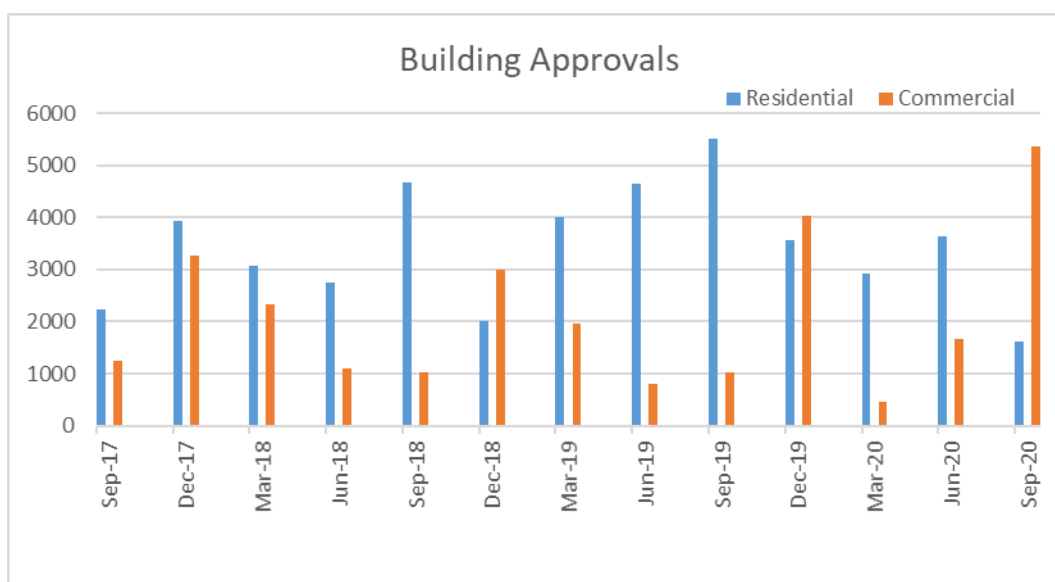


**MINISTRY OF FINANCE AND ECONOMIC MANAGEMENT**  
GOVERNMENT OF THE COOK ISLANDS  
**COOK ISLANDS**  
**STATISTICAL BULLETIN**

**MISCELLANEOUS STATISTICS**  
**September Quarter 2020**

The Miscellaneous Statistics is a compilation of statistics from various data sources, such as building approvals, energy consumption, aircraft movement, motor vehicle registration, air cargo and climate.

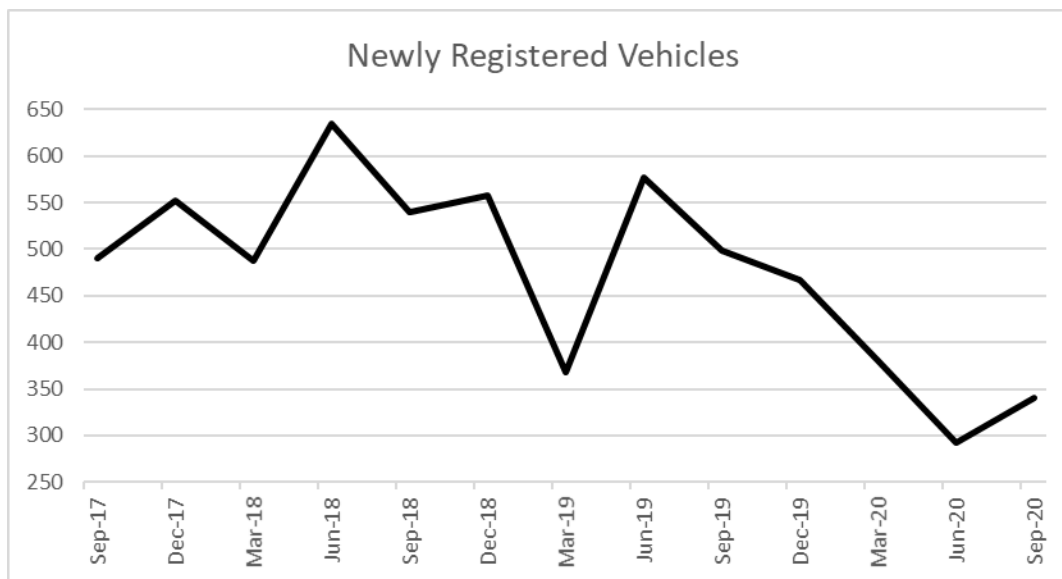
**Building Approvals** – The total value of buildings approved during the September quarter 2020 (6,990) an increased by 32.1 per cent when compared to June quarter 2020 (5,290). Commercial buildings (commercial (70), Community (5,300)) contributed 76.8 per cent in the total value of building approvals and the Residential buildings contributed 23.2 per cent.



**Electricity Generated** - Total electricity and renewable energy generated in the Cook Islands for the September quarter 2020 was 7.4 million kWh, an 8.0 per cent decrease when compared to June quarter 2020. Of the total electricity and renewable energy generated 82.3 per cent was consumed on Rarotonga, followed by 17.7 per cent from the selected outer islands.

**Aircraft Movement** - International flights out of Rarotonga has a total of 13 flights in September quarter 2020.

**Newly Registered Motor Vehicle** - Newly registered vehicles for September quarter 2020 increased by 16.8 per cent compared to June quarter 2020. Motor cycles continued to be the highest type of vehicles registered (64.8 per cent), followed by Cars, Jeeps and Station Wagons (16.4 per cent), Vans and Pickups (9.1 per cent).



