31 December 2020 Daily Report on COVID-19

(1) Number of COVID-19 Cases

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

Press Release Date	Imported			Non-Imported Cases														All Cases
				Community Cases										Dorm Residents[1]				
	Isolated before Detection	Detected through Surveillance[2]	Sub-Total	Isolated before Detection[3]				Detected through Surveillance[4]				Sub-Total	Incidence Rate[5] (per 100,000)	Isolated before Detection[3]	Detected through Surveillance[4]	No. of Cases	Incidence Rate[5] (per 100,000)	
				SC/PR	G or F	Visitor	Sub-Total	SC/PR	G or F	Visitor	Sub-Total							
Before 18-Dec	1,321	275	1,596	367	265	2	634	993	637	11	1,641	2,275	-	54,506		54,506	-	58,377
18-Dec	9	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
19-Dec	17	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
20-Dec	19	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
21-Dec	9	0	9	0	0	0	0	1	0	0	1	1	0.019	0	0	0	0	10
22-Dec	29	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
23-Dec	21	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
24-Dec	13	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
25-Dec	13	1	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
26-Dec	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
27-Dec	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
28-Dec	4	0	4	0	0	0	0	1	0	0	1	1	0.019	0	0	0	0	5
29-Dec	13	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
30-Dec	24	2	26	0	0	0	0	1	0	0	1	1	0.019	0	0	0	0	27
31-Dec	25	0	25	4	0	0	4	1	0	0	1	5	0.093	0	0	0	0	30
Total since start of outbreak	1,532	278	1,810	371	265	2	638	997	637	11	1,645	2,283	-	54,506		54,506	-	58,599
Population at risk												5,381,000				323,000		5,704,000
Prevalence												0.04%				16.87%		1.03%

<u>Notes</u>

[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.
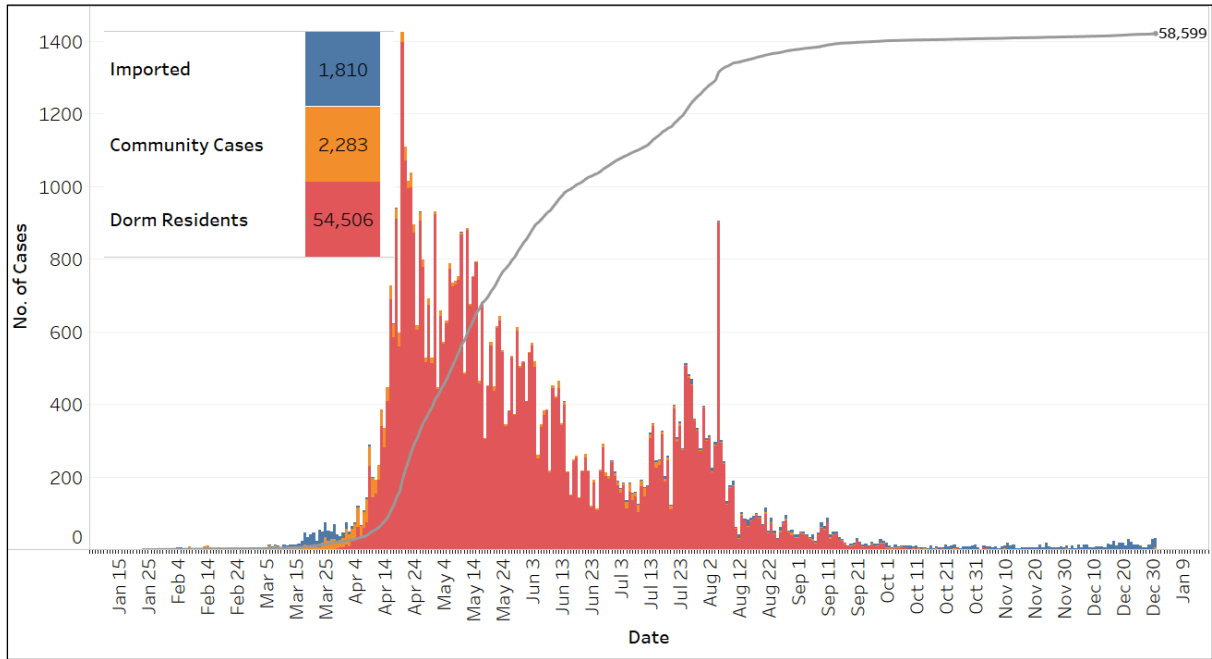
[2] 272 cases were reported before early Apr, and constitute the 1st wave of imported cases. 2 cases in Oct tested negative during his 14-day SHN and was subsequently identified as positive cases through a pre-departure swab test. 1 case in Nov tested negative during his 14-day SHN and was subsequently identified through a swab test during a doctor's consultation.

