



## MANGKHUT-18 - Population Exposure Estimation based on bulletin n. 26

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 13-09-2018 at 09:31 UTC  
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| admin0    | admin1                           | admin2                  | population |            |            | Total      |             |
|-----------|----------------------------------|-------------------------|------------|------------|------------|------------|-------------|
|           |                                  |                         | 60km/h     | 90km/h     | 120km/h    |            |             |
| CHINA     | Fujian Sheng                     | Zhangzhou               | 130,261    |            |            | 130,261    |             |
|           |                                  | Guangdong Sheng         | Chaozhou   | 1,821,732  |            |            | 1,821,732   |
|           | Dongguan                         | 8,334,850               |            |            | 8,334,850  |            |             |
|           | Foshan                           | 7,002,884               |            |            | 7,002,884  |            |             |
|           | Guangzhou                        | 13,159,355              |            |            | 13,159,355 |            |             |
|           | Heyuan                           | 1,618,365               |            |            | 1,618,365  |            |             |
|           | Huizhou                          | 4,757,263               |            |            | 4,757,263  |            |             |
|           | Jiangmen                         | 479,255                 | 4,020,721  | 6,966      | 4,506,942  |            |             |
|           | Jieyang                          | 5,914,355               |            |            | 5,914,355  |            |             |
|           | Maoming                          | 233                     | 2,828,759  | 3,093,659  | 5,922,651  |            |             |
|           | Meizhou                          | 1,013,256               |            |            | 1,013,256  |            |             |
|           | Qingyuan                         | 2,421,329               |            |            | 2,421,329  |            |             |
|           | Shantou                          | 5,554,648               |            |            | 5,554,648  |            |             |
|           | Shanwei                          | 3,018,903               |            |            | 3,018,903  |            |             |
|           | Shaoguan                         | 273,080                 |            |            | 273,080    |            |             |
|           | Shenzhen                         | 6,572,896               | 3,783,303  |            | 10,356,199 |            |             |
|           | Yangjiang                        | 2,045                   | 2,178,514  | 325,423    | 2,505,982  |            |             |
|           | Yunfu                            | 1,813,359               | 652,097    |            | 2,465,456  |            |             |
|           | Zhanjiang                        |                         | 119,873    | 6,666,925  | 6,786,798  |            |             |
|           | Zhaoqing                         | 3,808,514               |            |            | 3,808,514  |            |             |
|           | Zhongshan                        | 924,416                 | 2,397,475  |            | 3,321,891  |            |             |
|           | Zhuhai                           |                         | 1,619,434  |            | 1,619,434  |            |             |
|           | Guangxi Zhuangzu Zizhiqu         | Baise                   | 1,279,884  |            |            | 1,279,884  |             |
|           |                                  | Beihai                  |            | 73,326     | 1,430,641  | 1,503,967  |             |
|           |                                  | Chongzuo                | 2,774,656  | 1,843,626  | 21,366     | 4,639,648  |             |
|           |                                  | Fangchenggang           |            | 211,295    | 618,348    | 829,643    |             |
|           |                                  | Guigang                 | 4,224,435  | 6,395      |            | 4,230,830  |             |
|           |                                  | Hezhou                  | 222,259    |            |            | 222,259    |             |
|           |                                  | Laibin                  | 1,003,729  |            |            | 1,003,729  |             |
|           |                                  | Nanning                 | 3,357,834  | 766,157    |            | 4,123,991  |             |
|           |                                  | Qinzhou                 |            | 2,770,933  | 297,315    | 3,068,248  |             |
|           |                                  | Wuzhou                  | 2,701,634  | 29,699     |            | 2,731,333  |             |
|           |                                  | Yulin                   | 1,444,060  | 3,895,130  | 245,404    | 5,584,594  |             |
|           |                                  | Hainan Sheng            | Haikou     |            |            | 1,278,921  | 1,278,921   |
|           |                                  |                         | Hainan     | 1,433,077  | 3,609,848  | 1,714,595  | 6,757,520   |
|           | Sanya                            |                         | 596,132    |            |            | 596,132    |             |
|           | Yunnan Sheng                     | Honghe Hani and Yi      | 998,165    | 142,435    |            | 1,140,600  |             |
|           |                                  | Pu'er                   | 674,689    | 115,704    |            | 790,393    |             |
|           |                                  | Wenshan Zhuang and Miao | 812,025    | 712        |            | 812,737    |             |
|           |                                  | Xishuangbanna Dai       | 49         | 414,470    | 744,778    | 1,159,297  |             |
|           | CHINA - TOT                      |                         |            | 90,143,627 | 31,479,906 | 16,444,341 | 138,067,874 |
|           | GUAM                             | ---                     | ---        |            | 15,332     | 138,378    | 153,710     |
