**Appendix**: Descriptive Statistics Stratified by Cities and Settlements in Israel

| Number | Cities and Settlements | Population Rank-Size Distribution | Population (2018) | Infected from Population | Population Density | Socio-Economic Ranking | Gini Index |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Jerusalem | 1 | 919,438 | 0.0039742 | 7,186 | 2 | 0.431 |
| 2 | Tel Aviv | 2 | 451,523 | 0.001227 | 8,565 | 8 | 0.4773 |
| 3 | Haifa | 3 | 283,640 | 0.0006029 | 4,346 | 7 | 0.4745 |
| 4 | Rishon LeTsion | 4 | 251,719 | 0.000874 | 4,246 | 7 | 0.4202 |
| 5 | Petach Tikva | 5 | 244,275 | 0.0011954 | 6,730 | 7 | 0.4204 |
| 6 | Ashdod | 6 | 224,628 | 0.0012777 | 4,832 | 5 | 0.4169 |
| 7 | Netanya | 7 | 217,244 | 0.0008194 | 7,373 | 6 | 0.4252 |
| 8 | Be’er Sheva | 8 | 209,002 | 0.0008899 | 1,770 | 5 | 0.4303 |
| 9 | Benei Berak | 9 | 198,863 | 0.0146332 | 26,512 | 2 | 0.4043 |
| 10 | Holon | 10 | 194,273 | 0.000942 | 10,105 | 7 | 0.4043 |
| 11 | Ramat Gan | 11 | 159,159 | 0.0012001 | 9,530 | 8 | 0.4448 |
| 12 | Rehovot | 12 | 141,579 | 0.00089 | 5,835 | 7 | 0.4364 |
| 13 | Ashkelon | 13 | 140,968 | 0.0018657 | 3,000 | 5 | 0.4117 |
| 14 | Bat Yam | 14 | 128,774 | 0.00139 | 15,772 | 5 | 0.3649 |
| 15 | Beit Shemesh | 15 | 118,676 | 0.0043733 | 2,958 | 2 | 0.4336 |
| 16 | Kefar Saba | 16 | 100,763 | 0.0007344 | 6,897 | 8 | 0.4588 |
| 17 | Herzeliya | 17 | 95,142 | 0.0011141 | 4,318 | 8 | 0.4897 |
| 18 | Hadera | 17 | 95,683 | 0.000533 | 1,856 | 6 | 0.4073 |
| 19 | Modiin | 19 | 92,406 | 0.0013094 | 1,889 | 8 | 0.4346 |
| 20 | Nazareth | 20 | 77,064 | 0.0002465 | 5,417 | 3 | 0.3882 |
| 21 | Ramla | 21 | 75,538 | 0.0008075 | 6,282 | 4 | 0.3478 |
| 22 | Lod | 22 | 75,726 | 0.0011753 | 6,170 | 3 | 0.3597 |
| 23 | Raanana | 23 | 73,999 | 0.0019054 | 4,912 | 8 | 0.4958 |
| 24 | Modi’in Illit | 24 | 73,080 | 0.0056513 | 14,513 | 1 | 0.3846 |
| 25 | Rahat | 25 | 69,032 | 0.0009126 | 3,403 | 1 | 0.3356 |
| 26 | Hod Hasharon | 27 | 62,325 | 0.0006899 | 3,149 | 8 | 0.4742 |
| 27 | Givaataim | 28 | 60,212 | 0.0007141 | 18,308 | 8 | 0.4377 |
| 28 | Kiryat Ata | 29 | 58,267 | 0.0004291 | 3,523 | 6 | 0.4127 |
| 29 | Beitar I’lit | 32 | 56,746 | 0.005181 | 11,098 | 1 | 0.3781 |
| 30 | Umm al Fahm | 33 | 55,182 | 0.0014497 | 2,080 | 2 | 0.3846 |
