29 May 2021 Daily Report on COVID-19

(1) Number of COVID-19 Cases

Figure 1.1: Breakdown of New Confirmed Cases in the Past 14 Days

| | | lucu auta d | Non-Imported Cases | | | | | | | | | | | | | | | |
|-------------------------------|---|---------------|--------------------|--|---------|---------------|--|--------|---------|---------------|-----------|------------------------------------|----------------------------------|--------------------------------------|-----------------|------------------------------------|------|-----------|
| Press | | Imported | | Community Cases | | | | | | | | | | | Dorm Res | sidents ¹ | | |
| Release | Isolated before Detection Detected through Surveillance | | | Isolated before Detection ³ | | | Detected through Surveillance ⁴ | | | | Incidence | Isolated | Detected | | Incidence | All Cases | | |
| Date | | Sub- Total | SC/PR | G or F | Visitor | Sub- Total | SC/PR | G or F | Visitor | Sub- Total | Sub-Total | Rate ⁵ (per 100,000) | before Detection ³ | through Surveillance ⁴ | No. of Cases | Rate ⁵ (per 100,000) | | |
| Before 16- May | 4,171 | 325 | 4,496 | 461 | 301 | 4 | 766 | 1,079 | 667 | 10 | 1,756 | 2,522 | - | 54 | l,518 | 54,518 | - | 61,536 |
| 16-May | 11 | 0 | 11 | 11 | 2 | 0 | 13 | 15 | 10 | 0 | 25 | 38 | 0.71 | 0 | 0 | 0 | 0 | 49 |
| 17-May | 7 | 0 | 7 | 4 | 2 | 0 | 6 | 13 | 2 | 0 | 15 | 21 | 0.39 | 0 | 0 | 0 | 0 | 28 |
| 18-May | 11 | 0 | 11 | 9 | 5 | 0 | 14 | 10 | 3 | 0 | 13 | 27 | 0.50 | 0 | 0 | 0 | 0 | 38 |
| 19-May | 4 | 0 | 4 | 23 | 5 | 0 | 28 | 4 | 2 | 0 | 6 | 34 | 0.63 | 0 | 0 | 0 | 0 | 38 |
| 20-May | 14 | 0 | 14 | 12 | 3 | 0 | 15 | 9 | 3 | 0 | 12 | 27 | 0.50 | 0 | 0 | 0 | 0 | 41 |
| 21-May | 10 | 0 | 10 | 13 | 4 | 0 | 17 | 9 | 4 | 0 | 13 | 30 | 0.56 | 0 | 0 | 0 | 0 | 40 |
| 22-May | 7 | 0 | 7 | 10 | 2 | 0 | 12 | 4 | 6 | 0 | 10 | 22 | 0.41 | 0 | 0 | 0 | 0 | 29 |
| 23-May | 3 | 0 | 3 | 9 | 3 | 0 | 12 | 4 | 5 | 0 | 9 | 21 | 0.39 | 0 | 1 | 1 | 0.31 | 25 |
| 24-May | 12 | 0 | 12 | 8 | 4 | 0 | 12 | 8 | 4 | 0 | 12 | 24 | 0.45 | 0 | 0 | 0 | 0 | 36 |
| 25-May | 8 | 1 | 9 | 7 | 1 | 0 | 8 | 6 | 4 | 0 | 10 | 18 | 0.33 | 0 | 3 | 3 | 0.93 | 30 |
| 26-May | 2 | 0 | 2 | 9 | 4 | 0 | 13 | 8 | 2 | 0 | 10 | 23 | 0.43 | 1 | 0 | 1 | 0.31 | 26 |
| 27-May | 8 | 1 | 9 | 12 | 0 | 0 | 12 | 2 | 0 | 0 | 2 | 14 | 0.26 | 0 | 1 | 1 | 0.31 | 24 |
| 28-May | 15 | 0 | 15 | 6 | 2 | 0 | 8 | 6 | 1 | 0 | 7 | 15 | 0.28 | 0 | 0 | 0 | 0 | 30 |
| 29-May | 9 | 1 | 10 | 11 | 2 | 0 | 13 | 4 | 6 | 0 | 10 | 23 | 0.43 | 0 | 0 | 0 | 0 | 33 |
| Total since start of outbreak | 4,292 | 328 | 4,620 | 605 | 340 | 4 | 949 | 1,181 | 719 | 10 | 1,910 | 2,859 | - | 54 | 1,524 | 54,524 | - | 62,003 |
| Population at risk | | | | | | | | | | | | 5,381,000 | | | | 323,000 | | 5,704,000 |
| Prevalence | | | | | | | | | | | | 0.05% | | | | 16.88% | | 1.09% |

Notes

¹ Includes PRs and visitors residing in dorms. Breakdown of dorm cases into those detected through surveillance and those isolated before detection is not available before 24 Aug.

