

Supplementary Material

Dataset	Link	Download date	Version date
SIVEP-Gripe 2020	https://opendatasus.saude.gov.br/dataset/bd-srag-2020	17/05/2021	17/05/2021
SIVEP-Gripe 2021	https://opendatasus.saude.gov.br/dataset/bd-srag-2021	17/05/2021	17/05/2021
GISAID	https://www.gisaid.org/	01/06/2021	01/06/2021
IBGE population estimates	https://ftp.ibge.gov.br/Estimativas_de_Populacao/Estimativas_2020/POP2020_20210331.xls	17/05/2021	17/05/2021
2010 Census - IBGE	https://biblioteca.ibge.gov.br/visualizacao/periodicos/92/cd.2010_aglomerados_subnormais.pdf	09/09/2021	09/09/2021
Hospital and ICU beds - DATASUS	http://tabnet.datasus.gov.br/cgi/deftohtm.exe?cnes/cnv/leintbr.def	17/05/2021	17/05/2021

Table 1: Links and versions of datasets used in the study.

Variable name in the dataset	Variable description	Collected as	Considered as
dt_notific, dt_interna, dt_evolucao, dt_entuti, dt_saiduti	Dates	Date DD/MM/YYYY	We standardized the dates as there were several patterns in the dataset.
hospital	Was the patient admitted to the hospital?	'Yes', 'No', 'Ignored'	The Ignored level was disregarded.
pcr_sars2	RT-PCR diagnostic result for SARS-CoV-2.	Filled is considered as positive.	For this study, only positive RT-PCR tests were considered.
evolucao	Case evolution	'Discharge', 'Death', 'Death from another complication', 'Ignored'	Only patients with discharge or death related to COVID-19 were considered.
'puerpera', 'cardiopati', 'hematologi', 'sind_down', 'hepatica', 'asma', 'diabetes', 'neurologic', 'pneumopati', 'imunodepre', 'renal', 'obesidade'	Comorbidities or risk factors collected	For each comorbidities or risk factors, three levels were collected: Yes, No, and Ignored.	Considered at 2 levels: Yes and No. Missing and ignored entries were considered as without comorbidity or risk factors.
'diarreaia', 'vomito', 'dor_abd', 'perd_olft', 'perd_pala', 'dispneia', 'tosse', 'desc_resp', 'garganta', 'febre', 'fadiga', 'saturacao'	Collected symptoms	For each symptom, three levels were collected: Yes, No, and Ignored.	Considered at 2 levels: Yes and No. Missing and ignored entries were considered to be symptom free.
sem_pri	Epidemiological week of first symptoms.	Calculated from the date of first symptoms.	
uti	Was the patient admitted to the ICU?	'Yes', 'No', 'Ignored'	The Ignored level was considered as missing.
suport_ven,	Did the patient use ventilatory support?	'Yes, invasive', 'Yes, non-invasive', 'No', and 'Ignored'	The Ignored level was considered as missing.
cs_sexo	Sex of the patient.	'Male', 'Female', and 'Ignored'	The Ignored level was considered as missing.
cs_raca	Race/ethnicity declared by the patient	White (Branca), Black (Preta), Asian (Amarelo), Brown (Parda), Indigenous (Indigena), and Ignored (Ignorado)	We consider the White, Asian, Indigenous, and group the Black and Brown races.
cs_escol_n	Patient's educational level.	Illiterate, Elementary School, Middle School, High School, College / University, Not applicable, and Ignored	The Ignored level was considered as missing.
cs_zona	Geographical area of the patient's home address.	Urban, Rural, Periphery, and Ignored	The Ignored level was considered as missing.
calc_idade	synthetic	Not applicable	Subtracting the date of hospitalization from the date of admission to the hospital
faixa_etaria	synthetic	Not applicable	Patients grouped by age
dias_internado, dias_uti, dias_atehosp, dias_ateuti	synthetic	Not applicable	Date DD/MM/YYYY - Dates derived from date of first symptom, hospitalization, and ICU
qnt_comorbidades, qnt_sintomas	synthetic	Not applicable	Number of comorbidities and symptoms that each patient presented.

Table 2: Detailed description of the SIVEP-Gripe variables used in the study.

	Whole pandemic		First Wave		Second Wave	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Sex						
Female	104 193 (42.48%)	63 228 (60.68%)	47 838 (41.60%)	26 718 (55.85%)	56 355 (43.26%)	36 510 (64.79%)
Male	141 092 (57.52%)	85 131 (60.34%)	67 171 (58.40%)	37 867 (56.37%)	73 921 (56.74%)	47 264 (63.94%)
General	245 285	148 359 (60.48%)	115 009 (46.89%)	64 585 (56.16%)	130 276 (53.11%)	83 774 (64.31%)
Self-reported race/ethnicity						
White	109 465 (56.43%)	66 334 (60.60%)	47 139 (54.27%)	26 120 (55.41%)	62 326 (58.18%)	40 214 (64.52%)
Black/Brown	81 687 (42.11%)	52 875 (64.73%)	38 274 (44.07%)	23 600 (61.66%)	43 413 (40.53%)	29 275 (67.43%)
Asian	2 493 (1.29%)	1 524 (61.13%)	1 231 (1.42%)	733 (59.55%)	1 262 (1.18%)	791 (62.68%)
Indigenous	330 (0.17%)	213 (64.55%)	214 (0.25%)	143 (66.82%)	116 (0.11%)	70 (60.34%)
General	193 975	120 946 (62.35%)	86 858 (44.78%)	50 596 (58.25%)	107 117 (55.22%)	70 350 (65.68%)
Scholarity						
Illiterate	5 086 (5.87%)	3 850 (75.70%)	2 542 (6.35%)	1 887 (74.23%)	2 544 (5.46%)	1 963 (77.16%)
Elementary School	23 480 (27.12%)	17 035 (72.55%)	10 869 (27.15%)	7 607 (69.99%)	12 611 (27.09%)	9 428 (74.76%)
Middle School	16 988 (19.62%)	11 533 (67.89%)	7 817 (19.53%)	4 947 (63.29%)	9 171 (19.70%)	6 586 (71.81%)
High School	26 427 (30.52%)	15 146 (57.31%)	11 968 (29.90%)	6 241 (52.15%)	14 459 (31.06%)	8 905 (61.59%)
College / University	14 600 (16.86%)	7 160 (49.04%)	6 833 (17.07%)	2 864 (41.91%)	7 767 (16.68%)	4 296 (55.31%)
General	86 581	54 724 (63.21%)	40 029 (46.23%)	23 546 (58.82%)	46 552 (53.77%)	31 178 (66.97%)
Geographic zone						
Urban	210 645 (96.76%)	126 732 (60.16%)	99 448 (96.92%)	55 544 (55.85%)	111 197 (96.61%)	71 188 (64.02%)
Rural	6 390 (2.94%)	4 304 (67.36%)	2 832 (2.76%)	1 828 (64.55%)	3 558 (3.09%)	2 476 (69.59%)
Periphery	669 (0.31%)	426 (63.68%)	329 (0.32%)	205 (62.31%)	340 (0.30%)	221 (65.00%)
General	217 704	131 462 (60.39%)	102 609 (47.13%)	57 577 (56.11%)	115 095 (52.87%)	73 885 (64.19%)

Table 3: Mortality in ICU stratified by sociodemographic characteristics and waves.

	Whole pandemic		First Wave		Second Wave	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Sex						
Female	59 240 (43.04%)	47 791 (80.67%)	25 292 (41.27%)	19 663 (77.74%)	33 948 (44.47%)	28 128 (82.86%)
Male	78 387 (56.96%)	63 480 (80.98%)	35 999 (58.73%)	28 116 (78.10%)	42 388 (55.53%)	35 364 (83.43%)
General	137 627	111 271 (80.85%)	61 291 (44.53%)	47 779 (77.95%)	76 336 (55.47%)	63 492 (83.17%)
Self-reported race/ethnicity						
White	61 552 (54.86%)	48 937 (79.51%)	24 242 (50.79%)	18 358 (75.73%)	37 310 (57.88%)	30 579 (81.96%)
Black/Brown	49 095 (43.76%)	41 023 (83.56%)	22 707 (47.58%)	18 445 (81.23%)	26 388 (40.93%)	22 578 (85.56%)
Asian	1 324 (1.18%)	1 061 (80.14%)	628 (1.32%)	491 (78.18%)	696 (1.08%)	570 (81.90%)
Indigenous	223 (0.20%)	180 (80.72%)	151 (0.32%)	119 (78.81%)	72 (0.11%)	61 (84.72%)
General	112 194	91 201 (81.29%)	47 728 (42.54%)	37 413 (78.39%)	64 466 (57.46%)	53 788 (83.44%)
Scholarity						
Illiterate	3 444 (6.90%)	3 078 (89.37%)	1 723 (7.85%)	1 518 (88.10%)	1 721 (6.15%)	1 560 (90.64%)
Elementary School	14 989 (30.03%)	12 924 (86.22%)	6 786 (30.93%)	5 741 (84.60%)	8 203 (29.33%)	7 183 (87.57%)
Middle School	10 644 (21.33%)	8 842 (83.07%)	4 715 (21.49%)	3 760 (79.75%)	5 929 (21.20%)	5 082 (85.71%)
High School	14 139 (28.33%)	10 963 (77.54%)	5 943 (27.09%)	4 426 (74.47%)	8 196 (29.30%)	6 537 (79.76%)
College / University	6 697 (13.42%)	4 980 (74.36%)	2 774 (12.64%)	1 932 (69.65%)	3 923 (14.02%)	3 048 (77.70%)
General	49 913	40 787 (81.72%)	21 941 (43.96%)	17 377 (79.20%)	27 972 (56.04%)	23 410 (83.69%)
Geographic zone						
Urban	117 070 (96.18%)	94 403 (80.64%)	52 595 (96.23%)	40 952 (77.86%)	64 475 (96.15%)	53 451 (82.90%)
Rural	4 201 (3.45%)	3 528 (83.98%)	1 849 (3.38%)	1 520 (82.21%)	2 352 (3.51%)	2 008 (85.37%)
Periphery	444 (0.36%)	372 (83.78%)	212 (0.39%)	184 (86.79%)	232 (0.35%)	188 (81.03%)
General	121 715	98 303 (80.76%)	54 656 (44.90%)	42 656 (78.04%)	67 059 (55.10%)	55 647 (82.98%)

Table 4: Mortality of patients with the use of invasive mechanical ventilation stratified by sociodemographic characteristics and waves.

	Whole pandemic		First Wave		Second Wave	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Sex						
Female	147 961 (44.64%)	41 116 (27.79%)	63 485 (44.04%)	17 011 (26.80%)	84 476 (45.09%)	24 105 (28.53%)
Male	183 517 (55.36%)	50 649 (27.60%)	80 653 (55.96%)	21 618 (26.80%)	102 864 (54.91%)	29 031 (28.22%)
General	331 478	91 765 (27.68%)	144 138 (43.48%)	38 629 (26.80%)	187 340 (56.52%)	53 136 (28.36%)
Self-reported race/ethnicity						
White	155 819 (58.13%)	43 882 (28.16%)	61 606 (54.72%)	16 851 (27.35%)	94 213 (60.60%)	27 031 (28.69%)
Black/Brown	108 311 (40.41%)	33 151 (30.61%)	49 115 (43.62%)	14 630 (29.79%)	59 196 (38.08%)	18 521 (31.29%)
Asian	3 487 (1.30%)	1 013 (29.05%)	1 593 (1.41%)	455 (28.56%)	1 894 (1.22%)	558 (29.46%)
Indigenous	436 (0.16%)	120 (27.52%)	271 (0.24%)	77 (28.41%)	165 (0.11%)	43 (26.06%)
General	268 053	78 166 (29.16%)	112 585 (42.00%)	32 013 (28.43%)	155 468 (58.00%)	46 153 (29.69%)
Scholarity						
Illiterate	7 032 (5.73%)	3 395 (48.28%)	3 565 (6.62%)	1 730 (48.53%)	3 467 (5.03%)	1 665 (48.02%)
Elementary School	33 197 (27.04%)	13 324 (40.14%)	15 039 (27.95%)	5 707 (37.95%)	18 158 (26.34%)	7 617 (41.95%)
Middle School	24 122 (19.65%)	7 340 (30.43%)	10 560 (19.62%)	3 065 (29.02%)	13 562 (19.67%)	4 275 (31.52%)
High School	39 731 (32.37%)	9 250 (23.28%)	16 935 (31.47%)	3 697 (21.83%)	22 796 (33.07%)	5 553 (24.36%)
College / University	18 672 (15.21%)	3 642 (19.51%)	7 716 (14.34%)	1 326 (17.19%)	10 956 (15.89%)	2 316 (21.14%)
General	122 754	36 951 (30.10%)	53 815 (43.84%)	15 525 (28.85%)	68 939 (56.16%)	21 426 (31.08%)
Geographic zone						
Urban	289 372 (96.69%)	79 963 (27.63%)	126 472 (96.91%)	33 755 (26.69%)	162 900 (96.52%)	46 208 (28.37%)
Rural	9 030 (3.02%)	3 118 (34.53%)	3 658 (2.80%)	1 245 (34.03%)	5 372 (3.18%)	1 873 (34.87%)
Periphery	882 (0.29%)	276 (31.29%)	378 (0.29%)	113 (29.89%)	504 (0.30%)	163 (32.34%)
General	299 284	83 357 (27.85%)	130 508 (43.61%)	35 113 (26.90%)	168 776 (56.39%)	48 244 (28.58%)

Table 5: Mortality of patients with the use of non-invasive ventilation stratified by sociodemographic characteristics and waves.

Variables	Total		White		Black/Brown		Asian		Indigenous	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Age groups										
0 to 19	10 152 (1.50%)	969 (9.54%)	3 393 (1.14%)	274 (8.08%)	4 421 (1.94%)	522 (11.81%)	61 (0.88%)	9 (14.75%)	55 (5.49%)	13 (23.64%)
20 to 39	82 214 (12.12%)	11 666 (14.19%)	34 450 (11.53%)	4 414 (12.81%)	28 509 (12.50%)	5 122 (17.97%)	755 (10.89%)	89 (11.79%)	142 (14.19%)	22 (15.49%)
40 to 49	96 950 (14.29%)	19 375 (19.98%)	40 505 (13.55%)	7 438 (18.36%)	33 487 (14.68%)	8 280 (24.75%)	837 (12.07%)	172 (20.55%)	147 (14.69%)	29 (19.73%)
50 to 59	128 931 (19.01%)	36 310 (28.16%)	55 359 (18.52%)	14 736 (26.62%)	44 121 (19.34%)	14 792 (33.53%)	1 220 (17.59%)	325 (26.45%)	191 (19.08%)	66 (34.55%)
60 to 69	148 303 (21.87%)	61 602 (41.54%)	65 968 (22.07%)	26 691 (40.46%)	50 253 (22.03%)	23 616 (46.90%)	1 546 (22.30%)	578 (37.39%)	185 (18.48%)	75 (40.54%)
70 to 79	121 879 (17.97%)	64 746 (53.12%)	56 140 (18.78%)	29 295 (52.18%)	40 023 (17.54%)	23 211 (57.99%)	1 435 (20.70%)	714 (49.76%)	161 (16.08%)	98 (60.87%)
80+	89 806 (13.24%)	57 242 (63.74%)	43 072 (14.41%)	27 382 (63.57%)	27 320 (11.98%)	18 324 (67.07%)	1 080 (15.58%)	698 (64.63%)	120 (11.99%)	71 (59.17%)
General	678 235 (100.00%)	251 910 (37.14%)	298 887 (44.07%)	110 230 (36.88%)	228 134 (33.64%)	93 867 (41.15%)	6 934 (1.02%)	2 585 (37.28%)	1 001 (0.15%)	374 (37.36%)
Sex										
Female	301 521 (44.46%)	110 256 (36.57%)	135 299 (45.27%)	48 795 (36.06%)	100 588 (44.10%)	40 813 (40.57%)	2 905 (41.90%)	1 052 (36.21%)	433 (43.26%)	158 (36.49%)
Male	376 638 (55.54%)	141 627 (37.60%)	163 571 (54.73%)	61 429 (37.55%)	127 518 (55.90%)	53 040 (41.59%)	4 028 (58.10%)	1 533 (38.06%)	568 (56.74%)	216 (38.03%)
General	678 159 (99.99%)	251 883 (37.14%)	298 870 (44.07%)	110 224 (36.88%)	228 106 (33.63%)	93 853 (41.14%)	6 933 (1.02%)	2 585 (37.29%)	1 001 (0.15%)	374 (37.36%)
Scholarity										
Illiterate	13 744 (5.73%)	7 847 (57.09%)	5 817 (4.24%)	3 068 (52.74%)	7 225 (8.17%)	4 427 (61.27%)	123 (5.16%)	61 (49.59%)	79 (19.75%)	44 (55.70%)
Elementary School	62 953 (26.26%)	31 171 (49.51%)	35 451 (25.86%)	17 100 (48.24%)	25 047 (28.32%)	12 982 (51.83%)	542 (22.73%)	248 (45.76%)	151 (37.75%)	57 (37.75%)
Middle School	45 712 (19.07%)	19 166 (41.93%)	25 491 (18.60%)	10 302 (40.41%)	18 436 (20.85%)	8 203 (44.49%)	353 (14.81%)	154 (43.63%)	67 (16.75%)	33 (49.25%)
High School	77 903 (32.50%)	24 219 (31.09%)	44 038 (32.13%)	13 240 (30.06%)	28 204 (31.89%)	9 635 (34.16%)	853 (35.78%)	276 (32.36%)	76 (19.00%)	18 (23.68%)
College / University	39 397 (16.44%)	10 326 (26.21%)	26 265 (19.16%)	6 747 (25.69%)	9 528 (10.77%)	2 894 (30.37%)	513 (21.52%)	130 (25.34%)	27 (6.75%)	12 (44.44%)
General	239 709 (53.34%)	92 729 (38.68%)	137 062 (20.21%)	50 457 (36.81%)	88 440 (13.04%)	38 141 (43.13%)	2 384 (0.35%)	869 (36.45%)	400 (0.06%)	164 (41.00%)
Geographic zone										
Urban	584 140 (96.66%)	215 310 (36.86%)	262 192 (96.80%)	95 628 (36.47%)	199 077 (95.74%)	80 860 (40.62%)	6 117 (97.03%)	2 286 (37.37%)	503 (57.09%)	179 (35.59%)
Rural	18 316 (3.03%)	8 024 (43.81%)	7 908 (2.92%)	3 041 (38.45%)	8 125 (3.91%)	4 033 (49.64%)	161 (2.55%)	70 (43.48%)	373 (42.34%)	151 (40.48%)
Periphery	1 842 (0.30%)	767 (41.64%)	757 (0.28%)	287 (37.91%)	740 (0.36%)	340 (45.95%)	26 (0.41%)	9 (34.62%)	5 (0.57%)	2 (40.00%)
General	604 298 (89.10%)	224 101 (37.08%)	270 857 (39.94%)	98 956 (36.53%)	207 942 (30.66%)	85 233 (40.99%)	6 304 (0.93%)	2 365 (37.52%)	881 (0.13%)	332 (37.68%)
ICU										
Yes	245 304 (39.66%)	148 870 (60.48%)	109 465 (38.99%)	66 334 (60.60%)	81 687 (39.74%)	52 875 (64.73%)	2 493 (39.91%)	1 524 (61.13%)	330 (36.79%)	213 (64.55%)
No	373 289 (60.34%)	80 365 (21.53%)	171 293 (61.01%)	36 613 (21.37%)	123 887 (60.26%)	31 429 (25.37%)	3 754 (60.09%)	811 (21.60%)	367 (63.21%)	127 (27.40%)
General	618 593 (91.21%)	228 735 (36.98%)	280 758 (41.40%)	102 947 (36.67%)	205 574 (30.31%)	84 304 (41.01%)	6 247 (0.92%)	2 335 (37.38%)	897 (0.13%)	340 (37.90%)
Respiratory support										
Invasive	137 638 (23.07%)	111 279 (80.85%)	61 552 (22.49%)	48 937 (79.51%)	49 095 (24.66%)	41 023 (83.56%)	1 324 (22.00%)	1 061 (80.14%)	223 (25.84%)	180 (80.72%)
Non-invasive	331 506 (55.56%)	91 772 (27.68%)	155 819 (56.93%)	43 882 (28.16%)	108 311 (54.40%)	33 151 (30.61%)	3 487 (57.94%)	1 013 (29.05%)	436 (50.52%)	120 (27.52%)
No	127 516 (21.37%)	18 046 (14.15%)	56 344 (20.58%)	7 555 (13.41%)	41 683 (20.94%)	7 313 (17.54%)	1 207 (20.06%)	164 (13.59%)	204 (23.64%)	27 (13.24%)
General	596 660 (87.97%)	221 097 (37.06%)	273 715 (40.36%)	100 374 (36.67%)	199 089 (29.35%)	81 487 (40.93%)	6 018 (0.89%)	2 238 (37.19%)	863 (0.13%)	327 (37.89%)

Table 6: Mortality stratified by sociodemographic characteristics.

