Supplemental Table 1. Demographic characteristics of individuals testing positive for SARS-CoV-2 in Harris County and Texas Medical Center between April 8, 2020 and June 30, 2021

| Age (years) | Community Residents\(^a\) (N=193,237) | Inpatients\(^b\) (N=30,031) |
|------------|---------------------------------------|-----------------------------|
| <10        | 9,140 (4.7%)                          | 1,398 (4.7%)                |
| 10–19      | 23,508 (12.2%)                        | 1,269 (4.2%)                |
| 20–39      | 71,795 (37.2%)                        | 5,436 (18.1%)               |
| 40–64      | 69,753 (36.1%)                        | 12,414 (41.3%)              |
| 65+        | 18,932 (9.8%)                         | 9,514 (31.7%)               |
| Sex        |                                       |                             |
| Female     | 96,782 (50.1%)                        | 1,814 (6.0%)                |
| Male       | 84,571 (43.2%)                        | 1,895 (6.3%)                |
| Missing/Unknown | 12,884 (6.7%) | 26,322 (87.6%) |
| Race/Ethnicity\(^c\) |                                 |                             |
| Hispanic or Latinos | 70,701 (36.6%) | 12,023 (40.0%) |
| White      | 27,923 (14.5%)                        | 5,821 (19.4%)               |
| Black      | 16,903 (8.7%)                         | 5,280 (17.6%)               |
| Asian      | 6,147 (3.2%)                          | 799 (2.7%)                  |
| American Indian or Alaskan Native | 155 (0.1%) | 42 (0.1%) |
| Other/Unknown | 71,408 (37.0%) | 6,066 (20.2%) |

\(^a\) Residents of Harris County Jurisdiction Area. Community cases include all local SARS-CoV-2 infections; \(^b\) Residents of Harris County Jurisdiction area who were hospitalized and tested positive for SARS-CoV-2 infections; \(^c\) White, Black, and Asian include non-Hispanic individuals self-identifying as noted.
Supplemental Table 2. Demographic characteristics of SARS-CoV-2–positive individuals in Harris County and Texas Medical Center by outbreak waves

### May 12, 2020 – September 6, 2020

|                | Community Residentsa (N=63,026) | Inpatientsb (N=10,494) |
|----------------|----------------------------------|-------------------------|
| **Age (years)**|                                  |                         |
| <10            | 2,063 (3.3%)                     | 607 (5.8%)              |
| 10–19          | 5,574 (8.9%)                     | 488 (4.7%)              |
| 20–39          | 25,646 (40.7%)                   | 1,998 (19.0%)           |
| 40–64          | 23,337 (37.1%)                   | 4,340 (41.4%)           |
| 65+            | 6,349 (10.1%)                    | 3,061 (29.2%)           |
| **Sex**        |                                  |                         |
| Female         | 32,317 (51.3%)                   | 687 (6.5%)              |
| Male           | 27,332 (43.4%)                   | 710 (6.8%)              |
| Missing/Unknown| 3,377 (5.4%)                     | 9,097 (86.7%)           |
| **Race/Ethnicityc** |                                  |                         |
| Hispanic or Latino | 20,016 (31.8%)              | 4,768 (45.4%)           |
| White          | 6,508 (10.3%)                    | 1,489 (14.2%)           |
| Black          | 4,659 (7.4%)                     | 1,877 (17.9%)           |
| Asian          | 1,062 (1.7%)                     | 214 (2.0%)              |
| American Indian or Alaskan Native | 51 (0.1%)           | 12 (0.1%)               |
| Other/Unknown  | 30,730 (48.8%)                   | 2,134 (20.3%)           |

### September 27, 2020 – May 15, 2021

|                | Community Residentsa (N=120,855) | Inpatientsb (N=16,931) |
|----------------|----------------------------------|-------------------------|
| **Age (years)**|                                  |                         |
| <10            | 6,559 (5.4%)                     | 652 (3.9%)              |
| 10–19          | 16,837 (13.9%)                   | 648 (3.8%)              |
| 20–39          | 42,671 (35.3%)                   | 2,829 (16.7%)           |
| 40–64          | 43,087 (35.7%)                   | 6,994 (41.3%)           |
| 65+            | 11,650 (9.6%)                    | 5,808 (34.3%)           |
| **Sex**        |                                  |                         |
| Female         | 59,646 (49.4%)                   | 934 (5.5%)              |
| Male           | 51,985 (43.0%)                   | 972 (5.7%)              |
| Missing/Unknown| 9,224 (7.6%)                     | 15,025 (88.7%)          |
| **Race/Ethnicityc** |                                  |                         |
| Hispanic or Latinx | 47,072 (38.9%)               | 6,220 (36.7%)           |
|                          | Cases      | Hospitalizations |
|--------------------------|------------|------------------|
| White                    | 19,559 (16.2%) | 3,885 (22.9%)   |
| Black                    | 11,002 (9.1%)  | 2,884 (17.0%)   |
| Asian                    | 4,780 (4.0%)   | 533 (3.1%)      |
| American Indian or Alaskan Native | 98 (0.1%)     | 24 (0.1%)       |
| Other/Unknown            | 38,344 (31.7%) | 3,385 (20.0%)   |

*Residents of Harris County Jurisdiction Area. Community cases include all local SARS-CoV-2 infections; b Residents of Harris County Jurisdiction area who were hospitalized and tested positive for SARS-CoV-2 infections; c White, Black, and Asian include non-Hispanic individuals self-identifying as noted. Number of Harris County residents with missing age information: 57 (May 12, 2020 – September 6, 2020) and 51 (September 27, 2020 – May 15, 2021).
Supplemental Figure 1. SARS-CoV-2 growth rate, acceleration and stage among Harris County residents (left) and a subgroup of Harris County residents admitted to Texas Medical Center (TMC) hospitals with a positive SARS-CoV-2 test (right) from March 1, 2020 to March 30, 2022.