



## DORIAN-19 - Population Exposure Estimation based on bulletin n. 24

The population exposure, summarized by Admin 0, 1 and 2, has been calculated using a 1 km resolution LandScan raster (LandScan Database 2015). 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 30-08-2019 at 09:31 UTC  
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| admin0                       | admin1                  | admin2                 | population          |         |         | Total   |         |
|------------------------------|-------------------------|------------------------|---------------------|---------|---------|---------|---------|
|                              |                         |                        | 60km/h              | 90km/h  | 120km/h |         |         |
| BAHAMAS                      | ---                     | ---                    | 5,389               | 833     | 55,860  | 62,082  |         |
| BARBADOS                     | Christ Church           | ---                    | 41,531              |         |         | 41,531  |         |
|                              | St. Andrew              | ---                    | 5,650               |         |         | 5,650   |         |
|                              | St. George              | ---                    | 19,293              |         |         | 19,293  |         |
|                              | St. James               | ---                    | 26,420              |         |         | 26,420  |         |
|                              | St. John                | ---                    | 9,819               |         |         | 9,819   |         |
|                              | St. Joseph              | ---                    | 7,421               |         |         | 7,421   |         |
|                              | St. Lucy                | ---                    | 8,776               |         |         | 8,776   |         |
|                              | St. Michael             | ---                    | 103,054             |         |         | 103,054 |         |
|                              | St. Peter               | ---                    | 8,613               |         |         | 8,613   |         |
|                              | St. Phillip             | ---                    | 29,098              |         |         | 29,098  |         |
| St. Tomas                    | ---                     | 15,401                 |                     |         | 15,401  |         |         |
| BARBADOS - TOT               |                         |                        | 275,076             |         |         | 275,076 |         |
| BRITISH VIRGIN ISLANDS       | Anegada                 | ---                    | 244                 |         |         | 244     |         |
|                              | Jost van Dyke           | ---                    |                     | 266     |         | 266     |         |
|                              | Other Islands           | ---                    | 102                 |         |         | 102     |         |
|                              | Tortola                 | ---                    | 22,832              | 1,550   |         | 24,382  |         |
|                              | Virgin Gorda            | ---                    | 2,761               |         |         | 2,761   |         |
| BRITISH VIRGIN ISLANDS - TOT |                         |                        | 25,939              | 1,816   |         | 27,755  |         |
| MARTINIQUE                   | Le Marin                | ---                    | 10,032              |         |         | 10,032  |         |
| NETHERLANDS ANTILLES         | ---                     | ---                    | 7                   |         |         | 7       |         |
| PUERTO RICO                  | Arecibo                 | Arecibo Municipio      | 39,533              |         |         | 39,533  |         |
|                              |                         | Barceloneta Municipio  | 21,910              |         |         | 21,910  |         |
|                              |                         | Ciales Municipio       | 17,640              |         |         | 17,640  |         |
|                              |                         | Dorado Municipio       | 36,442              |         |         | 36,442  |         |
|                              |                         | Florida Municipio      | 13,294              |         |         | 13,294  |         |
|                              |                         | Manati Municipio       | 41,971              |         |         | 41,971  |         |
|                              |                         | Morovis Municipio      | 35,181              |         |         | 35,181  |         |
|                              |                         | Utuado Municipio       | 2,190               |         |         | 2,190   |         |
|                              |                         | Vega Alta Municipio    | 36,821              |         |         | 36,821  |         |
|                              |                         | Vega Baja Municipio    | 56,285              |         |         | 56,285  |         |
|                              |                         | Bayamon                | Bayamon Municipio   | 188,731 |         |         | 188,731 |
|                              |                         |                        | Canovanas Municipio | 51,864  |         |         | 51,864  |
