under National Administration	Under National Administration			
BAHAMAS - TOT					
BARBADOS	Christ Church	---		46,392	46,392
		---		5,638	5,638
		---		20,640	20,640
		---		27,096	27,096
		---		8,830	8,830
		---		7,547	7,547
		---		11,660	11,660
		---		100,696	100,696
		---		9,217	9,217
		---		31,911	31,911
BARBADOS - TOT				283,488	283,488
CAYMAN ISLANDS	Cayman Brac	---	1,482		1,482
		---	20		20
CAYMAN ISLANDS - TOT			1,502		1,502
CUBA	Camaguey	Camaguey	333,542	3,803	337,345
		Carl. Man. De Cespedes	23,422		23,422
		Esmeralda	26,985		26,985
		Florida	45,542	17,776	63,318
		Jimaguayu	9,558	4,655	14,213
		Minas	52,509		52,509
		Najasa	14,068	20,176	34,244
		Nuevitas	107,790		107,790
		Santa Cruz Del Sur		35,130	35,130
		Sibanicu	24,583		24,583
		Sierra De Cubitas	1,946		1,946
		Vertientes		40,981	40,981
		Ciego De Avila	Baragua	11,958	8,339
	Bolivia		16,064		16,064
	Chambas		47,321		47,321
	Ciego De Avila		49,842	23,841	73,683
	Ciro Redondo		139,051	12	139,063
	Florencia		11,140	7	11,147
	Majagua		1,119	22,793	23,912
	Moron		42,672		42,672
	Primero De Enero		34,940		34,940
	Venezuela			20,831	20,831
	Cienfuegos	Abreus		18,590	18,590
		Aguada De Pasajeros	2	30,257	30,259
		Cienfuegos		171,946	171,946
		Cruces		11,517	11,517
		Cumanayagua		39,132	39,132
		Lajas		65,984	65,984
		Palmira		27,136	27,136
		Rodas		25,232	25,232
	Ciudad De La Habana	Arroyo Naranjo	50,906		50,906
		Boyeros	285,365		285,365
		Centro Habana	126,764		126,764
Cerro		126,008		126,008	
Cotorro		27,062		27,062	
Diez De Octubre		160,079		160,079	
Guanabacoa		10,139		10,139	
Habana Del Este		208,549		208,549	
La Lisa		39,202		39,202	
Marianao		20,593		20,593	
Playa		430,756		430,756	

	Plaza De La Revolucion	290,597		290,597	
	Regla	112,535		112,535	
	San Miguel Del Padron	81,305		81,305	
Granma	Bartolome Maso		56,620	56,620	
	Bayamo	213,300	16,094	229,394	
	Buey Arriba		33,113	33,113	
	Campechuela		40,571	40,571	
	Cauto Cristo	14,945		14,945	
	Guisa	31,353	16,660	48,013	
	Jiguani	66,704		66,704	
	Manzanillo		122,049	122,049	
	Media Luna		72,964	72,964	
	Pilon		29,185	29,185	
	Rio Cauto	41,391	3,325	44,716	
	Yara		52,116	52,116	
	Guantanamo	Baracoa	60,575		60,575
		Caimanera	22,359		22,359
El Salvador		14,616		14,616	
Guantanamo		285,734		285,734	
Imias		25,811		25,811	
Maisi		36,725		36,725	
Manuel Tames		2,030		2,030	
Niceto Perez		33,120		33,120	
San Antonio Del Sur		20,292		20,292	
Yateras		7,133		7,133	
Holguin		Antilla	758		758
	Baguanos	49,325		49,325	
	Banes	78,677		78,677	
	Cacocum	39,198		39,198	
	Calixto Garcia	59,548		59,548	
	Cueto	36,537		36,537	
	Frank Pais	23,949		23,949	
	Holguin	346,871		346,871	
	Jibara	48,224		48,224	
	Mayari	104,024		104,024	
	Moa	69,082		69,082	