|           | GUAM - TOT                       |                         |            |            | 15,332     | 138,378    | 153,710     |
|           | HONG KONG                        | ---                     | ---        | 2          | 6,928,441  |            | 6,928,443   |
|           | HONG KONG - TOT                  |                         |            | 2          | 6,928,441  |            | 6,928,443   |
|           | LAO PEOPLE'S DEMOCRATIC REPUBLIC | Bokeo                   | Houixai    | 9,310      |            |            | 9,310       |
|           |                                  |                         | Meung      | 15,129     | 7          |            | 15,136      |
| Pha Oudom |                                  |                         | 2,008      |            |            | 2,008      |             |
| Tonpheung |                                  |                         | 3,779      |            |            | 3,779      |             |
| Houaphan  |                                  | Huameuang               | 42,949     | 263        |            | 43,212     |             |
|           |                                  | Muang Et                |            | 15,240     |            | 15,240     |             |
|           |                                  | Sopbao                  |            | 40,305     |            | 40,305     |             |
|           |                                  | Viengthong              | 23,014     | 17,296     |            | 40,310     |             |
|           |                                  | Viengxay                | 4          | 58,609     |            | 58,613     |             |
|           |                                  | Xamneua                 | 16,877     | 70,326     |            | 87,203     |             |
| Xamtay    | 45,707                           | 1,973                   |            | 47,680     |            |            |             |
| Xiengkhor |                                  | 29,678                  | 600        |            | 30,278     |            |             |

|                                |  |                     |            |           |           |            |         |
|--------------------------------|--|---------------------|------------|-----------|-----------|------------|---------|
|                                | Louang-Namtha                          | Long                | 1,077      | 30,636    | 54        | 31,767     |         |
|                                |  | Nalae               | 21,151     | 1,060     |           | 22,211     |         |
|                                |  | Namtha              |            | 75,226    | 434       | 75,660     |         |
|                                |  | Sing                |            | 33,238    | 15,439    | 48,677     |         |
|                                |  | Viengphoukha        | 16,830     | 1,856     |           | 18,686     |         |
|                                | Louangphabang                          | Chomphet            | 216        |           |           | 216        |         |
|                                |  | Nambak              | 16,431     | 28,652    |           | 45,083     |         |
|                                |  | Ngoi                | 5,610      | 26,831    | 1,011     | 33,452     |         |
|                                |  | Pak Xeng            | 23,065     |           |           | 23,065     |         |
|                                |  | Park Ou             | 16,886     |           |           | 16,886     |         |
|                                |  | Phonxay             | 10,680     |           |           | 10,680     |         |
|                                |  | Viengkham           | 18,237     | 20,240    |           | 38,477     |         |
|                                |  |                     | 43,647     |           |           | 43,647     |         |
|                                | Oudomxai                               | Hoon                | 7,604      |           |           | 7,604      |         |
|                                |  | La                  |            | 11,614    |           | 11,614     |         |
|                                |  | Namor               | 106        | 45,988    | 5         | 46,099     |         |
|                                |  | Nga                 | 15,711     |           |           | 15,711     |         |
|                                |  | Xay                 | 10,918     | 36,854    |           | 47,772     |         |
|                                |  |                     |            |           |           |            |         |
|                                | Phongsali                              | Boon Neua           |            |           | 50,668    | 50,668     |         |
|                                |  | Boontai             |            | 1,166     | 26,543    | 27,709     |         |
|                                |  | Khua                |            | 15,894    | 3,640     | 19,534     |         |
|                                |  | May                 |            | 2,309     | 28,539    | 30,848     |         |
|                                |  | Nhot Ou             |            | 24,165    | 14,475    | 38,640     |         |
|                                |  | Phongsaly           |            | 1,172     | 22,562    | 23,734     |         |
|                                |  | Samphanh            |            | 74        | 18,838    | 18,912     |         |
|                                | Xiangkhouang                           | Kham                | 5,753      |           |           | 5,753      |         |
|                                |  | Nonghed             | 1,447      |           |           | 1,447      |         |
|                                |  | Phookood            | 2,327      |           |           | 2,327      |         |
|                                | LAO PEOPLE'S DEMOCRATIC REPUBLIC - TOT |                     | 376,473    | 590,672   | 182,808   | 1,149,953  |         |
|                                | MYANMAR                                | Shan (E)            | Kengtung   | 272,838   | 34,286    |            | 307,124 |
|                                |  |                     | Monghpyak  | 25,935    | 69,861    | 24,322     | 120,118 |