Variables	Total		White		Black/Brown		Asian		Indigenous	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Age groups										
0 to 19	5 983 (1.84%)	548 (9.16%)	1 852 (1.44%)	126 (6.80%)	2 658 (2.36%)	310 (11.66%)	36 (1.01%)	5 (13.89%)	41 (6.14%)	13 (31.71%)
20 to 39	40 842 (12.53%)	4 530 (11.09%)	15 316 (11.93%)	1 409 (9.20%)	14 330 (12.73%)	2 094 (14.61%)	421 (11.78%)	48 (11.40%)	91 (13.62%)	12 (13.19%)
40 to 49	45 996 (14.11%)	7 574 (16.47%)	17 041 (13.27%)	2 410 (14.14%)	16 122 (14.32%)	3 406 (21.13%)	430 (12.03%)	71 (16.51%)	101 (15.12%)	20 (19.80%)
50 to 59	59 966 (18.40%)	14 759 (24.61%)	22 913 (17.85%)	4 972 (21.70%)	20 430 (18.60%)	3 360 (30.39%)	589 (16.48%)	141 (23.94%)	130 (19.46%)	47 (36.15%)
60 to 69	67 562 (20.73%)	26 166 (38.73%)	26 718 (20.81%)	9 685 (36.25%)	23 644 (21.01%)	10 603 (44.84%)	747 (20.90%)	257 (34.40%)	117 (17.51%)	46 (39.32%)
70 to 79	58 145 (17.84%)	29 743 (51.15%)	23 864 (18.59%)	11 814 (49.51%)	19 939 (17.72%)	11 247 (56.41%)	743 (20.78%)	359 (48.32%)	100 (14.97%)	61 (61.00%)
80+	47 409 (14.55%)	30 124 (63.54%)	20 678 (16.11%)	13 124 (63.47%)	14 922 (13.26%)	9 962 (66.76%)	609 (17.03%)	397 (65.19%)	88 (13.17%)	54 (61.36%)
General	325 903 (100.00%)	113 444 (34.81%)	128 382 (39.39%)	43 540 (33.91%)	112 545 (34.53%)	43 982 (39.08%)	3 575 (1.10%)	1 278 (35.75%)	668 (0.20%)	253 (37.87%)
Sex										
Female	142 942 (43.87%)	48 205 (33.72%)	57 263 (44.61%)	18 778 (32.79%)	48 621 (43.21%)	18 327 (37.69%)	1 455 (40.70%)	517 (35.53%)	279 (41.77%)	95 (34.05%)
Male	182 915 (56.13%)	65 227 (35.66%)	71 110 (55.39%)	24 761 (34.82%)	63 907 (56.79%)	25 648 (40.13%)	2 120 (59.30%)	761 (35.90%)	389 (58.23%)	158 (40.62%)
General	325 857 (99.99%)	113 432 (34.81%)	128 373 (39.39%)	43 539 (33.92%)	112 528 (34.53%)	43 975 (39.08%)	3 575 (1.10%)	1 278 (35.75%)	668 (0.20%)	253 (37.87%)
Scholarity										
Illiterate	7 260 (6.30%)	4 118 (56.72%)	2 818 (4.58%)	1 470 (52.16%)	3 973 (8.75%)	2 408 (60.61%)	82 (6.28%)	38 (46.34%)	61 (22.51%)	33 (54.10%)
Elementary School	30 355 (26.34%)	14 219 (46.84%)	15 811 (25.71%)	7 115 (45.00%)	13 074 (28.80%)	6 452 (49.35%)	299 (22.91%)	133 (44.48%)	102 (37.64%)	34 (33.33%)
Middle School	21 736 (18.86%)	8 482 (39.02%)	11 343 (18.44%)	4 201 (37.04%)	9 328 (20.55%)	3 897 (41.78%)	198 (15.17%)	83 (41.92%)	51 (18.82%)	24 (47.06%)
High School	37 101 (32.19%)	10 201 (27.50%)	19 585 (31.85%)	5 194 (26.52%)	14 433 (31.79%)	4 347 (30.12%)	459 (35.17%)	130 (28.32%)	40 (14.76%)	11 (27.50%)
College / University	18 808 (16.32%)	4 127 (21.94%)	11 941 (19.42%)	2 580 (21.61%)	4 592 (10.11%)	1 187 (25.85%)	267 (20.46%)	70 (26.22%)	17 (6.27%)	7 (41.18%)
General	115 260 (35.37%)	41 147 (35.70%)	61 498 (18.87%)	20 560 (33.43%)	45 400 (13.93%)	18 291 (40.29%)	1 305 (0.40%)	454 (34.79%)	271 (0.89%)	109 (40.22%)
Geographic zone										
Urban	281 272 (86.81%)	97 349 (34.61%)	114 178 (87.20%)	38 521 (33.74%)	98 307 (85.80%)	38 037 (38.66%)	3 142 (96.50%)	1 125 (35.81%)	304 (52.14%)	106 (34.87%)
Rural	8 367 (2.85%)	3 525 (42.13%)	2 980 (2.54%)	1 021 (34.26%)	3 972 (3.87%)	1 923 (48.41%)	97 (2.98%)	43 (44.33%)	276 (47.34%)	115 (41.67%)
Periphery	888 (0.31%)	364 (40.99%)	907 (0.26%)	101 (32.90%)	345 (0.34%)	168 (48.70%)	14 (0.43%)	6 (42.86%)	3 (0.51%)	2 (66.67%)
General	290 527 (89.15%)	101 238 (34.85%)	117 465 (36.04%)	39 643 (33.75%)	102 714 (31.52%)	40 128 (39.07%)	3 253 (1.00%)	1 174 (36.09%)	583 (0.18%)	223 (38.25%)
ICU										
Yes	115 018 (39.08%)	64 589 (56.16%)	47 139 (39.18%)	26 120 (55.41%)	38 274 (37.80%)	23 600 (61.66%)	1 231 (38.60%)	733 (59.55%)	214 (35.73%)	143 (66.82%)
No	179 264 (60.92%)	36 689 (20.47%)	73 189 (60.82%)	14 292 (19.53%)	62 983 (62.20%)	15 556 (24.70%)	1 958 (61.40%)	404 (20.63%)	385 (64.27%)	86 (22.34%)
General	294 282 (90.30%)	101 278 (34.42%)	120 328 (36.92%)	40 412 (33.58%)	101 257 (31.07%)	39 156 (38.67%)	3 189 (0.98%)	1 137 (35.65%)	599 (0.18%)	229 (38.23%)
Respiratory support										
Invasive	61 297 (21.76%)	47 782 (77.95%)	24 242 (20.78%)	18 358 (75.73%)	22 707 (23.37%)	18 445 (81.23%)	628 (20.94%)	491 (78.18%)	151 (26.49%)	119 (78.81%)
Non-invasive	174 245 (51.17%)	38 633 (26.80%)	61 606 (52.80%)	16 851 (27.35%)	49 115 (50.55%)	14 630 (29.79%)	1 593 (53.12%)	455 (28.56%)	271 (47.54%)	77 (28.41%)
No	24 129 (7.07%)	10 710 (14.05%)	30 837 (26.43%)	4 049 (13.13%)	25 347 (26.09%)	4 425 (17.46%)	778 (25.94%)	109 (10.41%)	148 (25.96%)	20 (13.51%)
General	281 699 (86.44%)	97 125 (34.48%)	116 685 (35.80%)	39 258 (33.64%)	97 169 (29.82%)	37 500 (38.59%)	2 999 (0.92%)	1 055 (35.18%)	570 (0.17%)	216 (37.89%)

Table 7: Mortality stratified by sociodemographic characteristics and first wave.

Variables	Total		White		Black/Brown		Asian		Indigenous	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Age groups										
0 to 19	4 169 (1.18%)	421 (10.10%)	1 541 (0.90%)	148 (9.60%)	1 763 (1.53%)	212 (12.02%)	25 (0.74%)	4 (16.00%)	14 (4.20%)	0 (0.00%)
20 to 39	41 372 (11.74%)	7 136 (17.25%)	19 134 (11.22%)	3 005 (15.71%)	14 179 (12.27%)	3 028 (21.36%)	334 (9.94%)	41 (12.28%)	51 (15.32%)	10 (19.61%)
40 to 49	50 954 (14.46%)	11 801 (23.16%)	23 464 (13.76%)	5 028 (21.43%)	17 365 (15.02%)	4 874 (28.07%)	407 (12.12%)	101 (24.82%)	46 (13.81%)	9 (19.57%)
50 to 59	68 965 (19.57%)	21 551 (31.25%)	32 446 (19.03%)	9 764 (30.09%)	23 191 (20.06%)	8 432 (36.36%)	631 (18.79%)	184 (29.16%)	61 (18.32%)	19 (31.15%)
60 to 69	80 741 (22.92%)	35 436 (43.89%)	39 250 (23.02%)	17 006 (43.33%)	26 609 (23.02%)	13 013 (48.90%)	799 (23.79%)	321 (40.18%)	68 (20.42%)	29 (42.65%)
70 to 79	63 734 (18.09%)	35 003 (54.92%)	32 276 (18.93%)	17 481 (54.16%)	20 084 (17.38%)	11 964 (59.57%)	692 (20.60%)	355 (51.30%)	61 (18.32%)	37 (60.66%)
80+	42 397 (12.03%)	27 118 (63.96%)	22 304 (13.13%)	14 258 (63.67%)	12 398 (10.73%)	8 362 (67.45%)	471 (14.02%)	301 (63.91%)	32 (6.61%)	17 (33.12%)
General	352 332 (100.00%)	138 466 (39.30%)	170 505 (48.39%)	66 690 (39.11%)	115 589 (32.81%)	49 885 (43.16%)	3 359 (0.95%)	1 307 (38.91%)	333 (0.90%)	121 (36.34%)
Sex										
Female	158 579 (45.01%)	62 051 (39.13%)	78 036 (45.77%)	30 017 (38.47%)	51 967 (44.96%)	22 486 (43.27%)	1 450 (43.18%)	535 (36.90%)	154 (46.25%)	63 (40.91%)
Male	193 723 (54.99%)	76 400 (39.44%)	92 461 (54.23%)	36 668 (39.66%)	63 611 (55.04%)	27 392 (43.06%)	1 908 (56.82%)	772 (40.46%)	179 (53.75%)	58 (32.40%)
General	352 302 (99.99%)	138 451 (39.30%)	170 497 (48.39%)	66 685 (39.11%)	115 578 (32.80%)	49 878 (43.16%)	3 358 (0.95%)	1 307 (38.92%)	333 (0.90%)	121 (36.34%)
Scholarity										
Illiterate	6 484 (5.21%)	3 729 (57.51%)	2 999 (3.97%)	1 598 (53.28%)	3 252 (7.56%)	2 019 (62.08%)	41 (3.80%)	23 (56.10%)	18 (13.95%)	11 (61.11%)
Elementary School	32 598 (26.19%)	16 952 (52.00%)	19 640 (25.99%)	9 985 (50.84%)	11 973 (27.82%)	6 530 (54.54%)	243 (22.52%)	115 (47.33%)	49 (37.98%)	23 (46.94%)
Middle School	23 976 (19.27%)	10 684 (44.56%)	14 148 (18.72%)	6 101 (43.12%)	9 108 (21.16%)	4 306 (47.28%)	155 (14.37%)	71 (45.81%)	16 (12.40%)	9 (56.25%)
High School	40 802 (32.70%)	14 018 (34.36%)	24 453 (32.36%)	8 046 (32.90%)	13 771 (32.00%)	5 288 (38.40%)	394 (36.52%)	146 (37.06%)	36 (27.91%)	7 (19.44%)
College / University	20 589 (16.54%)	6 199 (30.11%)	14 324 (18.96%)	4 167 (29.09%)	4 936 (11.47%)	1 707 (34.58%)	246 (22.80%)	60 (24.30%)	10 (7.75%)	5 (50.00%)
General	124 449 (35.32%)	51 582 (41.45%)	75 564 (21.45%)	29 897 (39.57%)	43 040 (12.22%)	19 850 (46.12%)	1 079 (0.31%)	415 (38.46%)	129 (0.04%)	55 (42.64%)
Geographic zone										
Urban	302 868 (96.53%)	117 961 (38.95%)	148 014 (96.49%)	57 107 (38.58%)	100 680 (95.68%)	42 823 (42.53%)	2 975 (97.51%)	1 161 (39.03%)	199 (66.78%)	73 (36.68%)
Rural	9 949 (3.17%)	4 499 (45.22%)	4 928 (3.21%)	2 020 (40.99%)	4 153 (3.95%)	2 110 (50.81%)	64 (2.10%)	27 (42.19%)	97 (32.55%)	36 (37.11%)
Periphery	954 (0.30%)	403 (42.24%)	450 (0.29%)	186 (41.33%)	395 (0.38%)	172 (43.54%)	12 (0.39%)	3 (25.00%)	2 (6.67%)	0 (0.00%)
General	313 771 (89.06%)	122 863 (39.16%)	153 392 (43.54%)	59 313 (38.67%)	105 228 (29.87%)	45 105 (42.86%)	3 051 (0.87%)	1 191 (39.04%)	298 (0.08%)	109 (36.58%)
ICU										
Yes	130 286 (40.17%)	83 781 (64.31%)	62 326 (38.85%)	40 214 (64.52%)	43 413 (41.62%)	29 275 (67.43%)	1 262 (41.27%)	791 (62.68%)	116 (38.93%)	70 (60.34%)
No	194 025 (59.83%)	43 676 (22.51%)	98 104 (61.15%)	22 321 (22.75%)	60 904 (58.38%)	15 873 (26.06%)	1 796 (58.73%)	407 (22.66%)	182 (61.07%)	41 (22.53%)
General	324 311 (92.05%)	127 457 (39.30%)	160 430 (45.53%)	62 535 (38.98%)	104 317 (29.61%)	45 148 (43.28%)	3 058 (0.87%)	1 198 (39.18%)	298 (0.08%)	111 (37.25%)
Respiratory support										
Invasive	76 341 (24.24%)	63 497 (83.18%)	37 310 (23.76%)	30 579 (81.96%)	26 388 (25.89%)	22 578 (85.56%)	696 (23.05%)	570 (81.90%)	72 (24.57%)	61 (84.72%)
Non-invasive	187 353 (59.48%)	53 139 (28.36%)	91 213 (60.00%)	27 031 (28.69%)	59 196 (58.08%)	18 521 (31.29%)	1 894 (62.74%)	558 (29.46%)	165 (56.31%)	43 (26.96%)
No	51 267 (16.28%)	7 336 (14.31%)	25 507 (16.24%)	3 506 (13.75%)	16 336 (16.03%)	2 888 (17.68%)	429 (14.21%)	55 (12.87%)	56 (19.11%)	7 (12.50%)
General	314 961 (89.39%)	123 972 (39.36%)	157 030 (44.57%)	61 116 (38.92%)	101 920 (28.93%)	43 987 (43.16%)	3 019 (0.86%)	1 183 (39.19%)	293 (0.08%)	111 (37.88%)

Table 8: Mortality stratified by sociodemographic characteristics and second wave.