	Name Unknown				
	Rafael Freyre	58,947		58,947	
	Sagua De Tanamo	44,715		44,715	
	Urbano Noris	50,566		50,566	
	Isla De La Juventud	Name Unknown	80		80
La Habana	Alquizar	32,170		32,170	
	Artemisa	76,721		76,721	
	Batabano	22,070		22,070	
	Bauta	148,298		148,298	
	Bejucal	23,343		23,343	
	Caimito	68,490		68,490	
	Guanajay	26,526		26,526	
	Guines	60,295		60,295	
	Guira De Melena	36,915		36,915	
	Jaruco	23,707		23,707	
	Madruga	32,319		32,319	
	Mariel	40,145		40,145	
	Melena Del Sur	20,445		20,445	
	Name Unknown				
	Nueva Paz	19,756		19,756	
	Quivican	35,695		35,695	
	San Antonio De Los Baios	39,678		39,678	
	San Jose De La Lajas	71,871		71,871	
	San Nicolas	24,592		24,592	
	Santa Cruz Del Norte	28,732		28,732	
Las Tunas	Amancio	2,311	33,826	36,137	
	Colombia	28,245	1,269	29,514	
	Jesus Menendez	58,969		58,969	
	Jobabo	38,540	21	38,561	
	Las Tunas	225,441		225,441	
	Majibacoa	25,247		25,247	
	Manati	29,122		29,122	
	Puerto Padre	85,468		85,468	
Matanzas	Calimete	427	29,336	29,763	
	Cardenas		99,495	99,495	
	Cienaga De Zapata	8,344	229	8,573	
	Colon		58,198	58,198	
	Jagiey Grande	6,975	47,881	54,856	

		Jovellanos		43,571		43,571
		Limonar	18,281	20,732		39,013
		Los Arabos		23,859		23,859
		Marti		20,952		20,952
		Matanzas	132,736	15,088		147,824
		Pedro Betancourt	10,482	12,451		22,933
		Perico		34,667		34,667
		Union De Reyes	37,282			37,282
		Varadero		50,885		50,885
	Pinar Del Rio	Bahia Honda	7,716			7,716
		Candelaria	204			204
	Sancti Spiritus	Cabaiguan		67,878		67,878
		Fomento		34,362		34,362
		Jatibonico	1,370	44,393		45,763
		Sancti Spiritus		133,359		133,359
		Taguasco		31,823		31,823
		Trinidad		71,791		71,791
		Venezuela		16,421		16,421
		Yaguajay	43,476	24,122		67,598
	Santiago De Cuba	Contramaestre	95,639			95,639
		Guama	12	22,117		22,129
		Mella	29,438			29,438
		Palma Soriano	125,125	22		125,147
		San Luis	82,722			82,722
		Santiago De Cuba	509,511	4,421		513,932
		Segundo Frente	32,001			32,001
		Songo - La Maya	97,570			97,570
		Tercer Frente	30,387	1,389		31,776
	Villa Clara	Caibarien	1	50,710		50,711
		Camajuani		50,058		50,058
		Cifuentes		56,392		56,392
		Corralillo		29,249		29,249
		Encrucijada		40,462		40,462
		Manicaragua		59,441		59,441
		Placetas		46,192		46,192
		Quemado De Gines		16,156		16,156
		Ranchuelo		54,907		54,907
		Remedios		39,931		39,931
		Sagua La Grande		58,712		58,712
		Santa Clara		220,245		220,245
		Santo Domingo		43,664		43,664
	CUBA - TOT		7,445,313	2,741,512		10,186,825
	DOMINICA	St. Andrew	---	9,124		9,124
		St. David	---	6,344		6,344
		St. George	---	16,896		16,896
		St. John	---	5,787		5,787
		St. Joseph	---	4,979		4,979
		St. Luke	---	1,785		1,785
		St. Mark	---	851		851
		St. Patrick	---	7,959		7,959