|                                |  |                     | Tachileik  | 28,034    | 1,330     |            | 29,364  |
|                                | MYANMAR - TOT                          |                     | 326,807    | 105,477   | 24,322    | 456,606    |         |
|                                | NORTHERN MARIANA ISLANDS               | ---                 |            | 41,605    | 4,470     | 46,075     |         |
| NORTHERN MARIANA ISLANDS - TOT |  |                     | 41,605     | 4,470     | 46,075    |            |         |
| PHILIPPINES                    | Cordillera Administrative region (CAR) | Abra                |            |           | 276,057   | 276,057    |         |
|                                |  | Apayao              |            |           | 130,981   | 130,981    |         |
|                                |  | Benguet             |            | 483,499   |           | 271,904    | 755,403 |
|                                |  | Ifugao              |            |           |           | 229,415    | 229,415 |
|                                |  | Kalinga             |            |           |           | 236,605    | 236,605 |
|                                |  | Mountain Province   |            |           |           | 195,079    | 195,079 |
|                                | National Capital region (NCR)          | Metropolitan Manila | 13,294,439 |           |           | 13,294,439 |         |
|                                | Region I (Ilocos region)               | Ilocos Norte        |            |           | 676,028   | 676,028    |         |
|                                |  | Ilocos Sur          |            |           | 783,064   | 783,064    |         |
|                                |  | La Union            |            | 323,271   | 493,931   | 817,202    |         |
|                                |  | Pangasinan          |            | 3,166,020 |           | 3,166,020  |         |
|                                | Region II (Cagayan Valley)             | Batanes             | 6,380      | 1,574     |           | 7,954      |         |
|                                |  | Cagayan             |            | 5,763     | 1,319,555 | 1,325,318  |         |
|                                |  | Isabela             |            |           | 1,668,985 | 1,668,985  |         |
|                                |  | Nueva Vizcaya       |            | 128,425   | 369,176   | 497,601    |         |
|                                | Region III (Central Luzon)             | Quirino             |            | 7,850     | 187,237   | 195,087    |         |
|                                |  | Aurora              |            | 140,495   | 66,652    | 207,147    |         |
|                                |  | Bataan              | 683,315    |           |           | 683,315    |         |
|                                |  | Bulacan             | 2,520,461  | 347,518   |           | 2,867,979  |         |
|                                |  | Nueva Ecija         |            | 2,221,885 |           | 2,221,885  |         |
|                                |  | Pampanga            | 1,246,911  | 1,029,741 |           | 2,276,652  |         |
|                                |  | Tarlac              |            | 1,365,726 |           | 1,365,726  |         |
|                                |  | Zambales            | 526,345    | 243,162   |           | 769,507    |         |
|                                | Region IV (Southern Tagalog)           | Marinduque          | 272,362    |           |           | 272,362    |         |
|                                |  | Mindoro Occidental  | 153,764    |           |           | 153,764    |         |
|                                |  | Mindoro Oriental    | 692,855    |           |           | 692,855    |         |
|                                | Region IV-A (Calabarzon)               | Romblon             | 21,676     |           |           | 21,676     |         |
|                                |  | Batangas            | 2,320,391  |           |           | 2,320,391  |         |
|                                |  | Cavite              | 2,452,295  |           |           | 2,452,295  |         |
|                                |  | Laguna              | 3,076,517  |           |           | 3,076,517  |         |
|                                |  | Quezon              | 2,056,383  | 104,116   |           | 2,160,499  |         |
|                                |  | Rizal               | 1,903,875  |           |           | 1,903,875  |         |
|                                | Region V (Bicol region)                | Albay               | 1,405,201  |           |           | 1,405,201  |         |
| Camarines Norte                |  | 596,730             | 4,286      |           | 601,016   |            |         |
| Camarines Sur                  |  | 2,017,699           |            |           | 2,017,699 |            |         |
| Catanduanes                    |  | 225,142             | 25,291     |           | 250,433   |            |         |
| Masbate                        |  | 373,047             |            |           | 373,047   |            |         |

|                          |                                      |                          |               |           |           |            |
|--------------------------|--------------------------------------|--------------------------|---------------|-----------|-----------|------------|
|                          |                                      | <b>Sorsogon</b>          | 694,209       |           |           | 694,209    |
|                          | <b>Region VIII (Eastern Visayas)</b> | <b>Eastern Samar</b>     | 195,124       |           |           | 195,124    |
|                          |                                      | <b>Northern Samar</b>    | 616,944       |           |           | 616,944    |
|                          |                                      | <b>Samar</b>             | 371,575       |           |           | 371,575    |
| <b>PHILIPPINES - TOT</b> |                                      |                          | 37,723,640    | 9,598,622 | 6,904,669 | 54,226,931 |
| <b>TAIWAN</b>            | <b>Taiwan Sheng</b>                  | <b>Name Unknown</b>      | 1,799,999     |           |           | 1,799,999  |
| <b>TAIWAN - TOT</b>      |                                      |                          | 1,799,999     |           |           | 1,799,999  |
