

**CoVPN 5002 - SARS-COV-2 Prevalence Study
LIVE Open Report 31 January 2023**

Blood Specimen Collection by Site

	Sites					
	Overall	Atlanta	Aurora, CO	Baltimore	Bronx	Chicago
Total Participants Enrolled	26211	1643	839	1022	2560	1692
Total participants with Blood Specimen Collection CRF	26177	1640	839	1022	2542	1692
Blood collected ¹						
Yes	24811/26177 (94.8%)	1618/1640 (98.7%)	808/839 (96.3%)	936/1022 (91.6%)	2474/2542 (97.3%)	1532/1692 (90.5%)
Serum	24740/24811 (99.7%)	1618/1618 (100.0%)	808/808 (100.0%)	936/936 (100.0%)	2442/2474 (98.7%)	1530/1532 (99.9%)
Dried blood spot	71/24811 (0.3%)	0/1618 (0.0%)	0/808 (0.0%)	0/936 (0.0%)	32/2474 (1.3%)	2/1532 (0.1%)
Missing specimen type	0/24811 (0.0%)	0/1618 (0.0%)	0/808 (0.0%)	0/936 (0.0%)	0/2474 (0.0%)	0/1532 (0.0%)
No	1366/26177 (5.2%)	22/1640 (1.3%)	31/839 (3.7%)	86/1022 (8.4%)	68/2542 (2.7%)	160/1692 (9.5%)
Participant declined	95/1366 (7.0%)	7/22 (31.8%)	1/31 (3.2%)	0/86 (0.0%)	10/68 (14.7%)	3/160 (1.9%)
Participant unable to provide sample	1173/1366 (85.9%)	15/22 (68.2%)	27/31 (87.1%)	84/86 (97.7%)	52/68 (76.5%)	152/160 (95.0%)
Other	97/1366 (7.1%)	0/22 (0.0%)	3/31 (9.7%)	2/86 (2.3%)	6/68 (8.8%)	5/160 (3.1%)
Community Venues, total enrolled	22284	1489	839	877	2546	1246
Community Venues, total participants with Blood Specimen Collection CRF	22251	1486	839	877	2528	1246
< 2 years of age	137	1	4	1	36	4
Blood collected ¹						
Yes	75/137 (54.7%)	0/1 (0.0%)	2/4 (50.0%)	0/1 (0.0%)	35/36 (97.2%)	2/4 (50.0%)
Serum	14/75 (18.7%)	-	2/2 (100.0%)	-	8/35 (22.9%)	0/2 (0.0%)
Dried blood spot	61/75 (81.3%)	-	0/2 (0.0%)	-	27/35 (77.1%)	2/2 (100.0%)
Missing specimen type	0/75 (0.0%)	-	0/2 (0.0%)	-	0/35 (0.0%)	0/2 (0.0%)
No	62/137 (45.3%)	1/1 (100.0%)	2/4 (50.0%)	1/1 (100.0%)	1/36 (2.8%)	2/4 (50.0%)
Participant declined	2/62 (3.2%)	0/1 (0.0%)	0/2 (0.0%)	0/1 (0.0%)	0/1 (0.0%)	0/2 (0.0%)
Participant unable to provide sample	57/62 (91.9%)	1/1 (100.0%)	2/2 (100.0%)	0/1 (0.0%)	1/1 (100.0%)	2/2 (100.0%)
Other	3/62 (4.8%)	0/1 (0.0%)	0/2 (0.0%)	1/1 (100.0%)	0/1 (0.0%)	0/2 (0.0%)
2+ years of age	22108	1484	835	876	2491	1242
Blood collected ¹						
Yes	20993/22108 (95.0%)	1470/1484 (99.1%)	806/835 (96.5%)	806/876 (92.0%)	2425/2491 (97.4%)	1123/1242 (90.4%)
Serum	20984/20993 (100.0%)	1470/1470 (100.0%)	806/806 (100.0%)	806/806 (100.0%)	2420/2425 (99.8%)	1123/1123 (100.0%)
Dried blood spot	9/20993 (0.0%)	0/1470 (0.0%)	0/806 (0.0%)	0/806 (0.0%)	5/2425 (0.2%)	0/1123 (0.0%)
Missing specimen type	0/20993 (0.0%)	0/1470 (0.0%)	0/806 (0.0%)	0/806 (0.0%)	0/2425 (0.0%)	0/1123 (0.0%)
No	1115/22108 (5.0%)	14/1484 (0.9%)	29/835 (3.5%)	70/876 (8.0%)	66/2491 (2.6%)	119/1242 (9.6%)
Participant declined	84/1115 (7.5%)	7/14 (50.0%)	1/29 (3.4%)	0/70 (0.0%)	10/66 (15.2%)	3/119 (2.5%)
Participant unable to provide sample	948/1115 (85.0%)	7/14 (50.0%)	25/29 (86.2%)	69/70 (98.6%)	50/66 (75.8%)	112/119 (94.1%)
Other	83/1115 (7.4%)	0/14 (0.0%)	3/29 (10.3%)	1/70 (1.4%)	6/66 (9.1%)	4/119 (3.4%)

¹ Study protocol specified dried blood spot collection in community venues participants under 2 years of age and blood serum collection otherwise.