Epidemiologic week	Cases	Deaths
First wave		
8	8 (0.00%)	2 (25.00%)
9	26 (0.01%)	6 (23.08%)
10	188 (0.06%)	67 (35.64%)
11	924 (0.28%)	276 (29.87%)
12	2 963 (0.91%)	863 (29.13%)
13	4 427 (1.36%)	1 382 (31.22%)
14	5 402 (1.66%)	1 980 (36.65%)
15	7 192 (2.21%)	2 730 (37.96%)
16	9 973 (3.06%)	3 794 (38.04%)
17	12 520 (3.84%)	4 895 (39.10%)
18	14 069 (4.32%)	5 805 (41.26%)
19	14 054 (4.31%)	5 532 (39.36%)
20	14 825 (4.55%)	5 644 (38.07%)
21	13 049 (4.00%)	4 853 (37.19%)
22	11 869 (3.64%)	4 385 (36.94%)
23	13 462 (4.13%)	4 839 (35.95%)
24	13 324 (4.09%)	4 495 (33.74%)
25	14 007 (4.30%)	4 698 (33.54%)
26	12 761 (3.92%)	4 306 (33.74%)
27	14 750 (4.53%)	4 981 (33.77%)
28	14 681 (4.50%)	4 957 (33.76%)
29	13 302 (4.08%)	4 528 (34.04%)
30	12 652 (3.88%)	4 364 (34.49%)
31	11 427 (3.51%)	3 957 (34.63%)
32	10 250 (3.15%)	3 417 (33.34%)
33	10 352 (3.18%)	3 410 (32.94%)
34	9 406 (2.89%)	3 059 (32.52%)
35	8 490 (2.61%)	2 678 (31.54%)
36	8 379 (2.57%)	2 750 (32.82%)
37	7 482 (2.30%)	2 386 (31.89%)
38	6 662 (2.04%)	2 124 (31.88%)
39	6 311 (1.94%)	1 917 (30.38%)
40	5 977 (1.83%)	1 859 (31.10%)
41	5 649 (1.73%)	1 711 (30.29%)
42	5 178 (1.59%)	1 512 (29.20%)
43	5 130 (1.57%)	1 542 (30.06%)
44	3 748 (1.15%)	1 288 (34.36%)
45	937 (0.29%)	391 (41.73%)
Second wave		
45	6 656 (1.89%)	1 844 (27.70%)
46	9 139 (2.59%)	2 750 (30.09%)
47	10 813 (3.07%)	3 419 (31.62%)
48	11 040 (3.13%)	3 606 (32.66%)
49	12 319 (3.50%)	4 210 (34.17%)
50	11 388 (3.23%)	3 978 (34.93%)
51	10 209 (2.90%)	3 583 (35.10%)
52	11 087 (3.15%)	3 850 (34.73%)
53	12 333 (3.50%)	4 339 (35.18%)
54	12 926 (3.67%)	4 459 (34.50%)
55	11 944 (3.39%)	4 167 (34.89%)
56	10 672 (3.03%)	3 676 (34.45%)
57	9 830 (2.79%)	3 387 (34.46%)
58	12 284 (3.49%)	4 414 (35.93%)
59	14 050 (3.99%)	5 224 (37.18%)
60	18 744 (5.32%)	7 550 (40.28%)
61	19 941 (5.66%)	8 420 (42.22%)
62	27 045 (7.68%)	12 118 (44.81%)
63	27 154 (7.71%)	12 494 (46.01%)
64	25 344 (7.19%)	11 691 (46.13%)
65	18 824 (5.34%)	8 565 (45.50%)
66	16 218 (4.60%)	7 352 (45.33%)
67	13 704 (3.89%)	5 913 (43.15%)
68	9 866 (2.80%)	3 970 (40.24%)
69	5 470 (1.55%)	2 343 (42.83%)
70	974 (0.28%)	516 (52.98%)

Table 9: Hospitalizations stratified by epidemiologic week

SARS-CoV-2 variants stratified by epidemiologic week		
Epidemiologic week	Lineage	Cases
First wave		
9	B.1	2 (40.00%)
9	B.1.1	1 (20.00%)
9	B.1.1.28	0 (0.00%)
9	B.1.1.33	0 (0.00%)
9	B.1.1.7 (Alpha)	0 (0.00%)
9	Other	2 (40.00%)
9	P.1 (Gamma)	0 (0.00%)
9	P.1.2	0 (0.00%)
9	P.2 (Zeta)	0 (0.00%)
10	B.1	5 (22.73%)
10	B.1.1	9 (40.91%)
10	B.1.1.28	1 (4.55%)
10	B.1.1.33	1 (4.55%)
10	B.1.1.7 (Alpha)	0 (0.00%)
10	Other	6 (27.27%)
10	P.1 (Gamma)	0 (0.00%)
10	P.1.2	0 (0.00%)
10	P.2 (Zeta)	0 (0.00%)
11	B.1	23 (39.66%)
11	B.1.1	4 (6.90%)
11	B.1.1.28	6 (10.34%)
11	B.1.1.33	11 (18.97%)
11	B.1.1.7 (Alpha)	0 (0.00%)
11	Other	14 (24.14%)
11	P.1 (Gamma)	0 (0.00%)
11	P.1.2	0 (0.00%)
11	P.2 (Zeta)	0 (0.00%)
12	B.1	45 (25.42%)
12	B.1.1	15 (8.47%)
12	B.1.1.28	48 (27.12%)
12	B.1.1.33	38 (21.47%)
12	B.1.1.7 (Alpha)	0 (0.00%)
12	Other	31 (17.51%)
12	P.1 (Gamma)	0 (0.00%)
12	P.1.2	0 (0.00%)
12	P.2 (Zeta)	0 (0.00%)
13	B.1	26 (13.54%)
13	B.1.1	10 (5.21%)
13	B.1.1.28	77 (40.10%)
13	B.1.1.33	66 (34.38%)
13	B.1.1.7 (Alpha)	0 (0.00%)
13	Other	13 (6.77%)
13	P.1 (Gamma)	0 (0.00%)
13	P.1.2	0 (0.00%)
13	P.2 (Zeta)	0 (0.00%)
14	B.1	18 (7.86%)
14	B.1.1	8 (3.49%)
14	B.1.1.28	84 (36.68%)
14	B.1.1.33	97 (42.36%)
14	B.1.1.7 (Alpha)	0 (0.00%)
14	Other	22 (9.61%)
14	P.1 (Gamma)	0 (0.00%)
14	P.1.2	0 (0.00%)
14	P.2 (Zeta)	0 (0.00%)
15	B.1	9 (4.46%)
15	B.1.1	34 (16.83%)
15	B.1.1.28	67 (33.17%)
15	B.1.1.33	78 (38.61%)
15	B.1.1.7 (Alpha)	0 (0.00%)
15	Other	14 (6.93%)
15	P.1 (Gamma)	0 (0.00%)
15	P.1.2	0 (0.00%)
15	P.2 (Zeta)	0 (0.00%)
16	B.1	10 (3.68%)
16	B.1.1	15 (5.51%)
16	B.1.1.28	115 (42.28%)
16	B.1.1.33	114 (41.91%)
16	B.1.1.7 (Alpha)	0 (0.00%)
16	Other	16 (5.88%)
16	P.1 (Gamma)	0 (0.00%)
16	P.1.2	0 (0.00%)
16	P.2 (Zeta)	2 (0.74%)
17	B.1	16 (5.61%)

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Table 10 – continued from previous page

Epidemiologic week	Lineage	Cases
17	B.1.1	30 (10.53%)
17	B.1.1.28	107 (37.54%)
17	B.1.1.33	121 (42.46%)
17	B.1.1.7 (Alpha)	0 (0.00%)
17	Other	11 (3.86%)
17	P.1 (Gamma)	0 (0.00%)
17	P.1.2	0 (0.00%)
17	P.2 (Zeta)	0 (0.00%)
18	B.1	9 (5.14%)
18	B.1.1	16 (9.14%)
18	B.1.1.28	53 (30.29%)
18	B.1.1.33	86 (49.14%)
18	B.1.1.7 (Alpha)	0 (0.00%)
18	Other	11 (6.29%)
18	P.1 (Gamma)	0 (0.00%)
18	P.1.2	0 (0.00%)
18	P.2 (Zeta)	0 (0.00%)
19	B.1	3 (2.54%)
19	B.1.1	20 (16.95%)
19	B.1.1.28	39 (33.05%)
19	B.1.1.33	51 (43.22%)
19	B.1.1.7 (Alpha)	0 (0.00%)
19	Other	5 (4.24%)
19	P.1 (Gamma)	0 (0.00%)
19	P.1.2	0 (0.00%)
19	P.2 (Zeta)	0 (0.00%)
20	B.1	2 (2.35%)
20	B.1.1	10 (11.76%)
20	B.1.1.28	29 (34.12%)
20	B.1.1.33	36 (42.35%)
20	B.1.1.7 (Alpha)	0 (0.00%)
20	Other	8 (9.41%)
20	P.1 (Gamma)	0 (0.00%)
20	P.1.2	0 (0.00%)
20	P.2 (Zeta)	0 (0.00%)
21	B.1	1 (1.54%)
21	B.1.1	3 (4.62%)
21	B.1.1.28	18 (27.69%)
21	B.1.1.33	36 (55.38%)
21	B.1.1.7 (Alpha)	0 (0.00%)
21	Other	7 (10.77%)
21	P.1 (Gamma)	0 (0.00%)
21	P.1.2	0 (0.00%)
21	P.2 (Zeta)	0 (0.00%)
22	B.1	3 (4.55%)
22	B.1.1	5 (7.58%)
22	B.1.1.28	14 (21.21%)
22	B.1.1.33	38 (57.58%)
22	B.1.1.7 (Alpha)	0 (0.00%)
22	Other	6 (9.09%)
22	P.1 (Gamma)	0 (0.00%)
22	P.1.2	0 (0.00%)
22	P.2 (Zeta)	0 (0.00%)
23	B.1	0 (0.00%)
23	B.1.1	19 (18.81%)
23	B.1.1.28	8 (7.92%)
23	B.1.1.33	68 (67.33%)
23	B.1.1.7 (Alpha)	0 (0.00%)
23	Other	6 (5.94%)
23	P.1 (Gamma)	0 (0.00%)
23	P.1.2	0 (0.00%)
23	P.2 (Zeta)	0 (0.00%)
24	B.1	0 (0.00%)
24	B.1.1	1 (1.89%)
24	B.1.1.28	17 (32.08%)
24	B.1.1.33	30 (56.60%)
24	B.1.1.7 (Alpha)	0 (0.00%)
24	Other	5 (9.43%)
24	P.1 (Gamma)	0 (0.00%)
24	P.1.2	0 (0.00%)
24	P.2 (Zeta)	0 (0.00%)
25	B.1	0 (0.00%)
25	B.1.1	2 (2.99%)
25	B.1.1.28	28 (41.79%)

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Table 10 – continued from previous page

Epidemiologic week	Lineage	Cases
25	B.1.1.33	35 (52.24%)
25	B.1.1.7 (Alpha)	0 (0.00%)
25	Other	2 (2.99%)
25	P.1 (Gamma)	0 (0.00%)
25	P.1.2	0 (0.00%)
25	P.2 (Zeta)	0 (0.00%)
26	B.1	1 (1.23%)
26	B.1.1	17 (20.99%)
26	B.1.1.28	29 (35.80%)
26	B.1.1.33	27 (33.33%)
26	B.1.1.7 (Alpha)	0 (0.00%)
26	Other	6 (7.41%)
26	P.1 (Gamma)	0 (0.00%)
26	P.1.2	0 (0.00%)
26	P.2 (Zeta)	1 (1.23%)
27	B.1	2 (1.56%)
27	B.1.1	28 (21.88%)
27	B.1.1.28	43 (33.59%)
27	B.1.1.33	42 (32.81%)
27	B.1.1.7 (Alpha)	0 (0.00%)
27	Other	13 (10.16%)
27	P.1 (Gamma)	0 (0.00%)
27	P.1.2	0 (0.00%)
27	P.2 (Zeta)	0 (0.00%)
28	B.1	1 (1.72%)
28	B.1.1	2 (3.45%)
28	B.1.1.28	27 (46.55%)
28	B.1.1.33	24 (41.38%)
28	B.1.1.7 (Alpha)	0 (0.00%)
28	Other	4 (6.90%)
28	P.1 (Gamma)	0 (0.00%)
28	P.1.2	0 (0.00%)
28	P.2 (Zeta)	0 (0.00%)
29	B.1	0 (0.00%)
29	B.1.1	1 (2.94%)
29	B.1.1.28	10 (29.41%)
29	B.1.1.33	18 (52.94%)
29	B.1.1.7 (Alpha)	0 (0.00%)
29	Other	5 (14.71%)
29	P.1 (Gamma)	0 (0.00%)
29	P.1.2	0 (0.00%)
29	P.2 (Zeta)	0 (0.00%)
30	B.1	9 (17.31%)
30	B.1.1	1 (1.92%)
30	B.1.1.28	13 (25.00%)
30	B.1.1.33	22 (42.31%)
30	B.1.1.7 (Alpha)	0 (0.00%)
30	Other	6 (11.54%)
30	P.1 (Gamma)	0 (0.00%)
30	P.1.2	0 (0.00%)
30	P.2 (Zeta)	1 (1.92%)
31	B.1	0 (0.00%)
31	B.1.1	3 (3.09%)
31	B.1.1.28	13 (13.40%)
31	B.1.1.33	74 (76.29%)
31	B.1.1.7 (Alpha)	0 (0.00%)
31	Other	7 (7.22%)
31	P.1 (Gamma)	0 (0.00%)
31	P.1.2	0 (0.00%)
31	P.2 (Zeta)	0 (0.00%)
32	B.1	0 (0.00%)
32	B.1.1	2 (4.26%)
32	B.1.1.28	11 (23.40%)
32	B.1.1.33	30 (63.83%)
32	B.1.1.7 (Alpha)	0 (0.00%)
32	Other	4 (8.51%)
32	P.1 (Gamma)	0 (0.00%)
32	P.1.2	0 (0.00%)
32	P.2 (Zeta)	0 (0.00%)
33	B.1	21 (23.60%)
33	B.1.1	7 (7.87%)
33	B.1.1.28	24 (26.97%)
33	B.1.1.33	23 (25.84%)
33	B.1.1.7 (Alpha)	0 (0.00%)

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Table 10 – continued from previous page

Epidemiologic week	Lineage	Cases
33	Other	13 (14.61%)
33	P.1 (Gamma)	0 (0.00%)
33	P.1.2	0 (0.00%)
33	P.2 (Zeta)	1 (1.12%)
34	B.1	0 (0.00%)
34	B.1.1	3 (5.56%)
34	B.1.1.28	19 (35.19%)
34	B.1.1.33	30 (55.56%)
34	B.1.1.7 (Alpha)	0 (0.00%)
34	Other	2 (3.70%)
34	P.1 (Gamma)	0 (0.00%)
34	P.1.2	0 (0.00%)
34	P.2 (Zeta)	0 (0.00%)
35	B.1	1 (2.44%)
35	B.1.1	1 (2.44%)
35	B.1.1.28	14 (34.15%)
35	B.1.1.33	21 (51.22%)
35	B.1.1.7 (Alpha)	0 (0.00%)
35	Other	4 (9.76%)
35	P.1 (Gamma)	0 (0.00%)
35	P.1.2	0 (0.00%)
35	P.2 (Zeta)	0 (0.00%)
36	B.1	1 (2.00%)
36	B.1.1	5 (10.00%)
36	B.1.1.28	7 (14.00%)
36	B.1.1.33	30 (60.00%)
36	B.1.1.7 (Alpha)	0 (0.00%)
36	Other	3 (6.00%)
36	P.1 (Gamma)	0 (0.00%)
36	P.1.2	0 (0.00%)
36	P.2 (Zeta)	4 (8.00%)
37	B.1	1 (3.70%)
37	B.1.1	0 (0.00%)
37	B.1.1.28	11 (40.74%)
37	B.1.1.33	13 (48.15%)
37	B.1.1.7 (Alpha)	0 (0.00%)
37	Other	0 (0.00%)
37	P.1 (Gamma)	1 (3.70%)
37	P.1.2	0 (0.00%)
37	P.2 (Zeta)	1 (3.70%)
38	B.1	0 (0.00%)
38	B.1.1	2 (4.17%)
38	B.1.1.28	18 (37.50%)
38	B.1.1.33	19 (39.58%)
38	B.1.1.7 (Alpha)	0 (0.00%)
38	Other	5 (10.42%)
38	P.1 (Gamma)	0 (0.00%)
38	P.1.2	0 (0.00%)
38	P.2 (Zeta)	4 (8.33%)
39	B.1	0 (0.00%)
39	B.1.1	8 (17.39%)
39	B.1.1.28	11 (23.91%)
39	B.1.1.33	22 (47.83%)
39	B.1.1.7 (Alpha)	0 (0.00%)
39	Other	1 (2.17%)
39	P.1 (Gamma)	0 (0.00%)
39	P.1.2	0 (0.00%)
39	P.2 (Zeta)	4 (8.70%)
40	B.1	2 (3.28%)
40	B.1.1	5 (8.20%)
40	B.1.1.28	22 (36.07%)
40	B.1.1.33	21 (34.43%)
40	B.1.1.7 (Alpha)	0 (0.00%)
40	Other	8 (13.11%)
40	P.1 (Gamma)	1 (1.64%)
40	P.1.2	0 (0.00%)
40	P.2 (Zeta)	2 (3.28%)
41	B.1	0 (0.00%)
41	B.1.1	2 (4.76%)
41	B.1.1.28	16 (38.10%)
41	B.1.1.33	18 (42.86%)
41	B.1.1.7 (Alpha)	0 (0.00%)
41	Other	2 (4.76%)
41	P.1 (Gamma)	0 (0.00%)

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Table 10 – continued from previous page

Epidemiologic week	Lineage	Cases
41	P.1.2	0 (0.00%)
41	P.2 (Zeta)	4 (9.52%)
42	B.1	0 (0.00%)
42	B.1.1	3 (7.50%)
42	B.1.1.28	14 (35.00%)
42	B.1.1.33	14 (35.00%)
42	B.1.1.7 (Alpha)	0 (0.00%)
42	Other	1 (2.50%)
42	P.1 (Gamma)	0 (0.00%)
42	P.1.2	0 (0.00%)
42	P.2 (Zeta)	8 (20.00%)
43	B.1	0 (0.00%)
43	B.1.1	3 (6.52%)
43	B.1.1.28	18 (39.13%)
43	B.1.1.33	8 (17.39%)
43	B.1.1.7 (Alpha)	0 (0.00%)
43	Other	3 (6.52%)
43	P.1 (Gamma)	0 (0.00%)
43	P.1.2	0 (0.00%)
43	P.2 (Zeta)	14 (30.43%)
44	B.1	0 (0.00%)
44	B.1.1	1 (1.23%)
44	B.1.1.28	28 (34.57%)
44	B.1.1.33	22 (27.16%)
44	B.1.1.7 (Alpha)	0 (0.00%)
44	Other	2 (2.47%)
44	P.1 (Gamma)	1 (1.23%)
44	P.1.2	0 (0.00%)
44	P.2 (Zeta)	27 (33.33%)
45	B.1	3 (3.23%)
45	B.1.1	10 (10.75%)
45	B.1.1.28	22 (23.66%)
45	B.1.1.33	15 (16.13%)
45	B.1.1.7 (Alpha)	0 (0.00%)
45	Other	12 (12.90%)
45	P.1 (Gamma)	1 (1.08%)
45	P.1.2	0 (0.00%)
45	P.2 (Zeta)	30 (32.26%)
46	B.1	1 (1.25%)
46	B.1.1	5 (6.25%)
46	B.1.1.28	30 (37.50%)
46	B.1.1.33	14 (17.50%)
46	B.1.1.7 (Alpha)	0 (0.00%)
46	Other	15 (18.75%)
46	P.1 (Gamma)	0 (0.00%)
46	P.1.2	0 (0.00%)
46	P.2 (Zeta)	15 (18.75%)
47	B.1	2 (2.06%)
47	B.1.1	4 (4.12%)
47	B.1.1.28	41 (42.27%)
47	B.1.1.33	8 (8.25%)
47	B.1.1.7 (Alpha)	0 (0.00%)
47	Other	9 (9.28%)
47	P.1 (Gamma)	3 (3.09%)
47	P.1.2	0 (0.00%)
47	P.2 (Zeta)	30 (30.93%)
48	B.1	0 (0.00%)
48	B.1.1	4 (2.11%)
48	B.1.1.28	71 (37.37%)
48	B.1.1.33	16 (8.42%)
48	B.1.1.7 (Alpha)	0 (0.00%)
48	Other	12 (6.32%)
48	P.1 (Gamma)	0 (0.00%)
48	P.1.2	0 (0.00%)
48	P.2 (Zeta)	87 (45.79%)
49	B.1	2 (1.64%)
49	B.1.1	5 (4.10%)
49	B.1.1.28	46 (37.70%)
49	B.1.1.33	14 (11.48%)
49	B.1.1.7 (Alpha)	0 (0.00%)
49	Other	9 (7.38%)
49	P.1 (Gamma)	2 (1.64%)
49	P.1.2	0 (0.00%)
49	P.2 (Zeta)	44 (36.07%)

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Table 10 – continued from previous page