 $^{^{2}}$ 272 cases were reported before early Apr, and constitute the 1st wave of imported cases.

³ Cases who were already quarantined and tested during quarantine to determine their status.

⁴ Cases who were identified through surveillance testing, such as the bi-weekly Rostered Routine Testing (RRT) of at-risk workers and testing of those with Acute Respiratory Illness (ARI) symptoms.

⁵ Incidence rates are rounded to two significant figures.

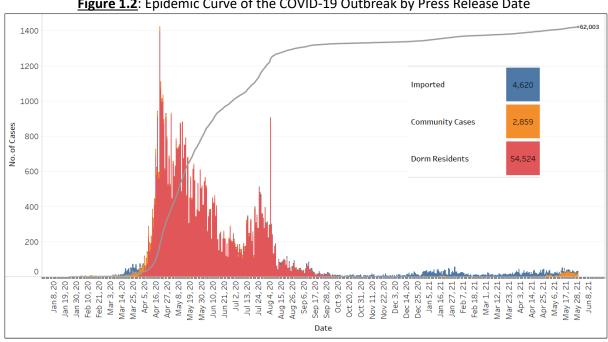
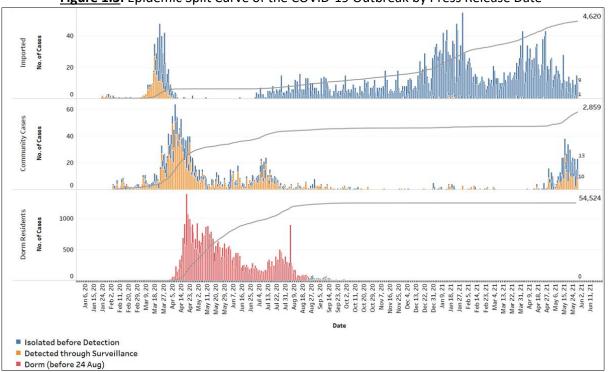


Figure 1.2: Epidemic Curve of the COVID-19 Outbreak by Press Release Date





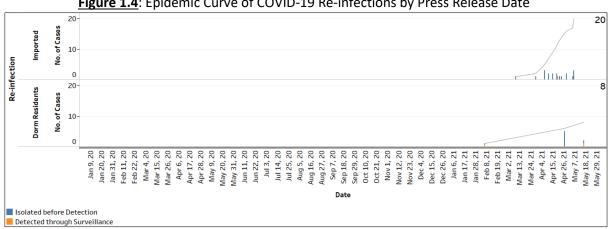
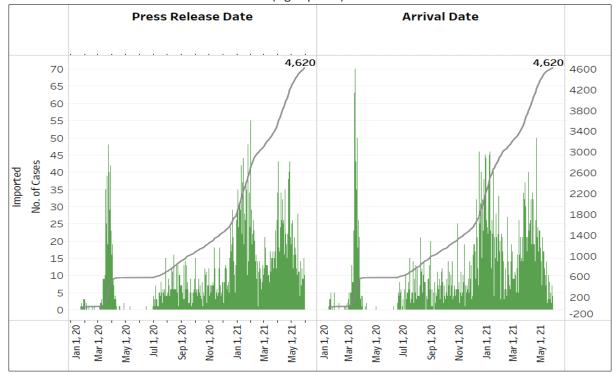
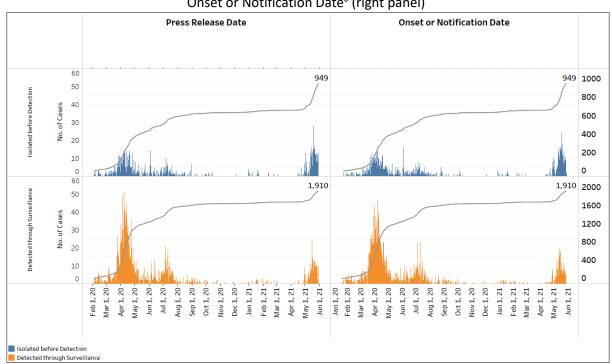