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Blood Specimen Collection by Site

	Sites					
	Cincinnati	Harlem	Houston	Miami	New Orleans	New York - Columbia
Total Participants Enrolled	1235	3175	1363	1480	2073	773
Total participants with Blood Specimen Collection CRF	1235	3171	1361	1480	2070	772
Blood collected ¹						
Yes	1029/1235 (83.3%)	2807/3171 (88.5%)	1303/1361 (95.7%)	1417/1480 (95.7%)	2034/2070 (98.3%)	749/772 (97.0%)
Serum	1029/1029 (100.0%)	2807/2807 (100.0%)	1299/1303 (99.7%)	1417/1417 (100.0%)	2029/2034 (99.8%)	749/749 (100.0%)
Dried blood spot	0/1029 (0.0%)	0/2807 (0.0%)	4/1303 (0.3%)	0/1417 (0.0%)	5/2034 (0.2%)	0/749 (0.0%)
Missing specimen type	0/1029 (0.0%)	0/2807 (0.0%)	0/1303 (0.0%)	0/1417 (0.0%)	0/2034 (0.0%)	0/749 (0.0%)
No	206/1235 (16.7%)	364/3171 (11.5%)	58/1361 (4.3%)	63/1480 (4.3%)	36/2070 (1.7%)	23/772 (3.0%)
Participant declined	5/206 (2.4%)	33/364 (9.1%)	9/58 (15.5%)	2/63 (3.2%)	1/36 (2.8%)	4/23 (17.4%)
Participant unable to provide sample	173/206 (84.0%)	323/364 (88.7%)	32/58 (55.2%)	61/63 (96.8%)	32/36 (88.9%)	13/23 (56.5%)
Other	28/206 (13.6%)	8/364 (2.2%)	17/58 (29.3%)	0/63 (0.0%)	3/36 (8.3%)	6/23 (26.1%)
Community Venues, total enrolled	1188	2672	1174	1480	1799	508
Community Venues, total participants with Blood Specimen Collection CRF	1188	2669	1172	1480	1796	507
< 2 years of age	0	50	3	0	7	0
Blood collected ¹						
Yes	-	0/50 (0.0%)	3/3 (100.0%)	-	4/7 (57.1%)	-
Serum	-	-	1/3 (33.3%)	-	1/4 (25.0%)	-
Dried blood spot	-	-	2/3 (66.7%)	-	3/4 (75.0%)	-
Missing specimen type	-	-	0/3 (0.0%)	-	0/4 (0.0%)	-
No	-	50/50 (100.0%)	0/3 (0.0%)	-	3/7 (42.9%)	-
Participant declined	-	2/50 (4.0%)	-	-	0/3 (0.0%)	-
Participant unable to provide sample	-	48/50 (96.0%)	-	-	2/3 (66.7%)	-
Other	-	0/50 (0.0%)	-	-	1/3 (33.3%)	-
2+ years of age	1188	2618	1169	1479	1789	507
Blood collected ¹						
Yes	989/1188 (83.2%)	2356/2618 (90.0%)	1117/1169 (95.6%)	1416/1479 (95.7%)	1761/1789 (98.4%)	493/507 (97.2%)
Serum	989/989 (100.0%)	2356/2356 (100.0%)	1116/1117 (99.9%)	1416/1416 (100.0%)	1759/1761 (99.9%)	493/493 (100.0%)
Dried blood spot	0/989 (0.0%)	0/2356 (0.0%)	1/1117 (0.1%)	0/1416 (0.0%)	2/1761 (0.1%)	0/493 (0.0%)
Missing specimen type	0/989 (0.0%)	0/2356 (0.0%)	0/1117 (0.0%)	0/1416 (0.0%)	0/1761 (0.0%)	0/493 (0.0%)
No	199/1188 (16.8%)	262/2618 (10.0%)	52/1169 (4.4%)	63/1479 (4.3%)	28/1789 (1.6%)	14/507 (2.8%)
Participant declined	5/199 (2.5%)	28/262 (10.7%)	9/52 (17.3%)	2/63 (3.2%)	1/28 (3.6%)	1/14 (7.1%)
Participant unable to provide sample	166/199 (83.4%)	228/262 (87.0%)	28/52 (53.8%)	61/63 (96.8%)	25/28 (89.3%)	9/14 (64.3%)
Other	28/199 (14.1%)	6/262 (2.3%)	15/52 (28.8%)	0/63 (0.0%)	2/28 (7.1%)	4/14 (28.6%)

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Blood Specimen Collection by Site

