COVID-19 mortality by smoking status

|  | | Recovered | | | | | | | Died | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Author | Population with mortality | N (%) | Current smoker (%) | Former smoker (%) | Current/former smoker (%) | Never smoker (%) | Never/unknown smoker (%) | Not stated (%) | N (%) | Current smoker (%) | Former smoker (%) | Current/former smoker (%) | Never smoker (%) | Never/unknown smoker (%) | Not stated (%) |
| Chen | 274 | 161 (58%) | 5 (3.11%) | 5 (3.11%) | - | - | - | 151 (93.79%) | 113 (41%) | 7 (6.19%) | 2 (1.77%) | - | - | - | 104 (92.04%) |
| Zhou, Yu | 191 | 137 (71%) | 6 (4.38%) | - | - | - | - | 131 (95.62%) | 54 (28%) | 5 (9.26%) | - | - | - | - | 49 (90.74%) |
| Yang, Yu | 52 | 20 (38%) | 2 (10.00%) | - | - | - | 18 (90.00%) | - | 32 (61%) | - | - | - | - | 32 (100.00%) | - |
| Borobia | 2,226 | 1766 (79%) | 113 (6.40%) | - | - | - | - | 1653 (93.60%) | 460 (20%) | 44 (9.57%) | - | - | - | - | 416 (90.43%) |
| Giacomelli | 233 | 185 (79%) | - | - | 53 (28.65%) | 132 (71.35%) | - | - | 48 (20%) | - | - | 17 (35.42%) | 31 (64.58%) | - | 0 (0.00%) |
| Yao | 108 | 96 (88%) | 1 (1.04%) | - | - | - | - | 95 (98.96%) | 12 (11%) | 3 (25.00%) | - | - | - | - | 9 (75.00%) |
| Carillo-Vega | 9,946 | 8983 (90%) | 795 (8.85%) | - | - | - | - | 8188 (91.15%) | 963 (9%) | 99 (10.28%) | - | - | - | - | 864 (89.72%) |
| Ge | 51 | 39 (76%) | 6 (15.38%) | - | - | - | - | 33 (84.62%) | 12 (23%) | 1 (8.33%) | - | - | - | - | 11 (91.67%) |
| Chen, Jiang | 135 | NA (NA%) | - | - | - | - | - | - | 31 (22%) | - | - | 4 (12.90%) | - | - | 27 (87.10%) |
| Heili-Frades | 4,712 | 4086 (86%) | 210 (5.14%) | 659 (16.13%) | - | - | 3217 (78.73%) | - | 626 (13%) | 23 (3.67%) | 161 (25.72%) | - | - | 442 (70.61%) | - |
| Kim, Garg | 2,490 | 2070 (83%) | 128 (6.18%) | 481 (23.24%) | - | - | 1461 (70.58%) | - | 420 (16%) | 22 (5.24%) | 161 (38.33%) | - | - | 236 (56.19%) | - |
| Al-Hindawi | 31 | 15 (48%) | 0 (0.00%) | 10 (66.67%) | - | 5 (33.33%) | - | - | 16 (51%) | 1 (6.25%) | 12 (75.00%) | - | 3 (18.75%) | - | - |
| Louis | 22 | 16 (72%) | - | - | 7 (43.75%) | - | - | 9 (56.25%) | 6 (27%) | - | - | 3 (50.00%) | - | - | 3 (50.00%) |
| Soto-Mota | 400 | 200 (50%) | - | - | 23 (11.50%) | - | - | 177 (88.50%) | 200 (50%) | - | - | 25 (12.50%) | - | - | 175 (87.50%) |
| Garibaldi | 747 | 634 (84%) | 36 (5.68%) | 129 (20.35%) | - | - | - | 469 (73.97%) | 113 (15%) | 6 (5.31%) | 36 (31.86%) | - | - | - | 71 (62.83%) |
| Docherty | 13,364 | 8199 (61%) | 370 (4.51%) | 1832 (22.34%) | - | 4179 (50.97%) | - | 1818 (22.17%) | 5165 (38%) | 214 (4.14%) | 1350 (26.14%) | - | 2105 (40.76%) | - | 1496 (28.96%) |
| Kuderer | 928 | 807 (86%) | 38 (4.71%) | 262 (32.47%) | - | 425 (52.66%) | - | 31 (3.84%) | 121 (13%) | 5 (4.13%) | 64 (52.89%) | - | 44 (36.36%) | - | 2 (1.65%) |