Epidemiologic week	Lineage	Cases
50	B.1	3 (2.19%)
50	B.1.1	4 (2.92%)
50	B.1.1.28	39 (28.47%)
50	B.1.1.33	12 (8.76%)
50	B.1.1.7 (Alpha)	0 (0.00%)
50	Other	18 (13.14%)
50	P.1 (Gamma)	2 (1.46%)
50	P.1.2	0 (0.00%)
50	P.2 (Zeta)	59 (43.07%)
51	B.1	1 (0.72%)
51	B.1.1	7 (5.04%)
51	B.1.1.28	20 (14.39%)
51	B.1.1.33	18 (12.95%)
51	B.1.1.7 (Alpha)	0 (0.00%)
51	Other	15 (10.79%)
51	P.1 (Gamma)	24 (17.27%)
51	P.1.2	0 (0.00%)
51	P.2 (Zeta)	54 (38.85%)
52	B.1	0 (0.00%)
52	B.1.1	9 (5.29%)
52	B.1.1.28	23 (13.53%)
52	B.1.1.33	5 (2.94%)
52	B.1.1.7 (Alpha)	4 (2.35%)
52	Other	26 (15.29%)
52	P.1 (Gamma)	49 (28.82%)
52	P.1.2	0 (0.00%)
52	P.2 (Zeta)	54 (31.76%)
53	B.1	0 (0.00%)
53	B.1.1	3 (2.40%)
53	B.1.1.28	16 (12.80%)
53	B.1.1.33	5 (4.00%)
53	B.1.1.7 (Alpha)	3 (2.40%)
53	Other	14 (11.20%)
53	P.1 (Gamma)	29 (23.20%)
53	P.1.2	0 (0.00%)
53	P.2 (Zeta)	55 (44.00%)
54	B.1	0 (0.00%)
54	B.1.1	6 (2.27%)
54	B.1.1.28	23 (8.71%)
54	B.1.1.33	14 (5.30%)
54	B.1.1.7 (Alpha)	17 (6.44%)
54	Other	27 (10.23%)
54	P.1 (Gamma)	76 (28.79%)
54	P.1.2	0 (0.00%)
54	P.2 (Zeta)	101 (38.26%)
55	B.1	1 (0.43%)
55	B.1.1	2 (0.87%)
55	B.1.1.28	29 (12.61%)
55	B.1.1.33	9 (3.91%)
55	B.1.1.7 (Alpha)	16 (6.96%)
55	Other	21 (9.13%)
55	P.1 (Gamma)	43 (18.70%)
55	P.1.2	0 (0.00%)
55	P.2 (Zeta)	109 (47.39%)
56	B.1	0 (0.00%)
56	B.1.1	1 (0.39%)
56	B.1.1.28	24 (9.38%)
56	B.1.1.33	11 (4.30%)
56	B.1.1.7 (Alpha)	12 (4.69%)
56	Other	17 (6.64%)
56	P.1 (Gamma)	92 (35.94%)
56	P.1.2	0 (0.00%)
56	P.2 (Zeta)	99 (38.67%)
57	B.1	0 (0.00%)
57	B.1.1	3 (1.28%)
57	B.1.1.28	16 (6.81%)
57	B.1.1.33	9 (3.83%)
57	B.1.1.7 (Alpha)	6 (2.55%)
57	Other	11 (4.68%)
57	P.1 (Gamma)	76 (32.34%)
57	P.1.2	0 (0.00%)
57	P.2 (Zeta)	114 (48.51%)
58	B.1	0 (0.00%)
58	B.1.1	6 (2.11%)

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Table 10 – continued from previous page

Epidemiologic week	Lineage	Cases
58	B.1.1.28	37 (12.98%)
58	B.1.1.33	4 (1.40%)
58	B.1.1.7 (Alpha)	3 (1.05%)
58	Other	20 (7.02%)
58	P.1 (Gamma)	106 (37.19%)
58	P.1.2	2 (0.70%)
58	P.2 (Zeta)	107 (37.54%)
59	B.1	3 (0.97%)
59	B.1.1	16 (5.16%)
59	B.1.1.28	27 (8.71%)
59	B.1.1.33	1 (0.32%)
59	B.1.1.7 (Alpha)	10 (3.23%)
59	Other	13 (4.19%)
59	P.1 (Gamma)	123 (39.68%)
59	P.1.2	0 (0.00%)
59	P.2 (Zeta)	117 (37.74%)
60	B.1	0 (0.00%)
60	B.1.1	14 (6.14%)
60	B.1.1.28	15 (6.58%)
60	B.1.1.33	1 (0.44%)
60	B.1.1.7 (Alpha)	8 (3.51%)
60	Other	15 (6.58%)
60	P.1 (Gamma)	120 (52.63%)
60	P.1.2	2 (0.88%)
60	P.2 (Zeta)	53 (23.25%)
61	B.1	2 (0.52%)
61	B.1.1	8 (2.09%)
61	B.1.1.28	15 (3.92%)
61	B.1.1.33	0 (0.00%)
61	B.1.1.7 (Alpha)	8 (2.09%)
61	Other	16 (4.18%)
61	P.1 (Gamma)	237 (61.88%)
61	P.1.2	13 (3.39%)
61	P.2 (Zeta)	84 (21.93%)
62	B.1	6 (1.55%)
62	B.1.1	22 (5.68%)
62	B.1.1.28	25 (6.46%)
62	B.1.1.33	0 (0.00%)
62	B.1.1.7 (Alpha)	10 (2.58%)
62	Other	18 (4.65%)
62	P.1 (Gamma)	265 (68.48%)
62	P.1.2	7 (1.81%)
62	P.2 (Zeta)	34 (8.79%)
63	B.1	0 (0.00%)
63	B.1.1	2 (0.45%)
63	B.1.1.28	9 (2.02%)
63	B.1.1.33	0 (0.00%)
63	B.1.1.7 (Alpha)	20 (4.48%)
63	Other	5 (1.12%)
63	P.1 (Gamma)	350 (78.48%)
63	P.1.2	22 (4.93%)
63	P.2 (Zeta)	38 (8.52%)
64	B.1	0 (0.00%)
64	B.1.1	1 (0.30%)
64	B.1.1.28	12 (3.59%)
64	B.1.1.33	0 (0.00%)
64	B.1.1.7 (Alpha)	11 (3.29%)
64	Other	1 (0.30%)
64	P.1 (Gamma)	287 (85.93%)
64	P.1.2	8 (2.40%)
64	P.2 (Zeta)	14 (4.19%)
65	B.1	0 (0.00%)
65	B.1.1	0 (0.00%)
65	B.1.1.28	43 (3.82%)
65	B.1.1.33	0 (0.00%)
65	B.1.1.7 (Alpha)	42 (3.73%)
65	Other	7 (0.62%)
65	P.1 (Gamma)	941 (83.50%)
65	P.1.2	18 (1.60%)
65	P.2 (Zeta)	76 (6.74%)
66	B.1	0 (0.00%)
66	B.1.1	0 (0.00%)
66	B.1.1.28	19 (3.51%)
66	B.1.1.33	0 (0.00%)

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Table 10 – continued from previous page

Epidemiologic week	Lineage	Cases
66	B.1.1.7 (Alpha)	24 (4.44%)
66	Other	0 (0.00%)
66	P.1 (Gamma)	476 (87.99%)
66	P.1.2	10 (1.85%)
66	P.2 (Zeta)	12 (2.22%)
67	B.1	0 (0.00%)
67	B.1.1	3 (0.29%)
67	B.1.1.28	22 (2.09%)
67	B.1.1.33	0 (0.00%)
67	B.1.1.7 (Alpha)	44 (4.18%)
67	Other	3 (0.29%)
67	P.1 (Gamma)	934 (88.78%)
67	P.1.2	29 (2.76%)
67	P.2 (Zeta)	17 (1.62%)
68	B.1	0 (0.00%)
68	B.1.1	4 (0.64%)
68	B.1.1.28	20 (3.18%)
68	B.1.1.33	0 (0.00%)
68	B.1.1.7 (Alpha)	16 (2.55%)
68	Other	1 (0.16%)
68	P.1 (Gamma)	564 (89.81%)
68	P.1.2	16 (2.55%)
68	P.2 (Zeta)	7 (1.11%)
69	B.1	1 (0.11%)
69	B.1.1	1 (0.11%)
69	B.1.1.28	20 (2.24%)
69	B.1.1.33	0 (0.00%)
69	B.1.1.7 (Alpha)	33 (3.70%)
69	Other	2 (0.22%)
69	P.1 (Gamma)	801 (89.80%)
69	P.1.2	29 (3.25%)
69	P.2 (Zeta)	5 (0.56%)
70	B.1	0 (0.00%)
70	B.1.1	2 (0.38%)
70	B.1.1.28	10 (1.90%)
70	B.1.1.33	0 (0.00%)
70	B.1.1.7 (Alpha)	13 (2.47%)
70	Other	4 (0.76%)
70	P.1 (Gamma)	482 (91.46%)
70	P.1.2	14 (2.66%)
70	P.2 (Zeta)	2 (0.38%)

Table 10: SARS-CoV-2 variants stratified by epidemiologic week.

Age group	Whole pandemic		First Wave		Second wave		Second wave vs first wave	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Difference	99.5% CI
Cases with Chronic Cardiovascular Disease								
0 to 19	419 (0.17%)	114 (27.21%)	242 (0.21%)	58 (23.97%)	177 (0.14%)	56 (31.64%)	7.67%	-0.94 - 16.39
20 to 39	7 853 (3.25%)	1 799 (22.91%)	3 976 (3.41%)	776 (19.52%)	3 877 (3.10%)	1 023 (26.39%)	6.87%	5.01 - 8.72
40 to 49	19 784 (8.19%)	5 177 (26.17%)	9 400 (8.06%)	2 097 (22.31%)	10 384 (8.30%)	3 080 (29.66%)	7.35%	6.13 - 8.57
50 to 59	41 425 (17.14%)	13 128 (31.69%)	19 564 (16.78%)	5 463 (27.92%)	21 861 (17.47%)	7 665 (35.06%)	7.14%	6.25 - 8.03
60 to 69	64 313 (26.61%)	27 994 (43.53%)	29 680 (25.46%)	11 949 (40.26%)	34 633 (27.68%)	16 045 (46.33%)	6.07%	5.30 - 6.83
70 to 79	61 154 (25.30%)	32 949 (53.88%)	29 063 (24.93%)	14 947 (51.43%)	32 091 (25.65%)	18 002 (56.10%)	4.67%	3.88 - 5.46
80 +	46 747 (19.34%)	29 703 (63.54%)	24 638 (21.14%)	15 476 (62.81%)	22 109 (17.67%)	14 227 (64.35%)	1.54%	0.66 - 2.41
Total	241 695	110 864 (45.87%)	116 563 (48.23%)	50 766 (43.55%)	125 132 (51.77%)	60 098 (48.03%)	4.48%	4.08 - 4.87
Cases with Diabetes mellitus								
0 to 19	229 (0.13%)	36 (15.72%)	143 (0.17%)	27 (18.88%)	86 (0.10%)	9 (10.47%)	-8.41%	-17.10 - 1.53
20 to 39	6 007 (3.50%)	1 562 (26.00%)	3 237 (3.78%)	761 (23.51%)	2 770 (3.22%)	801 (28.92%)	5.41%	3.18 - 7.64
40 to 49	14 485 (8.43%)	4 262 (29.42%)	7 508 (8.76%)	1 996 (26.58%)	6 977 (8.10%)	2 266 (32.48%)	5.90%	4.41 - 7.38
50 to 59	31 992 (18.62%)	11 202 (35.02%)	15 943 (18.60%)	5 026 (31.52%)	16 049 (18.63%)	6 176 (38.48%)	6.96%	5.91 - 8.00
60 to 69	49 783 (28.97%)	22 801 (45.80%)	23 893 (27.88%)	10 299 (43.10%)	25 890 (30.06%)	12 502 (48.29%)	5.19%	4.31 - 6.06
70 to 79	43 532 (25.33%)	24 123 (55.41%)	21 324 (24.88%)	11 395 (53.44%)	22 208 (25.78%)	12 728 (57.31%)	3.87%	2.94 - 4.81
80 +	25 817 (15.02%)	16 686 (64.63%)	13 665 (15.94%)	8 773 (64.20%)	12 152 (14.11%)	7 913 (65.12%)	0.92%	-0.25 - 2.08
Total	171 845	80 672 (46.94%)	85 713 (49.88%)	38 277 (44.66%)	86 132 (50.12%)	42 395 (49.22%)	4.56%	4.09 - 5.04
Cases with Obesity								
0 to 19	224 (0.41%)	41 (18.30%)	90 (0.45%)	15 (16.67%)	134 (0.39%)	26 (19.40%)	2.73%	-8.00 - 12.54
20 to 39	10 046 (18.58%)	2 717 (27.05%)	3 670 (18.46%)	749 (20.41%)	6 376 (18.65%)	1 968 (30.87%)	10.46%	8.71 - 12.17
40 to 49	10 818 (20.01%)	3 582 (33.11%)	3 981 (20.03%)	1 050 (26.38%)	6 837 (20.00%)	2 532 (37.03%)	10.65%	8.86 - 12.43
50 to 59	12 134 (22.44%)	4 929 (40.62%)	4 366 (21.96%)	1 463 (33.51%)	7 768 (22.72%)	3 466 (44.62%)	11.11%	9.32 - 12.88
60 to 69	11 584 (21.43%)	6 053 (52.25%)	4 154 (20.90%)	1 935 (46.58%)	7 430 (21.73%)	4 118 (55.42%)	8.84%	6.95 - 10.73
70 to 79	6 545 (12.11%)	4 025 (61.50%)	2 527 (12.71%)	1 481 (58.61%)	4 018 (11.75%)	2 544 (63.32%)	4.71%	2.28 - 7.14
80 +	2 715 (5.02%)	1 855 (68.32%)	1 091 (5.49%)	744 (68.19%)	1 624 (4.75%)	1 111 (68.41%)	0.22%	-3.33 - 3.81
Total	54 066	23 202 (42.91%)	19 879 (36.77%)	7 437 (37.41%)	34 187 (63.23%)	15 765 (46.11%)	8.70%	7.85 - 9.56
Cases with Chronic Kidney Disease								
0 to 19	151 (0.57%)	40 (26.49%)	104 (0.70%)	27 (25.96%)	47 (0.40%)	13 (27.66%)	1.70%	-12.41 - 17.65
20 to 39	1 419 (5.35%)	495 (34.88%)	833 (5.61%)	258 (30.97%)	586 (5.03%)	237 (40.44%)	9.47%	4.41 - 14.52
40 to 49	2 267 (8.55%)	983 (43.36%)	1 290 (8.68%)	523 (40.54%)	977 (8.38%)	460 (47.06%)	6.54%	2.42 - 10.64
50 to 59	4 219 (15.91%)	2 173 (51.51%)	2 382 (16.03%)	1 156 (48.53%)	1 837 (15.76%)	1 017 (55.36%)	6.83%	3.79 - 9.85
60 to 69	6 610 (24.93%)	4 020 (60.82%)	3 661 (24.64%)	2 195 (59.96%)	2 949 (25.30%)	1 825 (61.89%)	1.93%	-0.44 - 4.29
70 to 79	6 636 (25.03%)	4 476 (67.45%)	3 636 (24.47%)	2 388 (65.68%)	3 000 (25.73%)	2 088 (69.60%)	3.92%	1.66 - 6.17
80 +	5 214 (19.66%)	3 834 (73.53%)	2 952 (19.87%)	2 148 (72.76%)	2 262 (19.40%)	1 686 (74.54%)	1.78%	-0.65 - 4.17
Total	26 516	16 021 (60.42%)	14 858 (56.03%)	8 695 (58.52%)	11 658 (43.97%)	7 326 (62.84%)	4.32%	3.14 - 5.50
Cases with Chronic Neurological Disease								
0 to 19	577 (2.21%)	122 (21.14%)	317 (2.21%)	57 (17.98%)	260 (2.22%)	65 (25.00%)	7.02%	0.32 - 13.81
20 to 39	1 135 (4.36%)	388 (34.19%)	587 (4.10%)	168 (28.62%)	548 (4.67%)	220 (40.15%)	11.53%	6.00 - 16.97
40 to 49	1 135 (4.36%)	432 (38.06%)	571 (3.98%)	200 (35.03%)	564 (4.81%)	232 (41.13%)	6.10%	0.46 - 11.71
50 to 59	2 178 (8.36%)	937 (43.02%)	1 111 (7.75%)	447 (40.23%)	1 067 (9.10%)	490 (45.92%)	5.69%	1.53 - 9.82
60 to 69	3 855 (14.79%)	2 031 (52.68%)	2 034 (14.19%)	1 039 (51.08%)	1 821 (15.53%)	992 (54.48%)	3.40%	0.24 - 6.54
70 to 79	6 524 (25.04%)	4 030 (61.77%)	3 594 (25.07%)	2 161 (60.13%)	2 930 (24.99%)	1 869 (63.79%)	3.66%	1.29 - 6.02
80 +	10 655 (40.89%)	7 413 (69.57%)	6 120 (42.70%)	4 264 (69.67%)	4 535 (38.68%)	3 149 (69.44%)	-0.23%	-2.01 - 1.53
Total	26 059	15 353 (58.92%)	14 334 (55.01%)	8 336 (58.16%)	11 725 (44.99%)	7 017 (59.85%)	1.69%	0.49 - 2.89
Cases with Other Chronic Pneumatopathy								
0 to 19	231 (0.92%)	35 (15.15%)	145 (1.07%)	23 (15.86%)	86 (0.74%)	12 (13.95%)	-1.91%	-10.85 - 8.30
20 to 39	865 (3.44%)	212 (24.51%)	508 (3.77%)	113 (22.24%)	357 (3.07%)	99 (27.73%)	5.49%	-0.33 - 11.42
40 to 49	1 161 (4.62%)	383 (32.99%)	633 (4.69%)	183 (28.91%)	528 (4.54%)	200 (37.88%)	8.97%	3.53 - 14.38
50 to 59	2 690 (10.71%)	1 127 (41.90%)	1 505 (11.16%)	604 (40.13%)	1 185 (10.19%)	523 (44.14%)	4.01%	0.25 - 7.75
60 to 69	6 034 (24.02%)	3 205 (53.12%)	3 109 (23.04%)	1 634 (52.56%)	2 925 (25.15%)	1 571 (53.71%)	1.15%	-1.37 - 3.67
70 to 79	7 426 (29.56%)	4 544 (61.19%)	3 896 (28.88%)	2 337 (59.98%)	3 530 (30.35%)	2 207 (62.52%)	2.54%	0.32 - 4.75
80 +	6 714 (26.73%)	4 676 (69.65%)	3 695 (27.39%)	2 526 (68.36%)	3 019 (25.96%)	2 150 (71.22%)	2.86%	0.64 - 5.05
Total	25 121	14 182 (56.45%)	13 491 (53.70%)	7 420 (55.00%)	11 630 (46.30%)	6 762 (58.14%)	3.14%	1.91 - 4.37
Cases with Asthma								
0 to 19	723 (3.92%)	34 (4.70%)	470 (5.08%)	20 (4.26%)	253 (2.75%)	14 (5.53%)	1.27%	-1.86 - 5.12
20 to 39	3 207 (17.37%)	482 (15.03%)	1 663 (17.96%)	189 (11.37%)	1 544 (16.77%)	293 (18.98%)	7.61%	5.13 - 10.10
40 to 49	3 059 (16.56%)	668 (21.84%)	1 507 (16.27%)	273 (18.12%)	1 552 (16.86%)	395 (25.45%)	7.33%	4.42 - 10.24
50 to 59	3 338 (18.08%)	900 (26.96%)	1 633 (17.63%)	389 (23.82%)	1 705 (18.52%)	511 (29.97%)	6.15%	3.14 - 9.14
60 to 69	3 488 (18.89%)	1 366 (39.16%)	1 673 (18.07%)	581 (34.73%)	1 815 (19.72%)	785 (43.25%)	8.52%	5.29 - 11.73
70 to 79	2 706 (14.65%)	1 317 (48.67%)	1 293 (13.96%)	598 (46.25%)	1 413 (15.35%)	719 (50.88%)	4.63%	0.87 - 8.39
80 +	1 946 (10.54%)	1 154 (59.30%)	1 022 (11.04%)	597 (58.41%)	924 (10.04%)	557 (60.28%)	1.87%	-2.50 - 6.22
Total	18 467	5 921 (32.06%)	9 261 (50.15%)	2 647 (28.58%)	9 206 (49.85%)	3 274 (35.56%)	6.98%	5.64 - 8.32
Cases with Immunodeficiency or Immunosuppression								
0 to 19	451 (2.57%)	115 (25.50%)	346 (3.52%)	82 (23.70%)	105 (1.36%)	33 (31.43%)	7.73%	-1.65 - 18.02
20 to 39	1 936 (11.05%)	723 (37.35%)	1 191 (12.13%)	424 (35.60%)	745 (9.67%)	299 (40.13%)	4.53%	0.11 - 8.98
40 to 49	2 179 (12.43%)	854 (39.19%)	1 200 (12.22%)	457 (38.08%)	979 (12.71%)	397 (40.55%)	2.47%	-1.65 - 6.59