| <b>VIET NAM</b>          | <b>Bac Giang</b>                     | <b>Bac Giang City</b>    |               |           | 118,781   | 118,781    |
|                          |                                      | <b>Hiep Hoa</b>          |               |           | 239,552   | 239,552    |
|                          |                                      | <b>Lang Giang</b>        |               |           | 204,961   | 204,961    |
|                          |                                      | <b>Luc Nam</b>           |               |           | 218,447   | 218,447    |
|                          |                                      | <b>Luc Ngan</b>          |               |           | 220,515   | 220,515    |
|                          |                                      | <b>Son Dong</b>          |               |           | 75,244    | 75,244     |
|                          |                                      | <b>Tan Yen</b>           |               |           | 169,480   | 169,480    |
|                          |                                      | <b>Viet Yen</b>          |               |           | 153,260   | 153,260    |
|                          |                                      | <b>Yen Dung</b>          |               |           | 179,138   | 179,138    |
|                          |                                      | <b>Yen The</b>           |               |           | 101,851   | 101,851    |
|                          |                                      | <b>Bac Kan</b>           | <b>Ba Be</b>  |           | 50,434    |            |
|                          | <b>Bac Kan Township</b>              |                          |               | 40,870    |           | 40,870     |
|                          | <b>Bach Thong</b>                    |                          |               | 33,183    |           | 33,183     |
|                          | <b>Cho Don</b>                       |                          |               | 52,657    | 465       | 53,122     |
|                          | <b>Cho Moi</b>                       |                          |               | 7,826     | 32,427    | 40,253     |
|                          | <b>Na Ri</b>                         |                          |               | 39,983    | 1,183     | 41,166     |
|                          | <b>Ngan Son</b>                      |                          |               | 30,931    |           | 30,931     |
|                          | <b>Pac Nam</b>                       |                          |               | 32,856    |           | 32,856     |
|                          | <b>Bac Ninh</b>                      | <b>Bac Ninh Township</b> |               |           | 172,664   | 172,664    |
|                          |                                      | <b>Gia Binh</b>          |               |           | 101,048   | 101,048    |
|                          |                                      | <b>Luong Tai</b>         |               |           | 109,355   | 109,355    |
|                          |                                      | <b>Que Vo</b>            |               |           | 148,673   | 148,673    |
|                          |                                      | <b>Thuan Thanh</b>       |               |           | 156,607   | 156,607    |
|                          |                                      | <b>Tien Du</b>           |               |           | 128,522   | 128,522    |
|                          |                                      | <b>Tu Son</b>            |               |           | 144,890   | 144,890    |
|                          | <b>Cao Bang</b>                      | <b>Yen Phong</b>         |               |           | 167,021   | 167,021    |
|                          |                                      | <b>Bao Lac</b>           | 50,601        | 3,829     |           | 54,430     |
|                          |                                      | <b>Bao Lam</b>           | 52,498        | 6,075     |           | 58,573     |
|                          |                                      | <b>Cao Bang Township</b> |               | 35,957    |           | 35,957     |
|                          |                                      | <b>Ha Lang</b>           | 2,925         | 25,649    |           | 28,574     |
|                          |                                      | <b>Ha Quang</b>          | 36,741        |           |           | 36,741     |
|                          |                                      | <b>Hoa An</b>            | 14,996        | 79,169    |           | 94,165     |
|                          |                                      | <b>Nguyen Binh</b>       | 221           | 42,973    |           | 43,194     |
|                          |                                      | <b>Phuc Hoa</b>          |               | 24,831    |           | 24,831     |
|                          |                                      | <b>Quang Uyen</b>        | 260           | 42,773    |           | 43,033     |
|                          |                                      | <b>Thach An</b>          |               | 33,462    |           | 33,462     |
|                          |                                      | <b>Thong Nong</b>        | 18,911        | 6,701     |           | 25,612     |
|                          |                                      | <b>Tra Linh</b>          | 19,318        | 4,288     |           | 23,606     |
|                          |                                      | <b>Trung Khanh</b>       | 44,618        | 8,905     |           | 53,523     |
|                          |                                      | <b>Dien Bien</b>         | <b>D.Bien</b> |           | 1,805     | 147,997    |
|                          | <b>D.Bien Dong</b>                   |                          |               | 14        | 61,744    | 61,758     |
|                          | <b>Dien Bien Phu City</b>            |                          |               |           | 21,414    | 21,414     |
|                          | <b>Muong Lay</b>                     |                          |               | 206       | 54,747    | 54,953     |
|                          | <b>Muong Lay Township</b>            |                          |               | 5,016     | 6,001     | 11,017     |
