Supplementary Table 1. Number of residents and staff who tested positive for SARS-CoV-2 in 45 LTCFs across South Africa, 5 March 2020 – 12 March 2021, n=2,324

| Facility     | Resident | Staff |      |      |          |          |          |
|--------------|----------|-------|------|------|----------|----------|----------|
|              | Cases n  | Total residents | % infected | Cases n | Total staff | % infected |
| WCRV2        | 8        | 16    | 50.0 | 7    | 25        | 92.6      |
| ECRV4        | 4        | 45    | 8.8  | 11   | 36        | 30.6      |
| MPRV4        | 19       | 267   | 7.1  | 14   | 19        | 73.6      |
| NWOAH1       | 0        | 29    | 0    | 1    | 33        | 3.0       |
| KZNPSYCH1    | 103      | 580   | 22.0 | 0    | 339       | 0         |
| MPRV2        | 1        | 24    | 4.2  | 0    | 0         | 0         |
| FSPSYCHMEN   | 155      | 685   | 22.6 | 165  | 903       | 18.3      |
| WCOAH1       | 34       | 157   | 21.7 | 55   | 250       | 22        |
| FSOAH1       | 2        | 50    | 4.0  | 0    | 31        | 0         |
| MPOAH        | 2        | 46    | 4.3  | 0    | 43        | 0         |
| MPRV3        | 23       | 67    | 34.3 | 0    | 63        | 0         |
| WCRV1        | 4        | 202   | 2.0  | 25   | 54        | 86.2      |
| GPRV         | 51       | 146   | 34.9 | 12   | 131       | 9.2       |
| ECRV1        | 22       | 215   | 10.2 | 35   | 184       | 19.0      |
| ECRV2        | 45       | 465   | 9.6  | 64   | 294       | 21.8      |
| ECPSYCH      | 71       | 648   | 10.9 | 44   | 224       | 19.6      |
| GPSARC3      | 39       | 350   | 11.1 | 26   | 155       | 16.7      |
| LPSYCHMEN    | 35       | 160   | 21.9 | 34   | 154       | 22.1      |
| MPSARC       | 30       | 250   | 12.0 | 33   | 143       | 23.1      |
| GPSARC1      | 136      | 510   | 26.7 | 66   | 233       | 28.3      |
| ECRV3        | 35       | 120   | 29.2 | 23   | 100       | 23.0      |
| GPSARC2      | 36       | 220   | 16.3 | 25   | 106       | 23.6      |
| MPRV         | 2        | 57    | 3.6  | 0    | 20        | 0         |
| GPFCC        | 123      | 269   | 45.7 | 65   | 234       | 27.8      |
| FSOAH2       | 41       | 78    | 52.5 | 13   | 31        | 41.9      |
| MPOAH1       | 1        | 58    | 1.7  | 14   | 70        | 20        |
| MPFCC1       | 0        | 46    | 0    | 2    | 43        | 4.7       |
| MPOAH2       | 1        | 105   | 1    | 9    | 49        | 18.4      |
| WCOAH2       | 18       | 27    | 66.7 | 11   | 21        | 53.4      |
| MPOAH10      | 19       | 50    | 38   | 1    | 42        | 2.4       |
| KZNNOAH1     | 37       | 609   | 6.0  | 30   | 43        | 69.8      |
| KZNNOAH2     | 5        | 77    | 6.5  | 0    | 7         | 0         |
| KZNNOAH4     | 11       | 70    | 15.7 | 1    | 51        | 2.0       |
| KZNNOAH5     | 11       | 172   | 6.4  | 5    | 57        | 8.8       |
| KZNNOAH6     | 6        | 217   | 2.8  | 0    | 11        | 0         |
| KZNNOAH7     | 12       | 185   | 6.5  | 2    | 22        | 9.1       |
| KZNNOAH8     | 42       | 140   | 30.0 | 5    | 152       | 3.2       |
| KZNPSYCHMEN  | 78       | 304   | 25.7 | 18   | 343       | 4.7       |
|                   | 0   | 36  | 0   | 1   | 32  | 3.1 |
|-------------------|-----|-----|-----|-----|-----|-----|
| NWPSYCHMEN        | 213 | 573 | 42.1| 0   | 1059| 0   |
| WCOAH3            | 1   | 80  | 1.3 | 0   | 48  | 2.1 |
| FSOAH3            | 2   | 86  | 2.3 | 0   | 30  | 0   |
| FSOAH4            | 20  | 118 | 16.9| 0   | 34  | 41.2|
| FSOAH5            | 5   | 17  | 29.4| 1   | 14  | 7.1 |
| MPPSYCHMEN1       | 1   | 68  | 1.5 | 2   | 54  | 3.7 |
| **Total**         | 1504| 8694| 17.2| 820 | 5987| 13.7|
**Multi-panel figures**

**Sporadic cases among long-term care facilities**

**North West Old Age Home 1**

**Mpumalanga Retirement Village 2**

**Mpumalanga Retirement Village**

**Free State Old Age Home 3**

**Western Cape Old Age Home 3**

**Mpumalanga Old Age Home 9**

**Supplementary Figure a.** Number of SARS-CoV-2 cases among care homes reporting sporadic SARS-CoV-2 cases, South Africa, 5 March 2020 – 31 July 2021, n=6
Small outbreaks among long term care facilities

Mpumalanga Old Age Home 1

KwaZulu-Natal Old Age Home 5

KwaZulu-Natal Old Age Home 4

Mpumalanga Old Age Home 2

Western Cape Retirement Village 2

KwaZulu-Natal Old Age Home 6
**Supplementary Figure b.** Number of SARS-CoV-2 cases among LTCFs reporting small outbreaks of SARS-CoV-2 cases, South Africa, 5 March 2020 – 31 July 2021, n=15
Large outbreaks among long-term care facilities

KwaZulu-Natal Psychiatric Hospital 1

Free State Old Age Home 2

Gauteng Province Substance Abuse Recovery Centre 3

Free State Psychiatric Hospital

Western Cape Old Age Home 1

Eastern Cape Psychiatric Hospital
Supplementary Figure c. Number of SARS-CoV-2 cases among LTCFs reporting large outbreaks of SARS-CoV-2 cases, South Africa, 5 March 2020 – 31 July 2021, n=24