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Table 19 – continued from previous page

Faixa Etária	Whole pandemic		First Wave		Second wave		Second wave vs first wave	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Difference	99.5% CI
50 to 59	3 429 (19.57%)	1 487 (43.37%)	1 911 (19.46%)	807 (42.23%)	1 518 (19.70%)	680 (44.80%)	2.57%	-0.77 - 5.90
60 to 69	4 242 (24.21%)	2 341 (55.19%)	2 264 (23.05%)	1 229 (54.28%)	1 978 (25.67%)	1 112 (56.22%)	1.94%	-1.07 - 4.93
70 to 79	3 216 (18.35%)	2 030 (63.12%)	1 781 (18.13%)	1 105 (62.04%)	1 435 (18.63%)	925 (64.46%)	2.42%	-0.94 - 5.75
80 +	2 072 (11.82%)	1 484 (71.62%)	1 128 (11.49%)	804 (71.28%)	944 (12.25%)	680 (72.03%)	0.75%	-3.15 - 4.63
Total	17 525	9 034 (51.55%)	9 821 (56.04%)	4 908 (49.97%)	7 704 (43.96%)	4 126 (53.56%)	3.59%	2.09 - 5.07
Cases with Chronic Liver Disease								
0 to 19	58 (0.99%)	17 (29.31%)	31 (0.98%)	7 (22.58%)	27 (0.99%)	10 (37.04%)	14.46%	-8.72 - 36.28
20 to 39	372 (6.32%)	145 (38.98%)	214 (6.78%)	76 (35.51%)	158 (5.80%)	69 (43.67%)	8.16%	-1.84 - 18.06
40 to 49	690 (11.73%)	297 (43.04%)	369 (11.68%)	159 (43.09%)	321 (11.78%)	138 (42.99%)	-0.10%	-7.45 - 7.28
50 to 59	1 349 (22.93%)	687 (50.93%)	706 (22.36%)	354 (50.14%)	643 (23.59%)	333 (51.79%)	1.65%	-3.69 - 6.96
60 to 69	1 636 (27.80%)	956 (58.44%)	835 (26.44%)	474 (56.77%)	801 (29.38%)	482 (60.17%)	3.40%	-1.37 - 8.16
70 to 79	1 169 (19.87%)	781 (66.81%)	641 (20.30%)	434 (67.71%)	528 (19.37%)	347 (65.72%)	-1.99%	-7.42 - 3.42
80 +	610 (10.37%)	458 (75.08%)	362 (11.46%)	280 (77.35%)	248 (9.10%)	178 (71.77%)	-5.58%	-12.71 - 1.39
Total	5 884	3 341 (56.78%)	3 158 (53.67%)	1 784 (56.49%)	2 726 (46.33%)	1 557 (57.12%)	0.63%	-1.91 - 3.16
Cases with Chronic Hematological Disease								
0 to 19	228 (4.44%)	45 (19.74%)	160 (5.45%)	28 (17.50%)	68 (3.09%)	17 (25.00%)	7.50%	-3.49 - 20.03
20 to 39	569 (11.09%)	180 (31.63%)	342 (11.66%)	106 (30.99%)	227 (10.33%)	74 (32.60%)	1.61%	-6.08 - 9.48
40 to 49	511 (9.96%)	182 (35.62%)	291 (9.92%)	98 (33.68%)	220 (10.01%)	84 (38.18%)	4.50%	-3.83 - 12.88
50 to 59	822 (16.02%)	330 (40.15%)	437 (14.89%)	168 (38.44%)	385 (17.52%)	162 (42.08%)	3.64%	-3.07 - 10.31
60 to 69	1 134 (22.10%)	614 (54.14%)	621 (21.17%)	333 (53.62%)	513 (23.34%)	281 (54.78%)	1.16%	-4.66 - 6.95
70 to 79	1 060 (20.65%)	629 (59.34%)	621 (21.17%)	359 (57.81%)	439 (19.97%)	270 (61.50%)	3.69%	-2.31 - 9.61
80 +	808 (15.74%)	552 (68.32%)	462 (15.75%)	308 (66.67%)	346 (15.74%)	244 (70.52%)	3.85%	-2.65 - 10.20
Total	5 132	2 532 (49.34%)	2 934 (57.17%)	1 400 (47.72%)	2 198 (42.83%)	1 132 (51.50%)	3.78%	1.02 - 6.54
Cases with Down syndrome								
0 to 19	157 (8.61%)	38 (24.20%)	74 (8.57%)	14 (18.92%)	83 (8.65%)	24 (28.92%)	10.00%	-3.51 - 22.80
20 to 39	438 (24.03%)	181 (41.32%)	192 (22.25%)	69 (35.94%)	246 (25.62%)	112 (45.53%)	9.59%	0.30 - 18.57
40 to 49	256 (14.04%)	111 (43.36%)	119 (13.79%)	47 (39.50%)	137 (14.27%)	64 (46.72%)	7.22%	-4.91 - 18.99
50 to 59	311 (17.06%)	123 (39.55%)	153 (17.73%)	58 (37.91%)	158 (16.46%)	65 (41.14%)	3.23%	-7.57 - 13.91
60 to 69	288 (15.80%)	138 (47.92%)	133 (15.41%)	61 (45.86%)	155 (16.15%)	77 (49.68%)	3.82%	-7.68 - 15.14
70 to 79	231 (12.67%)	120 (51.95%)	110 (12.75%)	59 (53.64%)	121 (12.60%)	61 (50.41%)	-3.23%	-15.83 - 9.54
80 +	142 (7.79%)	86 (60.56%)	82 (9.50%)	45 (54.88%)	60 (6.25%)	41 (68.33%)	13.45%	-2.80 - 28.38
Total	1 823	797 (43.72%)	863 (47.34%)	353 (40.90%)	960 (52.66%)	444 (46.25%)	5.35%	0.79 - 9.87
Cases with Puerperal								
0 to 19	106 (7.10%)	12 (11.32%)	68 (8.37%)	6 (8.82%)	38 (5.59%)	6 (15.79%)	6.97%	-5.40 - 22.33
20 to 39	1 244 (83.38%)	268 (21.54%)	661 (81.40%)	102 (15.43%)	583 (85.74%)	166 (28.47%)	13.04%	8.45 - 17.62
40 to 49	142 (9.52%)	27 (19.01%)	83 (10.22%)	12 (14.46%)	59 (8.68%)	15 (25.42%)	10.96%	-2.12 - 24.71
50 to 59	0 (0.00%)	0 (0%)	0 (0.00%)	0 (0%)	0 (0.00%)	0 (0%)	-	-
60 to 69	0 (0.00%)	0 (0%)	0 (0.00%)	0 (0%)	0 (0.00%)	0 (0%)	-	-
70 to 79	0 (0.00%)	0 (0%)	0 (0.00%)	0 (0%)	0 (0.00%)	0 (0%)	-	-
80 +	0 (0.00%)	0 (0%)	0 (0.00%)	0 (0%)	0 (0.00%)	0 (0%)	-	-
Total	1 492	307 (20.58%)	812 (54.42%)	120 (14.78%)	680 (45.58%)	187 (27.50%)	12.72%	8.58 - 16.88

Table 19: Risk factors stratified by age group and wave.

Federative unit	First wave	Second wave
Acre	116.830	132.700
Alagoas	68.390	55.110
Amapá	34.930	14.040
Amazonas	105.070	114.430
Bahia	78.740	77.800
Ceará	121.250	104.770
Distrito Federal	383.750	294.260
Espírito Santo	78.170	61.320
Goiás	167.830	151.470
Maranhão	27.250	9.230
Mato Grosso	62.560	45.830
Mato Grosso do Sul	157.690	221.190
Minas Gerais	110.390	183.670
Paraná	160.800	307.920
Paraíba	77.290	123.780
Pará	82.810	54.400
Pernambuco	158.780	39.920
Piauí	114.580	53.660
Rio Grande do Norte	86.190	106.700
Rio Grande do Sul	163.060	284.870
Rio de Janeiro	171.760	143.490
Rondônia	69.470	80.490
Roraima	79.690	76.210
Santa Catarina	99.220	139.980
Sergipe	95.740	107.170
São Paulo	268.870	272.330
Tocantins	65.210	39.110

Table 11: Hospitalizations per 100,000 inhabitants in each state of Brazil.

Federative unit	First wave	Second wave
Acre	908.700	1032.170
Alagoas	591.790	476.890
Amapá	299.500	120.400
Amazonas	1259.540	1371.790
Bahia	635.870	628.300
Ceará	888.280	767.540
Distrito Federal	2618.720	2008.040
Espírito Santo	624.780	490.070
Goiás	1052.450	949.840
Maranhão	195.700	66.310
Mato Grosso	499.430	365.860
Mato Grosso do Sul	1251.770	1755.860
Minas Gerais	833.300	1386.460
Paraná	1001.510	1917.850
Paraíba	541.540	867.300
Pará	774.120	508.550
Pernambuco	1022.980	257.200
Piauí	757.450	354.750
Rio Grande do Norte	629.340	779.130
Rio Grande do Sul	907.390	1585.280
Rio de Janeiro	1308.810	1093.370
Rondônia	407.710	472.390
Roraima	476.330	455.490
Santa Catarina	727.680	1026.600
Sergipe	1182.110	1323.220
São Paulo	1993.230	2018.910
Tocantins	676.450	405.740

Table 12: Hospitalizations per 1000 hospital beds in each state of Brazil.

Federative unit	First wave	Second wave
Acre	158.060	287.100
Alagoas	2660.630	1493.210
Amapá	845.160	516.130
Amazonas	2836.650	3139.440
Bahia	2704.210	2638.870
Ceará	2448.210	2391.940
Distrito Federal	5460.980	4268.910
Espírito Santo	1591.860	1883.260
Goiás	3112.950	2938.610
Maranhão	511.310	410.630
Mato Grosso	979.900	726.130
Mato Grosso do Sul	2873.210	5495.220
Minas Gerais	1805.600	2970.130
Paraná	3875.350	7353.070
Paraíba	2380.530	4076.110
Pará	1690.840	1645.510
Pernambuco	1655.210	659.220
Piauí	2693.650	1192.560
Rio Grande do Norte	1884.960	2637.170
Rio Grande do Sul	3060.990	5119.470
Rio de Janeiro	4692.540	3672.560
Rondônia	1633.330	2074.360
Roraima	1187.500	1552.080
Santa Catarina	1801.730	2207.640
Sergipe	1850.700	2752.110
São Paulo	4641.320	4930.900
Tocantins	913.670	942.450

Table 13: Hospitalizations per 1000 ICU beds in each state of Brazil.

Federative unit	First wave	Second wave
Acre	337.800	394.270
Alagoas	537.090	356.790
Amapá	571.430	454.550
Amazonas	498.760	518.380
Bahia	414.170	377.750
Ceará	453.540	528.730
Distrito Federal	282.330	356.840
Espírito Santo	551.780	609.550
Goiás	369.210	424.870
Maranhão	509.540	540.330
Mato Grosso	302.810	344.680
Mato Grosso do Sul	290.070	489.380
Minas Gerais	313.210	385.290
Paraná	290.130	347.010
Paraíba	516.340	478
Pará	455.610	550.970
Pernambuco	431.860	488.670
Piauí	337.770	404.320
Rio Grande do Norte	420.220	464.070
Rio Grande do Sul	311.020	421.040
Rio de Janeiro	462.340	476.820
Rondônia	436.700	495.160
Roraima	481.110	511.430
Santa Catarina	298.360	375.790
Sergipe	616.220	685.310
São Paulo	288.870	339.760
Tocantins	522.660	728.300

Table 14: Deaths per 1000 hospitalizations in each state of Brazil.

Federative unit	First wave	Second wave
Acre	571.430	842.700
Alagoas	809.520	677.270
Amapá	709.920	575
Amazonas	783.710	813.450
Bahia	577.420	568.100
Ceará	667.280	778.400
Distrito Federal	459.440	586.610
Espírito Santo	691.870	653.530
Goiás	609.150	645.500
Maranhão	719.030	763.090
Mato Grosso	524.360	605.540
Mato Grosso do Sul	664.450	850.240
Minas Gerais	553.310	689.660
Paraná	538.500	678.610
Paraíba	808.920	765.960
Pará	778.020	885.400
Pernambuco	670.240	694.180
Piauí	713.240	777.980
Rio Grande do Norte	640.850	714.770
Rio Grande do Sul	556.910	708.960
Rio de Janeiro	566.830	610.400
Rondônia	712.720	761.430
Roraima	789.470	852.350
Santa Catarina	513.410	650.880
Sergipe	713.850	885.360
São Paulo	498.190	560.020
Tocantins	862.200	900.760

Table 15: Deaths per 1000 hospitalizations in ICU in each state of Brazil.

Federative unit	First wave	Second wave
Acre	306.960	406.960
Alagoas	317.840	170.150
Amapá	171.140	54.730
Amazonas	628.210	711.110
Bahia	263.360	237.340
Ceará	402.870	405.820
Distrito Federal	739.330	716.550
Espírito Santo	344.740	298.720
Goiás	388.580	403.560
Maranhão	99.720	35.830
Mato Grosso	151.230	126.100
Mato Grosso do Sul	363.100	859.280
Minas Gerais	261	534.190
Paraná	290.570	665.510
Paraíba	279.620	414.570
Pará	352.690	280.200
Pernambuco	441.780	125.690
Piauí	255.840	143.430
Rio Grande do Norte	264.460	361.570
Rio Grande do Sul	282.210	667.460
Rio de Janeiro	605.110	521.350
Rondônia	178.050	233.910
Roraima	229.170	232.950
Santa Catarina	217.110	385.780
Sergipe	728.430	906.820
São Paulo	575.780	685.940
Tocantins	353.560	295.500

Table 16: Deaths per 1000 hospital beds in each state of Brazil.

Federative unit	First wave	Second wave
Acre	90.320	241.940
Alagoas	2153.850	1011.310
Amapá	600	296.770
Amazonas	2223.110	2553.780
Bahia	1561.480	1499.140
Ceará	1633.630	1861.890
Distrito Federal	2509	2504.200
Espírito Santo	1101.360	1230.770
Goiás	1896.260	1896.870
Maranhão	367.650	313.350
Mato Grosso	513.820	439.700
Mato Grosso do Sul	1909.090	4672.250
Minas Gerais	999.050	2048.360
Paraná	2086.860	4989.850
Paraíba	1925.660	3122.120
Pará	1315.500	1456.940
Pernambuco	1109.390	457.620
Piauí	1921.230	927.790
Rio Grande do Norte	1207.960	1884.960
Rio Grande do Sul	1704.680	3629.490
Rio de Janeiro	2659.880	2241.740
Rondônia	1164.100	1579.490
Roraima	937.500	1322.920
Santa Catarina	925.020	1436.910
Sergipe	1321.130	2436.620
São Paulo	2312.280	2761.400
Tocantins	787.770	848.920

Table 17: Deaths per 1000 ICU beds in each state of Brazil.

Federative unit	Hospital beds	ICU beds
Acre	128.570	34.660
Alagoas	115.560	13.190
Amapá	116.620	17.990
Amazonas	83.420	11.930
Bahia	123.830	15.580
Ceará	136.500	17.020
Distrito Federal	146.540	27.270
Espírito Santo	125.120	27.190
Goiás	159.470	22.900
Maranhão	139.260	12.430
Mato Grosso	125.260	22.570
Mato Grosso do Sul	125.970	14.880
Minas Gerais	132.470	19.810
Paraná	160.560	15.390
Paraíba	142.720	13.990
Pará	106.980	12.690
Pernambuco	155.210	18.160
Piauí	151.270	13.930
Rio Grande do Norte	136.950	19.180
Rio Grande do Sul	179.700	20.960
Rio de Janeiro	131.240	14.980
Rondônia	170.390	21.710
Roraima	167.310	15.210
Santa Catarina	136.350	19.120
Sergipe	80.990	15.310
São Paulo	134.890	19.320
Tocantins	96.400	17.480

Table 18: Hospital and ICU beds per 100,000 inhabitants in each state of Brazil.