|                          | <b>Muong Nhe</b>                     |                          |               | 38,580    | 15,441    | 54,021     |
|                          | <b>Tua Chua</b>                      |                          |               | 5,464     | 46,108    | 51,572     |
|                          | <b>Tuan Giao</b>                     |                          |               |           | 125,983   | 125,983    |
|                          | <b>Ha Giang</b>                      | <b>Bac Me</b>            | 23,698        | 28,761    |           | 52,459     |
|                          |                                      | <b>Bac Quang</b>         |               | 115,794   |           | 115,794    |
|                          |                                      | <b>Dong Van</b>          | 69,443        |           |           | 69,443     |
|                          |                                      | <b>Ha Giang Township</b> | 47,575        | 1,677     |           | 49,252     |
|                          |                                      | <b>Hoang Su Phi</b>      | 20,686        | 43,858    |           | 64,544     |
| <b>Meo Vac</b>           |                                      | 76,209                   |               |           | 76,209    |            |
| <b>Quan Ba</b>           |                                      | 49,118                   |               |           | 49,118    |            |
| <b>Quang Binh</b>        |                                      |                          | 61,938        |           | 61,938    |            |
| <b>Vi Xuyen</b>          |                                      | 51,476                   | 55,739        |           | 107,215   |            |
| <b>Xin Man</b>           |                                      | 14,619                   | 49,899        |           | 64,518    |            |
| <b>Yen Minh</b>          |                                      | 89,626                   |               |           | 89,626    |            |
| <b>Ha Nam</b>            | <b>Binh Luc</b>                      |                          | 169,548       |           | 169,548   |            |
|                          | <b>Duy Tien</b>                      |                          | 148,825       |           | 148,825   |            |
|                          | <b>Kim Bang</b>                      |                          | 167,374       |           | 167,374   |            |
|                          | <b>Ly Nhan</b>                       |                          | 184,192       |           | 184,192   |            |
|                          | <b>Phu Ly Township</b>               |                          | 35,508        |           | 35,508    |            |
|                          | <b>Thanh Lien</b>                    |                          | 160,283       |           | 160,283   |            |
| <b>Ha Noi City</b>       | <b>Ba Dinh</b>                       |                          |               | 223,111   | 223,111   |            |
|                          | <b>Cau Giay</b>                      |                          |               | 269,291   | 269,291   |            |
|                          | <b>Dong Anh</b>                      |                          |               | 370,416   | 370,416   |            |

|                          |                          |         |         |         |         |
|--------------------------|--------------------------|---------|---------|---------|---------|
|                          | <b>Dong Da</b>           |         |         | 393,282 | 393,282 |
|                          | <b>Gia Lam</b>           |         |         | 266,791 | 266,791 |
|                          | <b>Hai Ba Trung</b>      |         |         | 323,331 | 323,331 |
|                          | <b>Hoan Kiem</b>         |         |         | 70,212  | 70,212  |
|                          | <b>Hoang Mai</b>         |         |         | 462,351 | 462,351 |
|                          | <b>Long Bien</b>         |         |         | 250,650 | 250,650 |
|                          | <b>Soc Son</b>           |         |         | 309,148 | 309,148 |
|                          | <b>Tay Ho</b>            |         |         | 115,772 | 115,772 |
|                          | <b>Thanh Tri</b>         |         |         | 224,828 | 224,828 |
|                          | <b>Thanh Xuan</b>        |         |         | 240,141 | 240,141 |
|                          | <b>Tu Lien</b>           |         |         | 414,901 | 414,901 |
| <b>Ha Tay</b>            | <b>Ba Vi</b>             |         |         | 273,037 | 273,037 |
|                          | <b>Chuong My</b>         |         |         | 323,161 | 323,161 |
|                          | <b>Dan Phuong</b>        |         |         | 148,975 | 148,975 |
|                          | <b>Ha Dong Township</b>  |         |         | 286,785 | 286,785 |
|                          | <b>Hoai Duc</b>          |         |         | 224,667 | 224,667 |
|                          | <b>My Duc</b>            | 140,632 |         | 54,334  | 194,966 |
|                          | <b>Phu Xuyen</b>         | 89,414  |         | 100,155 | 189,569 |
|                          | <b>Phuc Tho</b>          |         |         | 171,498 | 171,498 |
|                          | <b>Quoc Oai</b>          |         |         | 185,893 | 185,893 |
|                          | <b>Son Tay Township</b>  |         |         | 143,473 | 143,473 |
|                          | <b>Thach That</b>        |         |         | 186,611 | 186,611 |
|                          | <b>Thanh Oai</b>         |         |         | 174,218 | 174,218 |
|                          | <b>Thuong Tin</b>        |         |         | 240,738 | 240,738 |
|                          | <b>Ung Hoa</b>           | 147,888 |         | 52,078  | 199,966 |
| <b>Hai Duong</b>         | <b>Binh Giang</b>        |         |         | 113,825 | 113,825 |
|                          | <b>Cam Giang</b>         |         |         | 142,195 | 142,195 |
|                          | <b>Chi Linh</b>          |         |         | 164,623 | 164,623 |
|                          | <b>Gia Loc</b>           |         |         | 142,993 | 142,993 |
|                          | <b>Hai Duong City</b>    |         |         | 251,653 | 251,653 |