**Air Cargo** - The total weight of 161,000 kilograms of air cargo was recorded in the September quarter 2020. Of the total weight recorded for air cargo this is a 7.3 per cent increase when compared to June quarter 2020. Air cargo imports recorded a total weight of 137,000 kilograms and for exports recorded a total weight of 24,000 kilograms for September quarter 2020. The actual value and descriptions of the air cargo imports/exports is captured in the Overseas Trade Statistics publication.

**Climate** - Rarotonga and Aitutaki recorded an average temperature of 22.3 and 24.1 degrees Celsius, with a total rainfall of 427 millimeters for Rarotonga and 193 millimeters for Aitutaki. Penrhyn had an average temperature of 28.4 degrees Celsius with a total rainfall of 281 millimeters during September quarter 2020. A total of 527 hours of sunshine was recorded for Rarotonga.

Further information about this release can be obtained from the Statistics Office.

Taggy Tangimetua  
 Government Statistician  
December 2020

**Table 7.1 Building Approvals Statistics**

| Period           | Total |        | Residential  |        | Commercial   |                         |              |                                    | Community <sup>3</sup> |        |              |
|------------------|-------|--------|--------------|--------|--------------|-------------------------|--------------|------------------------------------|------------------------|--------|--------------|
|                  | Year  | No     | Value ('000) | No     | Value ('000) | Commercial <sup>1</sup> |              | Tourist Accommodation <sup>2</sup> |                        | No     | Value ('000) |
|                  |       |        |              |        |              | No                      | Value ('000) | No                                 | Value ('000)           |        |              |
| 2014             | 73    | 9,738  | 55           | 6,428  | 12           | 2,728                   | 3            | 215                                | 3                      | 367    |              |
| 2015             | 72    | 13,598 | 58           | 9,208  | 5            | 1,064                   | 4            | 2,221                              | 5                      | 1,105  |              |
| 2016             | 110   | 22,125 | 87           | 13,820 | 12           | 2,293                   | 6            | 1,936                              | 5                      | 4,076  |              |
| 2017             | 129   | 37,259 | 95           | 13,913 | 13           | 1,871                   | 13           | 6,468                              | 8                      | 15,007 |              |
| 2018             | 116   | 19,972 | 87           | 12,507 | 8            | 1,324                   | 14           | 3,926                              | 7                      | 2,215  |              |
| 2019             | 152   | 25,557 | 117          | 17,757 | 9            | 1,860                   | 23           | 5,013                              | 3                      | 927    |              |
| <b>Quarterly</b> |       |        |              |        |              |                         |              |                                    |                        |        |              |
| <b>2013</b>      |       |        |              |        |              |                         |              |                                    |                        |        |              |
| Mar              | 9     | 1,537  | 8            | 1,517  | 1            | 20                      | -            | -                                  | -                      | -      |              |
| Jun              | 17    | 1,676  | 8            | 886    | 2            | 170                     | 5            | 370                                | 2                      | 250    |              |
| Sep              | 16    | 3,118  | 11           | 2,130  | 4            | 388                     | 1            | 600                                | -                      | -      |              |
| Dec              | 14    | 2,220  | 11           | 1,640  | 2            | 500                     | -            | -                                  | 1                      | 80     |              |
| <b>2014</b>      |       |        |              |        |              |                         |              |                                    |                        |        |              |
| Mar              | 12    | 2,247  | 10           | 1,320  | 1            | 800                     | -            | -                                  | 1                      | 127    |              |
| Jun              | 23    | 3,258  | 19           | 2,892  | 4            | 366                     | -            | -                                  | -                      | -      |              |
| Sep              | 25    | 2,382  | 21           | 1,970  | 3            | 332                     | 1            | 80                                 | -                      | -      |              |
| Dec              | 13    | 1,851  | 5            | 246    | 4            | 1,230                   | 2            | 135                                | 2                      | 240    |              |
| <b>2015</b>      |       |        |              |        |              |                         |              |                                    |                        |        |              |