Age group	Whole pandemic		First Wave		Second wave		Second wave vs first wave	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Difference	99.5% CI
Mortality with Other Chronic Pneumatopathy, and Asthma								
0 to 19	30 (1.65%)	2 (6.67%)	20 (2.06%)	2 (10.00%)	10 (1.17%)	0 (0.00%)	-10.00%	-30.10 - 18.68
20 to 39	129 (7.08%)	27 (20.93%)	66 (6.80%)	12 (18.18%)	63 (7.39%)	15 (23.81%)	5.63%	-8.44 - 19.61
40 to 49	145 (7.96%)	52 (35.86%)	79 (8.14%)	22 (27.85%)	66 (7.75%)	30 (45.45%)	17.60%	1.93 - 32.36
50 to 59	283 (15.53%)	98 (34.63%)	152 (15.67%)	45 (29.61%)	131 (15.38%)	53 (40.46%)	10.85%	-0.25 - 21.71
60 to 69	426 (23.38%)	210 (49.30%)	219 (22.58%)	107 (48.86%)	207 (24.30%)	103 (49.76%)	0.90%	-8.52 - 10.30
70 to 79	430 (23.60%)	237 (55.12%)	229 (23.61%)	121 (52.84%)	201 (23.59%)	116 (57.71%)	4.87%	-4.52 - 14.12
80 +	379 (20.80%)	240 (63.32%)	205 (21.13%)	128 (62.44%)	174 (20.42%)	112 (64.37%)	1.93%	-7.78 - 11.50
Total	1 822	866 (47.53%)	970 (53.24%)	437 (45.05%)	852 (46.76%)	429 (50.35%)	5.30%	0.71 - 9.87
Mortality with Chronic Neurological Disease, and Other Chronic Pneumatopathy								
0 to 19	45 (2.12%)	10 (22.22%)	31 (2.53%)	5 (16.13%)	14 (1.56%)	5 (35.71%)	19.58%	-5.86 - 46.66
20 to 39	53 (2.50%)	29 (54.72%)	28 (2.29%)	8 (28.57%)	25 (2.79%)	21 (84.00%)	55.43%	29.17 - 71.84
40 to 49	53 (2.50%)	19 (35.85%)	25 (2.04%)	10 (40.00%)	28 (3.12%)	9 (32.14%)	-7.86%	-31.79 - 17.01
50 to 59	146 (6.88%)	70 (47.95%)	75 (6.12%)	37 (49.33%)	71 (7.92%)	33 (46.48%)	-2.85%	-18.54 - 13.05
60 to 69	351 (16.55%)	193 (54.99%)	194 (15.84%)	107 (55.15%)	157 (17.52%)	86 (54.78%)	-0.37%	-10.75 - 9.96
70 to 79	616 (29.04%)	417 (67.69%)	361 (29.47%)	248 (68.70%)	255 (28.46%)	169 (66.27%)	-2.43%	-9.97 - 5.00
80 +	857 (40.41%)	644 (75.15%)	511 (41.71%)	394 (77.10%)	346 (38.62%)	250 (72.25%)	-4.85%	-10.87 - 1.03
Total	2 121	1 382 (65.16%)	1 225 (57.76%)	809 (66.04%)	896 (42.24%)	573 (63.95%)	-2.09%	-6.21 - 2.00
Mortality with Chronic Kidney Disease, and Immunodeficiency or Immunodepression								
0 to 19	27 (1.19%)	9 (33.33%)	23 (1.64%)	8 (34.78%)	4 (0.46%)	1 (25.00%)	-9.78%	-38.61 - 37.91
20 to 39	239 (10.53%)	90 (37.66%)	158 (11.26%)	54 (34.18%)	81 (9.35%)	36 (44.44%)	10.26%	-2.61 - 23.13
40 to 49	296 (13.05%)	129 (43.58%)	182 (12.97%)	78 (42.86%)	114 (13.16%)	51 (44.74%)	1.88%	-9.54 - 13.38
50 to 59	520 (22.92%)	263 (50.58%)	323 (23.02%)	154 (47.68%)	197 (22.75%)	109 (55.33%)	7.65%	-1.20 - 16.31
60 to 69	576 (25.39%)	362 (62.85%)	341 (24.31%)	216 (63.34%)	235 (27.14%)	146 (62.13%)	-1.21%	-9.26 - 6.72
70 to 79	380 (16.75%)	261 (68.68%)	234 (16.68%)	163 (69.66%)	146 (16.86%)	98 (67.12%)	-2.54%	-12.24 - 6.87
80 +	231 (10.18%)	178 (77.06%)	142 (10.12%)	106 (74.65%)	89 (10.28%)	72 (80.90%)	6.25%	-5.12 - 16.57
Total	2 269	1 292 (56.94%)	1 403 (61.83%)	779 (55.52%)	866 (38.17%)	513 (59.24%)	3.72%	-0.48 - 7.86
Mortality with Chronic Kidney Disease, and Other Chronic Pneumatopathy								
0 to 19	6 (0.30%)	2 (33.33%)	4 (0.35%)	1 (25.00%)	2 (0.24%)	1 (50.00%)	25.00%	-35.53 - 70.41
20 to 39	41 (2.06%)	17 (41.46%)	21 (1.83%)	6 (28.57%)	20 (2.39%)	11 (55.00%)	26.43%	-3.40 - 50.63
40 to 49	63 (3.17%)	29 (46.03%)	35 (3.05%)	16 (45.71%)	28 (3.34%)	13 (46.43%)	0.72%	-22.62 - 24.12
50 to 59	169 (8.51%)	92 (54.44%)	107 (9.32%)	57 (53.27%)	62 (7.40%)	35 (56.45%)	3.18%	-12.21 - 18.12
60 to 69	451 (22.71%)	295 (65.41%)	257 (22.39%)	167 (64.98%)	194 (23.15%)	128 (65.98%)	1.00%	-7.89 - 9.71
70 to 79	638 (32.12%)	445 (69.75%)	368 (32.06%)	252 (68.48%)	270 (32.22%)	193 (71.48%)	3.00%	-4.25 - 10.05
80 +	618 (31.12%)	464 (75.08%)	356 (31.01%)	264 (74.16%)	262 (31.26%)	200 (76.34%)	2.18%	-4.79 - 8.92
Total	1 986	1 344 (67.67%)	1 148 (57.80%)	763 (66.46%)	838 (42.20%)	581 (69.33%)	2.87%	-1.30 - 6.98
Mortality with Chronic Kidney Disease, and Chronic Neurological Disease								
0 to 19	16 (0.89%)	5 (31.25%)	6 (0.57%)	3 (50.00%)	10 (1.33%)	2 (20.00%)	-30.00%	-64.37 - 14.00
20 to 39	57 (3.16%)	24 (42.11%)	32 (3.04%)	4 (12.50%)	25 (3.32%)	20 (80.00%)	67.50%	42.83 - 80.95
40 to 49	79 (4.37%)	36 (45.57%)	42 (3.98%)	18 (42.86%)	37 (4.92%)	18 (48.65%)	5.79%	-15.52 - 26.47
50 to 59	161 (8.91%)	78 (48.45%)	89 (8.44%)	42 (47.19%)	72 (9.57%)	36 (50.00%)	2.81%	-12.43 - 17.89
60 to 69	344 (19.05%)	209 (60.76%)	196 (18.60%)	122 (62.24%)	148 (19.68%)	87 (58.78%)	-3.46%	-13.80 - 6.85
70 to 79	486 (26.91%)	351 (72.22%)	288 (27.32%)	209 (72.57%)	198 (26.33%)	142 (71.72%)	-0.85%	-9.06 - 7.10
80 +	663 (36.71%)	514 (77.53%)	401 (38.05%)	313 (78.05%)	262 (34.84%)	201 (76.72%)	-1.33%	-7.99 - 5.04
Total	1 806	1 217 (67.39%)	1 054 (58.36%)	711 (67.46%)	752 (41.64%)	506 (67.29%)	-0.17%	-4.58 - 4.18
Mortality with Obesity, and Asthma								
0 to 19	25 (0.84%)	3 (12.00%)	11 (0.91%)	2 (18.18%)	14 (0.79%)	1 (7.14%)	-11.04%	-41.13 - 16.56
20 to 39	668 (22.50%)	195 (29.19%)	266 (22.07%)	63 (23.68%)	402 (22.79%)	132 (32.84%)	9.16%	2.13 - 15.83
40 to 49	644 (21.69%)	224 (34.78%)	266 (22.07%)	71 (26.69%)	378 (21.43%)	153 (40.48%)	13.79%	6.38 - 20.84
50 to 59	624 (21.02%)	222 (35.58%)	267 (22.16%)	75 (28.09%)	357 (20.24%)	147 (41.18%)	13.09%	5.54 - 20.32
60 to 69	534 (17.99%)	275 (51.50%)	217 (18.01%)	105 (48.39%)	317 (17.97%)	170 (53.63%)	5.24%	-3.37 - 13.75
70 to 79	311 (10.47%)	179 (57.56%)	118 (9.79%)	64 (54.24%)	193 (10.94%)	115 (59.59%)	5.35%	-5.86 - 16.54
80 +	163 (5.49%)	113 (69.33%)	60 (4.98%)	41 (68.33%)	103 (5.84%)	72 (69.90%)	1.57%	-12.45 - 16.47
Total	2 969	1 211 (40.79%)	1 205 (40.59%)	421 (34.94%)	1 764 (59.41%)	790 (44.78%)	9.84%	6.27 - 13.37
Mortality with Obesity, and Other Chronic Pneumatopathy								
0 to 19	4 (0.15%)	0 (0.00%)	2 (0.17%)	0 (0.00%)	2 (0.14%)	0 (0.00%)	-	-
20 to 39	171 (6.52%)	62 (36.26%)	83 (7.18%)	29 (34.94%)	88 (6.00%)	33 (37.50%)	2.56%	-11.69 - 16.60
40 to 49	227 (8.65%)	93 (40.97%)	94 (8.13%)	40 (42.55%)	133 (9.07%)	53 (39.85%)	-2.70%	-15.54 - 10.05
50 to 59	444 (16.93%)	202 (45.50%)	208 (17.99%)	83 (39.90%)	236 (16.09%)	119 (50.42%)	10.52%	1.24 - 19.52
60 to 69	734 (27.98%)	412 (56.13%)	307 (26.56%)	173 (56.35%)	427 (29.11%)	239 (55.97%)	-0.38%	-7.59 - 6.88
70 to 79	649 (24.74%)	434 (66.87%)	287 (24.83%)	195 (67.94%)	362 (24.68%)	239 (66.02%)	-1.92%	-9.10 - 5.39
80 +	394 (15.02%)	282 (71.57%)	175 (15.14%)	123 (70.29%)	219 (14.93%)	159 (72.60%)	2.31%	-6.55 - 11.32
Total	2 623	1 485 (56.61%)	1 156 (44.07%)	643 (55.62%)	1 467 (55.93%)	842 (57.40%)	1.78%	-2.04 - 5.59
Mortality with Obesity, and Chronic Kidney Disease								
0 to 19	5 (0.22%)	2 (40.00%)	4 (0.38%)	1 (25.00%)	1 (0.08%)	1 (100.00%)	75.00%	-16.19 - 95.44
20 to 39	138 (5.94%)	57 (41.30%)	63 (5.96%)	20 (31.75%)	75 (5.92%)	37 (49.33%)	17.58%	1.12 - 32.61
40 to 49	244 (10.50%)	122 (50.00%)	109 (10.31%)	52 (47.71%)	135 (10.66%)	70 (51.85%)	4.14%	-8.36 - 16.46

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Table 20 – continued from previous page

Age group	Whole pandemic		First Wave		Second wave		Second wave vs first wave	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Difference	99.5% CI
50 to 59	447 (19.24%)	247 (55.26%)	196 (18.54%)	93 (47.45%)	251 (19.83%)	154 (61.35%)	13.90%	4.61 - 22.91
60 to 69	658 (28.33%)	452 (68.69%)	304 (28.76%)	204 (67.11%)	354 (27.96%)	248 (70.06%)	2.95%	-4.12 - 10.05
70 to 79	534 (22.99%)	385 (72.10%)	263 (24.88%)	197 (74.90%)	271 (21.41%)	188 (69.37%)	-5.53%	-13.04 - 2.08
80 +	297 (12.79%)	216 (72.73%)	118 (11.16%)	86 (72.88%)	179 (14.14%)	130 (72.63%)	-0.25%	-10.27 - 10.27
Total	2 323	1 481 (63.75%)	1 057 (45.50%)	653 (61.78%)	1 266 (54.50%)	828 (65.40%)	3.62%	-0.30 - 7.55
Mortality with Diabetes mellitus, and Chronic Liver Disease								
0 to 19	2 (0.10%)	0 (0.00%)	2 (0.18%)	0 (0.00%)	0 (0.00%)	0 (0%)	-	-
20 to 39	56 (2.67%)	18 (32.14%)	28 (2.47%)	8 (28.57%)	28 (2.89%)	10 (35.71%)	7.14%	-16.67 - 29.90
40 to 49	162 (7.71%)	72 (44.44%)	86 (7.60%)	41 (47.67%)	76 (7.85%)	31 (40.79%)	-6.88%	-21.57 - 8.31
50 to 59	473 (22.52%)	238 (50.32%)	254 (22.44%)	126 (49.61%)	219 (22.62%)	112 (51.14%)	1.53%	-7.45 - 10.48
60 to 69	675 (32.14%)	401 (59.41%)	351 (31.01%)	202 (57.55%)	324 (33.47%)	199 (61.42%)	3.87%	-3.53 - 11.20
70 to 79	488 (23.24%)	326 (66.80%)	263 (23.23%)	187 (71.10%)	225 (23.24%)	139 (61.78%)	-9.32%	-17.61 - -0.94
80 +	244 (11.62%)	183 (75.00%)	148 (13.07%)	116 (78.38%)	96 (9.92%)	67 (69.79%)	-8.59%	-20.01 - 2.45
Total	2 100	1 238 (58.95%)	1 132 (53.90%)	680 (60.07%)	968 (46.10%)	558 (57.64%)	-2.43%	-6.64 - 1.79
Mortality with Diabetes mellitus, and Immunodeficiency or Immunodepression								
0 to 19	5 (0.12%)	0 (0.00%)	5 (0.21%)	0 (0.00%)	0 (0.00%)	0 (0%)	-	-
20 to 39	140 (3.33%)	55 (39.29%)	90 (3.79%)	32 (35.56%)	50 (2.74%)	23 (46.00%)	10.44%	-6.16 - 26.82
40 to 49	353 (8.41%)	149 (42.21%)	200 (8.42%)	78 (39.00%)	153 (8.39%)	71 (46.41%)	7.41%	-2.95 - 17.63
50 to 59	825 (19.65%)	363 (44.00%)	492 (20.71%)	212 (43.09%)	333 (18.27%)	151 (45.35%)	2.26%	-4.61 - 9.14
60 to 69	1 270 (30.25%)	687 (54.09%)	685 (28.83%)	366 (53.43%)	585 (32.09%)	321 (54.87%)	1.44%	-4.05 - 6.91
70 to 79	1 050 (25.01%)	662 (63.05%)	601 (25.29%)	386 (64.23%)	449 (24.63%)	276 (61.47%)	-2.76%	-8.66 - 3.12
80 +	556 (13.24%)	399 (71.76%)	303 (12.75%)	216 (71.29%)	253 (13.88%)	183 (72.33%)	1.04%	-6.50 - 8.46
Total	4 199	2 315 (55.13%)	2 376 (56.58%)	1 290 (54.29%)	1 823 (43.42%)	1 025 (56.23%)	1.94%	-1.10 - 4.96
Mortality with Diabetes mellitus, and Asthma								
0 to 19	11 (0.24%)	1 (9.09%)	7 (0.31%)	1 (14.29%)	4 (0.18%)	0 (0.00%)	-14.29%	-51.31 - 36.09
20 to 39	251 (5.58%)	72 (28.69%)	133 (5.84%)	33 (24.81%)	118 (5.31%)	39 (33.05%)	8.24%	-2.94 - 19.30
40 to 49	505 (11.22%)	155 (30.69%)	259 (11.38%)	71 (27.41%)	246 (11.06%)	84 (34.15%)	6.74%	-1.31 - 14.69
50 to 59	910 (20.22%)	314 (34.51%)	472 (20.74%)	143 (30.30%)	438 (19.69%)	171 (39.04%)	8.74%	2.56 - 14.86
60 to 69	1 256 (27.91%)	562 (44.75%)	609 (26.76%)	246 (40.39%)	647 (29.09%)	316 (48.84%)	8.45%	2.95 - 13.87
70 to 79	993 (22.07%)	508 (51.16%)	483 (21.22%)	242 (50.10%)	510 (22.93%)	266 (52.16%)	2.06%	-4.15 - 8.24
80 +	574 (12.76%)	365 (63.59%)	313 (13.75%)	206 (65.81%)	261 (11.74%)	159 (60.92%)	-4.89%	-12.76 - 2.98
Total	4 500	1 977 (43.93%)	2 276 (50.58%)	942 (41.39%)	2 224 (49.42%)	1 035 (46.54%)	5.15%	2.25 - 8.04
Mortality with Diabetes mellitus, and Other Chronic Pneumatopathy								
0 to 19	3 (0.04%)	1 (33.33%)	3 (0.07%)	1 (33.33%)	0 (0.00%)	0 (0%)	-	-
20 to 39	97 (1.28%)	41 (42.27%)	53 (1.28%)	20 (37.74%)	44 (1.27%)	21 (47.73%)	9.99%	-9.41 - 28.56
40 to 49	235 (3.09%)	91 (38.72%)	124 (2.99%)	47 (37.90%)	111 (3.22%)	44 (39.64%)	1.74%	-10.56 - 14.04
50 to 59	804 (10.58%)	368 (45.77%)	467 (11.27%)	203 (43.47%)	337 (9.76%)	165 (48.96%)	5.49%	-1.48 - 12.41
60 to 69	2 100 (27.64%)	1 196 (56.95%)	1 118 (26.97%)	640 (57.25%)	982 (28.45%)	556 (56.62%)	-0.63%	-4.87 - 3.61
70 to 79	2 527 (33.26%)	1 608 (63.63%)	1 364 (32.91%)	863 (63.27%)	1 163 (33.69%)	745 (64.06%)	0.79%	-2.98 - 4.54
80 +	1 831 (24.10%)	1 285 (70.18%)	1 016 (24.51%)	703 (69.19%)	815 (23.61%)	582 (71.41%)	2.22%	-2.01 - 6.39
Total	7 597	4 590 (60.42%)	4 145 (54.56%)	2 477 (59.76%)	3 452 (45.44%)	2 113 (61.21%)	1.45%	-0.76 - 3.66
Mortality with Diabetes mellitus, and Chronic Neurological Disease								
0 to 19	9 (0.12%)	2 (22.22%)	6 (0.14%)	0 (0.00%)	3 (0.09%)	2 (66.67%)	66.67%	6.41 - 93.85
20 to 39	118 (1.55%)	43 (36.44%)	56 (1.33%)	16 (28.57%)	62 (1.83%)	27 (43.55%)	14.98%	-2.38 - 30.97
40 to 49	218 (2.87%)	92 (42.20%)	122 (2.89%)	45 (36.89%)	96 (2.83%)	47 (48.96%)	12.07%	-1.10 - 24.78
50 to 59	618 (8.13%)	286 (46.28%)	340 (8.07%)	144 (42.35%)	278 (8.20%)	142 (51.08%)	8.73%	0.83 - 16.49
60 to 69	1 327 (17.45%)	737 (55.54%)	698 (16.56%)	380 (54.44%)	629 (18.55%)	357 (56.76%)	2.32%	-3.03 - 7.64
70 to 79	2 354 (30.95%)	1 498 (63.64%)	1 305 (30.96%)	791 (60.61%)	1 049 (30.93%)	707 (67.40%)	6.79%	2.88 - 10.64
80 +	2 962 (38.94%)	2 091 (70.59%)	1 688 (40.05%)	1 191 (70.56%)	1 274 (37.57%)	900 (70.64%)	0.08%	-3.24 - 3.38
Total	7 606	4 749 (62.44%)	4 215 (55.42%)	2 567 (60.90%)	3 391 (44.58%)	2 182 (64.35%)	3.45%	1.26 - 5.62
Mortality with Diabetes mellitus, and Chronic Kidney Disease								
0 to 19	5 (0.04%)	3 (60.00%)	3 (0.04%)	2 (66.67%)	2 (0.04%)	1 (50.00%)	-16.67%	-65.48 - 44.58
20 to 39	327 (2.71%)	143 (43.73%)	194 (2.83%)	70 (36.08%)	133 (2.55%)	73 (54.89%)	18.81%	7.83 - 29.22
40 to 49	753 (6.24%)	376 (49.93%)	446 (6.51%)	205 (45.96%)	307 (5.88%)	171 (55.70%)	9.74%	2.47 - 16.85
50 to 59	1 972 (16.33%)	1 088 (55.17%)	1 147 (16.74%)	597 (52.05%)	825 (15.80%)	491 (59.52%)	7.47%	3.02 - 11.85
60 to 69	3 563 (29.51%)	2 210 (62.03%)	2 000 (29.19%)	1 227 (61.35%)	1 563 (29.93%)	983 (62.89%)	1.54%	-1.67 - 4.74
70 to 79	3 436 (28.46%)	2 340 (68.10%)	1 900 (27.73%)	1 283 (67.53%)	1 536 (29.41%)	1 057 (68.82%)	1.29%	-1.85 - 4.41
80 +	2 018 (16.71%)	1 492 (73.93%)	1 162 (16.96%)	846 (72.81%)	856 (16.39%)	646 (75.47%)	2.66%	-1.22 - 6.48
Total	12 074	7 652 (63.38%)	6 852 (56.75%)	4 230 (61.73%)	5 222 (43.25%)	3 422 (65.53%)	3.80%	2.06 - 5.52
Mortality with Diabetes mellitus, and Obesity								
0 to 19	15 (0.08%)	8 (53.33%)	8 (0.11%)	4 (50.00%)	7 (0.06%)	4 (57.14%)	7.14%	-35.77 - 46.41
20 to 39	1 322 (7.19%)	469 (35.48%)	559 (7.71%)	183 (32.74%)	763 (6.86%)	286 (37.48%)	4.74%	-0.48 - 9.88
40 to 49	2 622 (14.26%)	1 041 (39.70%)	1 073 (14.79%)	358 (33.36%)	1 549 (13.92%)	683 (44.09%)	10.73%	6.95 - 14.44
50 to 59	4 329 (23.55%)	1 911 (44.14%)	1 708 (23.54%)	658 (38.52%)	2 621 (23.56%)	1 253 (47.81%)	9.29%	6.27 - 12.26
60 to 69	5 481 (29.82%)	3 030 (55.28%)	2 060 (28.39%)	1 042 (50.58%)	3 421 (30.75%)	1 988 (58.11%)	7.53%	4.81 - 10.24
70 to 79	3 394 (18.46%)	2 137 (62.96%)	1 354 (18.66%)	818 (60.41%)	2 040 (18.33%)	1 319 (64.66%)	4.25%	0.92 - 7.58

