



ELSA-21 - Population Exposure Estimation based on bulletin n. 12

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 03-07-2021 at 09:01 UTC
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admin0	admin1	admin2	population			Total
			60km/h	90km/h	120km/h	
BAHAMAS	Under National Administration	Under National Administration				
BAHAMAS - TOT						
BARBADOS	Christ Church	---		55,950		55,950
	St. Andrew	---		5,385		5,385
	St. George	---		19,308		19,308
	St. James	---		29,190		29,190
	St. John	---		9,289		9,289
	St. Joseph	---		7,243		7,243
	St. Lucy	---		10,724		10,724
	St. Michael	---		91,880		91,880
	St. Peter	---		11,238		11,238
	St. Phillip	---		32,420		32,420
	St. Tomas	---		15,344		15,344
BARBADOS - TOT				287,971		287,971
CUBA	Camaguey	Camaguey	12,376	325,180		337,556
		Carl. Man. De Cespedes	3,148	19,423		22,571
		Esmeralda	26,957	7		26,964
		Florida	181	63,874		64,055
		Jimaguayu		15,523		15,523
		Minas	52,400			52,400
		Najasa		33,152		33,152
		Nuevitas	100,484	8,102		108,586
		Santa Cruz Del Sur		21,595	14,250	35,845
		Sibanicu	14,679	7,709		22,388
		Sierra De Cubitas	1,923			1,923
		Vertientes		39,653		39,653
	Ciego De Avila	Baragua		20,317		20,317
		Bolivia	15,640	26		15,666
		Chambas	10,101	36,886		46,987
		Ciego De Avila		72,855		72,855
		Ciro Redondo	1,930	131,162		133,092
		Florencia		11,253		11,253
		Majagua		23,841		23,841
		Moron	49,018	520		49,538
		Primero De Enero	16,940	18,107		35,047
		Venezuela		20,793		20,793
	Cienfuegos	Abreus	5	17,137		17,142
		Aguada De Pasajeros	28	30,348		30,376
		Cienfuegos		167,911		167,911
		Cruces		11,519		11,519
		Cumanayagua		41,278		41,278
		Lajas		71,566		71,566
		Palmira		21,767		21,767
		Rodas		26,462		26,462
	Ciudad De La Habana	Arroyo Naranjo	52,074			52,074
		Boyeros	283,032			283,032
		Centro Habana	116,667			116,667
		Cerro	137,329			137,329
		Cotorro	33,819			33,819
		Diez De Octubre	156,286			156,286
		Guanabacoa	16,586			16,586
		Habana Del Este	213,596			213,596
		La Lisa	52,554			52,554
		Marianao	34,443			34,443
		Playa	394,458			394,458
		Plaza De La Revolucion	295,558			295,558
		Regla	129,618			129,618
		San Miguel Del Padron	85,564			85,564

Granma	Bartolome Maso			59,848	59,848
	Bayamo		230,058		230,058
	Buey Arriba		16,619	16,515	33,134
	Campechuela			40,546	40,546
	Cauto Cristo	7,069	7,749		14,818
	Guisa		47,631	72	47,703
	Jiguani	9,457	57,687		67,144
	Manzanillo		15	121,782	121,797
	Media Luna		13,762	59,040	72,802
	Pilon		1,186	26,183	27,369
	Rio Cauto	15	44,175		44,190
	Yara		20,506	31,105	51,611
	Guantanamo	Baracoa	60,105		
Caimanera		22,480	218		22,698
El Salvador		14,160			14,160
Guantanamo		284,003			284,003
Imias		26,264			26,264
Maisi		37,625			37,625
Manuel Tames		1,932			1,932
Niceto Perez		32,672	545		33,217
San Antonio Del Sur		20,003			20,003
Yateras		9,642			9,642
Holguin		Antilla	760		