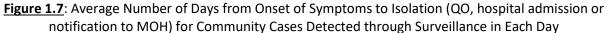
Figure 1.4: Epidemic Curve of COVID-19 Re-infections by Press Release Date

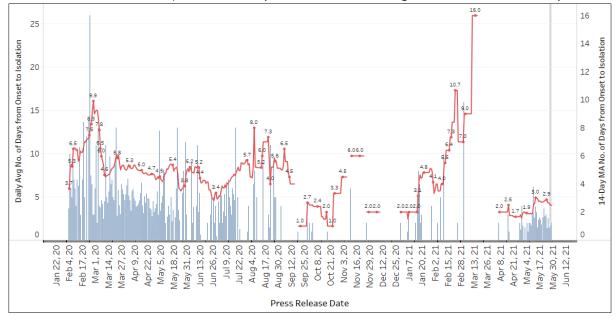
Figure 1.5: Epidemic Curve of Imported Cases by Press Release Date (left panel) and Arrival Date (right panel)





<u>Figure 1.6</u>: Epidemic Curve of Community Cases by Press Release Date (left panel) and by Symptom Onset or Notification Date⁶ (right panel)





Line represents the 14-day moving average; Bar represents the daily average⁷

⁶ Date of notification was used for cases that did not display any symptoms. The numbers with onset in the past few days may see an increase as more cases are notified.

⁷ Area in grey demarcates data points for the past 3 days where some cases may still be pending epidemiological investigation. The bar graph shows the daily average number of days from symptoms onset to isolation, while the line graph shows the moving average for the past 14 days. Both graphs exclude cases with no onset date (asymptomatic) in the computation of the average. Community cases with symptoms who are isolated on the same day that symptoms occurred would have an isolation time of 0. There is a gap in the line graph from 16 to 18 Sep as there are no symptomatic cases in the preceding 14 days.

| Figure 1.8 | : Weekly Reclas | sifications of | Prev | iously Report | ed Case | s (next up | date will be on 3 | 1 May) | |
|-------------------------|---|-------------------------------|------------------------------|--|---|---|---|--------|--|
| | | Imported | C | ommunity Linked | | munity inked | Dorm Residents | Total | |
| Total numb at 17 May | • | | | 1,733 | 855 | | 54,518 | 61,613 | |
| 24 May | ted 18 May - | 61 | | 145 | | 40 | 1 | 247 | |
| | fications of eported cases, d 18 May - 24 | 6 | | 23 | -29 | | 0 | 0 | |
| Total numb at 24 May | er of cases as | 4,574 | 4,574 1,901 | | 866 | | 54,519 | 61,860 | |
| Case | PR date | Occupation | | Link | | Rational | e for Link | | |
| Number | | | | Reclassifica | tion | Reclassif | | | |
| 61508 | 3 Apr 21 | Foreign Domestic Worker | | Commui Unlinked Importi (Myanma Overseas in | d → Myanma ed intermit ar) - infected | | recent travel history to ar. She is likely an tent shedder previously overseas. | | |
| 61822 | 61822 11 Apr 21 | | Stevedore | | | | nked to the vessel which ed on in the D-14 period. | | |
| 61988 | 61988 16 Apr 21 | | Caregiver | | Unlinked → Indones Imported intermit | | recent travel hi a. He is likely an tent shedder pre overseas. | · | |
| 61993 | 61993 16 Apr 21 | | Senior Research Fellow | | Unlinked → Case Community Linked staye | | phylogenetically linked to 1863, an imported case who at the same quarantine as the case. | | |
| 62113 | 62113 18 Apr 21 | | Cargo Officer | | Community Unlinked → Community Linked (Vessel) | | Case is linked to the vessel which he worked on in the D-14 period. | | |
| 62200 | 21 Apr 21 | Senior system engineer | | Community Unlinked → Imported (India) - Overseas infection | | Case has recent travel history to India. He is likely an intermittent shedder previously infected overseas. | | | |
| 62285 | 62285 23 Apr 21 | | Vessel Crew | | I → Indonesi ed intermit | | recent travel history to a. He is likely an tent shedder previously overseas. | | |