| Mar              | 14    | 2,340  | 12           | 1,868  | -            | -                       | 1            | 222                                | 1                      | 250    |              |
| Jun              | 16    | 2,745  | 12           | 1,680  | 2            | 644                     | 1            | 252                                | 1                      | 169    |              |
| Sep              | 19    | 3,973  | 13           | 1,661  | 3            | 420                     | 1            | 1,382                              | 2                      | 510    |              |
| Dec              | 23    | 4,540  | 21           | 3,999  | -            | -                       | 1            | 365                                | 1                      | 176    |              |
| <b>2016</b>      |       |        |              |        |              |                         |              |                                    |                        |        |              |
| Mar              | 30    | 6,118  | 29           | 4,718  | 1            | 1,400                   | -            | -                                  | -                      | -      |              |
| Jun              | 38    | 6,241  | 31           | 4,981  | 4            | 548                     | 2            | 592                                | 1                      | 120    |              |
| Sep              | 22    | 3,140  | 13           | 2,053  | 6            | 145                     | 3            | 942                                | -                      | -      |              |
| Dec              | 20    | 6,626  | 14           | 2,068  | 1            | 200                     | 1            | 402                                | 4                      | 3,956  |              |
| <b>2017</b>      |       |        |              |        |              |                         |              |                                    |                        |        |              |
| Mar              | 34    | 7,723  | 28           | 4,402  | 1            | 165                     | 4            | 3,140                              | 1                      | 16     |              |
| Jun              | 30    | 18,850 | 22           | 3,340  | 3            | 562                     | 2            | 858                                | 3                      | 14,090 |              |
| Sep              | 27    | 3,472  | 20           | 2,225  | 2            | 326                     | 3            | 590                                | 2                      | 331    |              |
| Dec              | 38    | 7,214  | 25           | 3,946  | 7            | 818                     | 4            | 1,880                              | 2                      | 570    |              |
| <b>2018</b>      |       |        |              |        |              |                         |              |                                    |                        |        |              |
| Mar              | 28    | 5,409  | 22           | 3,068  | 1            | 20                      | 5            | 2,321                              | -                      | -      |              |
| Jun              | 26    | 3,866  | 20           | 2,754  | 2            | 212                     | 3            | 570                                | 1                      | 330    |              |
| Sep              | 34    | 5,702  | 28           | 4,677  | 1            | 200                     | 2            | 310                                | 3                      | 515    |              |
| Dec              | 28    | 4,995  | 17           | 2,008  | 4            | 892                     | 4            | 725                                | 3                      | 1,370  |              |
| <b>2019</b>      |       |        |              |        |              |                         |              |                                    |                        |        |              |
| Mar              | 37    | 5,975  | 27           | 4,015  | -            | -                       | 8            | 1,160                              | 2                      | 800    |              |
| Jun              | 32    | 5,451  | 29           | 4,651  | 1            | 270                     | 2            | 530                                | -                      | -      |              |
| Sep              | 42    | 6,534  | 33           | 5,519  | 2            | 100                     | 6            | 788                                | 1                      | 127    |              |
| Dec              | 41    | 7,597  | 28           | 3,572  | 6            | 1,490                   | 7            | 2,535                              | -                      | -      |              |
| <b>2020</b>      |       |        |              |        |              |                         |              |                                    |                        |        |              |
| Mar              | 20    | 3,380  | 18           | 2,930  | -            | -                       | 2            | 450                                | -                      | -      |              |
| Jun              | 26    | 5,290  | 21           | 3,633  | 3            | 1,487                   | 1            | 90                                 | 1                      | 80     |              |
| Sep              | 14    | 6,990  | 11           | 1,620  | 2            | 70                      | -            | -                                  | 1                      | 5,300  |              |