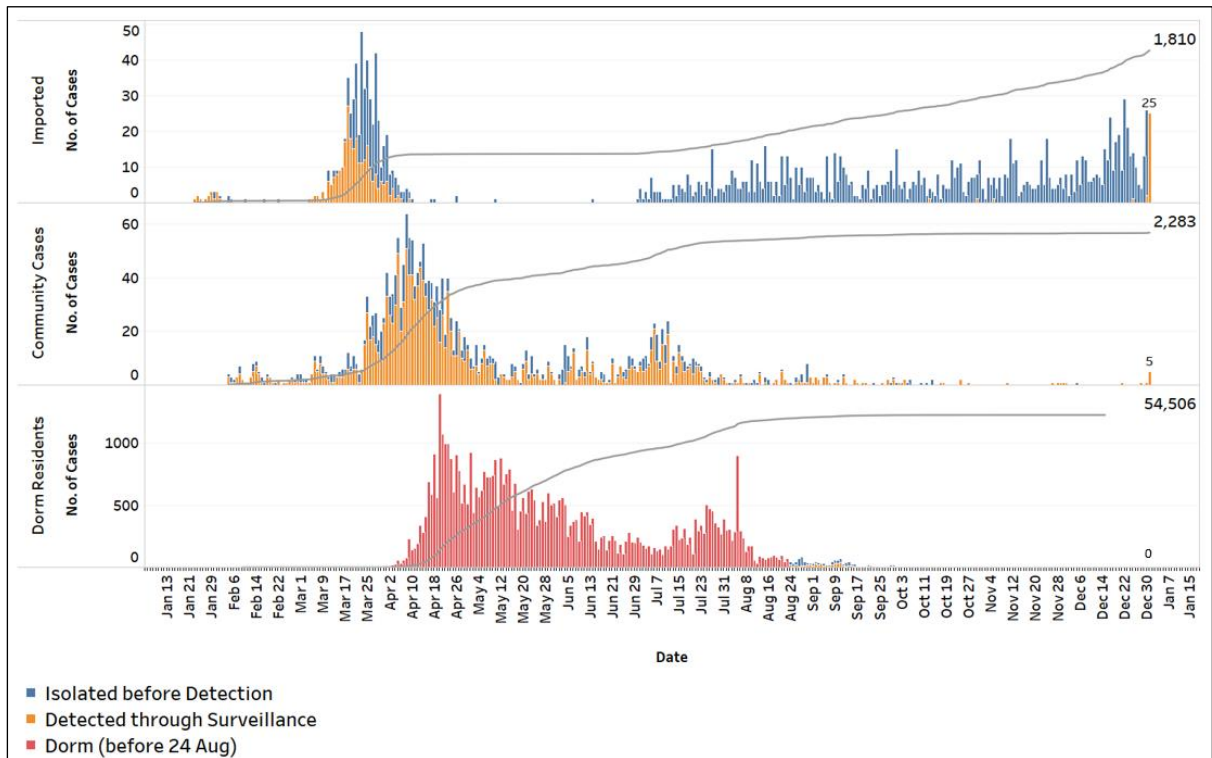[3] Cases who were already quarantined and tested during quarantine to determine their status.