Overseas infection

| Case | PR date | Occupation | Link | Rationale for Link |
|--------|-----------|---------------------------------|---|--|
| Number | | | Reclassification | Reclassification |
| 62294 | 23 Apr 21 | Foreign Military Mechanic | Community Unlinked → Imported (Indonesia) - Overseas infection | Case has recent travel history to Indonesia. He is likely an intermittent shedder previously infected overseas. |
| 62553 | 29 Apr 21 | Cleaner | Community Unlinked → Community Linked (Case 62064 and Tuas CCF cluster) | Case is the index of the cluster linked to his workplace, Tuas CCF. His phylogenetic results are similar to Case 62064, who stayed at Tuas CCF. |
| 62627 | 30 Apr 21 | Undergraduate | Community Unlinked → Imported (India) - Overseas infection | Case has recent travel history to India. He is likely an intermittent shedder previously infected overseas. |
| 62933 | 7 May 21 | Cleaner | Community Unlinked → Community Linked (Case 62830 and Cluster 62933) | Case is the index of the cluster linked to his workplace, Park Avenue Rochester. His phylogenetic results are similar to Case 62830, who stayed at the hotel. |
| 63037 | 9 May 21 | Kitchen Assistant | Community Unlinked → Community Linked (Cluster 62933) | Case lives in the same block as 62933. Both cases are phylogenetically linked. |
| 63096 | 12 May 21 | Nurse | Community Unlinked → Community Linked (Cluster 62873) | Case is phylogenetically linked to Cluster 62873, whose index case is a cleaner at Changi Airport Terminal 3. |
| 63120 | 13 May 21 | Housewife | Community Unlinked → Community Linked (Cluster 62873) | Case is phylogenetically linked to Cluster 62873, whose index case is a cleaner at Changi Airport Terminal 3. |
| 63273 | 16 May 21 | Factory Worker | Community Unlinked → Community Linked (Cluster 62933) | Case is the previously unlinked index of SMS IMFOCOMM cluster (7 cases). Case visited JEM/Westgate in the period between 6 May and their symptom onset date. Part of 62933's phylogenetic cluster. |
| 63275 | 16 May 21 | Auxiliary Police | Community Unlinked → Community Linked (Cluster 62933) | Case worked at Westgate in the period between 6 May and their symptom onset date. Part of 62933's phylogenetic cluster. |

| Case | PR date | Occupation | Link | Rationale for Link |
|------------------------|-----------|-------------------------|--|--|
| Number 63276 | 16 May 21 | Accountant | Reclassification Community Unlinked → Community Linked (Cluster 62933) | Reclassification Case visited JEM/Westgate in the period between 6 May and their symptom onset date. Part of 62933's phylogenetic cluster. 63406 is linked to case. |
| 63277 | 16 May 21 | Polytechnic Student | Community Unlinked → Community Linked (Cluster 62933) | Case worked at Westgate in the period between 6 May and their symptom onset date. Part of 62933's phylogenetic cluster |
| 63304 | 16 May 21 | Sales Representative | Community Unlinked → Community Linked (Cluster 62933) | Previously unlinked index of cluster 63304 (3 cases). Case visited JEM/Westgate in the period between 6 May and their symptom onset date. Part of 62933's phylogenetic cluster. |
| 63306 | 16 May 21 | Restaurant Owner | Community Unlinked → Community Linked (Cluster 62933) | Case visited JEM/Westgate in the period between 6 May and their symptom onset date. Part of 62933's phylogenetic cluster. |
| 63347 | 17 May 21 | Office Cleaner | Community Unlinked → Community Linked to Cluster 62873 | Case was likely infected by husband(63459) who works in Terminal 3 as an Aviation Security Officer. |
| 63357 | 17 May 21 | IT Engineer | Community Unlinked → Community Linked (Cluster 62933) | Previously unlinked index of cluster 63357 (16 cases). Case visited JEM/Westgate in the period between 6 May and their symptom onset date. Part of 62933's phylogenetic cluster. |
| 63382 | 18 May 21 | Retiree | Community Unlinked → Community Linked to Cluster 62873 | Case was likely infected by housemate(63458) who works as a lounge attendant in Terminal 3 Ambassador Transit Lounge. |
| 63412 | 18 May 21 | General Worker | Community Unlinked → Community Linked to Cluster 63271 | Case works at at Jin Tai Tong Food Industries Pte. Ltd. |
| 63417 | 18 May 21 | Bank Analyst | Community Unlinked → Community Linked (Cluster 62933) | Case visited JEM/Westgate in the period between 6 May and their symptom onset date. 63508 was linked to him. |