Source: Building Control - Ministry of Infrastructure and Planning

Note: (\*) - Commercial establishments including:

- (1) - Shops, Offices, Service Stations...
- (2) - Motels, Bungalows, Units, and Tourist Accommodation
- (3) - Churches, Comm, Halls, Schools, Factories, Workshops

**Table 7.2 Electricity and Renewable Energy Generated for Selected Islands**

| Period         | Cook Islands                       |                                    | Rarotonga                          |                                    | Aitutaki                           |                                    | Atu                                |                                    | Mauike                             |                                    | Mangala                            |                                    | Miliako                            |                                    | Pentryn                            |                                    | Rakahanga                          |                                    | Manihiki                           |                                    | Palmerston <sup>1</sup>            |                                    | Pukapuka <sup>2</sup>              |     |
|----------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-----|
|                | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> | Electricity Renewable <sup>3</sup> |     |
| <b>YEAR</b>    | (kwh '000)                         |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |     |
| 2014           | 31,194                             | 1,373                              | 25,886                             | 1,373                              | 3,635                              | ...                                | 414                                | ...                                | 254                                | ...                                | 445                                | ...                                | 95                                 | ...                                | 73                                 | -                                  | 65                                 | -                                  | 268                                | -                                  | 43                                 | -                                  | 16                                 | -   |
| 2015           | 29,330                             | 3,398                              | 23,927                             | 3,398                              | 3,631                              | ...                                | 373                                | ...                                | 243                                | ...                                | 458                                | ...                                | 89                                 | ...                                | 149                                | -                                  | 81                                 | -                                  | 253                                | -                                  | 49                                 | -                                  | 77                                 | -   |
| 2016           | 29,888                             | 4,605                              | 23,993                             | 4,605                              | 3,754                              | ...                                | 413                                | ...                                | 228                                | ...                                | 475                                | ...                                | 88                                 | ...                                | 143                                | -                                  | 101                                | -                                  | 252                                | -                                  | 44                                 | -                                  | 97                                 | -   |
| 2017           | 30,767                             | 5,858                              | 25,843                             | 4,708                              | 4,056                              | ...                                | 433                                | ...                                | 109                                | ...                                | 159                                | ...                                | 29                                 | ...                                | ...                                | 152                                | ...                                | 83                                 | -                                  | 70                                 | 192                                | 59                                 | 9                                  | 127 |
| 2018           | 30,929                             | 10,522                             | 29,378                             | 4,618                              | 1,131                              | ...                                | 80                                 | ...                                | 79                                 | ...                                | 107                                | ...                                | 14                                 | ...                                | 28                                 | 174                                | ...                                | 91                                 | 86                                 | 284                                | 20                                 | 59                                 | 6                                  | 128 |
| 2019           | 28,819                             | 9,918                              | 27,467                             | 4,473                              | 986                                | ...                                | 67                                 | ...                                | 101                                | ...                                | 53                                 | ...                                | 12                                 | ...                                | 26                                 | 174                                | 5                                  | 91                                 | 72                                 | 274                                | 11                                 | 57                                 | 23                                 | 149 |
| <b>QUARTER</b> |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |     |
| <b>2014</b>    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |     |
| Mar            | 8,335                              | 258                                | 6,976                              | 258                                | 935                                | ...                                | 116                                | ...                                | 57                                 | ...                                | 106                                | ...                                | 23                                 | ...                                | 31                                 | -                                  | 16                                 | -                                  | 60                                 | -                                  | 11                                 | -                                  | 4                                  | -   |
| Jun            | 7,883                              | 214                                | 6,587                              | 214                                | 889                                | ...                                | 102                                | ...                                | 56                                 | ...                                | 114                                | ...                                | 23                                 | ...                                | 13                                 | -                                  | 18                                 | -                                  | 64                                 | -                                  | 12                                 | -                                  | 5                                  | -   |
| Sep            | 7,503                              | 255                                | 6,213                              | 255                                | 876                                | ...                                | 96                                 | ...                                | 63                                 | ...                                | 111                                | ...                                | 25                                 | ...                                | 15                                 | -                                  | 17                                 | -                                  | 74                                 | -                                  | 10                                 | -                                  | 3                                  | -   |
| Dec            | 7,473                              | 646                                | 6,110                              | 646                                | 935                                | ...                                | 100                                | ...                                | 78                                 | ...                                | 114                                | ...                                | 24                                 | ...                                | 14                                 | -                                  | 14                                 | -                                  | 70                                 | -                                  | 10                                 | -                                  | 4                                  | -   |
| <b>2015</b>    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |     |
| Mar            | 7,894                              | 756                                | 6,470                              | 756                                | 985                                | ...                                | 97                                 | ...                                | 62                                 | ...                                | 115                                | ...                                | 20                                 | ...                                | 32                                 | -                                  | 18                                 | -                                  | 88                                 | -                                  | 13                                 | -                                  | 14                                 | -   |
| Jun            | 7,352                              | 697                                | 6,010                              | 697                                | 898                                | ...                                | 96                                 | ...                                | 65                                 | ...                                | 108                                | ...                                | 24                                 | ...                                | 40                                 | -                                  | 20                                 | -                                  | 56                                 | -                                  | 14                                 | -                                  | 21                                 | -   |
| Sep            | 6,834                              | 867                                | 5,569                              | 867                                | 845                                | ...                                | 87                                 | ...                                | 56                                 | ...                                | 113                                | ...                                | 22                                 | ...                                | 37                                 | -                                  | 19                                 | -                                  | 56                                 | -                                  | 11                                 | -                                  | 19                                 | -   |
| Dec            | 7,250                              | 1,078                              | 5,878                              | 1,078                              | 903                                | ...                                | 93                                 | ...                                | 60                                 | ...                                | 122                                | ...                                | 23                                 | ...                                | 40                                 | -                                  | 24                                 | -                                  | 73                                 | -                                  | 11                                 | -                                  | 23                                 | -   |
| <b>2016</b>    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |     |
| Mar            | 7,584                              | 1,117                              | 6,161                              | 1,117                              | 968                                | ...                                | 99                                 | ...                                | 58                                 | ...                                | 124                                | ...                                | 22                                 | ...                                | 31                                 | -                                  | 22                                 | -                                  | 63                                 | -                                  | 11                                 | -                                  | 25                                 | -   |
| Jun            | 7,043                              | 1,014                              | 5,687                              | 1,014                              | 907                                | ...                                | 94                                 | ...                                | 55                                 | ...                                | 112                                | ...                                | 22                                 | ...                                | 41                                 | -                                  | 22                                 | -                                  | 65                                 | -                                  | 11                                 | -                                  | 27                                 | -   |