| Ramlall | 11,116 | 10498 (94%) | - | - | 2771 (26.40%) | 7727 (73.60%) | - | - | 618 (5%) | - | - | 208 (33.66%) | 410 (66.34%) | - | - |
| Wang, Oekelen | 57 | 43 (75%) | - | - | 14 (32.56%) | - | - | 29 (67.44%) | 14 (24%) | - | - | 7 (50.00%) | - | - | 7 (50.00%) |
| Martinez-Portilla | 224 | 217 (96%) | - | - | 7 (3.23%) | - | - | 210 (96.77%) | 7 (3%) | - | - | 0 (0.00%) | - | - | 7 (100.00%) |
| Cen | 1,007 | 964 (95%) | - | - | 87 (9.02%) | - | - | 877 (90.98%) | 43 (4%) | - | - | 1 (2.33%) | - | - | 42 (97.67%) |
| Klang | 3,406 | 2270 (66%) | - | - | 492 (21.67%) | - | - | 1778 (78.33%) | 1136 (33%) | - | - | 301 (26.50%) | - | - | 835 (73.50%) |
| Wang, Zhong | 5,510 | 4874 (88%) | 247 (5.07%) | 1083 (22.22%) | - | 3544 (72.71%) | - | - | 636 (11%) | 28 (4.40%) | 214 (33.65%) | - | 394 (61.95%) | - | - |
| Miyara | 338 | 211 (62%) | 13 (6.16%) | 58 (27.49%) | - | 141 (66.82%) | - | - | 46 (13%) | 1 (2.17%) | 23 (50.00%) | - | 21 (45.65%) | - | - |
| Rajter | 255 | 209 (81%) | - | - | 28 (13.40%) | 181 (86.60%) | - | - | 53 (20%) | - | - | 18 (33.96%) | 28 (52.83%) | - | - |
| Zeng | 1,031 | 866 (84%) | - | - | 69 (7.97%) | - | - | 797 (92.03%) | 165 (16%) | - | - | 36 (21.82%) | - | - | 129 (78.18%) |
| Chen, Yu | 1,859 | 1651 (88%) | 32 (1.94%) | 54 (3.27%) | - | 1565 (94.79%) | - | - | 208 (11%) | 13 (6.25%) | 12 (5.77%) | - | 183 (87.98%) | - | - |
| Garassino | 190 | 124 (65%) | - | - | 92 (74.19%) | 32 (25.81%) | - | - | 66 (34%) | - | 61 (92.42%) | - | 5 (7.58%) | - | - |
| Gu | 884 | 864 (97%) | 40 (4.63%) | 250 (28.94%) | - | 219 (25.35%) | - | - | 20 (2%) | 0 (0.00%) | 14 (70.00%) | - | 6 (30.00%) | - | - |
| Zhou, He | - | NA (NA%) | - | - | - | - | - | - | NA (NA%) | - | - | - | - | - | - |
| Sigel | 88 | 70 (79%) | - | - | 37 (52.86%) | - | - | 33 (47.14%) | 18 (20%) | - | - | 11 (61.11%) | - | - | 7 (38.89%) |
| Nguyen | 356 | 308 (86%) | - | - | 91 (29.55%) | - | - | 217 (70.45%) | 45 (12%) | - | - | 23 (51.11%) | - | - | 22 (48.89%) |
| de Souza | 8,443 | 7826 (92%) | - | - | 95 (1.21%) | - | 7571 (96.74%) | 160 (2.04%) | 617 (7%) | - | - | 47 (7.62%) | - | 560 (90.76%) | 10 (1.62%) |
| Mendy | 532 | 663 (124%) | - | - | 160 (24.13%) | - | - | 502 (75.72%) | 26 (4%) | - | - | 10 (38.46%) | - | - | 16 (61.54%) |
| Shi, Resurreccion | 256 | 210 (82%) | - | - | 128 (60.95%) | - | - | 82 (39.05%) | 46 (17%) | - | - | 26 (56.52%) | - | - | 20 (43.48%) |
| Xie | 619 | 591 (95%) | - | - | 43 (7.28%) | - | - | 548 (92.72%) | 28 (4%) | - | - | 8 (28.57%) | - | - | 20 (71.43%) |
| Fox | 54 | 35 (64%) | 1 (2.86%) | 4 (11.43%) | - | 18 (51.43%) | - | 12 (34.29%) | 19 (35%) | 0 (0.00%) | 2 (10.53%) | - | 12 (63.16%) | - | 5 (26.32%) |
| Zhang, Cao | 289 | 240 (83%) | 10 (4.17%) | 6 (2.50%) | - | - | - | 224 (93.33%) | 49 (16%) | 4 (8.16%) | 8 (16.33%) | - | - | - | 37 (75.51%) |