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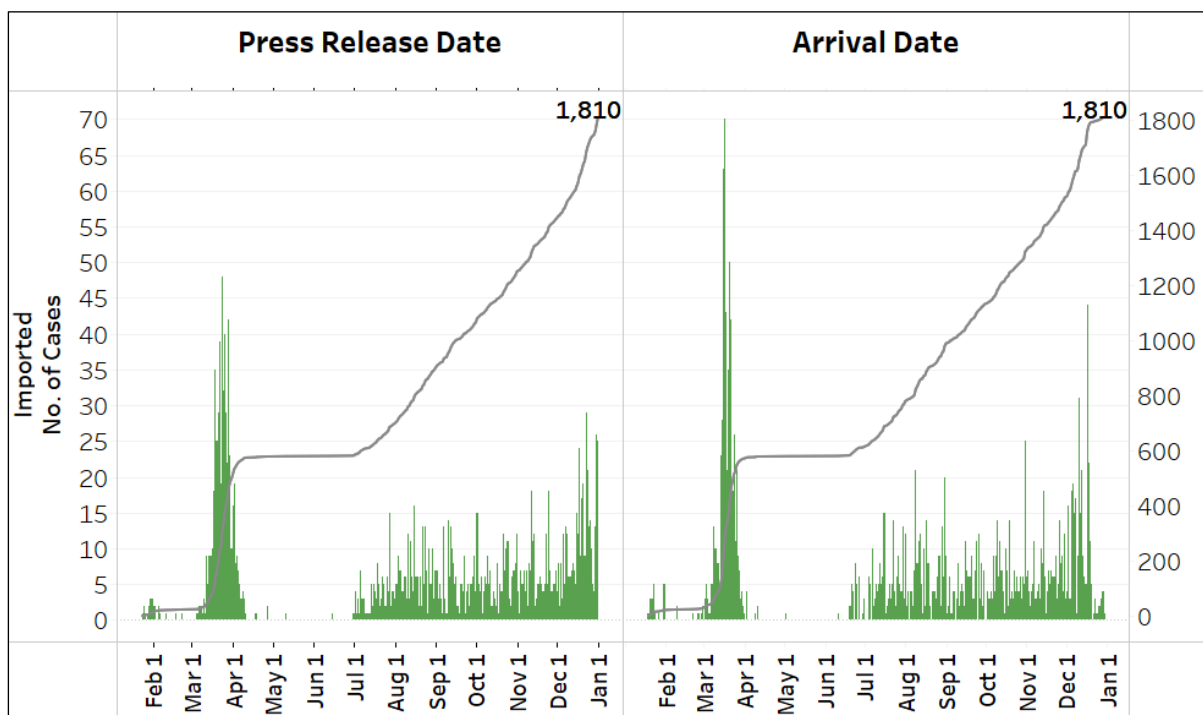
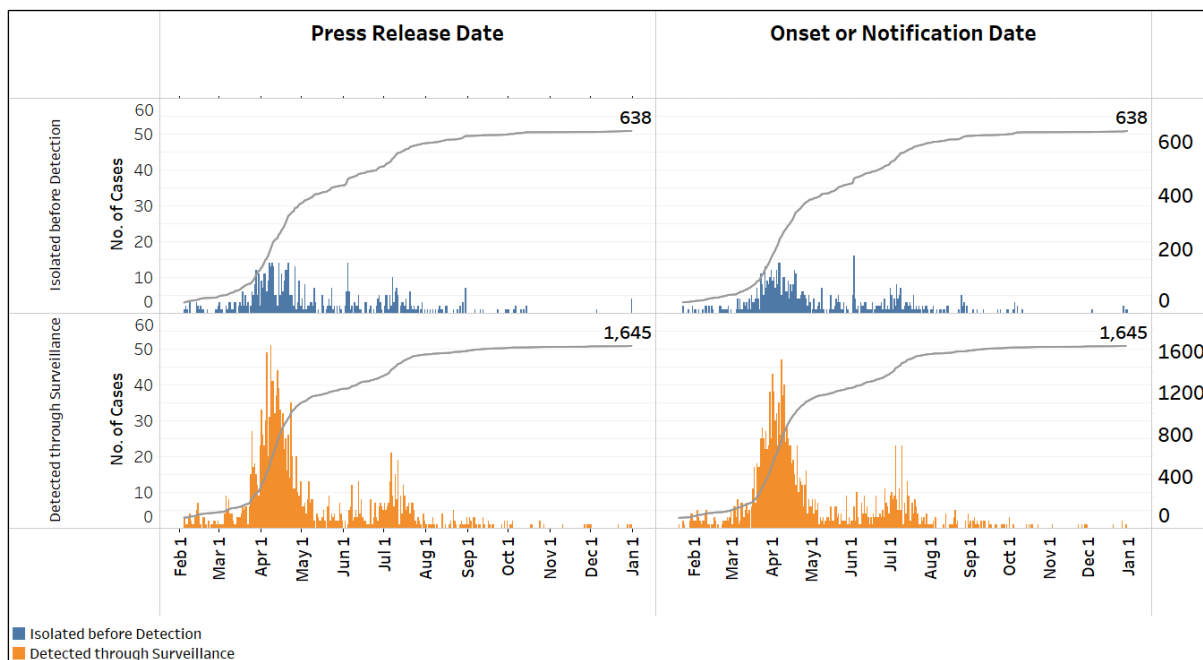**Figure 1.2**: Epidemic Curve of the COVID-19 Outbreak by Press Release Date