| Sep            | 7,339                              | 1,106                              | 5,960                              | 1,106                              | 909                                | ...                                | 117                                | ...                                | 55                                 | ...                                | 117                                | ...                                | 20                                 | ...                                | 36                                 | -                                  | 24                                 | -                                  | 68                                 | -                                  | 11                                 | -                                  | 22                                 | -   |
| Dec            | 7,622                              | 1,368                              | 6,185                              | 1,368                              | 970                                | ...                                | 103                                | ...                                | 60                                 | ...                                | 122                                | ...                                | 24                                 | ...                                | 35                                 | -                                  | 33                                 | -                                  | 56                                 | -                                  | 11                                 | -                                  | 23                                 | -   |
| <b>2017</b>    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |     |
| Mar            | 8,183                              | 5,858                              | 6,885                              | 1,370                              | 1,084                              | ...                                | 110                                | ...                                | 29                                 | ...                                | 40                                 | ...                                | 5                                  | ...                                | 23                                 | -                                  | 23                                 | -                                  | 36                                 | -                                  | 15                                 | -                                  | 4                                  | -   |
| Jun            | 7,797                              | 1,391                              | 6,606                              | 1,120                              | 984                                | ...                                | 107                                | ...                                | 27                                 | ...                                | 37                                 | ...                                | 8                                  | ...                                | 25                                 | -                                  | 25                                 | -                                  | 38                                 | -                                  | 13                                 | -                                  | 5                                  | -   |
| Sep            | 7,079                              | 1,438                              | 5,943                              | 1,139                              | 907                                | ...                                | 108                                | ...                                | 26                                 | ...                                | 39                                 | ...                                | 9                                  | ...                                | 25                                 | -                                  | 25                                 | -                                  | 39                                 | -                                  | 17                                 | -                                  | 5                                  | -   |
| Dec            | 7,708                              | 1,394                              | 6,409                              | 1,079                              | 1,081                              | ...                                | 108                                | ...                                | 27                                 | ...                                | 43                                 | ...                                | 7                                  | ...                                | 34                                 | -                                  | 34                                 | -                                  | 39                                 | -                                  | 14                                 | -                                  | 5                                  | -   |
| <b>2018</b>    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |     |
| Mar            | 7,512                              | 2,647                              | 7,078                              | 1,195                              | 296                                | ...                                | 30                                 | ...                                | 26                                 | ...                                | 42                                 | ...                                | 10                                 | ...                                | 6                                  | ...                                | 27                                 | -                                  | 40                                 | -                                  | 2                                  | -                                  | 1                                  | -   |
| Jun            | 7,332                              | 2,379                              | 6,924                              | 966                                | 273                                | ...                                | 32                                 | ...                                | 22                                 | ...                                | 38                                 | ...                                | 4                                  | ...                                | 5                                  | ...                                | 26                                 | -                                  | 45                                 | -                                  | 6                                  | -                                  | 3                                  | -   |
| Sep            | 7,713                              | 2,484                              | 7,353                              | 1,086                              | 270                                | ...                                | 13                                 | ...                                | 22                                 | ...                                | 22                                 | ...                                | -                                  | ...                                | 9                                  | ...                                | 25                                 | -                                  | 39                                 | -                                  | 6                                  | -                                  | 3                                  | -   |
| Dec            | 8,372                              | 3,012                              | 8,023                              | 1,381                              | 292                                | ...                                | 5                                  | ...                                | 9                                  | ...                                | 5                                  | ...                                | -                                  | ...                                | 8                                  | ...                                | 29                                 | -                                  | 50                                 | -                                  | 6                                  | -                                  | 1                                  | -   |
| <b>2019</b>    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |     |
| Mar            | 7,756                              | 2,850                              | 7,259                              | 1,255                              | 301                                | ...                                | 31                                 | ...                                | 91                                 | ...                                | 22                                 | ...                                | -                                  | ...                                | 13                                 | ...                                | 32                                 | -                                  | 45                                 | -                                  | 6                                  | -                                  | 14                                 | -   |
| Jun            | 7,188                              | 2,490                              | 6,862                              | 1,012                              | 263                                | ...                                | 6                                  | ...                                | 6                                  | ...                                | 17                                 | ...                                | 2                                  | ...                                | 2                                  | ...                                | 33                                 | -                                  | 46                                 | -                                  | 1                                  | -                                  | 1                                  | -   |
| Sep            | 6,841                              | 2,156                              | 6,592                              | 1,002                              | 204                                | ...                                | 7                                  | ...                                | 2                                  | ...                                | 7                                  | ...                                | 2                                  | ...                                | 7                                  | ...                                | 31                                 | -                                  | 46                                 | -                                  | 1                                  | -                                  | 2                                  | -   |
| Dec            | 7,054                              | 2,422                              | 6,764                              | 1,204                              | 218                                | ...                                | 23                                 | ...                                | 2                                  | ...                                | 7                                  | ...                                | 8                                  | ...                                | 4                                  | ...                                | 32                                 | -                                  | 37                                 | -                                  | 3                                  | -                                  | 6                                  | -   |
| <b>2020</b>    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |     |
| Mar            | 7,908                              | 2,539                              | 7,785                              | 1,117                              | 24                                 | ...                                | 14                                 | ...                                | 33                                 | ...                                | 10                                 | ...                                | 2                                  | ...                                | 7                                  | ...                                | 38                                 | -                                  | 45                                 | -                                  | 6                                  | -                                  | 3                                  | -   |
| Jun            | 6,064                              | 2,022                              | 5,784                              | 958                                | 216                                | ...                                | 13                                 | ...                                | 3                                  | ...                                | 9                                  | ...                                | 1                                  | ...                                | 1                                  | ...                                | 35                                 | -                                  | 43                                 | -                                  | 1                                  | -                                  | 2                                  | -   |
| Sep            | 5,375                              | 2,066                              | 5,124                              | 1,000                              | 180                                | ...                                | 15                                 | ...                                | 3                                  | ...                                | 13                                 | ...                                | -                                  | ...                                | 1                                  | ...                                | 37                                 | -                                  | 46                                 | -                                  | -                                  | -                                  | 7                                  | -   |