| Case Number | PR date | Occupation | Link Reclassification | Rationale for Link Reclassification |
|----------------|-----------|-------------------------------|---|---|
| 63453 | 20 May 21 | Safe Distancing Ambassador | Community Unlinked → Community Linked (Cluster 62933) | Case worked at Westgate in the period between 6 May and their symptom onset date. |
| 63510 | 21 May 21 | Salesperson | Community Unlinked → Community Linked (Cluster 62933) | Case worked at Westgate in the period between 6 May and their symptom onset date. |
| 63588 | 22 May 21 | Network Engineer | Community Unlinked → Community Linked (Cluster 62933) | Case visited JEM/Westgate in the period between 6 May and their symptom onset date. |
| 63591 | 22 May 21 | Warehouse Manager | Community Unlinked → Community Linked (Cluster 62933) | Case visited JEM/Westgate in the period between 6 May and their symptom onset date. |
| 63593 | 22 May 21 | Kitchen Assistant | Community Unlinked → Community Linked (Cluster 62933) | Case worked at JEM/Westgate in the period between 6 May and their symptom onset date. |

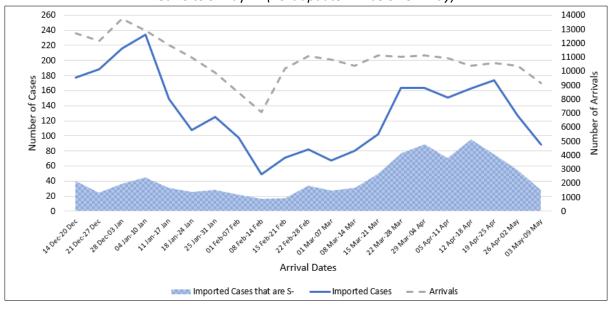
(2) Imported COVID-19 Cases

Figure 2.1: Serology and Symptom Status of Imported Cases Reported from 16 May to 22 May

| Symptoms | S+ | S- | Not Serology Tested | Pending Serology Result | Total No. of Cases |
|--------------|----|----|------------------------|----------------------------|-----------------------|
| Asymptomatic | 52 | 8 | 0 | 1 | 61 |
| Symptomatic | 1 | 2 | 0 | 0 | 3 |
| Total | 53 | 10 | 0 | 1 | 64 |

Figure 2.2: Weekly Total Number of Imported Cases, Imported Cases that are S- and Arrivals from 14

Dec 20 to 9 May 21 (next update will be on 31 May)⁸



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⁸ Data from the past 2 weeks are excluded as arrivals on SHN who arrived in the past 2 weeks may not have their SHN exit test results yet. "Imported Cases that are S-" comprises imported cases who are (a) serology negative; or (b) not tested for serology. "Imported Cases with Ct values 30 and below" have low Ct values which are suggestive of high viral load. Notwithstanding, Ct values should be interpreted with caution along with other epidemiological and clinical factors.