|                          | <b>Kim Thanh</b>         |         |         | 161,923 | 161,923 |
|                          | <b>Kinh Mon</b>          |         |         | 156,519 | 156,519 |
|                          | <b>Nam Sach</b>          |         |         | 119,476 | 119,476 |
|                          | <b>Ninh Giang</b>        | 348     |         | 156,013 | 156,361 |
|                          | <b>Thanh Ha</b>          |         |         | 170,935 | 170,935 |
|                          | <b>Thanh Mien</b>        | 401     |         | 124,545 | 124,946 |
|                          | <b>Tu Ky</b>             |         |         | 170,812 | 170,812 |
| <b>Hai Phong City</b>    | <b>An Hai</b>            |         |         | 393,264 | 393,264 |
|                          | <b>An Lao</b>            |         |         | 148,547 | 148,547 |
|                          | <b>Bach Long Vi</b>      |         |         |         |         |
|                          | <b>Cat Hai</b>           |         |         | 27,862  | 27,862  |
|                          | <b>Do Son Township</b>   |         |         | 47,086  | 47,086  |
|                          | <b>Hong Bang</b>         |         |         | 97,243  | 97,243  |
|                          | <b>Kien An</b>           |         |         | 107,117 | 107,117 |
|                          | <b>Kien Thuy</b>         |         |         | 195,278 | 195,278 |
|                          | <b>Le Chan</b>           |         |         | 155,501 | 155,501 |
|                          | <b>Ngo Quyen</b>         |         |         | 150,172 | 150,172 |
|                          | <b>Thuy Nguyen Ward</b>  |         |         | 328,179 | 328,179 |
|                          | <b>Tien Lang</b>         | 13,488  |         | 139,167 | 152,655 |
|                          | <b>Vinh Bao</b>          | 105,178 |         | 83,444  | 188,622 |
|                          | <b>Cao Phong</b>         | 45,353  |         |         | 45,353  |
| <b>Da Bac</b>            | 4,044                    | 53,883  |         | 57,927  |         |
| <b>Hoa Binh Township</b> | 2,634                    | 89,758  |         | 92,392  |         |
| <b>Kim Boi</b>           | 152,107                  | 3,134   |         | 155,241 |         |
| <b>Ky Son</b>            | 18                       | 34,975  |         | 34,993  |         |
| <b>Lac Son</b>           | 149,485                  |         |         | 149,485 |         |
| <b>Lac Thuy</b>          | 54,934                   |         |         | 54,934  |         |
| <b>Luong Son</b>         | 1,286                    | 91,161  |         | 92,447  |         |
| <b>Mai Chau</b>          | 56,287                   |         |         | 56,287  |         |
| <b>Tan Lac</b>           | 87,047                   |         |         | 87,047  |         |
| <b>Yen Thuy</b>          | 61,984                   |         |         | 61,984  |         |
| <b>Hung Yen</b>          | <b>An Thi</b>            |         |         | 143,761 | 143,761 |
|                          | <b>Hung Yen Township</b> | 44,962  |         |         | 44,962  |
|                          | <b>Khoai Chau</b>        |         |         | 201,753 | 201,753 |
|                          | <b>Kim Dong</b>          | 42,554  |         | 94,716  | 137,270 |
|                          | <b>My Hao</b>            |         |         | 118,183 | 118,183 |
|                          | <b>Phu Cu</b>            | 44,011  |         | 52,414  | 96,425  |
|                          | <b>Tien Lu</b>           | 148,057 |         | 3,963   | 152,020 |
|                          | <b>Van Giang</b>         |         |         | 112,636 | 112,636 |
| <b>Van Lam</b>           |                          |         | 105,835 | 105,835 |         |
| <b>Yen My</b>            |                          |         | 148,817 | 148,817 |         |
| <b>Lai Chau</b>          | <b>Lai Chau township</b> |         |         | 29,648  | 29,648  |
|                          | <b>Muong Te</b>          | 1,756   |         | 53,630  | 55,482  |
|                          | <b>Phong Tho</b>         | 3,425   | 68,938  | 96      | 72,363  |

|                     |                           |                  |         |         |         |         |
|---------------------|---------------------------|------------------|---------|---------|---------|---------|
|                     | <b>Sin Ho</b>             |                  | 81,457  | 2,516   | 83,973  |         |
|                     | <b>Tam Duong</b>          |                  | 51,797  |         | 51,797  |         |
|                     | <b>Thanh Uyen</b>         |                  | 53,393  | 60,186  | 113,579 |         |
| <b>Lang Son</b>     | <b>Bac Son</b>            |                  |         | 72,578  | 72,578  |         |
|                     | <b>Binh Gia</b>           |                  | 25,663  | 31,436  | 57,099  |         |
|                     | <b>Cao Loc</b>            |                  | 3,321   | 73,219  | 76,540  |         |
|                     | <b>Chi Lang</b>           |                  |         | 81,171  | 81,171  |         |
|                     | <b>Dinh Lap</b>           |                  |         | 28,146  | 28,146  |         |
|                     | <b>Huu Lung</b>           |                  |         | 123,505 | 123,505 |         |
|                     | <b>Lang Son City</b>      |                  |         | 99,621  | 99,621  |         |
|                     | <b>Loc Binh</b>           |                  |         | 87,029  | 87,029  |         |
|                     | <b>Trang Dinh</b>         |                  |         | 64,260  | 64,260  |         |
|                     | <b>Van Lang</b>           |                  |         | 44,171  | 12,342  | 56,513  |
|                     | <b>Van Quan</b>           |                  |         | 5,527   | 53,851  | 59,378  |
|                     | <b>Lao Cai</b>            | <b>Bac Ha</b>    |         | 60,195  |         | 60,195  |
|                     |                           | <b>Bao Thang</b> |         | 108,671 |         | 108,671 |
| <b>Bao Yen</b>      |                           |                  | 83,947  |         | 83,947  |         |
| <b>Bat Xat</b>      |                           | 5,204            | 77,062  |         | 82,266  |         |
| <b>Lao Cai City</b> |                           |                  | 111,620 |         | 111,620 |         |
