



ELSA-21 - Population Exposure Estimation based on bulletin n. 16

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 04-07-2021 at 09:02 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	---		57,497		57,497	
	St. Andrew	---		5,589		5,589	
	St. George	---		17,726		17,726	
	St. James	---		27,054		27,054	
	St. John	---		7,592		7,592	
	St. Joseph	---		7,337		7,337	
	St. Lucy	---		10,537		10,537	
	St. Michael	---		92,705		92,705	
	St. Peter	---		11,512		11,512	
	St. Phillip	---		34,239		34,239	
St. Tomas	---		17,359		17,359		
BARBADOS - TOT				289,147		289,147	
CUBA	Camaguey	Camaguey	322,624	15,037		337,661	
		Carl. Man. De Cespedes	10,761	11,792		22,553	
		Esmeralda	26,815			26,815	
		Florida	7,807	56,235		64,042	
		Jimaguayu	7,009	8,419		15,428	
		Minas	52,099			52,099	
		Najasa	13,005	20,159		33,164	
		Nuevitas	65,313			65,313	
		Santa Cruz Del Sur		35,826		35,826	
		Sibanicu	22,387			22,387	
		Sierra De Cubitas	1,895			1,895	
		Vertientes		39,638		39,638	
		Ciego De Avila	Baragua	34	20,273		20,307
			Bolivia	15,701			15,701
	Chambas		25,886	19,752		45,638	
	Ciego De Avila			72,724		72,724	
	Ciro Redondo		25,271	108,285		133,556	
	Florencia			10,914		10,914	
	Majagua			23,845		23,845	
	Moron		36,082			36,082	
	Primer De Enero		33,389	1,675		35,064	
	Venezuela			20,810		20,810	
	Cienfuegos	Abreus		17,293		17,293	
		Aguada De Pasajeros		30,245		30,245	
		Cienfuegos		165,385		165,385	
		Cruces		11,525		11,525	
		Cumanayagua		41,355		41,355	
		Lajas		72,435		72,435	
		Palmira		20,824		20,824	
		Rodas		26,426		26,426	
	Ciudad De La Habana	Arroyo Naranjo	50,226			50,226	
		Boyeros	283,037			283,037	
		Centro Habana	155,207			155,207	
		Cerro	158,816			158,816	
		Cotorro	32,993			32,993	
		Diez De Octubre	158,538			158,538	
		Guanabacoa	17,888			17,888	
		Habana Del Este	213,771			213,771	
		La Lisa	64,038			64,038	
		Marianao	38,343			38,343	
		Playa	383,395			383,395	
	Plaza De La Revolucion	226,683			226,683		
	Regla	129,254			129,254		

	San Miguel Del Padron	93,623		93,623	
Granma	Bartolome Maso	3,583	56,527	60,110	
	Bayamo	229,475		229,475	
	Buey Arriba	33,106	42	33,148	
	Campechuela		40,604	40,604	
	Cauto Cristo	14,812		14,812	
	Guisa	47,790		47,790	
	Jiguani	67,489		67,489	
	Manzanillo	2,475	121,350	123,825	
	Media Luna		72,693	72,693	
	Pilon		25,676	25,676	
	Rio Cauto	44,121		44,121	
	Yara	39,906	11,526	51,432	
	Guantanamo	Caimanera	8,937		8,937
		El Salvador	5,801		5,801
Guantanamo		53		53	
Niceto Perez		15,371		15,371	
Holguin	Cacocum	17,715		17,715	
	Calixto Garcia	28,905		28,905	
	Urbano Noris	13,417		13,417	
Isla De La Juventud	Name Unknown	80		80	
La Habana	Alquizar	31,867		31,867	
	Artemisa	79,401		79,401	
	Batabano	22,067		22,067	
	Bauta	125,559		125,559	
	Bejucal	27,061		27,061	
	Caimito	62,448		62,448	