| Gupta | 496 | 255 (51%) | - | - | 15 (5.88%) | - | 80 (31.37%) | 160 (62.75%) | 241 (48%) | - | - | 21 (8.71%) | 77 (31.95%) | - | 143 (59.34%) |
| Soares | 1,152 | 696 (60%) | 38 (5.46%) | - | - | - | 658 (94.54%) | - | 456 (39%) | 39 (8.55%) | - | - | - | 417 (91.45%) | - |
| Thompson | 470 | 301 (64%) | 39 (12.96%) | 79 (26.25%) | - | 183 (60.80%) | - | - | 169 (35%) | 27 (15.98%) | 49 (28.99%) | - | 93 (55.03%) | - | - |
| Bernaola | 1,645 | 1382 (84%) | 35 (2.53%) | 146 (10.56%) | - | 1201 (86.90%) | - | - | 263 (15%) | 6 (2.28%) | 33 (12.55%) | - | 218 (82.89%) | - | - |
| Islam | 654 | 631 (96%) | 103 (16.32%) | - | - | - | - | 507 (80.35%) | 23 (3%) | 3 (13.04%) | - | - | - | - | - |
| Philipose | 466 | 267 (57%) | 19 (7.12%) | 204 (76.40%) | - | 44 (16.48%) | - | - | 199 (42%) | 9 (4.52%) | 137 (68.84%) | - | 33 (16.58%) | - | 20 (10.05%) |
| Fillmore | 1,794 | 1566 (87%) | 408 (26.05%) | 758 (48.40%) | - | 279 (17.82%) | - | 98 (6.26%) | 228 (12%) | 44 (19.30%) | 141 (61.84%) | - | 43 (18.86%) | - | 23 (10.09%) |
| Pan | 3,536 | 3302 (93%) | - | - | 862 (26.11%) | - | - | 2440 (73.89%) | 234 (6%) | - | - | 82 (35.04%) | - | - | 152 (64.96%) |
| Zhao, Chen | 474 | 398 (83%) | 87 (21.86%) | - | - | - | - | 311 (78.14%) | 82 (17%) | 36 (43.90%) | - | - | - | - | 46 (56.10%) |
| Holman | 10,989 | NA (NA%) | - | - | - | - | - | - | 10989 (100%) | 609 (5.54%) | 4684 (42.62%) | - | 5386 (49.01%) | - | 310 (2.82%) |
| Chand | 300 | 143 (47%) | 23 (16.08%) | - | - | - | - | 120 (83.92%) | 157 (52%) | 44 (28.03%) | - | - | - | - | 113 (71.97%) |
| Oliveira | 131 | 105 (80%) | - | - | 16 (15.24%) | - | 83 (79.05%) | 6 (5.71%) | 26 (19%) | - | - | 7 (26.92%) | - | 17 (65.38%) | - |
| Vilar, Garcia | 328,892 | 316605 (96%) | 71215 (22.49%) | - | - | - | - | 245390 (77.51%) | 12287 (3%) | 3103 (25.25%) | - | - | - | - | 9184 (74.75%) |
| Ibarra, Nava | 416,546 | 370038 (88%) | 27001 (7.30%) | - | - | - | - | 343037 (92.70%) | 46508 (11%) | 3817 (8.21%) | - | - | - | - | 426791 (917.67%) |
| Rubio-Rivas | 186 | 147 (79%) | 7 (4.76%) | 32 (21.77%) | - | 108 (73.47%) | - | - | 39 (20%) | 1 (2.56%) | 6 (15.38%) | - | 32 (82.05%) | - | - |
| Ren | 432 | 289 (66%) | 25 (8.65%) | - | - | 264 (91.35%) | - | - | 143 (33%) | 18 (12.59%) | - | 125 (87.41%) | - | - | - |
| Ullah | 212 | 158 (74%) | 22 (13.92%) | 67 (42.41%) | - | 63 (39.87%) | - | 6 (3.80%) | 54 (25%) | 2 (3.70%) | 35 (64.81%) | - | 17 (31.48%) | - | 0 (0.00%) |
| Dashti | 3,401 | 2892 (85%) | 190 (6.57%) | 689 (23.82%) | - | 1756 (60.72%) | - | 257 (8.89%) | 509 (14%) | 20 (3.93%) | 171 (33.60%) | - | 164 (32.22%) | - | 154 (30.26%) |
| Nicholson | 1,040 | 829 (79%) | 70 (8.44%) | 163 (19.66%) | - | 320 (38.60%) | - | 276 (33.29%) | 211 (20%) | 16 (7.58%) | 68 (32.23%) | - | 65 (30.81%) | - | 62 (29.38%) |
| Kalan | 193 | 188 (97%) | 14 (7.45%) | - | - | 162 (86.17%) | - | 12 (6.38%) | 5 (2%) | 0 (0.00%) | - | - | 2 (40.00%) | - | 3 (60.00%) |