| <b>Muong Khuong</b> |                           | 27,927           | 28,595  |         | 56,522  |         |
| <b>Sa Pa</b>        |                           |                  | 58,900  |         | 58,900  |         |
| <b>Si Ma Cai</b>    |                           | 240              | 34,028  |         | 34,268  |         |
| <b>Van Ban</b>      |                           |                  | 66,262  | 21,178  | 87,440  |         |
| <b>Nam Dinh</b>     | <b>Giao Thuy</b>          |                  | 200,320 |         | 200,320 |         |
|                     | <b>Hai Hau</b>            |                  | 276,135 |         | 276,135 |         |
|                     | <b>My Loc</b>             |                  | 69,917  |         | 69,917  |         |
|                     | <b>Nam Dinh City</b>      |                  | 266,284 |         | 266,284 |         |
|                     | <b>Nam Truc</b>           |                  | 213,706 |         | 213,706 |         |
|                     | <b>Nghia Hung</b>         |                  | 201,370 |         | 201,370 |         |
|                     | <b>Truc Ninh</b>          |                  | 192,160 |         | 192,160 |         |
|                     | <b>Vu Ban</b>             |                  | 148,898 |         | 148,898 |         |
|                     | <b>Xuan Truong</b>        |                  | 184,147 |         | 184,147 |         |
|                     | <b>Y Yen</b>              |                  | 247,063 |         | 247,063 |         |
| <b>Nghe An</b>      | <b>Ky Son</b>             | 2,823            |         |         | 2,823   |         |
|                     | <b>Nghia Dan</b>          | 36,328           |         |         | 36,328  |         |
|                     | <b>Que Phong</b>          | 71,877           |         |         | 71,877  |         |
|                     | <b>Quy Chau</b>           | 48,280           |         |         | 48,280  |         |
|                     | <b>Quy Hop</b>            | 5,920            |         |         | 5,920   |         |
|                     | <b>Quynh Luu</b>          | 632              |         |         | 632     |         |
|                     | <b>Tuong Duong</b>        | 512              |         |         | 512     |         |
| <b>Ninh Binh</b>    | <b>Gia Vien</b>           |                  | 129,147 |         | 129,147 |         |
|                     | <b>Hoa Lu</b>             |                  | 146,695 |         | 146,695 |         |
|                     | <b>Kim Son</b>            |                  | 182,347 |         | 182,347 |         |
|                     | <b>Nho Quan</b>           |                  | 158,908 |         | 158,908 |         |
|                     | <b>Ninh Binh Township</b> |                  | 48,465  |         | 48,465  |         |
|                     | <b>Tam Diep Township</b>  |                  | 60,412  |         | 60,412  |         |
|                     | <b>Yen Khanh</b>          |                  | 149,582 |         | 149,582 |         |
|                     | <b>Yen Mo</b>             |                  | 122,914 |         | 122,914 |         |
| <b>Phu Tho</b>      | <b>Cam Khe</b>            |                  |         | 144,337 | 144,337 |         |
|                     | <b>Doan Hung</b>          |                  |         | 118,242 | 118,242 |         |
|                     | <b>Ha Hoa</b>             |                  |         | 116,283 | 116,283 |         |
|                     | <b>Lam Thao</b>           |                  |         | 122,645 | 122,645 |         |
|                     | <b>Phu Ninh</b>           |                  |         | 115,858 | 115,858 |         |
|                     | <b>Phu Tho Township</b>   |                  |         | 45,432  | 45,432  |         |
|                     | <b>Tam Nong</b>           |                  |         | 88,639  | 88,639  |         |
|                     | <b>Thanh Ba</b>           |                  |         | 116,203 | 116,203 |         |
|                     | <b>Thanh Son</b>          |                  |         | 222,701 | 222,701 |         |
|                     | <b>Thanh Thuy</b>         |                  |         | 80,238  | 80,238  |         |
|                     | <b>Viet Tri City</b>      |                  |         | 179,622 | 179,622 |         |
| <b>Quang Ninh</b>   | <b>Yen Lap</b>            |                  | 90,957  |         | 90,957  |         |
|                     | <b>Ba Che</b>             |                  | 20,558  |         | 20,558  |         |
|                     | <b>Binh Lieu</b>          |                  | 30,642  |         | 30,642  |         |
|                     | <b>Cam Pha Township</b>   |                  | 119,944 |         | 119,944 |         |
|                     | <b>Co To</b>              |                  | 5,120   |         | 5,120   |         |
|                     | <b>Dam Ha</b>             |                  | 36,435  |         | 36,435  |         |
|                     | <b>Dong Trieu</b>         |                  | 176,930 |         | 176,930 |         |
|                     | <b>Ha Long City</b>       |                  | 214,386 |         | 214,386 |         |
|                     | <b>Hai Ha</b>             |                  | 56,856  |         | 56,856  |         |
|                     | <b>Hoanh Bo</b>           |                  | 46,158  |         | 46,158  |         |
|                     | <b>Mong Cai Township</b>  |                  | 104,734 |         | 104,734 |         |
|                     | <b>Tien Yen</b>           |                  | 48,537  |         | 48,537  |         |
|                     | <b>Uong Bi Township</b>   |                  | 116,141 |         | 116,141 |         |
| <b>Van Don</b>      |                           | 39,566           |         | 39,566  |         |         |
| <b>Yen Hung</b>     |                           | 128,667          |         | 128,667 |         |         |

|             |                      |         |         |         |         |
|-------------|----------------------|---------|---------|---------|---------|
| Son La      | Bac Yen              |         |         | 61,907  | 61,907  |
|             | Mai Son              |         |         | 148,826 | 148,826 |
|             | Moc Chau             |         | 110,703 | 55,282  | 165,985 |
