



## TINO-20 - Population Exposure Estimation based on bulletin n. 4

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 17-01-2020 at 15:33 UTC  
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| admin0                  | admin1   | admin2           | population |         |         | Total   |
|-------------------------|----------|------------------|------------|---------|---------|---------|
|                         |          |                  | 60km/h     | 90km/h  | 120km/h |         |
| FIJI                    | Central  | Naitasiri        | 147,287    |         |         | 147,287 |
|                         |          | Namosi           | 5,817      |         |         | 5,817   |
|                         |          | Rewa             | 102,604    |         |         | 102,604 |
|                         |          | Serua            | 17,898     |         |         | 17,898  |
|                         |          | Tailevu          | 68,363     |         |         | 68,363  |
|                         | Eastern  | Kadavu           | 5,843      |         |         | 5,843   |
|                         |          | Lau              | 1,192      | 4,401   | 2       | 5,595   |
|                         |          | Lomaiviti        | 12,533     |         |         | 12,533  |
|                         |          | Rotuma           | 1,269      |         |         | 1,269   |
|                         | Northern | Bua              | 11,905     |         |         | 11,905  |
|                         |          | Cakaudrove       | 16,793     | 25,710  |         | 42,503  |
|                         |          | Macuata          | 18,659     | 54,152  |         | 72,811  |
|                         | Western  | Ba               | 218,953    |         |         | 218,953 |
|                         |          | Nadroga & Navosa | 54,124     |         |         | 54,124  |
|                         |          | Ra               | 29,720     |         |         | 29,720  |
| FIJI - TOT              |          |                  |            |         | 797,225 |         |
| NIUE - TOT              |          |                  |            |         | 940     |         |
| SAMOA - TOT             |          |                  |            |         | 11,472  |         |
| TONGA - TOT             |          |                  |            |         | 1,135   |         |
| WALLIS AND FUTUNA - TOT |          |                  |            |         | 86,589  |         |
| All - TOT               |          |                  |            |         | 1,177   |         |
|                         |          |                  | 739,388    | 170,852 | 1,179   | 911,419 |