	Guanajay	25,391		25,391	
	Guines	60,963		60,963	
	Guira De Melena	37,082		37,082	
	Jaruco	24,093		24,093	
	Madruga	27,710	4,790	32,500	
	Mariel	37,200		37,200	
	Melena Del Sur	20,237		20,237	
	Name Unknown				
	Nueva Paz	17,763	3,130	20,893	
	Quivicán	35,805		35,805	
	San Antonio De Los Baios	40,685		40,685	
	San Jose De La Lajas	72,066		72,066	
	San Nicolas	23,979		23,979	
	Santa Cruz Del Norte	26,270	2,280	28,550	
Las Tunas	Amancio	2,068	34,164	36,232	
	Colombia	28,913	845	29,758	
	Jesus Menendez	4,155		4,155	
	Jobabo	37,927	4	37,931	
	Las Tunas	225,859		225,859	
	Majibacoa	26,014		26,014	
	Manati	6,972		6,972	
	Puerto Padre	5,091		5,091	
Matanzas	Calimete		29,718	29,718	
	Cardenas		98,214	98,214	
	Cienaga De Zapata	768	7,151	7,919	
	Colon		58,251	58,251	
	Jagiey Grande		53,586	53,586	
	Jovellanos		45,766	45,766	
	Limonar		38,540	38,540	
	Los Arabos		24,669	24,669	
	Marti		20,942	20,942	
	Matanzas		147,030	147,030	
	Pedro Betancourt		22,817	22,817	
	Perico		35,965	35,965	
	Union De Reyes	190	35,892	36,082	
	Varadero		56,784	56,784	
Pinar Del Rio	Bahia Honda	25,295		25,295	
	Candelaria	27,766		27,766	
	San Cristobal	1,820		1,820	
Sancti Spiritus	Cabaiguan		67,586	67,586	
	Fomento		35,646	35,646	
	Jatibonico		46,658	46,658	
	Sancti Spiritus		132,095	132,095	
	Taguasco		31,819	31,819	
	Trinidad		71,359	71,359	
	Venezuela		17,504	17,504	

		Yaguajay	7,433	60,022	67,455
	Santiago De Cuba	Contramaestre	93,764		93,764
		Guama	14,795	6,890	21,685
		Mella	21,669		21,669
		Palma Soriano	126,885		126,885
		San Luis	78,982		78,982
		Santiago De Cuba	514,923		514,923
		Songo - La Maya	70,687		70,687
		Tercer Frente	31,572		31,572
	Villa Clara	Caibarien	1	49,669	49,670
		Camajuani		50,393	50,393
		Cifuentes		56,221	56,221
		Corralillo		27,166	27,166
		Encrucijada		40,160	40,160
		Manicaragua		59,445	59,445
		Placetas		45,948	45,948
		Quemado De Gines		16,233	16,233
		Ranchuelo		55,311	55,311
		Remedios		39,852	39,852
		Sagua La Grande		55,701	55,701
		Santa Clara		220,218	220,218
		Santo Domingo		43,691	43,691
	CUBA - TOT		5,396,122	3,129,415	8,525,537
	DOMINICA	St. Andrew	---	695	695
		St. David	---	4,694	4,694
		St. George	---	23,487	23,487
		St. John	---	5,292	5,292
		St. Joseph	---	6,002	6,002
		St. Luke	---	1,740	1,740
		St. Mark	---	841	841
		St. Patrick	---	7,694	7,694
		St. Paul	---	7,901	7,901
	St. Peter	---	1,060	1,060	
	DOMINICA - TOT		59,406		59,406
	DOMINICAN REPUBLIC	Azua	Azua	113,857	113,857
			Estebanja (DM)	6,175	6,175
			Guayabal (DM)	3,345	3,345
			Las Charcas (DM)	11,894	11,894
			Las Yayas de Viajama	11,760	11,760
			Nuevo Sabana Yegua (DM)	763	763
			Padre las Casas	10,279	10,279
			Peralta	14,090	14,090
			Pueblo Viejo (DM)	18,104	18,104
		Villa T bara Arriba (DM)	20,703	20,703	
		Baoruco	---	3	3
			Galv n	20,675	20,675