|             | Muong La             |         |         | 96,385  | 96,385  |
|             | Phu Yen              |         |         | 116,991 | 116,991 |
|             | Quynh Nhai           |         |         | 34,647  | 34,647  |
|             | Son La Township      |         |         | 105,872 | 105,872 |
|             | Song Ma              |         | 39,042  | 103,756 | 142,798 |
|             | Sop Cop              |         | 38,150  | 3,339   | 41,489  |
|             | Thuan Chau           |         |         | 192,612 | 192,612 |
|             | Yen Chau             |         | 1,786   | 73,419  | 75,205  |
| Thai Binh   | Dong Hung            |         | 255,015 |         | 255,015 |
|             | Hung Ha              |         | 278,294 |         | 278,294 |
|             | Kien Xuong           |         | 239,359 |         | 239,359 |
|             | Quynh Phu            |         | 228,689 | 23,045  | 251,734 |
|             | Thai Binh City       |         | 208,311 |         | 208,311 |
|             | Thai Thuy            |         | 262,585 |         | 262,585 |
|             | Tien Hai             |         | 228,206 |         | 228,206 |
|             | Vu Thu               |         | 233,496 |         | 233,496 |
| Thai Nguyen | Dai Tu               |         |         | 176,371 | 176,371 |
|             | Dinh Hoa             |         | 851     | 95,604  | 96,455  |
|             | Dong Hy              |         |         | 118,615 | 118,615 |
|             | Pho Yen              |         |         | 148,538 | 148,538 |
|             | Phu Binh             |         |         | 140,483 | 140,483 |
|             | Phu Luong            |         |         | 112,921 | 112,921 |
|             | Song Cong Township   |         |         | 59,884  | 59,884  |
|             | Thai Nguyen City     |         |         | 300,569 | 300,569 |
| Thanh Hoa   | Vo Nhai              |         |         | 70,611  | 70,611  |
|             | Ba Thuoc             |         | 106,588 |         | 106,588 |
|             | Bim Son Township     |         | 59,286  |         | 59,286  |
|             | Cam Thuy             |         | 114,783 |         | 114,783 |
|             | Dong Son             | 105,490 |         |         | 105,490 |
|             | Ha Trung             | 667     | 98,921  |         | 99,588  |
|             | Hau Loc              | 115,932 | 78,887  |         | 194,819 |
|             | Hoang Hoa            | 264,900 |         |         | 264,900 |
|             | Lang Chanh           | 4,666   | 44,994  |         | 49,660  |
|             | Muong Lat            |         | 27,818  |         | 27,818  |
|             | Nga Son              |         | 144,063 |         | 144,063 |
|             | Ngoc Lac             | 50,017  | 89,336  |         | 139,353 |
|             | Nhu Thanh            | 100,935 |         |         | 100,935 |
|             | Nhu Xuan             | 69,405  |         |         | 69,405  |
|             | Nong Cong            | 199,251 |         |         | 199,251 |
|             | Quan Hoa             |         | 47,174  |         | 47,174  |
|             | Quan Son             |         | 33,170  |         | 33,170  |
|             | Quang Xuong          | 286,580 |         |         | 286,580 |
|             | Sam Son Township     | 54,445  |         |         | 54,445  |
|             | Thach Thanh          |         | 147,322 |         | 147,322 |
|             | Thanh Hoa City       | 238,923 |         |         | 238,923 |
|             | Thieu Hoa            | 191,434 |         |         | 191,434 |
|             | Tho Xuan             | 226,563 | 4,050   |         | 230,613 |
|             | Thuong Xuan          | 96,324  | 11      |         | 96,335  |
|             | Tinh Gia             | 225,468 |         |         | 225,468 |
|             | Trieu Son            | 219,668 |         |         | 219,668 |
|             | Vinh Loc             | 3,697   | 80,143  |         | 83,840  |
| Yen Dinh    | 94,354               | 75,165  |         | 169,519 |         |
| Tuyen Quang | Chiem Hoa            |         | 144,507 | 490     | 144,997 |
|             | Ham Yen              |         | 61,340  | 56,635  | 117,975 |
|             | Na Hang              |         | 66,160  |         | 66,160  |
|             | Son Duong            |         |         | 180,645 | 180,645 |
|             | Tuyen Quang Township |         |         | 84,083  | 84,083  |
| Vinh Phuc   | Yen Son              |         | 4,648   | 184,094 | 188,742 |
|             | Binh Xuyen           |         |         | 124,753 | 124,753 |
|             | Lap Thach            |         |         | 252,378 | 252,378 |
|             | Me Linh              |         |         | 220,980 | 220,980 |
|             | Phuc Yen township    |         |         | 97,561  | 97,561  |
|             | Tam Dao              |         |         | 58,136  | 58,136  |
|             | Tam Duong            |         |         | 110,046 | 110,046 |
|             | Vinh Tuong           |         |         | 210,575 | 210,575 |
| Yen Bai     | Vinh Yen Township    |         |         | 92,065  | 92,065  |
|             | Yen Lac              |         |         | 163,424 | 163,424 |
|             | Luc Yen              |         | 84,332  | 26,981  | 111,313 |
|             | Mu Cang Chai         |         |         | 53,924  | 53,924  |
| Yen Bai     | Nghia Lo Township    |         |         | 19,317  | 19,317  |
|             | Tram Tau             |         |         | 29,371  | 29,371  |

|  |                       |                     |           |            |            |             |
|--|-----------------------|---------------------|-----------|------------|------------|-------------|
|  |                       | <b>Tran Yen</b>     |           |            | 88,856     | 88,856      |
|  |                       | <b>Van Chan</b>     |           |            | 168,872    | 168,872     |
|  |                       | <b>Van Yen</b>      |           | 8,441      | 119,965    | 128,406     |
|  |                       | <b>Yen Bai City</b> |           |            | 102,430    | 102,430     |
|  |                       | <b>Yen Binh</b>     |           | 2,046      | 110,054    | 112,100     |
|  | <b>VIET NAM - TOT</b> |                     | 3,437,182 | 11,027,172 | 22,954,745 | 37,419,099  |
|  | <b>All - TOT</b>      |                     | #####     | 59,787,227 | 46,653,733 | 240,248,690 |