Figure 1.3: Epidemic Split Curve of the COVID-19 Outbreak by Press Release Date

Figure 1.4: Epidemic Curve of Imported Cases by Press Release Date (left panel) and Arrival Date (right panel)
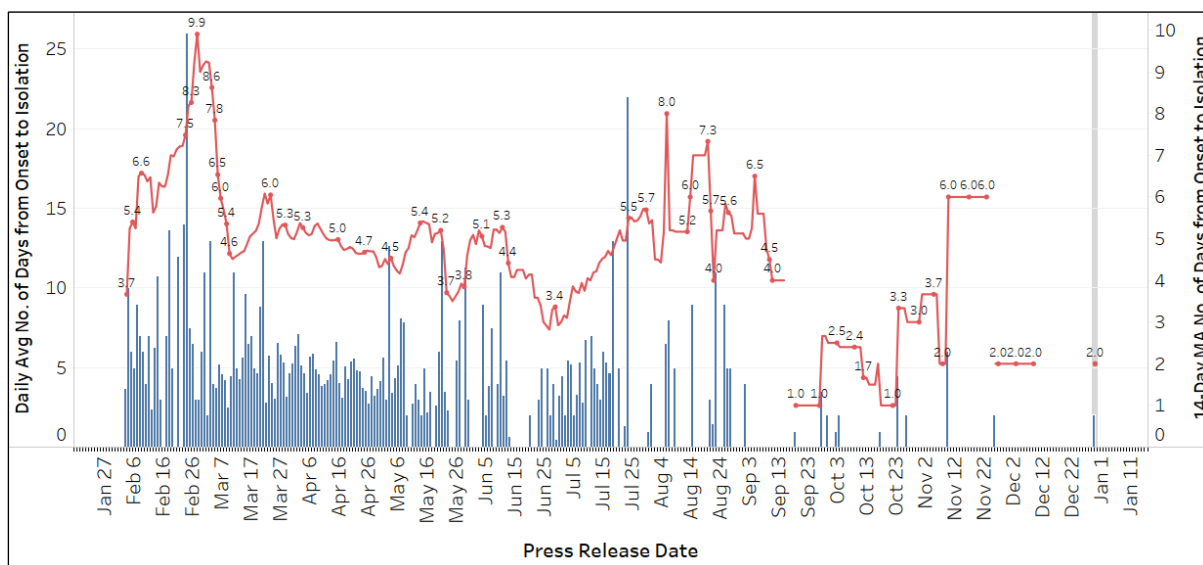

Figure 1.5: Epidemic Curve of Community Cases by Press Release Date (left panel) and by Symptom Onset or Notification Date[6] (right panel)

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[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.

Figure 1.6: Average Number of Days from Onset of Symptoms to Isolation (QO, hospital admission or notification to MOH) for Community Cases Detected through Surveillance in Each Day