		St. Paul	---	6,217		6,217
		St. Peter	---	695		695
	DOMINICA - TOT		60,637			60,637
	DOMINICAN REPUBLIC	Azua	112,327			112,327
		Estebanja (DM)	6,667			6,667
		Guayabal (DM)	7,388			7,388
		Las Charcas (DM)	10,465			10,465
		Las Yayas de Viajama	11,663			11,663
		Nuevo Sabana Yegua (DM)	3,980			3,980
		Padre las Casas	25,576			25,576
		Peralta	14,400			14,400
		Pueblo Viejo (DM)	19,110			19,110
		Villa T bara Arriba (DM)	20,803			20,803
	Baoruco	---	13			13
		Galv n	20,869			20,869
		Los Rjos	8,377			8,377
		Neiba	30,501			30,501
		Tamayo	4,139			4,139
		Ubilla	29,438			29,438
		Villa Jaragua	11,557			11,557
	Barahona	Barahona	81,818			81,818
		Cabral	16,144			16,144
		El Perñn	12,069			12,069
		Enriquillo	13,564			13,564

	La Ciénaga	8,644		8,644
	Las Salinas	5,283		5,283
	Paraiso	13,132		13,132
	Polo	9,345		9,345
	Vicente Noble	22,379		22,379
	Villa Fundación	16,852		16,852
Dajabón	El Pino	1,914		1,914
	Loma de Cabrera	14,473		14,473
	Partido			
	Restauración	7,268		7,268
Distrito Nacional	Distrito Nacional	1,067,297		1,067,297
Eliás Pina	Bani	6,884		6,884
	Comendador	26,971		26,971
	El Llano	9,027		9,027
	Hondo Valle	11,575		11,575
	Juan Santiago	4,459		4,459
	Pedro Santana	1,871		1,871
	Río Limpio	6,185		6,185
Hato Mayor	Hato Mayor	734		734
Independencia	---	71		71
	Cristóbal	6,897		6,897
	Duverg,	14,252		14,252
	Jimaní	17,707		17,707
	La Descubierta	9,173		9,173
	Mella	2,635		2,635
	Postre Río	6,180		6,180
La Altagracia	San Rafael del Yuma	1,627		1,627
La Romana	Guaymate	17		17
	La Romana	235,525		235,525
La Vega	Constanza	62,104		62,104
	Jarabacoa	5,872		5,872
Monsenor Nouel	Maimón	10,650		10,650
	Monseñor Nouel	109,058		109,058
	Piedra Blanca	19,200		19,200
Monte Plata	Bayaguana	1,734		1,734
	Esperalvillo	12,251		12,251
	Monte Plata	18,736		18,736
	Yamas	57,040		57,040
Pedernales	Oviedo	2,013	5,943	7,956
	Pedernales	18,710	2,181	20,891
Peravia	Bani	140,653		140,653
	Fundación	9,532		9,532
	Matanzas	16,517		16,517
	Nizao	32,176		32,176
	Sabana Buey	1,637		1,637
San Cristóbal	Bajos de Haina	135,036		135,036
	Cambita Garabitos	31,905		31,905
	Los Cacaos	8,361		8,361
	Sabana Grande de Palenque	16,726		16,726
	San Cristóbal	268,178		268,178
	San Gregorio de Nigua	27,146		27,146
	Villa Altagracia	93,136		93,136
	Yaguajay	42,412		42,412
San José de Ocoa	Rancho Arriba	11,177		11,177
	Sabana Larga	10,722		10,722
	San José, de Ocoa	43,118		43,118
San Juan	Bohechío	10,377		10,377
	El Cercado	23,216		23,216
	Juan de Herrera	14,170		14,170
	Las Matas de Farfán	48,332		48,332
	San Juan de la Maguana	144,286		144,286
	Vallejuelo	13,290		13,290
San Pedro de Macorís	Consuelo	20,758		20,758
	Los Llanos	16,602		16,602
	Quisqueya	18,033		18,033
	Ramón Santana	5,189		5,189