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Table 20 – continued from previous page

Age group	Whole pandemic		First Wave		Second wave		Second wave vs first wave	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Difference	99.5% CI
80 +	1 219 (6.63%)	840 (68.91%)	493 (6.80%)	334 (67.75%)	726 (6.52%)	506 (69.70%)	1.95%	-3.31 - 7.29
Total	18 382	9 436 (51.33%)	7 255 (39.47%)	3 397 (46.82%)	11 127 (60.53%)	6 039 (54.27%)	7.45%	5.97 - 8.92
Mortality with Chronic Cardiovascular Disease, and Chronic Hematological Disease								
0 to 19	4 (0.19%)	2 (50.00%)	4 (0.35%)	2 (50.00%)	0 (0.00%)	0 (0%)	-	-
20 to 39	76 (3.65%)	20 (26.32%)	49 (4.25%)	14 (28.57%)	27 (2.91%)	6 (22.22%)	-6.35%	-24.42 - 15.06
40 to 49	124 (5.96%)	49 (39.52%)	68 (5.90%)	23 (33.82%)	56 (6.04%)	26 (46.43%)	12.61%	-4.55 - 28.97
50 to 59	299 (14.37%)	113 (37.79%)	146 (12.66%)	49 (33.56%)	153 (16.50%)	64 (41.83%)	8.27%	-2.71 - 18.94
60 to 69	545 (26.20%)	297 (54.50%)	279 (24.20%)	153 (54.84%)	266 (28.69%)	144 (54.14%)	-0.70%	-9.01 - 7.61
70 to 79	561 (26.47%)	326 (58.11%)	335 (29.05%)	175 (52.24%)	226 (24.38%)	151 (66.81%)	14.57%	6.29 - 22.47
80 +	471 (22.64%)	327 (69.43%)	272 (23.59%)	186 (68.38%)	199 (21.47%)	141 (70.85%)	2.47%	-6.00 - 10.69
Total	2 080	1 134 (54.52%)	1 153 (55.43%)	602 (52.21%)	927 (44.57%)	532 (57.39%)	5.18%	0.87 - 9.45
Mortality with Chronic Cardiovascular Disease, and Chronic Liver Disease								
0 to 19	6 (0.23%)	4 (66.67%)	3 (0.22%)	1 (33.33%)	3 (0.25%)	3 (100.00%)	66.67%	-5.86 - 93.85
20 to 39	66 (2.57%)	17 (25.76%)	39 (2.89%)	8 (20.51%)	27 (2.22%)	9 (33.33%)	12.82%	-8.19 - 34.03
40 to 49	198 (7.71%)	87 (43.94%)	102 (7.55%)	47 (46.08%)	96 (7.89%)	40 (41.67%)	-4.41%	-17.84 - 9.28
50 to 59	499 (19.43%)	248 (49.70%)	263 (19.47%)	122 (46.39%)	236 (19.39%)	126 (53.39%)	7.00%	-1.77 - 15.63
60 to 69	763 (29.71%)	428 (56.09%)	362 (26.79%)	196 (54.14%)	401 (32.95%)	232 (57.86%)	3.72%	-3.32 - 10.71
70 to 79	653 (25.43%)	422 (64.62%)	355 (26.28%)	238 (67.04%)	298 (24.49%)	184 (61.74%)	-5.30%	-12.62 - 2.05
80 +	383 (14.91%)	283 (73.89%)	227 (16.80%)	175 (77.09%)	156 (12.82%)	108 (69.23%)	-7.86%	-16.98 - 1.07
Total	2 568	1 489 (57.98%)	1 351 (52.61%)	787 (58.25%)	1 217 (47.39%)	702 (57.68%)	-0.57%	-4.39 - 3.25
Mortality with Chronic Cardiovascular Disease, and Immunodeficiency or Immunodepression								
0 to 19	20 (0.33%)	7 (35.00%)	15 (0.47%)	6 (40.00%)	5 (0.18%)	1 (20.00%)	-20.00%	-49.27 - 27.00
20 to 39	213 (3.55%)	79 (37.09%)	122 (3.78%)	48 (39.34%)	91 (3.28%)	31 (34.07%)	-5.27%	-17.85 - 7.82
40 to 49	461 (7.69%)	178 (38.61%)	241 (7.48%)	93 (38.59%)	220 (7.94%)	85 (38.64%)	0.05%	-8.77 - 8.90
50 to 59	1 057 (17.63%)	446 (42.19%)	583 (18.08%)	240 (41.17%)	474 (17.10%)	206 (43.46%)	2.29%	-3.67 - 8.26
60 to 69	1 658 (27.65%)	893 (53.86%)	876 (27.17%)	467 (53.31%)	782 (28.21%)	426 (54.48%)	1.17%	-3.64 - 5.95
70 to 79	1 479 (24.67%)	933 (63.08%)	788 (24.44%)	499 (63.32%)	691 (24.93%)	434 (62.81%)	-0.51%	-5.44 - 4.39
80 +	1 108 (18.48%)	811 (73.19%)	599 (18.58%)	426 (71.12%)	509 (18.36%)	385 (75.64%)	4.52%	-0.72 - 9.67
Total	5 996	3 347 (55.82%)	3 224 (53.77%)	1 779 (55.18%)	2 772 (46.23%)	1 568 (56.57%)	1.39%	-1.14 - 3.90
Mortality with Chronic Cardiovascular Disease, and Asthma								
0 to 19	21 (0.30%)	4 (19.05%)	11 (0.32%)	1 (9.09%)	10 (0.29%)	3 (30.00%)	20.91%	-13.59 - 52.14
20 to 39	328 (4.72%)	89 (27.13%)	171 (4.94%)	44 (25.73%)	157 (4.49%)	45 (28.66%)	2.93%	-6.64 - 12.53
40 to 49	790 (11.36%)	211 (26.71%)	394 (11.39%)	86 (21.83%)	396 (11.33%)	125 (31.57%)	9.74%	3.57 - 15.81
50 to 59	1 293 (18.59%)	384 (29.70%)	632 (18.27%)	158 (25.00%)	661 (18.91%)	226 (34.19%)	9.19%	4.22 - 14.09
60 to 69	1 736 (24.96%)	711 (40.96%)	839 (24.26%)	315 (37.54%)	897 (25.66%)	396 (44.15%)	6.61%	1.97 - 11.19
70 to 79	1 582 (22.75%)	798 (50.44%)	758 (21.91%)	374 (49.34%)	824 (23.57%)	424 (51.46%)	2.12%	-2.81 - 7.03
80 +	1 205 (17.33%)	732 (60.75%)	654 (18.91%)	383 (58.56%)	551 (15.76%)	349 (63.34%)	4.78%	-0.76 - 10.25
Total	6 955	2 929 (42.11%)	3 459 (49.73%)	1 361 (39.35%)	3 496 (50.27%)	1 568 (44.85%)	5.50%	3.18 - 7.82
Mortality with Chronic Cardiovascular Disease, and Other Chronic Pneumatopathy								
0 to 19	23 (0.17%)	7 (30.43%)	14 (0.19%)	5 (35.71%)	9 (0.14%)	2 (22.22%)	-13.49%	-43.56 - 24.36
20 to 39	138 (1.01%)	52 (37.68%)	67 (0.92%)	24 (35.82%)	71 (1.11%)	28 (39.44%)	3.62%	-12.33 - 19.23
40 to 49	354 (2.60%)	132 (37.29%)	184 (2.54%)	52 (28.26%)	170 (2.67%)	80 (47.06%)	18.80%	8.71 - 28.40
50 to 59	1 194 (8.76%)	509 (42.63%)	684 (9.44%)	280 (40.94%)	510 (8.00%)	229 (44.90%)	3.96%	-1.70 - 9.62
60 to 69	3 243 (23.80%)	1 730 (53.35%)	1 663 (22.95%)	887 (53.34%)	1 580 (24.77%)	843 (53.35%)	0.01%	-3.41 - 3.45
70 to 79	4 477 (32.86%)	2 750 (61.43%)	2 337 (32.25%)	1 424 (60.93%)	2 140 (33.55%)	1 326 (61.96%)	1.03%	-1.82 - 3.88
80 +	4 196 (30.80%)	2 910 (69.35%)	2 298 (31.71%)	1 563 (68.02%)	1 898 (29.76%)	1 347 (70.97%)	2.95%	0.15 - 5.74
Total	13 625	8 090 (59.38%)	7 247 (53.19%)	4 235 (58.44%)	6 378 (46.81%)	3 855 (60.44%)	2.00%	0.35 - 3.65
Mortality with Chronic Cardiovascular Disease, and Chronic Neurological Disease								
0 to 19	34 (0.25%)	9 (26.47%)	21 (0.28%)	5 (23.81%)	13 (0.22%)	4 (30.77%)	6.96%	-20.97 - 36.88
20 to 39	159 (1.19%)	60 (37.74%)	84 (1.13%)	28 (33.33%)	75 (1.27%)	32 (42.67%)	9.34%	-5.64 - 23.86
40 to 49	329 (2.46%)	119 (36.17%)	169 (2.26%)	53 (31.36%)	160 (2.72%)	66 (41.25%)	9.89%	-0.49 - 20.01
50 to 59	885 (6.63%)	391 (44.18%)	469 (6.28%)	200 (42.64%)	416 (7.07%)	191 (45.91%)	3.27%	-3.27 - 9.78
60 to 69	2 077 (15.56%)	1 139 (54.84%)	1 115 (14.94%)	599 (53.72%)	962 (16.35%)	540 (56.13%)	2.41%	-1.88 - 6.68
70 to 79	3 749 (28.09%)	2 329 (62.12%)	2 077 (27.83%)	1 266 (60.95%)	1 672 (28.42%)	1 063 (63.58%)	2.63%	-0.50 - 5.73
80 +	6 115 (45.81%)	4 224 (69.08%)	3 529 (47.28%)	2 429 (68.83%)	2 586 (43.95%)	1 795 (69.41%)	0.58%	-1.77 - 2.92
Total	13 348	8 271 (61.96%)	7 464 (55.92%)	4 580 (61.36%)	5 884 (44.08%)	3 691 (62.73%)	1.37%	-0.29 - 3.02
Mortality with Chronic Cardiovascular Disease, and Chronic Kidney Disease								
0 to 19	23 (0.14%)	12 (52.17%)	15 (0.17%)	7 (46.67%)	8 (0.11%)	5 (62.50%)	15.83%	-23.64 - 48.16
20 to 39	476 (2.99%)	159 (33.40%)	274 (3.07%)	84 (30.66%)	202 (2.88%)	75 (37.13%)	6.47%	-2.47 - 15.04
40 to 49	991 (6.22%)	456 (46.01%)	564 (6.33%)	244 (43.26%)	427 (6.09%)	212 (49.65%)	6.39%	0.12 - 12.60
50 to 59	2 271 (14.26%)	1 189 (52.36%)	1 279 (14.35%)	630 (49.26%)	992 (14.16%)	559 (56.35%)	7.09%	2.95 - 11.19
60 to 69	4 063 (25.52%)	2 429 (59.78%)	2 254 (25.29%)	1 339 (59.41%)	1 809 (25.81%)	1 090 (60.25%)	0.84%	-2.19 - 3.87
70 to 79	4 468 (28.06%)	2 992 (66.97%)	2 458 (27.58%)	1 621 (65.95%)	2 010 (28.68%)	1 371 (68.21%)	2.26%	-0.51 - 5.02
80 +	3 629 (22.79%)	2 654 (73.13%)	2 069 (23.21%)	1 494 (72.21%)	1 560 (22.26%)	1 160 (74.36%)	2.15%	-0.77 - 5.03
Total	15 921	9 891 (62.13%)	8 913 (55.98%)	5 419 (60.80%)	7 008 (44.02%)	4 472 (63.81%)	3.01%	1.50 - 4.53

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Table 20 – continued from previous page