**Source:** Energy Division of the Ministry of Infrastructure and Planning and Te Aporoa Uira, Rarotonga and the Outer Islands Admin Office.

- Note:**
- (1) Statistics Office just started collecting electricity generated from Palmerston Island.
  - (2) Statistics Office just started collecting electricity generated from Pukapuka Island.
  - (3) Statistics Office started collecting Renewable energy data for Rarotonga in 2014, and for most of the outer islands started in 2017.

**Table 7.3 Aircraft Movement**

| Period         | Total<br>Flights | From Rarotonga to: |        |      |          |           |             |       |
|----------------|------------------|--------------------|--------|------|----------|-----------|-------------|-------|
|                |                  | New Zealand        | Tahiti | Fiji | Honolulu | Australia | Los Angeles | Other |
| <b>YEAR</b>    |                  |                    |        |      |          |           |             |       |
| 2014           | 858              | 682                | 67     | -    | -        | 52        | 52          | 5     |
| 2015           | 799              | 620                | 67     | -    | 2        | 52        | 53          | 5     |
| 2016           | 959              | 779                | 66     | -    | -        | 56        | 53          | 5     |
| 2017           | 963              | 776                | 65     | -    | 2        | 52        | 56          | 12    |
| 2018           | 1,046            | 860                | 68     | -    | 2        | 52        | 52          | 12    |
| 2019           | 1,045            | 857                | 68     | 2    | 2        | 53        | 52          | 11    |
| <b>QUARTER</b> |                  |                    |        |      |          |           |             |       |
| <b>2013</b>    |                  |                    |        |      |          |           |             |       |
| Mar            | 189              | 148                | 14     | -    | -        | 13        | 13          | 1     |
| Jun            | 222              | 177                | 17     | -    | -        | 14        | 13          | 1     |
| Sep            | 258              | 210                | 20     | -    | -        | 13        | 13          | 2     |
| Dec            | 222              | 177                | 18     | -    | -        | 13        | 13          | 1     |
| <b>2014</b>    |                  |                    |        |      |          |           |             |       |
| Mar            | 196              | 151                | 16     | -    | -        | 14        | 14          | 1     |
| Jun            | 209              | 168                | 15     | -    | -        | 12        | 12          | 2     |
| Sep            | 247              | 202                | 19     | -    | -        | 13        | 13          | -     |
| Dec            | 206              | 161                | 17     | -    | -        | 13        | 13          | 2     |
| <b>2015</b>    |                  |                    |        |      |          |           |             |       |
| Mar            | 173              | 129                | 15     | -    | 2        | 13        | 14          | -     |
| Jun            | 192              | 149                | 15     | -    | -        | 13        | 13          | 2     |
| Sep            | 226              | 177                | 20     | -    | -        | 13        | 13          | 3     |
| Dec            | 208              | 165                | 17     | -    | -        | 13        | 13          | -     |
| <b>2016</b>    |                  |                    |        |      |          |           |             |       |
| Mar            | 175              | 133                | 15     | -    | -        | 14        | 13          | -     |
| Jun            | 241              | 203                | 12     | -    | -        | 13        | 13          | -     |
| Sep            | 290              | 239                | 21     | -    | -        | 15        | 13          | 2     |
| Dec            | 253              | 204                | 18     | -    | -        | 14        | 14          | 3     |
| <b>2017</b>    |                  |                    |        |      |          |           |             |       |
| Mar            | 206              | 159                | 13     | -    | 1        | 13        | 16          | 4     |
| Jun            | 231              | 188                | 14     | -    | -        | 13        | 13          | 3     |
| Sep            | 277              | 226                | 21     | -    | -        | 13        | 13          | 4     |
| Dec            | 249              | 203                | 17     | -    | 1        | 13        | 14          | 1     |
| <b>2018</b>    |                  |                    |        |      |          |           |             |       |
| Mar            | 193              | 160                | 16     | -    | -        | 13        | 13          | 1     |
| Jun            | 276              | 232                | 14     | -    | -        | 13        | 13          | 4     |
| Sep            | 308              | 256                | 20     | -    | 2        | 13        | 13          | 4     |
| Dec            | 259              | 212                | 18     | -    | -        | 13        | 13          | 3     |
| <b>2019</b>    |                  |                    |        |      |          |           |             |       |
| Mar            | 207              | 162                | 16     | 1    | -        | 13        | 13          | 2     |
| Jun            | 257              | 215                | 13     | -    | 1        | 13        | 13          | 2     |
| Sep            | 316              | 261                | 23     | 1    | 1        | 14        | 13          | 3     |
| Dec            | 265              | 219                | 16     | -    | -        | 13        | 13          | 4     |
| <b>2020</b>    |                  |                    |        |      |          |           |             |       |
| Mar            | 195              | 156                | 14     | -    | -        | 12        | 12          | 1     |
| Jun            | 15               | 14                 | -      | -    | -        | 1         | -           | -     |
| Sep            | 13               | 13                 | -      | -    | -        | -         | -           | -     |