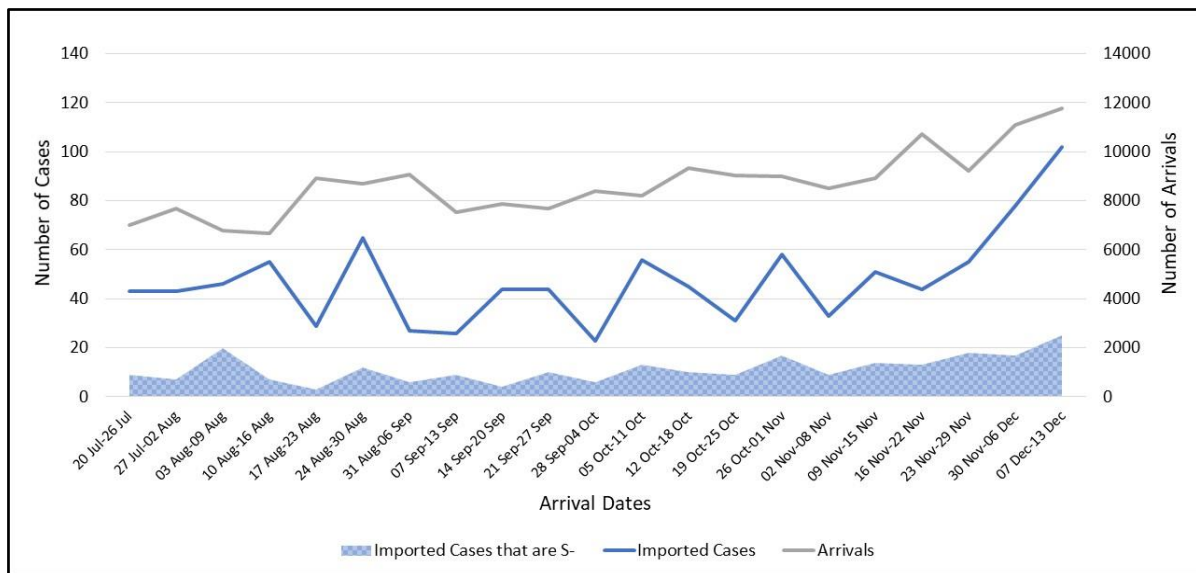*Line represents the 14-day moving average; Bar represents the daily average*[7]

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[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.

(2) Imported COVID-19 Cases

Figure 2.1: Serology and Symptom Status of Imported Cases Reported from 18 Dec to 24 Dec

Symptoms	S+	S-	Not Serology Tested	Pending Serology Result	Total No. of Cases
Asymptomatic	87	15	0	2	104
Symptomatic	4	7	2	0	13
Total	91	22	2	2	117

Figure 2.2: Weekly Total Number of Imported Cases, Imported Cases that are S- and Arrivals from 20 Jul to 13 Dec[8] *(next update will be on 4 Jan)*

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[8] Data from the past 2 weeks are excluded as cases on SHN who arrived in the past 2 weeks may not have their test results yet. "Imported Cases that are S-" comprises imported cases wo are (a) serology negative; or (b) not tested for serology.

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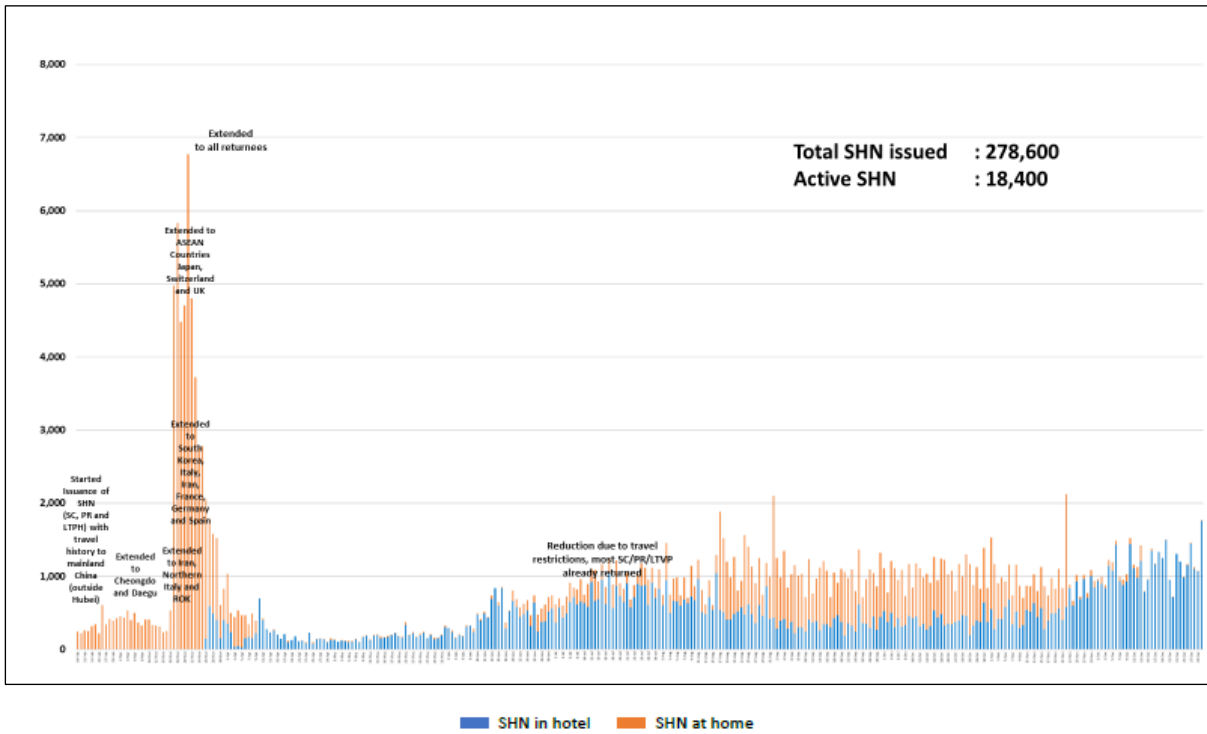**(3) Number of COVID-19 Cases in Hospitals and Community Care Facilities**