| 31 | Kiryat Gat | 34 | 54,973 | 0.0009823 | 3,363 | 4 | 0.3737 |
| 32 | Eilat | 35 | 51,935 | 0.0004814 | 513 | 6 | 0.3662 |
| 33 | Rosh Ha’ain | 36 | 56,344 | 0.0009584 | 3,188 | 7 | 0.4199 |
| 34 | Afula | 37 | 51,737 | 0.0012564 | 1,679 | 5 | 0.3946 |
| 35 | Nes Ziona | 38 | 50,214 | 0.000478 | 3,121 | 8 | 0.4356 |
| 36 | Acre | 39 | 48,930 | 0.0005722 | 3,387 | 4 | 0.3785 |
| 37 | El’ad | 40 | 47,866 | 0.0080851 | 13,516 | 2 | 0.3895 |
| 38 | Ramat Hasharon | 41 | 46,720 | 0.001006 | 2,768 | 9 | 0.5167 |
| 39 | Karmiel | 42 | 46,124 | 0.0011491 | 2,093 | 6 | 0.4087 |
| 40 | Yavne | 43 | 46,705 | 0.0008136 | 2,790 | 7 | 0.4177 |
| 41 | Tiberias | 44 | 44,234 | 0.0037754 | 2,684 | 4 | 0.395 |
| 42 | Tayibe | 45 | 43,127 | 0.0011362 | 2,247 | 3 | 0.3814 |
| 43 | Pardes Hanna-Karkur | 48 | 42,083 | 0.0004277 | 1,825 | 7 | 0.4445 |
| 44 | Nof Hagalil | 51 | 41,169 | 0.0008016 | 1,230 | 5 | 0.3848 |
| 45 | Kiriat Yam | 52 | 39,909 | 0.0007267 | 8,668 | 5 | 0.3975 |
| 46 | Kiryat Bialik | 53 | 39,927 | 0.0004258 | 4,675 | 7 | 0.4203 |
| 47 | Kiryat Ono | 54 | 39,986 | 0.0013005 | 8,678 | 8 | 0.4584 |
| 48 | Ma’ale Adumim | 56 | 38,193 | 0.0013615 | 813 | 6 | 0.3857 |
| 49 | Or Yehuda | 57 | 36,864 | 0.0039334 | 5,478 | 6 | 0.392 |
| 50 | Zefat | 58 | 35,715 | 0.002016 | 1,177 | 2 | 0.4245 |
| 51 | Netivot | 59 | 35,631 | 0.0028346 | 3,330 | 3 | 0.3876 |
| 52 | Dimona | 60 | 34,135 | 0.0008496 | 195 | 4 | 0.4258 |
| 53 | Tamra | 61 | 33,851 | 0.0006499 | 1,139 | 2 | 0.3663 |
| 54 | Sakhnin | 64 | 31,057 | 0.0005474 | 3,106 | 3 | 0.392 |
| 55 | Yahud | 66 | 29,930 | 0.0026729 | 5,940 | 8 | 0.4496 |
| 56 | Baqa al-Gharbiyye | 67 | 29,393 | 0.0006804 | 3,201 | 3 | 0.3685 |
| 57 | Ofakim | 70 | 29,021 | 0.0015506 | 2,715 | 3 | 0.3799 |
| 58 | Gedera | 71 | 28,092 | 0.0019579 | 2,410 | 7 | 0.4257 |
| 59 | Givat Shmuel | 73 | 26,023 | 0.0016524 | 10,118 | 8 | 0.4579 |
| 60 | Arad | 75 | 26,451 | 0.0007183 | 249 | 4 | 0.4206 |
| 61 | Migdal Ha’emek | 76 | 25,636 | 0.0038227 | 2,903 | 4 | 0.3758 |
| 62 | Sderot | 77 | 26,455 | 0.0012096 | 3,984 | 5 | 0.3767 |
| 63 | Mevaseret Zion | 80 | 23,962 | 0.000626 | 3,807 | 8 | 0.4716 |
| 64 | Gan Yavne | 83 | 23,752 | 0.0011367 | 2,054 | 7 | 0.416 |