| Incerti | 13,658 | 11495 (84%) | 785 (6.83%) | 2450 (21.31%) | - | 5450 (47.41%) | 2810 (24.45%) | - | 2163 (15%) | 81 (3.74%) | 642 (29.68%) | - | 757 (35.00%) | 683 (31.58%) | - |
| Ioannou | 10,131 | 9033 (89%) | 1054 (11.67%) | 3549 (39.29%) | - | 3339 (36.96%) | - | 1091 (12.08%) | 1098 (10%) | 81 (7.38%) | 528 (48.09%) | - | 305 (27.78%) | - | 184 (16.76%) |
| Lamure | 89 | 59 (66%) | 4 (6.78%) | 16 (27.12%) | - | 31 (52.54%) | - | 8 (13.56%) | 30 (33%) | 1 (3.33%) | 13 (43.33%) | - | 12 (40.00%) | - | 4 (13.33%) |
| Yadaw | 5,051 | 4635 (91%) | 162 (3.50%) | 709 (15.30%) | - | 2394 (51.65%) | - | 1370 (29.56%) | 416 (8%) | 17 (4.09%) | 105 (25.24%) | - | 196 (47.12%) | - | 98 (23.56%) |
| Zinellu | 105 | 77 (73%) | 24 (31.17%) | 8 (10.39%) | - | 45 (58.44%) | - | - | 28 (26%) | 8 (28.57%) | 3 (10.71%) | - | 17 (60.71%) | - | - |
| Zhang, Li | 399 | NA (NA%) | - | - | - | - | - | - | 399 (100%) | 60 (15.04%) | 186 (46.62%) | - | 148 (37.09%) | - | - |
| Wang, Shu | 59 | 18 (30%) | - | - | 0 (0.00%) | - | - | 18 (100.00%) | 41 (69%) | - | - | 9 (21.95%) | - | - | 32 (78.05%) |
| Wang, Zheutlin | 2,448 | 1706 (69%) | 57 (3.34%) | 315 (18.46%) | - | 954 (55.92%) | - | 380 (22.27%) | 742 (30%) | 25 (3.37%) | 197 (26.55%) | - | 354 (47.71%) | - | 166 (22.37%) |
| Torres-Macho | 1,968 | 1643 (83%) | - | - | 335 (20.39%) | - | - | 1308 (79.61%) | 325 (16%) | - | - | 125 (38.46%) | - | - | 200 (61.54%) |
| Raines | 440 | 408 (92%) | - | - | 222 (54.41%) | 186 (45.59%) | - | - | 32 (7%) | - | - | 28 (87.50%) | 4 (12.50%) | - | - |
| Parra-Bracamonte | 331,298 | 292988 (88%) | - | - | 21269 (7.26%) | - | - | 271719 (92.74%) | 38310 (11%) | - | - | 3215 (8.39%) | - | - | 35095 (91.61%) |
| Li, Long, Zhang | 954 | 876 (91%) | - | - | 48 (5.48%) | 828 (94.52%) | - | - | 78 (8%) | - | - | 8 (10.26%) | 70 (89.74%) | - | - |
| Bellan | 407 | 285 (70%) | 30 (10.53%) | - | - | - | 191 (67.02%) | 64 (22.46%) | 122 (29%) | 24 (19.67%) | - | - | - | 67 (54.92%) | 31 (25.41%) |
| Alharthy | 352 | 239 (67%) | 109 (45.61%) | - | - | - | 130 (54.39%) | - | 113 (32%) | 65 (57.52%) | - | - | - | 48 (42.48%) | - |
| Adrish | 1,173 | 783 (66%) | - | - | 205 (26.18%) | 578 (73.82%) | - | - | 390 (33%) | - | - | 131 (33.59%) | 259 (66.41%) | - | - |
| Hoertel, Sanchez, Vernet | 12,210 | 12210 (100%) | 898 (7.35%) | - | - | - | - | 9904 (81.11%) | 1408 (11%) | 204 (14.49%) | - | - | - | - | 1204 (85.51%) |
| Sourij | 238 | 180 (75%) | 4 (2.22%) | 26 (14.44%) | - | 150 (83.33%) | - | - | 58 (24%) | 0 (0.00%) | 12 (20.69%) | - | 46 (79.31%) | - | - |
| Simons | 446 | 318 (71%) | 30 (9.43%) | 109 (34.28%) | - | 179 (56.29%) | - | - | 128 (28%) | 12 (9.38%) | 63 (49.22%) | - | 53 (41.41%) | - | - |
| Bisso | 168 | 122 (72%) | 13 (10.66%) | - | - | - | - | 109 (89.34%) | 46 (27%) | 5 (10.87%) | - | - | - | - | 39 (84.78%) |