	Baguanos	49,029			49,029
	Banes	78,874			78,874
	Cacocum	39,391			39,391
	Calixto Garcia	58,855			58,855
	Cueto	36,412			36,412
	Frank Pais	23,604			23,604
	Holguin	346,794			346,794
	Jibara	47,791			47,791
	Mayari	103,628			103,628
	Moa	68,067			68,067
	Name Unknown				
	Rafael Freyre	59,378			59,378
	Sagua De Tanamo	44,731			44,731
	Urbano Noris	51,319			51,319
	Isla De La Juventud	Name Unknown	161		
La Habana	Alquizar	31,866			31,866
	Artemisa	79,478			79,478
	Batabano	22,025			22,025
	Bauta	122,583			122,583
	Bejucal	27,078			27,078
	Caimito	69,250			69,250
	Guanajay	25,267			25,267
	Guines	60,080			60,080
	Guira De Melena	37,131			37,131
	Jaruco	23,589			23,589
	Madruga	28,890	3,521		32,411
	Mariel	36,939			36,939
	Melena Del Sur	20,274			20,274
	Name Unknown				
	Nueva Paz	19,909			19,909
	Quivican	35,793			35,793
	San Antonio De Los Baios	40,045			40,045
	San Jose De La Lajas	72,284			72,284
	San Nicolas	25,008			25,008
	Santa Cruz Del Norte	18,808	9,721		28,529
Las Tunas	Amancio		33,654	2,554	36,208
	Colombia		29,965		29,965
	Jesus Menendez	58,962			58,962
	Jobabo	6,804	31,090		37,894
	Las Tunas	215,014	10,901		225,915
	Majibacoa	25,305	92		25,397
	Manati	29,193			29,193
	Puerto Padre	85,279			85,279
Matanzas	Calimete	418	29,294		29,712
	Cardenas		98,699		98,699
	Cienaga De Zapata	7,794	127		7,921
	Colon		58,266		58,266
	Jagiey Grande	118	54,676		54,794
	Jovellanos		45,711		45,711
	Limonar	450	37,647		38,097
	Los Arabos		24,641		24,641

		Marti		20,951		20,951
		Matanzas		147,482		147,482
		Pedro Betancourt		22,897		22,897
		Perico		34,769		34,769
		Union De Reyes	12,497	23,729		36,226
		Varadero		56,914		56,914
	Pinar Del Rio	Bahia Honda	18,912			18,912
		Candelaria	8,898			8,898
	Sancti Spiritus	Cabaiguan		67,560		67,560
		Fomento		35,657		35,657
		Jatibonico		46,418		46,418
		Sancti Spiritus		132,213		132,213
		Taguasco		31,973		31,973
		Trinidad		71,161		71,161
		Venezuela		17,427		17,427
		Yaguajay	6,532	61,332		67,864
	Santiago De Cuba	Contramaestre	6,270	87,613		93,883
		Guama		5,839	16,107	21,946
		Mella	29,371			29,371
		Palma Soriano	16,844	109,934		126,778
		San Luis	40,413	42,262		82,675
		Santiago De Cuba	1,846	511,824		513,670
		Segundo Frente	31,937			31,937
		Songo - La Maya	97,262	248		97,510
		Tercer Frente		31,540		31,540
	Villa Clara	Caibarien		51,633		51,633
		Camajuani		50,169		50,169
		Cifuentes		56,207		56,207
		Corralillo		28,598		28,598
		Encrucijada		40,522		40,522
		Manicaragua		59,453		59,453
		Placetas		45,943		45,943
		Quemado De Gines		16,256		16,256
		Ranchuelo		55,297		55,297
		Remedios		39,873		39,873
		Sagua La Grande		55,910		55,910
		Santa Clara		220,205		220,205
		Santo Domingo		43,723		43,723
	CUBA - TOT		5,338,031	4,489,654	388,002	10,215,687
	DOMINICA	St. Andrew	---	698		698
		St. David	---	5,483		5,483
		St. George	---	22,885		22,885