			Los Rjos	8,880	8,880
			Neiba	30,880	30,880
			Tamayo	4,095	4,095
			Ubilla	28,816	28,816
			Villa Jaragua	11,516	11,516
		Barahona	Barahona	81,447	81,447
			Cabral	16,360	16,360
			El Perñn	12,188	12,188
			Enriquillo	10,673	10,673
			La Ci,naga	5,478	5,478
			Las Salinas	5,050	5,050
			Paraiso	10,637	10,637
			Polo	9,253	9,253
			Vicente Noble	22,795	22,795
			Villa Fundaci3n	15,497	15,497
		Distrito Nacional	Distrito Nacional	12,927	12,927
		Elias Pina	Comendador	19,368	19,368
			El Llano	9,157	9,157
			Hondo Valle	11,675	11,675
			Juan Santiago	4,385	4,385
		Independencia	---	110	110
			Crist3bal	6,904	6,904
			Duverg,	14,344	14,344
			Jimanj	17,638	17,638
			La Descubierta	9,219	9,219
			Mella	2,581	2,581
			Postrer Rjo	5,608	5,608

	Pedernales	Oviedo	5,199	2,723	7,922
		Pedernales	24,586	162	24,748
	Peravia	Bani	142,612		142,612
		FundaciCn	10,001		10,001
		Matanzas	14,706		14,706
		Nizao	31,895		31,895
		Sabana Buey	1,586		1,586
	San Cristobal	Bajos de Haina	116,867		116,867
		Cambita Garabitos	27,811		27,811
		Los Cacaos	2,726		2,726
		Sabana Grande de Palenque	17,108		17,108
		San CristCbal	240,652		240,652
		San Gregorio de Nigua	25,092		25,092
		Yaguatae	42,459		42,459
	San Jos� de Ocoa	Sabana Larga	6,709		6,709
		San Jos, de Ocoa	36,167		36,167
	San Juan	El Cercado	23,419		23,419
		Las Matas de Farf n	6,424		6,424
		San Juan de la Maguana	39,938		39,938
		Vallejuelo	13,300		13,300
	Santo Domingo	Santo Domingo Oeste	21,383		21,383
DOMINICAN REPUBLIC - TOT			1,469,769	2,885	1,472,654
GRENADA	Name Unknown	---	14,321		14,321
	St. Andrew's	---	25,434		25,434
	St. George's	---	38,367		38,367
	St. John's	---	8,727		8,727
	St. Mark's	---	3,532		3,532
	St. Patrick's	---	10,753		10,753
GRENADA - TOT			101,134		101,134
HAITI	Artibonite	Dessalines	10,054		10,054
		Saint-Marc	314,446		314,446
	Centre	Hinche	4,638		4,638
		Lascahobas	168,100		168,100
		Mirebalais	185,304		185,304
	Grande Anse	Anse-D'Ainault		98,074	98,074
		Corail	19,888	101,286	121,174
		Jeremie	77,724	106,075	183,799
	Nippes	Anse-A-Veau	89,899	53,982	143,881
		Baraderes	18,409	28,259	46,668
		Miragoane	130,692	2,677	133,369
	Ouest	Arcahaie	198,234		198,234
		Croix-Des-Bouquets	480,358		480,358
		Gonave	76,663		76,663
		Leogane	501,792		501,792
		Port-Au-Prince	2,697,152		2,697,152
	Sud	Aquin	9,199	205,573	214,772
		Cayes		337,119	337,119
		Chardonneries		74,371	74,371
		Coteaux		59,043	59,043
		Port-Salut		72,594	72,594
	Sud Est	Bainet	22,213	111,142	133,355
		Belle Anse	157,479		157,479
		Jacmel	312,784		312,784
HAITI - TOT			5,475,028	1,250,195	6,725,223
JAMAICA	Clarendon	---	253,403		253,403
	Hanover	---	63,478		63,478
	Manchester	---	204,204		204,204
	Portland	---		75,715	75,715
	Saint Andrew And Kingston	---	232,149	451,007	683,156
	Saint Ann	---	45,878	138,884	184,762