Source: Air New Zealand and Air Rarotonga

**Table 7.4 Newly Registered Vehicles**

| Period         | Newly Registered Vehicles |              |                                |                  |                  |                |
|----------------|---------------------------|--------------|--------------------------------|------------------|------------------|----------------|
|                | Total                     | Motor Cycles | Cars, Jeeps and Station Wagons | Trucks and Buses | Vans and Pickups | Other Vehicles |
| <b>YEAR</b>    |                           |              |                                |                  |                  |                |
| 2014           | 1,843                     | 1,293        | 313                            | 77               | 146              | 14             |
| 2015           | 2,225                     | 1,516        | 387                            | 82               | 155              | 85             |
| 2016           | 1,963                     | 1,247        | 436                            | 43               | 200              | 37             |
| 2017           | 2,216                     | 1,192        | 691                            | 71               | 225              | 37             |
| 2018           | 2,219                     | 1,297        | 491                            | 121              | 266              | 44             |
| 2019           | 1,910                     | 1,183        | 405                            | 74               | 214              | 34             |
| <b>QUARTER</b> |                           |              |                                |                  |                  |                |
| <b>2013</b>    |                           |              |                                |                  |                  |                |
| Mar            | 394                       | 299          | 49                             | 5                | 39               | 2              |
| Jun            | 435                       | 284          | 110                            | 6                | 25               | 10             |
| Sep            | 403                       | 281          | 72                             | 11               | 39               | -              |
| Dec            | 534                       | 396          | 92                             | 10               | 34               | 2              |
| <b>2014</b>    |                           |              |                                |                  |                  |                |
| Mar            | 374                       | 232          | 74                             | 8                | 58               | 2              |
| Jun            | 530                       | 391          | 93                             | 11               | 32               | 3              |
| Sep            | 500                       | 382          | 56                             | 27               | 30               | 5              |
| Dec            | 439                       | 288          | 90                             | 31               | 26               | 4              |
| <b>2015</b>    |                           |              |                                |                  |                  |                |
| Mar            | 531                       | 374          | 53                             | 12               | 35               | 57             |
| Jun            | 630                       | 471          | 77                             | 28               | 48               | 6              |
| Sep            | 531                       | 348          | 125                            | 18               | 34               | 6              |
| Dec            | 533                       | 323          | 132                            | 24               | 38               | 16             |
| <b>2016</b>    |                           |              |                                |                  |                  |                |
| Mar            | 420                       | 268          | 94                             | 8                | 36               | 14             |
| Jun            | 548                       | 310          | 152                            | 12               | 67               | 7              |
| Sep            | 588                       | 395          | 117                            | 11               | 53               | 12             |
| Dec            | 407                       | 274          | 73                             | 12               | 44               | 4              |
| <b>2017</b>    |                           |              |                                |                  |                  |                |
| Mar            | 561                       | 311          | 163                            | 13               | 69               | 5              |
| Jun            | 613                       | 339          | 197                            | 13               | 51               | 13             |
| Sep            | 490                       | 254          | 147                            | 26               | 51               | 12             |
| Dec            | 552                       | 288          | 184                            | 19               | 54               | 7              |
| <b>2018</b>    |                           |              |                                |                  |                  |                |
| Mar            | 488                       | 291          | 94                             | 39               | 56               | 8              |
| Jun            | 634                       | 332          | 188                            | 21               | 77               | 16             |
| Sep            | 540                       | 336          | 102                            | 32               | 58               | 12             |
| Dec            | 557                       | 338          | 107                            | 29               | 75               | 8              |
| <b>2019</b>    |                           |              |                                |                  |                  |                |
| Mar            | 368                       | 237          | 65                             | 13               | 37               | 16             |
| Jun            | 577                       | 343          | 129                            | 29               | 63               | 13             |
| Sep            | 498                       | 319          | 93                             | 17               | 65               | 4              |
| Dec            | 467                       | 284          | 118                            | 15               | 49               | 1              |
| <b>2020</b>    |                           |              |                                |                  |                  |                |
| Mar            | 380                       | 245          | 55                             | 20               | 54               | 6              |
| Jun            | 292                       | 194          | 37                             | 24               | 27               | 10             |
| Sep            | 341                       | 221          | 56                             | 24               | 31               | 9              |

Source: The Bank of the Cook Islands (BCI), Rarotonga.

**Table 7.5 Air Cargo Imports and Exports**

| Period         | Total | Air Cargo Imports | Air Cargo Exports |
|----------------|-------|-------------------|-------------------|
| <b>YEAR</b>    |       | (kg '000)         |                   |
| 2014           | 1,337 | 1,255             | 81                |
| 2015           | 1,364 | 1,266             | 98                |
| 2016           | 1,650 | 1,558             | 92                |
| 2017           | 1,915 | 1,822             | 93                |
| 2018           | 1,934 | 1,839             | 95                |
| 2019           | 1,854 | 1,760             | 94                |
| <b>QUARTER</b> |       |                   |                   |
| <b>2013</b>    |       |                   |                   |
| Mar            | 279   | 262               | 17                |
| Jun            | 368   | 346               | 22                |
| Sep            | 315   | 286               | 29                |
| Dec            | 390   | 349               | 41                |
| <b>2014</b>    |       |                   |                   |
| Mar            | 321   | 296               | 25                |
| Jun            | 317   | 305               | 12                |
| Sep            | 349   | 330               | 19                |
| Dec            | 350   | 324               | 25                |
| <b>2015</b>    |       |                   |                   |
| Mar            | 336   | 312               | 24                |
| Jun            | 344   | 319               | 25                |
| Sep            | 340   | 315               | 25                |
| Dec            | 343   | 319               | 24                |
| <b>2016</b>    |       |                   |                   |
| Mar            | 329   | 307               | 22                |
| Jun            | 335   | 313               | 22                |
| Sep            | 496   | 473               | 23                |
| Dec            | 489   | 465               | 24                |
| <b>2017</b>    |       |                   |                   |
| Mar            | 478   | 454               | 24                |
| Jun            | 384   | 362               | 22                |
| Sep            | 543   | 520               | 23                |
| Dec            | 510   | 486               | 24                |
| <b>2018</b>    |       |                   |                   |
| Mar            | 419   | 395               | 24                |
| Jun            | 486   | 463               | 23                |
| Sep            | 540   | 516               | 24                |
| Dec            | 489   | 465               | 24                |
| <b>2019</b>    |       |                   |                   |
| Mar            | 436   | 413               | 23                |
| Jun            | 477   | 454               | 23                |
| Sep            | 482   | 458               | 24                |
| Dec            | 459   | 435               | 24                |
| <b>2020</b>    |       |                   |                   |
| Mar            | 328   | 304               | 24                |
| Jun            | 150   | 127               | 23                |
| Sep            | 161   | 137               | 24                |