Age group	Whole pandemic		First Wave		Second wave		Second wave vs first wave	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Difference	99.5% CI
Mortality with Chronic Cardiovascular Disease, and Obesity								
0 to 19	18 (0.07%)	7 (38.89%)	6 (0.06%)	2 (33.33%)	12 (0.08%)	5 (41.67%)	8.34%	-34.60 - 43.77
20 to 39	1 947 (7.74%)	607 (31.18%)	781 (8.07%)	202 (25.86%)	1 166 (7.53%)	405 (34.73%)	8.87%	4.71 - 12.92
40 to 49	3 840 (15.26%)	1 400 (36.46%)	1 479 (15.28%)	447 (30.22%)	2 361 (15.24%)	953 (40.36%)	10.14%	7.05 - 13.17
50 to 59	6 026 (23.94%)	2 509 (41.64%)	2 261 (23.36%)	793 (35.07%)	3 765 (24.31%)	1 716 (45.58%)	10.51%	7.96 - 13.02
60 to 69	6 996 (27.79%)	3 677 (52.56%)	2 609 (26.95%)	1 229 (47.11%)	4 387 (28.32%)	2 448 (55.80%)	8.69%	6.28 - 11.10
70 to 79	4 430 (17.60%)	2 722 (61.44%)	1 747 (18.05%)	1 026 (58.73%)	2 683 (17.32%)	1 696 (63.21%)	4.48%	1.55 - 7.43
80 +	1 914 (7.60%)	1 305 (68.18%)	798 (8.24%)	543 (68.05%)	1 116 (7.20%)	762 (68.28%)	0.23%	-3.97 - 4.49
Total	25 171	12 227 (48.58%)	9 681 (38.46%)	4 242 (43.82%)	15 490 (61.54%)	7 985 (51.55%)	7.73%	6.47 - 8.99
Mortality with Chronic Cardiovascular Disease, and Diabetes mellitus								
0 to 19	35 (0.03%)	6 (17.14%)	24 (0.05%)	5 (20.83%)	11 (0.02%)	1 (9.09%)	-11.74%	-32.75 - 19.16
20 to 39	1 855 (1.85%)	547 (29.49%)	986 (1.98%)	265 (26.88%)	869 (1.72%)	282 (32.45%)	5.57%	1.41 - 9.73
40 to 49	6 317 (6.29%)	2 079 (32.91%)	3 228 (6.48%)	965 (29.89%)	3 089 (6.10%)	1 114 (36.06%)	6.17%	3.85 - 8.48
50 to 59	16 703 (16.63%)	6 159 (36.87%)	8 305 (16.66%)	2 748 (33.09%)	8 398 (16.59%)	3 411 (40.62%)	7.53%	6.07 - 8.98
60 to 69	30 063 (29.92%)	14 181 (47.17%)	14 364 (28.82%)	6 338 (44.12%)	15 699 (31.01%)	7 843 (49.96%)	5.84%	4.71 - 6.96
70 to 79	28 221 (28.09%)	15 702 (55.64%)	13 794 (27.68%)	7 384 (53.53%)	14 427 (28.50%)	8 318 (57.66%)	4.13%	2.97 - 5.28
80 +	17 268 (17.19%)	11 109 (64.33%)	9 135 (18.33%)	5 807 (63.57%)	8 133 (16.06%)	5 302 (65.19%)	1.62%	0.19 - 3.05
Total	100 462	49 783 (49.55%)	49 836 (49.61%)	23 512 (47.18%)	50 626 (50.39%)	26 271 (51.89%)	4.71%	4.10 - 5.33
Mortality with Chronic Cardiovascular Disease, Diabetes mellitus, and Immunodeficiency or Immunodepression								
0 to 19	0 (0.00%)	0 (0%)	0 (0.00%)	0 (0%)	0 (0.00%)	0 (0%)	-	-
20 to 39	50 (2.05%)	24 (48.00%)	33 (2.47%)	16 (48.48%)	17 (1.54%)	8 (47.06%)	-1.42%	-27.92 - 25.75
40 to 49	166 (6.80%)	70 (42.17%)	92 (6.89%)	38 (41.30%)	74 (6.68%)	32 (43.24%)	1.94%	-12.84 - 16.75
50 to 59	449 (18.39%)	196 (43.65%)	256 (19.18%)	105 (41.02%)	193 (17.43%)	91 (47.15%)	6.13%	-3.10 - 15.28
60 to 69	738 (30.22%)	397 (53.79%)	390 (29.21%)	211 (54.10%)	348 (31.44%)	186 (53.45%)	-0.65%	-7.82 - 6.51
70 to 79	659 (26.99%)	430 (65.25%)	357 (26.74%)	236 (66.11%)	302 (27.28%)	194 (64.24%)	-1.87%	-9.15 - 5.38
80 +	380 (15.56%)	284 (74.74%)	207 (15.51%)	150 (72.46%)	173 (15.63%)	134 (77.46%)	5.00%	-3.83 - 13.53
Total	2 442	1 401 (57.37%)	1 335 (54.67%)	756 (56.63%)	1 107 (45.33%)	645 (58.27%)	1.64%	-2.30 - 5.56
Mortality with Chronic Cardiovascular Disease, Diabetes mellitus, and Asthma								
0 to 19	1 (0.04%)	0 (0.00%)	0 (0.00%)	0 (0%)	1 (0.07%)	0 (0.00%)	-	-
20 to 39	84 (3.01%)	30 (35.71%)	45 (3.17%)	18 (40.00%)	39 (2.85%)	12 (30.77%)	-9.23%	-28.22 - 11.10
40 to 49	255 (9.14%)	81 (31.76%)	129 (9.08%)	40 (31.01%)	126 (9.20%)	41 (32.54%)	1.53%	-9.79 - 12.83
50 to 59	540 (19.36%)	197 (36.48%)	273 (19.23%)	82 (30.04%)	267 (19.50%)	115 (43.07%)	13.03%	4.91 - 20.93
60 to 69	815 (29.22%)	368 (45.15%)	407 (28.66%)	170 (41.77%)	408 (29.80%)	198 (48.53%)	6.76%	-0.07 - 13.50
70 to 79	682 (24.45%)	356 (52.20%)	335 (23.59%)	174 (51.94%)	347 (25.35%)	182 (52.45%)	0.51%	-6.95 - 7.96
80 +	412 (14.77%)	268 (65.05%)	231 (16.27%)	149 (64.50%)	181 (13.22%)	119 (65.75%)	1.25%	-8.04 - 10.35
Total	2 789	1 300 (46.61%)	1 420 (50.91%)	633 (44.58%)	1 369 (49.09%)	667 (48.72%)	4.14%	0.44 - 7.83
Mortality with Chronic Cardiovascular Disease, Diabetes mellitus, and Other Chronic Pneumatopathy								
0 to 19	1 (0.02%)	1 (100.00%)	1 (0.03%)	1 (100.00%)	0 (0.00%)	0 (0%)	-	-
20 to 39	42 (0.77%)	17 (40.48%)	19 (0.64%)	7 (36.84%)	23 (0.92%)	10 (43.48%)	6.64%	-21.78 - 33.12
40 to 49	131 (2.39%)	56 (42.75%)	66 (2.22%)	25 (37.88%)	65 (2.59%)	31 (47.69%)	9.81%	-6.97 - 25.86
50 to 59	528 (9.65%)	248 (46.97%)	310 (10.45%)	137 (44.19%)	218 (8.70%)	111 (50.92%)	6.73%	-1.91 - 15.24
60 to 69	1 520 (27.77%)	855 (56.25%)	803 (27.06%)	453 (56.41%)	717 (28.60%)	402 (56.07%)	-0.34%	-5.33 - 4.63
70 to 79	1 877 (34.29%)	1 180 (62.87%)	1 003 (33.81%)	636 (63.41%)	874 (34.86%)	544 (62.24%)	-1.17%	-5.55 - 3.20
80 +	1 375 (25.12%)	952 (69.24%)	765 (25.78%)	524 (68.50%)	610 (24.33%)	428 (70.16%)	1.66%	-3.26 - 6.53
Total	5 474	3 309 (60.45%)	2 967 (54.20%)	1 783 (60.09%)	2 507 (45.80%)	1 526 (60.87%)	0.78%	-1.83 - 3.37
Mortality with Chronic Cardiovascular Disease, Diabetes mellitus, and Chronic Neurological Disease								
0 to 19	4 (0.08%)	0 (0.00%)	3 (0.10%)	0 (0.00%)	1 (0.04%)	0 (0.00%)	-	-
20 to 39	49 (0.92%)	18 (36.73%)	26 (0.88%)	8 (30.77%)	23 (0.98%)	10 (43.48%)	12.71%	-13.52 - 37.04
40 to 49	118 (2.22%)	49 (41.53%)	60 (2.02%)	20 (33.33%)	58 (2.47%)	29 (50.00%)	16.67%	-1.06 - 33.03
50 to 59	377 (7.10%)	175 (46.42%)	211 (7.11%)	94 (44.55%)	166 (7.08%)	81 (48.80%)	4.25%	-5.83 - 14.24
60 to 69	918 (17.28%)	517 (56.32%)	494 (16.64%)	278 (56.28%)	424 (18.09%)	239 (56.37%)	0.09%	-6.33 - 6.49
70 to 79	1 679 (31.61%)	1 066 (63.49%)	935 (31.50%)	571 (61.07%)	744 (31.74%)	495 (66.53%)	5.46%	0.83 - 10.03
80 +	2 167 (40.79%)	1 526 (70.42%)	1 239 (41.75%)	874 (70.54%)	928 (39.59%)	652 (70.26%)	-0.28%	-4.18 - 3.58
Total	5 312	3 351 (63.08%)	2 968 (55.87%)	1 845 (62.16%)	2 344 (44.13%)	1 506 (64.25%)	2.09%	-0.53 - 4.69
Mortality with Chronic Cardiovascular Disease, Diabetes mellitus, and Chronic Kidney Disease								
0 to 19	2 (0.02%)	1 (50.00%)	1 (0.02%)	1 (100.00%)	1 (0.03%)	0 (0.00%)	-100.00%	-100.00 - 12.21
20 to 39	177 (2.06%)	71 (40.11%)	111 (2.28%)	39 (35.14%)	66 (1.78%)	32 (48.48%)	13.34%	-1.51 - 27.75
40 to 49	455 (5.31%)	241 (52.97%)	272 (5.58%)	130 (47.79%)	183 (4.95%)	111 (60.66%)	12.87%	3.52 - 21.83
50 to 59	1 295 (15.10%)	725 (55.98%)	754 (15.46%)	400 (53.05%)	541 (14.63%)	325 (60.07%)	7.02%	1.54 - 12.42
60 to 69	2 504 (29.20%)	1 537 (61.38%)	1 393 (28.56%)	847 (60.80%)	1 111 (30.04%)	690 (62.11%)	1.31%	-2.54 - 5.12
70 to 79	2 561 (29.86%)	1 753 (68.45%)	1 425 (29.21%)	975 (68.42%)	1 136 (30.72%)	778 (68.49%)	0.07%	-3.57 - 3.67
80 +	1 582 (18.45%)	1 176 (74.34%)	922 (18.90%)	671 (72.78%)	660 (17.85%)	505 (76.52%)	3.74%	-0.64 - 8.01
Total	8 576	5 504 (64.18%)	4 878 (56.88%)	3 063 (62.79%)	3 698 (43.12%)	2 441 (66.01%)	3.22%	1.17 - 5.25
Mortality with Chronic Cardiovascular Disease, Diabetes mellitus, and Obesity								
0 to 19	2 (0.02%)	1 (50.00%)	1 (0.02%)	0 (0.00%)	1 (0.01%)	1 (100.00%)	100.00%	-12.21 - 100.00
20 to 39	539 (4.50%)	184 (34.14%)	233 (4.84%)	76 (32.62%)	306 (4.27%)	108 (35.29%)	2.67%	-5.42 - 10.60

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Table 20 – continued from previous page

Age group	Whole pandemic		First Wave		Second wave		Second wave vs first wave	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Difference	99.5% CI
40 to 49	1 433 (11.96%)	588 (41.03%)	597 (12.39%)	208 (34.84%)	836 (11.68%)	380 (45.45%)	10.61%	5.47 - 15.64
50 to 59	2 753 (22.98%)	1 213 (44.06%)	1 108 (22.99%)	421 (38.00%)	1 645 (22.98%)	792 (48.15%)	10.15%	6.38 - 13.86
60 to 69	3 772 (31.49%)	2 102 (55.73%)	1 453 (30.15%)	732 (50.38%)	2 319 (32.39%)	1 370 (59.08%)	8.70%	5.44 - 11.94
70 to 79	2 546 (21.26%)	1 613 (63.35%)	1 032 (21.42%)	624 (60.47%)	1 514 (21.15%)	989 (65.32%)	4.85%	1.04 - 8.69
80 +	933 (7.79%)	629 (67.42%)	395 (8.20%)	261 (66.08%)	538 (7.52%)	368 (68.40%)	2.32%	-3.72 - 8.44
Total	11 978	6 330 (52.85%)	4 819 (40.23%)	2 322 (48.18%)	7 159 (59.77%)	4 008 (55.99%)	7.81%	5.98 - 9.62

Table 20: Mortality with associated risk factors stratified by age group and wave.

Age group	Whole pandemic		First wave		Second wave		Second wave vs first wave	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Difference	99.5% CI
Cases with Gastrointestinal symptoms ^a								
0 to 19	2 736 (2.02%)	227 (8.30%)	1 562 (2.47%)	114 (7.30%)	1 174 (1.62%)	113 (9.63%)	2.33%	0.23 - 4.50
20 to 39	19 038 (14.05%)	2 404 (12.63%)	9 404 (14.87%)	910 (9.68%)	9 634 (13.33%)	1 494 (15.51%)	5.83%	4.89 - 6.77
40 to 49	20 656 (15.25%)	3 595 (17.40%)	9 727 (15.38%)	1 385 (14.24%)	10 929 (15.13%)	2 210 (20.22%)	5.98%	4.96 - 7.01
50 to 59	26 574 (19.61%)	6 563 (24.70%)	11 999 (18.98%)	2 550 (21.25%)	14 575 (20.17%)	4 013 (27.53%)	6.28%	5.25 - 7.31
60 to 69	28 732 (21.21%)	10 622 (36.97%)	12 777 (20.21%)	4 318 (33.80%)	15 955 (22.08%)	6 304 (39.51%)	5.71%	4.60 - 6.83
70 to 79	22 547 (16.64%)	10 823 (48.00%)	10 196 (16.12%)	4 628 (45.39%)	12 351 (17.09%)	6 195 (50.16%)	4.77%	3.46 - 6.07
80 +	15 200 (11.22%)	8 955 (58.91%)	7 567 (11.97%)	4 430 (58.54%)	7 633 (10.56%)	4 525 (59.28%)	0.74%	-0.83 - 2.30
Total	135 483	43 189 (31.88%)	63 232 (46.67%)	18 335 (29.00%)	72 251 (53.33%)	24 854 (34.40%)	5.40%	4.91 - 5.90
Cases with Neurological symptoms								
0 to 19	314 (0.50%)	24 (7.64%)	132 (0.70%)	9 (6.82%)	182 (0.42%)	15 (8.24%)	1.42%	-5.05 - 7.28
20 to 39	10 471 (16.81%)	1 151 (10.99%)	3 268 (17.40%)	204 (6.24%)	7 203 (16.55%)	947 (13.15%)	6.91%	5.74 - 8.02
40 to 49	11 247 (18.05%)	1 758 (15.63%)	3 287 (17.50%)	370 (11.26%)	7 960 (18.29%)	1 388 (17.44%)	6.18%	4.79 - 7.52
50 to 59	13 944 (22.38%)	3 219 (23.09%)	4 070 (21.67%)	700 (17.20%)	9 874 (22.69%)	2 519 (25.51%)	8.31%	6.85 - 9.74
60 to 69	13 465 (21.61%)	4 510 (33.49%)	3 870 (20.60%)	1 012 (26.15%)	9 595 (22.05%)	3 498 (36.46%)	10.31%	8.60 - 11.98
70 to 79	8 500 (13.79%)	3 833 (44.62%)	2 666 (14.19%)	1 047 (39.27%)	5 924 (13.61%)	2 786 (47.03%)	7.76%	5.50 - 9.99
80 +	4 276 (6.86%)	2 375 (55.54%)	1 491 (7.94%)	799 (53.59%)	2 785 (6.40%)	1 576 (56.59%)	3.00%	-0.12 - 6.13
Total	62 307	16 870 (27.08%)	18 784 (30.15%)	4 141 (22.05%)	43 523 (69.85%)	12 729 (29.25%)	7.20%	6.47 - 7.93
Cases with Respiratory symptoms								
0 to 19	8 039 (1.28%)	843 (10.49%)	4 695 (1.56%)	474 (10.10%)	3 344 (1.03%)	369 (11.03%)	0.93%	-0.42 - 2.32
20 to 39	76 019 (12.14%)	10 985 (14.45%)	37 500 (12.46%)	4 196 (11.19%)	38 519 (11.83%)	6 789 (17.63%)	6.44%	5.94 - 6.93
40 to 49	90 893 (14.51%)	18 359 (20.20%)	43 093 (14.32%)	7 153 (16.60%)	47 800 (14.68%)	11 206 (23.44%)	6.84%	6.33 - 7.36
50 to 59	120 497 (19.24%)	34 299 (28.46%)	56 043 (18.63%)	13 901 (24.80%)	64 454 (19.80%)	20 398 (31.65%)	6.85%	6.34 - 7.35
60 to 69	137 600 (21.97%)	57 649 (41.90%)	62 748 (20.85%)	24 505 (39.05%)	74 852 (22.99%)	33 144 (44.28%)	5.23%	4.70 - 5.75
70 to 79	111 887 (17.86%)	60 141 (53.75%)	53 521 (17.79%)	27 684 (51.73%)	58 366 (17.93%)	32 457 (55.61%)	3.88%	3.30 - 4.47
80 +	81 486 (13.01%)	52 555 (64.50%)	43 298 (14.39%)	27 823 (64.26%)	38 188 (11.73%)	24 732 (64.76%)	0.50%	-0.15 - 1.16
Total	626 421	234 831 (37.49%)	300 898 (48.03%)	105 736 (35.14%)	325 523 (51.97%)	129 095 (39.66%)	4.52%	4.28 - 4.76
Cases with Fever								
0 to 19	6 789 (1.68%)	618 (9.10%)	4 010 (1.91%)	351 (8.75%)	2 779 (1.43%)	267 (9.61%)	0.86%	-0.53 - 2.28
20 to 39	56 561 (13.99%)	7 578 (13.40%)	29 713 (14.17%)	3 100 (10.43%)	26 848 (13.79%)	4 478 (16.68%)	6.25%	5.68 - 6.81
40 to 49	64 905 (16.05%)	12 086 (18.62%)	33 345 (15.91%)	5 170 (15.50%)	31 560 (16.21%)	6 916 (21.91%)	6.41%	5.81 - 7.01
50 to 59	80 512 (19.91%)	21 334 (26.50%)	40 699 (19.41%)	9 448 (23.21%)	39 813 (20.45%)	11 886 (29.85%)	6.64%	6.03 - 7.25
60 to 69	84 409 (20.87%)	34 017 (40.30%)	41 985 (20.03%)	15 779 (37.58%)	42 424 (21.79%)	18 238 (42.99%)	5.41%	4.75 - 6.07
70 to 79	65 008 (16.08%)	34 328 (52.81%)	33 647 (16.05%)	17 087 (50.78%)	31 361 (16.11%)	17 241 (54.98%)	4.20%	3.43 - 4.96
80 +	46 174 (11.42%)	29 710 (64.34%)	26 252 (12.52%)	16 714 (63.67%)	19 922 (10.23%)	12 996 (65.23%)	1.56%	0.69 - 2.45
Total	404 358	139 671 (34.54%)	209 651 (51.85%)	67 649 (32.27%)	194 707 (48.15%)	72 022 (36.99%)	4.72%	4.43 - 5.02
Cases with Fatigue								
0 to 19	753 (0.62%)	81 (10.76%)	230 (0.80%)	15 (6.52%)	523 (0.56%)	66 (12.62%)	6.10%	1.37 - 10.12
20 to 39	14 592 (11.92%)	2 152 (14.75%)	3 279 (11.40%)	288 (8.78%)	11 313 (12.08%)	1 864 (16.48%)	7.70%	6.47 - 8.85
40 to 49	18 335 (14.98%)	3 821 (20.84%)	4 040 (14.05%)	588 (14.55%)	14 295 (15.27%)	3 233 (22.62%)	8.07%	6.75 - 9.32
50 to 59	24 897 (20.34%)	6 822 (27.40%)	5 524 (19.21%)	1 118 (20.24%)	19 373 (20.69%)	5 704 (29.44%)	9.20%	7.95 - 10.43
60 to 69	27 995 (22.88%)	11 258 (40.21%)	6 351 (22.08%)	2 119 (33.36%)	21 644 (23.12%)	9 139 (42.22%)	8.86%	7.52 - 10.18
70 to 79	21 797 (17.81%)	11 189 (51.33%)	5 396 (18.76%)	2 462 (45.63%)	16 401 (17.52%)	8 727 (53.21%)	7.58%	6.05 - 9.11
80 +	14 010 (11.45%)	8 597 (61.36%)	3 939 (13.70%)	2 338 (59.36%)	10 071 (10.76%)	6 259 (62.15%)	2.79%	1.00 - 4.60
Total	122 379	43 920 (35.89%)	28 759 (23.50%)	8 928 (31.04%)	93 620 (76.50%)	34 992 (37.38%)	6.34%	5.71 - 6.95
Cases with oxygen saturation <95%								
0 to 19	3 721 (0.87%)	600 (16.12%)	2 021 (1.05%)	329 (16.28%)	1 700 (0.71%)	271 (15.94%)	-0.34%	-2.70 - 2.05
20 to 39	43 389 (10.10%)	8 319 (19.17%)	18 300 (9.54%)	3 033 (16.57%)	25 089 (10.55%)	5 286 (21.07%)	4.50%	3.75 - 5.23
40 to 49	57 676 (13.42%)	14 008 (24.29%)	24 493 (12.77%)	5 228 (21.34%)	33 183 (13.95%)	8 780 (26.46%)	5.12%	4.41 - 5.81
50 to 59	81 895 (19.06%)	26 452 (32.30%)	35 067 (18.28%)	10 316 (29.42%)	46 828 (19.68%)	16 136 (34.46%)	5.04%	4.40 - 5.68
60 to 69	98 593 (22.94%)	44 836 (45.48%)	42 523 (22.17%)	18 422 (43.32%)	56 070 (23.57%)	26 414 (47.11%)	3.79%	3.16 - 4.41
70 to 79	82 783 (19.26%)	47 049 (56.83%)	37 734 (19.67%)	20 915 (55.43%)	45 049 (18.93%)	26 134 (58.01%)	2.58%	1.91 - 3.26
80 +	61 694 (14.36%)	41 223 (66.82%)	31 696 (16.52%)	21 188 (66.85%)	29 998 (12.61%)	20 035 (66.79%)	-0.06%	-0.80 - 0.68
Total	429 751	182 487 (42.46%)	191 834 (44.64%)	79 431 (41.41%)	237 917 (55.36%)	103 056 (43.32%)	1.91%	1.61 - 2.21

Note: We only consider data that have an informed outcome. Symptoms are collected only at the time of patient admission, as follows: Fever, Cough, Sore Throat, Dyspnea, Respiratory Discomfort, Oxygen Saturation <95%, Diarrhea, Vomiting, Abdominal pain, Fatigue, Loss of smell, and loss of taste.

^a Gastrointestinal symptoms include: diarrhea, vomiting, and abdominal pain.

^b Neurological symptoms include: loss of smell and taste.

^c Respiratory symptoms include: dyspnea, respiratory discomfort, and sore throat

Table 21: Symptoms stratified by age group and wave.

Self-reported race/ethnicity	%
White	47.7
Black/Brown	50.7
Asian	1.1
Indigenous	0.4

Table 22: Percentage of population by race/ethnicity. Data from the Brazilian Institute of Geography and Statistics (IBGE) for the 2010 population census.

Age group	Sex	Population
0-19	Female	29 342 837
	Male	30 634 126
	Total	59 976 963
20-39	Female	34 373 389
	Male	34 077 704
	Total	68 451 093
40-49	Female	15 104 223
	Male	14 151 255
	Total	29 255 478
50-59	Female	12 527 972
	Male	11 347 109
	Total	23 875 081
60-69	Female	9 045 409
	Male	7 687 563
	Total	16 732 972
70-79	Female	5 082 169
	Male	3 940 883
	Total	9 023 052
80+	Female	2 752 004
	Male	1 689 049
	Total	4 441 053

Table 23: Percentage of population by race/ethnicity. Data from the Brazilian Institute of Geography and Statistics (IBGE) for the 2010 population census.