	Saint Catherine	---	524,024	12,135	536,159
	Saint Elizabeth	---	155,572		155,572
	Saint James	---	187,688		187,688
	Saint Mary	---		99,577	99,577
	Saint Thomas	---		88,203	88,203
	Trelawny	---	69,784		69,784
	Westmoreland	---	150,742		150,742
JAMAICA - TOT			1,886,922	865,521	2,752,443
MARTINIQUE	Fort-de-France	---	160,378		160,378
	La Trinite	---	67,853		67,853
	Le Marin	---	97,939		97,939
	Saint-Pierre	---	20,695		20,695
MARTINIQUE - TOT			346,865		346,865

SAINT LUCIA	Area Under National Administration	---		82		82
	Region Number 1	---	22,790	375		23,165
	Region Number 2	---	1,218	4,285		5,503
	Region Number 3	---		5,955		5,955
	Region Number 4	---		13,698		13,698
	Region Number 5	---		24,245		24,245
	Region Number 6	---		9,954		9,954
	Region Number 7	---		8,226		8,226
Region Number 8	---		62,778		62,778	
SAINT LUCIA - TOT			24,008	129,598		153,606
SAINT VINCENT AND THE GRENADINES	Charlotte	---			28,370	28,370
	Grenadines	---	7,393	5,266		12,659
	Saint Andrew	---			4,450	4,450
	Saint David	---			5,009	5,009
	Saint George	---			44,951	44,951
Saint Patrick	---			4,802	4,802	
SAINT VINCENT AND THE GRENADINES - TOT			7,393	5,266	87,582	100,241
TRINIDAD AND TOBAGO	Tobago	---	15,897			15,897
TRINIDAD AND TOBAGO - TOT			15,897			15,897
UNITED STATES OF AMERICA	Florida	Alachua	282,051			282,051
		Baker	26,396			26,396
		Bradford	25,348			25,348
		Brevard	98,803			98,803
		Charlotte	159,322	14,070		173,392
		Citrus	142,919			142,919
		Clay	193,524			193,524
		Collier	364,487			364,487
		Columbia	69,650			69,650
		DeSoto	35,193			35,193
		Dixie	14,656			14,656
		Duval	961,042			961,042
		Flagler	98,485			98,485
		Gilchrist	16,629			16,629
		Glades	4,279			4,279
		Hamilton	13,021			13,021
		Hardee	26,867			26,867
		Hendry	18,905			18,905
		Hernando	179,706			179,706
		Highlands	103,579			103,579
		Hillsborough	596,274	852,774		1,449,048
		Lafayette	7,622			7,622
		Lake	337,147			337,147
		Lee	731,093			731,093
		Levy	35,715			35,715
		Madison	517			517
		Manatee	7,507	357,585		365,092
		Marion	352,456			352,456
		Miami-Dade	227			227
		Monroe	50,100			50,100
		Nassau	73,970			73,970
		Okeechobee				
		Orange	1,478,058			1,478,058
		Osceola	341,126			341,126
		Pasco	355,805	125,950		481,755
Pinellas		929,161		929,161		
Polk	684,897			684,897		
Putnam	70,542			70,542		
Sarasota	59,202	364,925		424,127		
Seminole	458,437			458,437		
St. Johns	226,926			226,926		
Sumter	124,983			124,983		
Suwannee	40,580			40,580		
Taylor	2,223			2,223		
Union	14,465			14,465		
Volusia	507,534			507,534		
Georgia	Appling	16,156			16,156	
	Atkinson	634			634	
	Bacon	10,113			10,113	
	Brantley	16,039			16,039	
	Bryan	32,690			32,690	
	Bulloch	76,298			76,298	
	Burke	367			367	
	Camden	49,079			49,079	

	Candler	6,931	6,931
	Charlton	11,367	11,367