		St. John	---	5,211		5,211
		St. Joseph	---	5,349		5,349
		St. Luke	---	1,670		1,670
		St. Mark	---	551		551
		St. Patrick	---	7,240		7,240
		St. Paul	---	7,323		7,323
		St. Peter	---	712		712
	DOMINICA - TOT		57,122			57,122
	DOMINICAN REPUBLIC	Azua	Azua	112,822		112,822
			Estebanja (DM)	6,245		6,245
			Guayabal (DM)	7,552		7,552
			Las Charcas (DM)	11,871		11,871
			Las Yayas de Viajama	11,730		11,730
			Nuevo Sabana Yegua (DM)	3,992		3,992
			Padre las Casas	25,408		25,408
			Peralta	14,277		14,277
			Pueblo Viejo (DM)	18,826		18,826
			Villa T bara Arriba (DM)	20,794		20,794
	Baoruco		---	3		3
			Galv n	20,623		20,623
			Los Rjos	8,435		8,435
			Neiba	30,883		30,883
			Tamayo	4,063		4,063
			Ubilla	28,841		28,841
			Villa Jaragua	11,548		11,548
	Barahona		Barahona	83,284		83,284
			Cabral	16,374		16,374
			El PerCn	12,094		12,094
			Enriquillo	143	10,703	10,846
			La Ci,naga	5,467		5,467
			Las Salinas	5,108		5,108
			Parajso	595	12,217	12,812

	Polo	9,270	57	9,327	
	Vicente Noble	22,755		22,755	
	Villa Fundaci3n	15,591		15,591	
Dajabon	Restauraci3n	1,295		1,295	
Distrito Nacional	Distrito Nacional	1,074,495		1,074,495	
Elias Pina	B nica	6,891		6,891	
	Comendador	26,591		26,591	
	El Llano	9,186		9,186	
	Hondo Valle	11,846		11,846	
	Juan Santiago	4,221		4,221	
	Pedro Santana	1,748		1,748	
	Rjo Limpio	887		887	
	---	77		77	
Independencia	Crist3bal	6,894		6,894	
	Duverg,	14,312		14,312	
	Jimani	17,710		17,710	
	La Descubierta	9,153		9,153	
	Mella	2,586		2,586	
	Postrer Rjo	6,079		6,079	
	Constanza	2,125		2,125	
La Vega	Constanza	2,125		2,125	
Monsenor Nouel	Monse3or Nouel				
Pedernales	Oviedo		7,955	7,955	
	Pedernales	1,187	22,738	23,925	
Peravia	Bani	140,604		140,604	
	Fundaci3n	9,957		9,957	
	Matanzas	16,879		16,879	
	Nizao	31,942		31,942	
	Sabana Buey	1,659		1,659	
San Cristobal	Bajos de Haina	135,884		135,884	
	Cambita Garabitos	30,557		30,557	
	Los Cacaos	8,152		8,152	
	Sabana Grande de Palenque	17,141		17,141	
	San Crist3bal	264,783		264,783	
	San Gregorio de Nigua	22,520		22,520	
	Villa Altagracia	28,254		28,254	
	Yaguata	42,493		42,493	
San Jos3 de Ocoa	Rancho Arriba	11,136		11,136	
	Sabana Larga	10,578		10,578	
	San Jos, de Ocoa	42,740		42,740	
San Juan	Bohechjo	10,265		10,265	
	El Cercado	23,518		23,518	
	Juan de Herrera	14,464		14,464	
	Las Matas de Farf n	48,385		48,385	
	San Juan de la Maguana	142,768		142,768	
	Vallejuelo	13,268		13,268	
Santo Domingo	Boca Chica	13,188		13,188	
	Santo Domingo Este	781,458		781,458	
	Santo Domingo Norte	299,542		299,542	
	Santo Domingo Oeste	727,850		727,850	
DOMINICAN REPUBLIC - TOT		4,595,862	53,670	4,649,532	
GRENADA	Name Unknown	---		14,247	
	St. Andrew's	---		26,550	
	St. George's	---		37,645	
	St. John's	---		7,898	
	St. Mark's	---		3,523	
	St. Patrick's	---		10,931	
GRENADA - TOT		100,794		100,794	