Source: Air Cargo Manifest - Cargo Division, Air New Zealand, Rar

**Table 7.6 Average Temperature, Total Rainfall and Total Sunshine Hours for Selected Islands**

| Period         | Average Temperature (celsius) |          |         | Total Rainfall (mm) |          |         | Total Hours of Sunshine |
|----------------|-------------------------------|----------|---------|---------------------|----------|---------|-------------------------|
|                | Rarotonga                     | Aitutaki | Penrhyn | Rarotonga           | Aitutaki | Penrhyn | Rarotonga               |
| <b>YEAR</b>    |                               |          |         |                     |          |         |                         |
| 2014           | 23.9                          | 24.9     | 28.9    | 1,662               | 1,372    | 1,249   | 2,283                   |
| 2015           | 23.6                          | 25.2     | 29.0    | 1,441               | 1,349    | 1,920   | 2,189                   |
| 2016           | 24.8                          | 24.7     | 28.9    | 1,421               | 1,366    | 2,600   | 2,183                   |
| 2017           | 25.0                          | 24.9     | 28.7    | 1,568               | 1,362    | 1,686   | 2,232                   |
| 2018           | 25.4                          | 25.0     | 28.6    | 2,122               | 1,359    | 1,021   | 2,143                   |
| 2019           | 24.7                          | 24.9     | 28.9    | 2,002               | 1,476    | 1,236   | 2,045                   |
| <b>QUARTER</b> |                               |          |         |                     |          |         |                         |
| <b>2013</b>    |                               |          |         |                     |          |         |                         |
| Mar            | 26.2                          | 26.3     | 29.0    | 486                 | 479      | 425     | 609                     |
| Jun            | 24.3                          | 25.5     | 28.6    | 344                 | 208      | 310     | 483                     |
| Sep            | 22.1                          | 23.4     | 28.2    | 337                 | 196      | 749     | 364                     |
| Dec            | 24.9                          | 24.8     | 28.1    | 238                 | 493      | 753     | 549                     |
| <b>2014</b>    |                               |          |         |                     |          |         |                         |
| Mar            | 26.5                          | 26.5     | 28.8    | 511                 | 493      | 440     | 575                     |
| Jun            | 23.5                          | 24.7     | 29.0    | 325                 | 211      | 227     | 530                     |
| Sep            | 21.5                          | 23.2     | 28.9    | 304                 | 189      | 108     | 602                     |
| Dec            | 24.2                          | 25.1     | 28.9    | 522                 | 479      | 474     | 576                     |
| <b>2015</b>    |                               |          |         |                     |          |         |                         |
| Mar            | 25.7                          | 26.2     | 28.5    | 771                 | 481      | 1,031   | 546                     |
| Jun            | 22.9                          | 25.1     | 29.1    | 367                 | 209      | 139     | 485                     |
| Sep            | 21.6                          | 24.9     | 29.0    | 83                  | 195      | 94      | 547                     |
| Dec            | 24.2                          | 24.8     | 29.4    | 220                 | 464      | 656     | 611                     |
| <b>2016</b>    |                               |          |         |                     |          |         |                         |
| Mar            | 26.1                          | 25.6     | 29.1    | 246                 | 484      | 940     | 552                     |
| Jun            | 23.8                          | 24.5     | 28.9    | 159                 | 209      | 883     | 546                     |
| Sep            | 23.6                          | 24.9     | 28.8    | 508                 | 193      | 470     | 579                     |
| Dec            | 25.6                          | 24.9     | 28.8    | 508                 | 479      | 307     | 506                     |
| <b>2017</b>    |                               |          |         |                     |          |         |                         |
| Mar            | 27.5                          | 26.1     | 28.7    | 492                 | 486      | 691     | 593                     |
| Jun            | 25.0                          | 24.8     | 29.0    | 436                 | 210      | 518     | 500                     |
| Sep            | 22.9                          | 24.0     | 28.6    | 111                 | 193      | 125     | 631                     |
| Dec            | 24.6                          | 24.9     | 28.4    | 529                 | 474      | 352     | 508                     |
| <b>2018</b>    |                               |          |         |                     |          |         |                         |
| Mar            | 26.6                          | 26.0     | 28.5    | 886                 | 484      | 418     | 539                     |
| Jun            | 25.1                          | 24.8     | 29.0    | 535                 | 209      | 110     | 487                     |
| Sep            | 23.0                          | 24.6     | 28.1    | 362                 | 194      | 258     | 576                     |
| Dec            | 27.0                          | 24.9     | 28.9    | 339                 | 472      | 235     | 541                     |
| <b>2019</b>    |                               |          |         |                     |          |         |                         |
| Mar            | 26.9                          | 25.9     | 29.2    | 762                 | 598      | 513     | 497                     |
| Jun            | 24.3                          | 24.7     | 29.5    | 445                 | 209      | 269     | 481                     |
| Sep            | 23.3                          | 24.0     | 28.3    | 243                 | 193      | 320     | 549                     |
| Dec            | 24.3                          | 24.9     | 28.6    | 552                 | 475      | 134     | 518                     |
| <b>2020</b>    |                               |          |         |                     |          |         |                         |
| Mar            | 26.9                          | 26.0     | 28.8    | 850                 | 523      | 654     | 488                     |
| Jun            | 25.0                          | 24.7     | 29.2    | 393                 | 209      | 224     | 549                     |
| Sep            | 22.3                          | 24.1     | 28.4    | 427                 | 193      | 281     | 527                     |

Sources: Meteorological Office, Rarotonga.