(3) Number of COVID-19 Cases in Hospitals and Community Care Facilities

Figure 3.1: Summary of Confirmed Cases by Status in the Past 14 Days

| Press | _ | Admitted in spitals | | Total R | ecovered | T.1.1 | |
|-----------------|-----|---------------------|------------------------------------|---------------------|--------------------------------|------------------|--------|
| Release Date | ICU | General Wards | In Care Facilities ⁹ | Completed Isolation | Discharged from Hospital | Total Demised | Total |
| 16-May | 2 | 205 | 243 | 57,741 | 3,363 | 31 | 61,585 |
| 17-May | 3 | 210 | 246 | 57,754 | 3,369 | 31 | 61,613 |
| 18-May | 5 | 215 | 266 | 57,765 | 3,369 | 31 | 61,651 |
| 19-May | 5 | 216 | 254 | 57,807 | 3,376 | 31 | 61,689 |
| 20-May | 4 | 236 | 229 | 57,852 | 3,377 | 32 | 61,730 |
| 21-May | 4 | 245 | 247 | 57,861 | 3,381 | 32 | 61,770 |
| 22-May | 5 | 250 | 235 | 57,893 | 3,384 | 32 | 61,799 |
| 23-May | 3 | 239 | 256 | 57,903 | 3,391 | 32 | 61,824 |
| 24-May | 3 | 241 | 268 | 57,920 | 3,396 | 32 | 61,860 |
| 25-May | 2 | 248 | 279 | 57,932 | 3,397 | 32 | 61,890 |
| 26-May | 2 | 240 | 282 | 57,953 | 3,407 | 32 | 61,916 |
| 27-May | 2 | 243 | 291 | 57,965 | 3,407 | 32 | 61,940 |
| 28-May | 3 | 238 | 290 | 57,993 | 3,414 | 32 | 61,970 |
| 29-May | 3 | 223 | 322 | 57,997 | 3,426 | 32 | 62,003 |

⁻

⁹ Community Care Facilities (i.e. D'Resort, EXPO, Tuas South), Private Hospitals (i.e. Concord International Hospital, Mt Elizabeth Hospital, Gleneagles Hospital, Mt Elizabeth Novena Hospital, Parkway East Hospital), Community Hospitals (i.e. Bright Vision Hospital) and other care facilities.

(4) Number of Stay-Home-Notice (SHN) Issued

Figure 4.1: Daily Number of SHN issued (19 Feb 2020 to 28 May 2021)

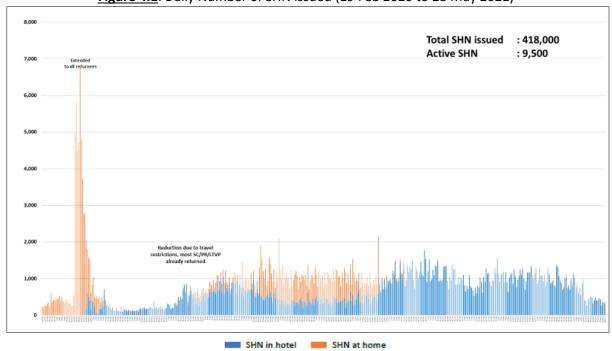
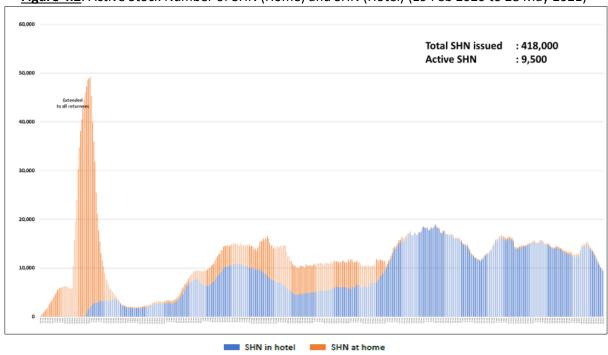


Figure 4.2: Active Stock Number of SHN (Home) and SHN (Hotel) (19 Feb 2020 to 28 May 2021)



(5) Number of Quarantine Orders (QO) Generated

Figure 5.1: Daily Number of QOs Generated

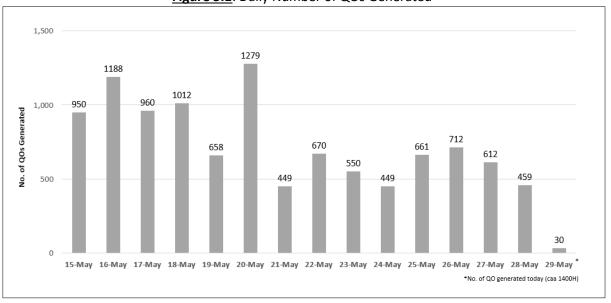


Figure 5.2: Active Number of Persons Under Quarantine (PUQs)