HAITI	Artibonite	Dessalines		407,570	
		Gonaives		447,243	
		Gros Morne		91,781	
		Marmelade		185,226	
		Saint-Marc		438,168	
	Centre	Ceca La Source		121,264	
		Hinche		263,631	
		Lascahobas		168,662	
		Mirebalais		189,101	
	Grande Anse	Anse-D'Ainault		97,200	
		Corail	2,505	118,861	121,366
		Jeremie		184,667	
	Nippes	Anse-A-Veau	75,719	68,224	143,943
		Baraderes	5,661	40,134	45,795
		Miragoane	133,484	5	133,489
	Nord	Grande Riviere Du Nord	1,402		1,402
		Plaisance	6,970		6,970

		Saint-Raphael	132,841			132,841
	Nord Est	Valliere	17,915			17,915
	Nord Ouest	Mole Saint Nicolas	219,172			219,172
		Port De Paix	8,802			8,802
	Ouest	Arcahaie	195,309			195,309
		Croix-Des-Bouquets	478,768	114		478,882
		Gonave	72,930	10,763		83,693
		Leogane		501,810		501,810
		Port-Au-Prince	2,667,461	17,749		2,685,210
	Sud	Aquin		15,910	198,770	214,680
		Cayes			337,918	337,918
		Chardonneres			72,996	72,996
		Coteaux			58,994	58,994
		Port-Salut			70,650	70,650
	Sud Est	Bainet		107,618	25,842	133,460
		Belle Anse	32,136	126,186		158,322
		Jacmel		312,941		312,941
	HAITI - TOT		6,146,352	1,310,460	1,274,261	8,731,073
	JAMAICA	Clarendon	---			3,225
		Portland	---			77,237
		Saint Andrew And Kingston	---			683,141
		Saint Ann	---			181,240
		Saint Catherine	---			442,857
		Saint James	---			16,588
		Saint Mary	---			103,357
		Saint Thomas	---			88,383
		Trelawny	---			54,123
	JAMAICA - TOT		1,650,151			1,650,151
	MARTINIQUE	Fort-de-France	---			159,608
		La Trinite	---			69,665
		Le Marin	---			98,324
		Saint-Pierre	---			18,437
	MARTINIQUE - TOT		346,034			346,034
	SAINT LUCIA	Area Under National Administration	---	78		78
		Region Number 1	---	21,622	141	21,763
		Region Number 2	---	619	4,747	5,366
		Region Number 3	---		5,955	5,955
		Region Number 4	---		13,698	13,698
		Region Number 5	---		24,319	24,319
		Region Number 6	---		9,958	9,958
		Region Number 7	---		8,057	8,057
		Region Number 8	---		62,578	62,578
	SAINT LUCIA - TOT		22,241	129,531		151,772
	SAINT VINCENT AND THE GRENADINES	Charlotte	---		28,606	28,606
		Grenadines	---	7,420	5,036	12,456
		Saint Andrew	---		5,218	5,218
		Saint David	---		5,010	5,010
		Saint George	---		38,381	38,381
		Saint Patrick	---		4,796	4,796
	SAINT VINCENT AND THE GRENADINES - TOT		7,420	5,036	82,011	94,467
	TRINIDAD AND TOBAGO	Tobago	---			15,919
	TRINIDAD AND TOBAGO - TOT		15,919			15,919
	UNITED STATES OF AMERICA	Florida				
		Alachua		282,035		282,035
		Baker		26,532		26,532
		Bradford		25,229		25,229
		Brevard	19,202			19,202
		Broward	27			27
		Charlotte	128,141	43,841		171,982
		Citrus		142,877		142,877
		Clay		193,566		193,566
		Collier	364,787			364,787
		Columbia	59,569	10,084		69,653
		DeSoto	35,193			35,193
		Dixie	14,666			14,666
		Duval	16,265	947,422		963,687
		Flagler	98,854			98,854
		Gilchrist	8,224	8,413		16,637
		Glades	12,360			12,360
		Hamilton	13,589			13,589