|                              |                         |                        | Carolina Municipio  | 136,983 |         |         | 136,983 |
|                              | Catano Municipio        |                        | 20,001              |         |         | 20,001  |         |
|                              | Corozal Municipio       |                        | 37,369              |         |         | 37,369  |         |
|                              | Guaynabo Municipio      |                        | 105,406             |         |         | 105,406 |         |
|                              | Naranjito Municipio     |                        | 30,088              |         |         | 30,088  |         |
|                              | Toa Alta Municipio      |                        | 95,403              |         |         | 95,403  |         |
|                              | Toa Baja Municipio      |                        | 83,812              |         |         | 83,812  |         |
|                              | Trujillo Alto Municipio |                        | 73,457              |         |         | 73,457  |         |
|                              | Guayama                 | Aguas Buenas Municipio | 29,113              |         |         | 29,113  |         |
|                              |                         | Aibonito Municipio     | 24,476              |         |         | 24,476  |         |
|                              |                         | Arroyo Municipio       | 19,353              |         |         | 19,353  |         |
|                              |                         | Barranquitas Municipio | 31,305              |         |         | 31,305  |         |
|                              |                         | Caguas Municipio       | 139,930             |         |         | 139,930 |         |
|                              |                         | Cayey Municipio        | 47,626              |         |         | 47,626  |         |
|                              |                         | Cidra Municipio        | 44,856              |         |         | 44,856  |         |
|                              |                         | Comerio Municipio      | 20,545              |         |         | 20,545  |         |
|                              |                         | Guayama Municipio      | 44,303              |         |         | 44,303  |         |
|                              |                         | Maunabo Municipio      | 11,679              |         |         | 11,679  |         |
|                              |                         | Patillas Municipio     | 17,223              |         |         | 17,223  |         |
|                              |                         | Salinas Municipio      | 30,616              |         |         | 30,616  |         |
|                              |                         | Yabucoa Municipio      | 37,842              |         |         | 37,842  |         |
|                              |                         | Humacao                | Ceiba Municipio     | 419     | 11,831  |         | 12,250  |
|                              | Culebra Municipio       |                        |                     | 1,802   |         | 1,802   |         |
|                              | Fajardo Municipio       |                        | 104                 | 32,976  |         | 33,080  |         |
|                              | Gurabo Municipio        |                        | 48,251              |         |         | 48,251  |         |

|   |   |                               |           |           |           |            |
|---|---|-------------------------------|-----------|-----------|-----------|------------|
|   |   | <b>Humacao Municipio</b>      | 54,602    |           |           | 54,602     |
|   |   | <b>Juncos Municipio</b>       | 41,172    |           |           | 41,172     |
|   |   | <b>Las Piedras Municipio</b>  | 38,061    |           |           | 38,061     |
|   |   | <b>Loiza Municipio</b>        | 11,797    | 7,230     |           | 19,027     |
|   |   | <b>Luquillo Municipio</b>     |           | 18,772    |           | 18,772     |
|   |   | <b>Naguabo Municipio</b>      | 27,179    | 119       |           | 27,298     |
|   |   | <b>Rio Grande Municipio</b>   | 31,721    | 15,860    |           | 47,581     |
|   |   | <b>San Lorenzo Municipio</b>  | 41,770    |           |           | 41,770     |
|   |   | <b>Vieques Municipio</b>      |           | 7,236     |           | 7,236      |
|   | <b>Ponce</b>                            | <b>Coamo Municipio</b>        | 41,580    |           |           | 41,580     |
|   |   | <b>Jayuya Municipio</b>       | 2,530     |           |           | 2,530      |
|   |   | <b>Juana Diaz Municipio</b>   | 1,136     |           |           | 1,136      |
|   |   | <b>Orocovis Municipio</b>     | 23,665    |           |           | 23,665     |
|   |   | <b>Santa Isabel Municipio</b> | 11,207    |           |           | 11,207     |
|   |   | <b>Villalba Municipio</b>     | 18,243    |           |           | 18,243     |
|   | <b>San Juan</b>                         | <b>San Juan Municipio</b>     | 364,294   |           |           | 364,294    |
| <b>PUERTO RICO - TOT</b>                      |   |                               | 2,380,979 | 95,826    |           | 2,476,805  |
| <b>SAINT LUCIA</b>                            | <b>Area Under National Administra</b>   | ---                           | 631       |           |           | 631        |