| 65 | Zichron Yaakov | 87 | 23,075 | 0.0016035 | 728 | 8 | 0.5097 |
| 66 | Beer Yaakov | 88 | 26,122 | 0.0008422 | 2,663 | 7 | 0.3796 |
| 67 | Kiryat Shemona | 89 | 22,625 | 0.000663 | 1,566 | 5 | 0.3746 |
| 68 | Yokneam Ilit | 90 | 23,311 | 0.0007293 | 2,765 | 7 | 0.4185 |
| 69 | Kefar Kasem | 90 | 23,241 | 0.0007315 | 2,423 | 3 | 0.3497 |
| 70 | Kefar Yona | 92 | 23,060 | 0.0006938 | 1,984 | 7 | 0.4193 |
| 71 | Kiryat Mal’achi | 94 | 23,124 | 0.0024217 | 4,912 | 3 | 0.3615 |
| 72 | Kadima-Zoran | 96 | 22,490 | 0.000667 | 2,151 | 8 | 0.4581 |
| 73 | Kefar Kenna | 96 | 22,399 | 0.0007143 | 2,189 | 2 | 0.3864 |
| 74 | Tirat Ha’carmel | 98 | 22,210 | 0.0008104 | 3,598 | 5 | 0.3862 |
| 75 | Shoham | 100 | 20,990 | 0.0016675 | 2,903 | 9 | 0.4585 |
| 76 | Hura | 101 | 21,558 | 0.0063549 | 2,388 | 1 | 0.345 |
| 77 | Ganei Tikva | 111 | 19,263 | 0.0024399 | 8,667 | 8 | 0.4558 |
| 78 | Givat Ada | 116 | 17,922 | 0.0030131 | 3,879 | 5 | 0.4178 |
| 79 | Ar’ara (Negev) | 119 | 17,640 | 0.0013039 | 1,217 | 1 | 0.347 |
| 80 | Majed-El-Krum | 124 | 15,292 | 0.0013079 | 1,624 | 2 | 0.3489 |
| 81 | Jisr az-Zarqa | 128 | 14,692 | 0.0029948 | 8,944 | 2 | 0.2745 |
| 82 | Even Yehuda | 132 | 13,700 | 0.0022628 | 1,661 | 8 | 0.4987 |
| 83 | Azur | 144 | 12,854 | 0.0024895 | 5,747 | 7 | 0.3925 |
| 84 | Dir-El-Asad | 147 | 12,348 | 0.0123097 | 2,300 | 3 | 0.3723 |
| 85 | Rechasim | 150 | 12,110 | 0.0033031 | 3,631 | 2 | 0.4277 |
| 86 | Gat | 152 | 11,798 | 0.0019495 | 1,650 | 4 | 0.3812 |
| 87 | Efrat | 171 | 10,088 | 0.0063442 | 1,402 | 6 | 0.4622 |
| 88 | Ba’ana | 180 | 8,299 | 0.0040969 | 2,362 | 2 | 0.3792 |
| 89 | Kazrin | 199 | 7,132 | 0.0021032 | 757 | 5 | 0.3747 |
| 90 | Pki’in (Buke’ia) | 215 | 5,815 | 0.0025795 | 1,007 | 5 | 0.3966 |
| 91 | Mizpe Ramon | 219 | 5,221 | 0.0049799 | 67 | 3 | 0.4101 |
| 92 | Kiryat Yearim | 224 | 5,565 | 0.0070081 | 9,600 | 2 | 0.4379 |
| 93 | Yavneel | 226 | 4,294 | 0.0041919 | 138 | 3 | 0.4624 |
| 94 | Harish | 234 | 7,569 | 0.0021139 | 514 | 3 | 0.3979 |
| 95 | Immanuel | 239 | 3,693 | 0.0040617 | 675 | 2 | 0.381 |

Notes: The sample includes 95 cities and settlements in Israel. Cities and settlements with fewer than 15 infected persons were excluded from the sample.