		Hardee	26,867			26,867
		Hendry	39,823			39,823
		Hernando	6,970	172,727		179,697
		Highlands	104,064			104,064
		Hillsborough	512,238	940,542		1,452,780

	Jefferson	15		15
	Lafayette	7,662		7,662
	Lake	337,798		337,798
	Lee	715,673	14,513	730,186
	Levy	3,003	32,926	35,929
	Madison	17,275		17,275
	Manatee	3,821	361,190	365,011
	Marion	35,343	317,212	352,555
	Martin			
	Miami-Dade	16,222		16,222
	Monroe	21,805	30,524	52,329
	Nassau		74,237	74,237
	Okeechobee	3,579		3,579
	Orange	1,479,109		1,479,109
	Osceola	340,650		340,650
	Palm Beach	435		435
	Pasco	142,901	337,526	480,427
	Pinellas		923,969	923,969
	Polk	685,126		685,126
	Putnam	50,112	20,373	70,485
	Sarasota	16,751	409,192	425,943
	Seminole	457,323		457,323
	St. Johns	177,501	50,856	228,357
	Sumter	112,458	12,513	124,971
	Suwannee	40,542		40,542
	Taylor	20,115		20,115
	Union		14,523	14,523
	Volusia	510,594		510,594
Georgia	Appling	17,460		17,460
	Atkinson	7,177		7,177
	Bacon	10,632		10,632
	Berrien	6,697		6,697
	Brantley	6,829	9,228	16,057
	Brooks	3,030		3,030
	Bryan	8,716	23,865	32,581
	Bulloch	76,516		76,516
	Burke	18,368		18,368
	Camden		49,909	49,909
	Candler	9,315		9,315
	Charlton	63	11,182	11,245
	Chatham		301,917	301,917
	Clinch	6,473		6,473
	Coffee	41,771		41,771
	Cook	452		452
	Echols	3,249		3,249
	Effingham	6,667	45,718	52,385
	Emanuel	17,595		17,595
	Evans	10,881		10,881
	Glynn		84,517	84,517
	Jeff Davis	13,959		13,959
	Jenkins	7,495		7,495
	Lanier	8,808		8,808
	Liberty	6,666	52,714	59,380
	Long	11,498	2,809	14,307
	Lowndes	116,535		116,535
	McIntosh		11,699	11,699
	Montgomery	7,421		7,421
	Pierce	16,944		16,944
	Richmond	232		232
	Screven	12,722		12,722
	Tattnall	23,142		23,142
	Telfair	1,108		1,108
Toombs	27,780		27,780	
Treutlen	385		385	
Ware	37,281	14	37,295	
Wayne	27,540	788	28,328	
Wheeler	443		443	
South Carolina	Aiken	79,015		79,015
	Allendale	9,030		9,030
	Bamberg	13,159	365	13,524
	Barnwell	19,929		19,929
	Beaufort		188,164	188,164
	Berkeley	150,793	47,986	198,779
	Calhoun	12,094	1,349	13,443

	Charleston	428,275	12,978		441,253
	Chester	2,078			2,078
	Chesterfield	31,325			31,325
	Clarendon		31,718		31,718
	Colleton	1,000	33,341		34,341
	Darlington	62,773			62,773
	Dillon	25,186			25,186
	Dorchester	34,348	104,981		139,329
	Fairfield	17,839			17,839
	Florence	141,519	311		141,830
	Georgetown	62,749			62,749
	Hampton	12,451	5,160		17,611
	Horry	200,644			200,644
	Jasper	79	27,260		27,339
	Kershaw	60,185			60,185
	Lancaster	15,499			15,499
	Lee	15,311	155		15,466
	Lexington	273,575			273,575
	Marion	27,788			27,788
	Marlboro	19,235			19,235
	Newberry				
	Orangeburg	64,584	23,008		87,592
	Richland	451,779			451,779
	Sumter	24,598	80,580		105,178
	Williamsburg	16,650	11,208		27,858
UNITED STATES OF AMERICA - TOT		9,501,992	6,555,746		16,057,738
All - TOT		27,781,918	12,832,068	1,744,274	42,358,260