

Table 4

Table 1: Counties in which an increase in COVID-19 productivity, over baseline, was found following campaign rallies held by then President Donald Trump during the 2020 United States election cycle

| County | State | Date of Rally | μ_ℓ | k_ℓ | k_ℓ^* | Duration | Cases |
|----------------|-------|---------------|------------|----------|------------|----------|-------|
| Tulsa | OK | 2020-06-20 | 57.43 | 0.00 | 183.40 | 50 | 4274 |
| Blue Earth | MN | 2020-08-17 | 7.01 | 6.25 | 17.07 | 22 | 315 |
| Marathon | WI | 2020-09-17 | 6.69 | 0.12 | 159.75 | 61 | 8602 |
| Beltrami | MN | 2020-09-18 | 1.53 | 0.79 | 29.40 | 87 | 1362 |
| St. Louis | MN | 2020-09-30 | 4.81 | 35.20 | 148.57 | 59 | 4334 |
| Cambria | PA | 2020-10-13 | 4.82 | 1.04 | 124.57 | 64 | 5353 |
| Polk | IA | 2020-10-14 | 34.09 | 58.81 | 431.27 | 40 | 10676 |
| Muskegon | MI | 2020-10-17 | 4.66 | 6.86 | 190.78 | 31 | 4690 |
| Rock | WI | 2020-10-17 | 6.99 | 51.27 | 174.50 | 29 | 2743 |
| Yavapai | AZ | 2020-10-19 | 7.88 | 5.81 | 148.44 | 75 | 3603 |
| Pima | AZ | 2020-10-19 | 38.44 | 24.15 | 818.36 | 95 | 25203 |
| Erie | PA | 2020-10-20 | 10.69 | 0.09 | 154.64 | 69 | 3519 |
| Escambia | FL | 2020-10-23 | 10.26 | 16.70 | 269.84 | 96 | 4023 |
| Pickaway | OH | 2020-10-24 | 2.89 | 13.09 | 50.20 | 79 | 834 |
| Waukesha | WI | 2020-10-24 | 11.92 | 161.38 | 883.63 | 30 | 18765 |
| Hillsborough | NH | 2020-10-25 | 24.82 | 0.49 | 254.46 | 88 | 5159 |
| Lehigh | PA | 2020-10-26 | 23.22 | 0.17 | 262.07 | 81 | 7509 |
| Lancaster | PA | 2020-10-26 | 37.49 | 12.67 | 291.96 | 65 | 4260 |
| Blair | PA | 2020-10-26 | 3.57 | 14.19 | 122.92 | 53 | 3527 |
| Clinton | MI | 2020-10-27 | 10.66 | 3.79 | 101.86 | 20 | 1627 |
| La Crosse | WI | 2020-10-27 | 5.59 | 41.96 | 146.63 | 16 | 1346 |
| Douglas | NE | 2020-10-27 | 25.29 | 203.08 | 787.79 | 25 | 11056 |
| Mohave | AZ | 2020-10-28 | 6.75 | 0.06 | 182.05 | 81 | 6510 |
| Oakland | MI | 2020-10-30 | 124.66 | 73.24 | 1257.86 | 17 | 15555 |
| Olmsted | MN | 2020-10-30 | 7.55 | 23.08 | 169.99 | 22 | 2313 |
| Bucks | PA | 2020-10-31 | 47.23 | 0.19 | 355.42 | 52 | 6205 |
| Berks | PA | 2020-10-31 | 50.76 | 37.22 | 274.95 | 77 | 3242 |
| Butler | PA | 2020-10-31 | 15.57 | 5.36 | 147.12 | 57 | 3773 |
| Lycoming | PA | 2020-10-31 | 6.57 | 0.83 | 94.47 | 59 | 2872 |
| Macomb | MI | 2020-11-01 | 141.74 | 75.83 | 1059.51 | 13 | 10415 |
| Catawba | NC | 2020-11-01 | 7.35 | 45.56 | 132.87 | 82 | 1052 |
| Miami-Dade | FL | 2020-11-01 | 351.71 | 165.67 | 2312.79 | 75 | 67006 |
| Grand Traverse | MI | 2020-11-02 | 6.93 | 10.29 | 57.94 | 29 | 570 |
| Kenosha | WI | 2020-11-02 | 5.03 | 74.82 | 204.56 | 20 | 1629 |