	Chatham	299,167	299,167
	Clinch	6,346	6,346
	Coffee	233	233
	Echols	2,062	2,062
	Effingham	52,517	52,517
	Evans	10,884	10,884
	Glynn	83,446	83,446
	Jenkins	216	216
	Lanier		
	Liberty	59,500	59,500
	Long	14,371	14,371
	McIntosh	11,701	11,701
	Pierce	16,966	16,966
	Screven	12,686	12,686
	Tattnall	22,810	22,810
	Toombs	929	929
	Ware	37,286	37,286
	Wayne	28,189	28,189
Maryland	Worcester		
North Carolina	Anson		
	Beaufort	46,218	46,218
	Bertie	18,374	18,374
	Bladen	32,553	32,553
	Brunswick	126,986	126,986
	Camden	8,984	8,984
	Carteret	59,727	59,727
	Chowan	13,419	13,419
	Columbus	53,107	53,107
	Craven	103,020	103,020
	Cumberland	336,636	336,636
	Currituck	21,804	21,804
	Dare	29,631	29,631
	Duplin	56,074	56,074
	Edgecombe	53,820	53,820
	Franklin	8,672	8,672
	Gates	9,423	9,423
	Greene	18,271	18,271
	Halifax	14,471	14,471
	Harnett	117,972	117,972
	Hertford	24,372	24,372
	Hoke	47,665	47,665
	Hyde	4,913	4,913
	Johnston	183,183	183,183
	Jones	9,630	9,630
	Lee	155	155
	Lenoir	57,595	57,595
	Martin	21,512	21,512
	Moore	24,498	24,498
	Nash	91,714	91,714
	New Hanover	230,819	230,819
	Northampton	11,623	11,623
	Onslow	181,099	181,099
	Pamlico	11,929	11,929
	Pasquotank	39,841	39,841
	Pender	52,271	52,271
	Perquimans	11,051	11,051
	Pitt	181,167	181,167
	Richmond	24,081	24,081
	Robeson	129,407	129,407
	Sampson	58,847	58,847
	Scotland	35,739	35,739
	Tyrrell	3,933	3,933
	Wake	125,861	125,861
	Washington	10,596	10,596
	Wayne	119,339	119,339
	Wilson	84,948	84,948
South Carolina	Aiken	1,814	1,814
	Allendale	8,956	8,956
	Bamberg	13,536	13,536
	Barnwell	19,453	19,453
	Beaufort	187,133	187,133

		Berkeley	202,143		202,143
		Calhoun	13,451		13,451
		Charleston	437,395		437,395
		Chesterfield	20,921		20,921
		Clarendon	31,888		31,888
		Colleton	34,238		34,238
		Darlington	62,856		62,856
		Dillon	29,256		29,256
		Dorchester	139,592		139,592
		Florence	142,167		142,167
		Georgetown	62,728		62,728
		Hampton	17,673		17,673
		Horry	336,556		336,556
		Jasper	27,209		27,209
		Kershaw	51,702		51,702
		Lee	15,493		15,493
		Lexington	70,527		70,527
		Marion	27,749		27,749
		Marlboro	25,294		25,294
		Orangeburg	87,375		87,375
		Richland	281,640		281,640
		Sumter	105,125		105,125
		Williamsburg	27,849		27,849
	Virginia	Accomack	14,841		14,841
		Chesapeake	232,603		232,603
		Franklin	8,336		8,336
		Gloucester			
		Greenville	11		11
		Hampton	128,508		128,508
		Isle of Wight	31,119		31,119
		Mathews	10		10
		Newport News	157,144		157,144
		Norfolk	260,988		260,988
		Northampton	10,991		10,991
		Poquoson	10,327		10,327
		Portsmouth	89,904		89,904
		Southampton	10,722		10,722
		Suffolk	83,262		83,262
		Virginia Beach	419,480		419,480
	York	38,592		38,592	
UNITED STATES OF AMERICA - TOT			17,156,758	2,644,465	19,801,223
All - TOT			31,939,302	8,316,492	40,343,376