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

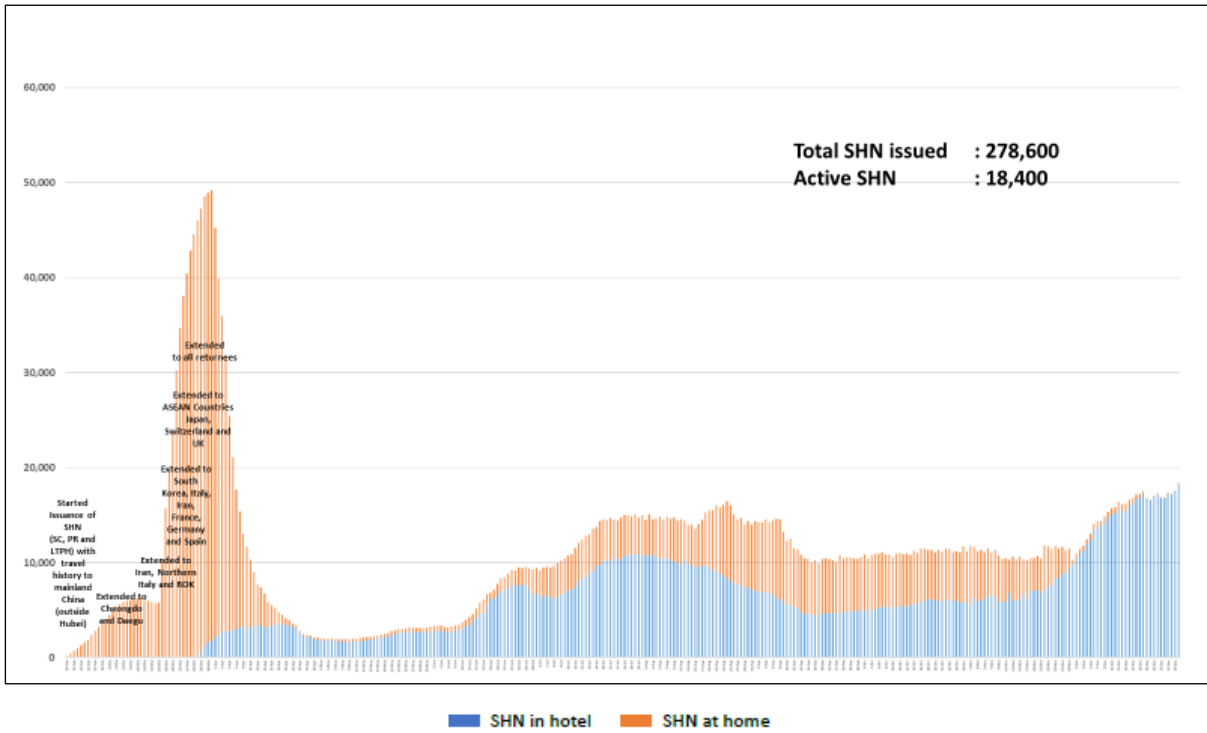| Press Release Date	Currently Admitted in Hospitals		In Care Facilities[9]	Total Recovered		Total Demised	Total
	ICU	General Wards		Completed Isolation	Discharged from Hospital		
18-Dec	0	36	56	55,502	2,763	29	**58,386**
19-Dec	0	38	62	55,507	2,767	29	**58,403**
20-Dec	0	43	71	55,511	2,768	29	**58,422**
21-Dec	0	46	70	55,518	2,769	29	**58,432**
22-Dec	0	47	81	55,528	2,776	29	**58,461**
23-Dec	0	34	97	55,537	2,785	29	**58,482**
24-Dec	0	36	98	55,542	2,790	29	**58,495**
25-Dec	0	31	97	55,558	2,794	29	**58,509**
26-Dec	0	37	91	55,563	2,799	29	**58,519**
27-Dec	0	31	94	55,567	2,803	29	**58,524**
28-Dec	0	35	79	55,579	2,807	29	**58,529**
29-Dec	0	37	76	55,586	2,814	29	**58,542**
30-Dec	0	52	77	55,595	2,816	29	**58,569**
31-Dec	1	56	64	55,622	2,827	29	**58,599**