	San Pedro de Macorís	226,845		226,845
Sanchez Ramírez	Cotují	649		649
Santiago	Jánico			
	San José, de Las Matas	806		806
Santiago Rodríguez	San Ignacio de Sabaneta	3,101		3,101
	Villa Los Almogrosos	68		68
Santo Domingo	Boca Chica	142,961		142,961
	Santo Domingo Este	1,091,057		1,091,057

		Santo Domingo Norte	581,548		581,548
		Santo Domingo Oeste	750,020		750,020
DOMINICAN REPUBLIC - TOT			6,306,353	8,124	6,314,477
GRENADA	Name Unknown	---	14,021		14,021
	St. Andrew's	---	26,900		26,900
	St. George's	---	31,531		31,531
	St. John's	---	7,882		7,882
	St. Mark's	---	3,804		3,804
	St. Patrick's	---	10,549		10,549
GRENADA - TOT			94,687		94,687
GUADELOUPE	---	---	61,585		61,585
GUADELOUPE - TOT			61,585		61,585
HAITI	Artibonite	Dessalines	402,032		402,032
		Gonaives	447,660		447,660
		Gros Morne	226,841		226,841
		Marmelade	186,475		186,475
		Saint-Marc	416,549		416,549
	Centre	Ceca La Source	121,361		121,361
		Hinche	262,012		262,012
		Lascahobas	168,068		168,068
		Mirebalais	190,862		190,862
	Grande Anse	Anse-D'Ainault		92,524	92,524
		Corail		120,856	120,856
		Jeremie		232,355	232,355
	Nippes	Anse-A-Veau		135,703	135,703
		Baraderes		46,328	46,328
		Miragoane		136,221	136,221
	Nord	Acul Du Nord	127,740		127,740
		Borgne	115,447		115,447
		Cap Haitien	138,543		138,543
		Grande Riviere Du Nord	64,311		64,311
		Limbe	104,976		104,976
		Plaisance	122,234		122,234
		Saint-Raphael	168,127		168,127
	Nord Est	Fort Liberte	11,552		11,552
		Ouanaminthe	40,273		40,273
		Trou Du Nord	100,932		100,932
		Valliere	70,971		70,971
	Nord Ouest	Mole Saint Nicolas	241,344		241,344
		Port De Paix	289,960		289,960
		Saint Louis Du Nord	89,769		89,769
	Ouest	Arcahaie	191,480		191,480
		Croix-Des-Bouquets	469,453		469,453
		Gonave	83,266		83,266
		Leogane	196,516	293,243	489,759
		Port-Au-Prince	2,702,928		2,702,928
	Sud	Aquin		214,670	214,670
		Cayes		337,228	337,228
		Chardonnières		67,420	67,420
		Coteaux		55,719	55,719
		Port-Salut		71,470	71,470
	Sud Est	Bainet		133,029	133,029
		Belle Anse	158,676		158,676
		Jacmel	29,328	297,628	326,956
HAITI - TOT			7,939,686	2,234,394	10,174,080
JAMAICA	Clarendon	---	251,490		251,490
	Hanover	---	52,643		52,643
	Manchester	---	201,754		201,754
	Portland	---	68,789		68,789
	Saint Andrew And Kingston	---	682,815		682,815
	Saint Ann	---	180,198		180,198
	Saint Catherine	---	536,743		536,743
	Saint Elizabeth	---	139,212		139,212
	Saint James	---	182,412		182,412
	Saint Mary	---	104,760		104,760
	Saint Thomas	---	95,825		95,825
	Trelawny	---	75,269		75,269
	Westmoreland	---	69,253		69,253
JAMAICA - TOT			2,641,163		2,641,163
MARTINIQUE	Fort-de-France	---	159,853		159,853
	La Trinite	---	72,169		72,169
	Le Marin	---	96,538		96,538