|   | <b>Region Number 1</b>                  | ---                           | 16,461    |           |           | 16,461     |
|   | <b>Region Number 2</b>                  | ---                           | 4,289     |           |           | 4,289      |
|   | <b>Region Number 3</b>                  | ---                           | 9,007     |           |           | 9,007      |
|   | <b>Region Number 4</b>                  | ---                           | 17,109    |           |           | 17,109     |
|   | <b>Region Number 5</b>                  | ---                           | 22,602    |           |           | 22,602     |
|   | <b>Region Number 6</b>                  | ---                           | 10,800    |           |           | 10,800     |
|   | <b>Region Number 7</b>                  | ---                           | 5,057     |           |           | 5,057      |
|   | <b>Region Number 8</b>                  | ---                           | 52,238    |           |           | 52,238     |
| <b>SAINT LUCIA - TOT</b>                      |   |                               | 138,194   |           |           | 138,194    |
| <b>SAINT VINCENT AND THE GRENADINES</b>       | <b>Charlotte</b>                        | ---                           | 32,445    |           |           | 32,445     |
|   | <b>Grenadines</b>                       | ---                           | 25        |           |           | 25         |
|   | <b>Saint Andrew</b>                     | ---                           | 5,200     |           |           | 5,200      |
|   | <b>Saint David</b>                      | ---                           | 3,301     |           |           | 3,301      |
|   | <b>Saint George</b>                     | ---                           | 36,051    |           |           | 36,051     |
|   | <b>Saint Patrick</b>                    | ---                           | 3,952     |           |           | 3,952      |
| <b>SAINT VINCENT AND THE GRENADINES - TOT</b> |   |                               | 80,974    |           |           | 80,974     |
| <b>UNITED STATES OF AMERICA</b>               | <b>Florida</b>                          | <b>Brevard</b>                | 281,896   | 291,978   | 53        | 573,927    |
|   |   | <b>Broward</b>                | 729,109   | 1,030,490 |           | 1,759,599  |
|   |   | <b>Charlotte</b>              | 1,326     |           |           | 1,326      |
|   |   | <b>Collier</b>                | 34,908    |           |           | 34,908     |
|   |   | <b>DeSoto</b>                 | 30,626    |           |           | 30,626     |
|   |   | <b>Glades</b>                 | 6,651     | 5,182     | 735       | 12,568     |
|   |   | <b>Hardee</b>                 | 25,923    | 335       |           | 26,258     |
|   |   | <b>Hendry</b>                 | 22,896    | 14,845    |           | 37,741     |
|   |   | <b>Hernando</b>               | 3,327     |           |           | 3,327      |
|   |   | <b>Highlands</b>              | 1,107     | 96,650    | 281       | 98,038     |
|   |   | <b>Hillsborough</b>           | 256,653   |           |           | 256,653    |
|   |   | <b>Indian River</b>           |           | 45,621    | 97,345    | 142,966    |
|   |   | <b>Lake</b>                   | 198,852   | 12,693    |           | 211,545    |
|   |   | <b>Lee</b>                    | 70,789    |           |           | 70,789     |
|   |   | <b>Manatee</b>                | 831       |           |           | 831        |
|   |   | <b>Martin</b>                 |           |           | 153,567   | 153,567    |
|   |   | <b>Miami-Dade</b>             | 2,466,813 |           |           | 2,466,813  |
|   |   | <b>Monroe</b>                 | 1         |           |           | 1          |
|   |   | <b>Okeechobee</b>             |           |           | 37,994    | 37,994     |
|   |   | <b>Orange</b>                 | 670,731   | 688,950   |           | 1,359,681  |
|   |   | <b>Osceola</b>                |           | 52,629    | 208,761   | 261,390    |
|   |   | <b>Palm Beach</b>             |           | 404,280   | 1,002,337 | 1,406,617  |
|   |   | <b>Pasco</b>                  | 100,775   |           |           | 100,775    |
|   |   | <b>Polk</b>                   | 275,406   | 264,745   | 92,130    | 632,281    |
|   |   | <b>Seminole</b>               | 434,570   |           |           | 434,570    |
|   |   | <b>St. Lucie</b>              |           |           | 278,509   | 278,509    |
|   |   | <b>Sumter</b>                 | 6,706     |           |           | 6,706      |
|   |   | <b>Volusia</b>                | 44,761    |           |           | 44,761     |
| <b>UNITED STATES OF AMERICA - TOT</b>         |   |                               | 5,664,657 | 2,908,398 | 1,871,712 | 10,444,767 |
| <b>UNITED STATES VIRGIN ISLANDS</b>           | <b>Saint Croix (County Equivalent)</b>  | ---                           | 47,059    |           |           | 47,059     |
|   | <b>Saint John (County Equivalent)</b>   | ---                           |           | 3,219     |           | 3,219      |
|   | <b>Saint Thomas (County Equivalent)</b> | ---                           |           | 47,731    |           | 47,731     |
| <b>UNITED STATES VIRGIN ISLANDS - TOT</b>     |   |                               |           | 98,009    |           | 98,009     |
| <b>All - TOT</b>                              |   |                               | 8,581,247 | 3,104,882 | 1,927,572 | 13,613,701 |