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[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

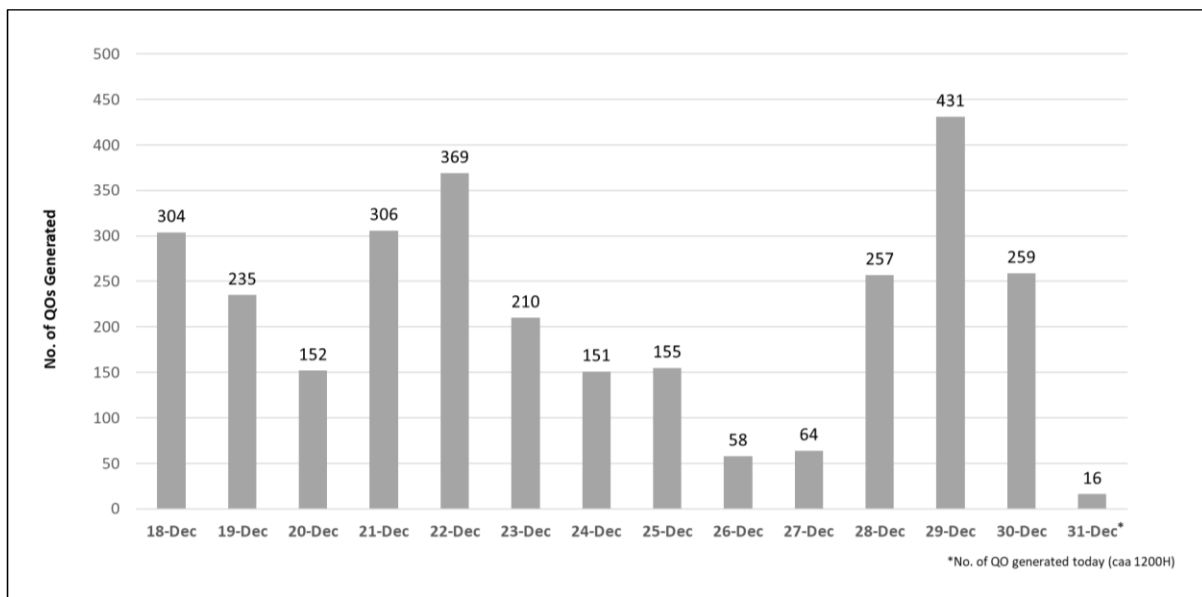**Figure 4.1**: Daily Number of SHN issued (19 Feb to 30 Dec 2020)

Figure 4.2: Active Stock Number of SHN (Home) and SHN (Hotel) (19 Feb to 30 Dec 2020)

(5) Number of Quarantine Orders (QO) Issued

<u>**Figure 5.1**</u>: Daily Number of QOs Issued

<u>**Figure 5.2**</u>: Active Number of Persons Under Quarantine (PUQs)