	Saint-Pierre	---	18,231		18,231
MARTINIQUE - TOT			346,791		346,791

PUERTO RICO	Mayaguez	Mayaguez Municipio			
PUERTO RICO - TOT					
SAINT LUCIA	Area Under National Administration	---		249	249
	Region Number 1	---	5,110	15,588	20,698
	Region Number 2	---		4,625	4,625
	Region Number 3	---		9,493	9,493
	Region Number 4	---		16,983	16,983
	Region Number 5	---		23,525	23,525
	Region Number 6	---		10,748	10,748
	Region Number 7	---		7,830	7,830
SAINT LUCIA - TOT			5,110	150,527	155,637
SAINT VINCENT AND THE GRENADINES	Charlotte	---		30,590	30,590
	Grenadines	---	7,108	5,098	12,206
	Saint Andrew	---		5,731	5,731
	Saint David	---		4,702	4,702
	Saint George	---		38,183	38,183
	Saint Patrick	---		4,821	4,821
SAINT VINCENT AND THE GRENADINES - TOT			7,108	89,125	96,233
TRINIDAD AND TOBAGO	Tobago	---	49,868		49,868
TRINIDAD AND TOBAGO - TOT			49,868		49,868
UNITED STATES OF AMERICA	Florida	Alachua	4,517	277,503	282,020
		Baker	26,502		26,502
		Bradford	26,110		26,110
		Brevard	577,762		577,762
		Broward	765,448		765,448
		Charlotte	21	169,952	169,973
		Citrus		142,613	142,613
		Clay	192,714		192,714
		Collier	41,706	319,804	361,510
		Columbia	68,036	1,137	69,173
		DeSoto	6	35,181	35,187
		Dixie	877	14,154	15,031
		Duval	967,344		967,344
		Flagler	100,763		100,763
		Franklin	536		536
		Gilchrist	1,537	14,991	16,528
		Glades	12,434		12,434
		Hamilton	13,548		13,548
		Hardee	1,230	24,988	26,218
		Hendry	39,816		39,816
		Hernando		179,886	179,886
		Highlands	103,878		103,878
		Hillsborough		1,456,358	1,456,358
		Indian River	144,441		144,441
		Jefferson	12,508		12,508
		Lafayette	7,947		7,947
		Lake	220,402	110,271	330,673
		Lee	7,690	720,544	728,234
		Leon	8,690		8,690
		Levy		36,166	36,166
		Madison	17,423		17,423
		Manatee		361,635	361,635
		Marion	4,746	347,896	352,642
Martin	14,524		14,524		
Miami-Dade	2,075,334		2,075,334		
Monroe	16,306	38,224	54,530		
Nassau	76,522		76,522		
Okeechobee	39,054		39,054		
Orange	1,480,356		1,480,356		
Osceola	341,116		341,116		
Palm Beach	56,820		56,820		
Pasco		485,726	485,726		
Pinellas		927,291	927,291		
Polk	226,747	458,307	685,054		
Putnam	67,630	2,915	70,545		
Sarasota		422,600	422,600		
Seminole	456,012		456,012		
St. Johns	230,559		230,559		
St. Lucie	181,242		181,242		
Sumter		131,616	131,616		
Suwannee	40,673		40,673		
Taylor	19,969		19,969		
Union	14,548		14,548		

		Volusia	520,052		520,052
		Wakulla	19,685		19,685
	Georgia	Brooks	9,177		9,177
		Camden	38,632		38,632
		Charlton	10,991		10,991
		Clinch	1,772		1,772
		Echols	3,251		3,251
		Lanier	1,028		1,028
		Lowndes	104,497		104,497
		Thomas	17		17
		Ware	42		42
UNITED STATES OF AMERICA - TOT			9,415,188	6,679,758	16,094,946
All - TOT			34,374,991	12,186,928	46,561,919