	Sites			
	Newark	Philadelphia	Pittsburgh	Ponce, Puerto Rico
Total Participants Enrolled	1123	2103	1303	3827
Total participants with Blood Specimen Collection CRF	1121	2103	1302	3827
Blood collected ¹				
Yes	1082/1121 (96.5%)	1982/2103 (94.2%)	1216/1302 (93.4%)	3824/3827 (99.9%)
Serum	1082/1082 (100.0%)	1982/1982 (100.0%)	1216/1216 (100.0%)	3796/3824 (99.3%)
Dried blood spot	0/1082 (0.0%)	0/1982 (0.0%)	0/1216 (0.0%)	28/3824 (0.7%)
Missing specimen type	0/1082 (0.0%)	0/1982 (0.0%)	0/1216 (0.0%)	0/3824 (0.0%)
No	39/1121 (3.5%)	121/2103 (5.8%)	86/1302 (6.6%)	3/3827 (0.1%)
Participant declined	7/39 (17.9%)	10/121 (8.3%)	3/86 (3.5%)	0/3 (0.0%)
Participant unable to provide sample	25/39 (64.1%)	102/121 (84.3%)	81/86 (94.2%)	1/3 (33.3%)
Other	6/39 (15.4%)	9/121 (7.4%)	2/86 (2.3%)	2/3 (66.7%)
Community Venues, total enrolled	861	1564	1117	2924
Community Venues, total participants with Blood Specimen Collection CRF	859	1564	1116	2924
< 2 years of age	0	1	0	30
Blood collected ¹				
Yes	-	0/1 (0.0%)	-	29/30 (96.7%)
Serum	-	-	-	2/29 (6.9%)
Dried blood spot	-	-	-	27/29 (93.1%)
Missing specimen type	-	-	-	0/29 (0.0%)
No	-	1/1 (100.0%)	-	1/30 (3.3%)
Participant declined	-	0/1 (0.0%)	-	0/1 (0.0%)
Participant unable to provide sample	-	1/1 (100.0%)	-	0/1 (0.0%)
Other	-	0/1 (0.0%)	-	1/1 (100.0%)
2+ years of age	858	1562	1116	2894
Blood collected ¹				
Yes	822/858 (95.8%)	1477/1562 (94.6%)	1040/1116 (93.2%)	2892/2894 (99.9%)
Serum	822/822 (100.0%)	1477/1477 (100.0%)	1040/1040 (100.0%)	2891/2892 (100.0%)
Dried blood spot	0/822 (0.0%)	0/1477 (0.0%)	0/1040 (0.0%)	1/2892 (0.0%)
Missing specimen type	0/822 (0.0%)	0/1477 (0.0%)	0/1040 (0.0%)	0/2892 (0.0%)
No	36/858 (4.2%)	85/1562 (5.4%)	76/1116 (6.8%)	2/2894 (0.1%)
Participant declined	6/36 (16.7%)	8/85 (9.4%)	3/76 (3.9%)	0/2 (0.0%)
Participant unable to provide sample	25/36 (69.4%)	70/85 (82.4%)	72/76 (94.7%)	1/2 (50.0%)
Other	5/36 (13.9%)	7/85 (8.2%)	1/76 (1.3%)	1/2 (50.0%)

¹ Study protocol specified dried blood spot collection in community venues participants under 2 years of age and blood serum collection otherwise.
SOURCE: SCHARP (blakshmi) /trials/covprn/p5002/analysis/atlas/code/t_spec_coll_blood_site.sas (SAS 9.4) 31JAN2023 04:32

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Blood Specimen Collection by Site

	Sites					
	Overall	Atlanta	Aurora, CO	Baltimore	Bronx	Chicago
Clinics, total enrolled	3121	154	0	145	14	335
Clinics, total participants with Blood Specimen Collection CRF	3120	154	0	145	14	335
Blood collected ¹						
Yes	2956/3120 (94.7%)	147/154 (95.5%)	-	130/145 (89.7%)	13/14 (92.9%)	307/335 (91.6%)
Serum	2955/2956 (100.0%)	147/147 (100.0%)	-	130/130 (100.0%)	13/13 (100.0%)	307/307 (100.0%)
Dried blood spot	1/2956 (0.0%)	0/147 (0.0%)	-	0/130 (0.0%)	0/13 (0.0%)	0/307 (0.0%)
Missing specimen type	0/2956 (0.0%)	0/147 (0.0%)	-	0/130 (0.0%)	0/13 (0.0%)	0/307 (0.0%)
No	164/3120 (5.3%)	7/154 (4.5%)	-	15/145 (10.3%)	1/14 (7.1%)	28/335 (8.4%)
Participant declined	8/164 (4.9%)	0/7 (0.0%)	-	0/15 (0.0%)	0/1 (0.0%)	0/28 (0.0%)
Participant unable to provide sample	147/164 (89.6%)	7/7 (100.0%)	-	15/15 (100.0%)	1/1 (100.0%)	28/28 (100.0%)
Other	9/164 (5.5%)	0/7 (0.0%)	-	0/15 (0.0%)	0/1 (0.0%)	0/28 (0.0%)
Nursing Homes, total enrolled	806	0	0	0	0	111
Nursing Homes, total participants with Blood Specimen Collection CRF	806	0	0	0	0	111
Blood collected ¹						
Yes	784/806 (97.3%)	-	-	-	-	100/111 (90.1%)
Serum	784/784 (100.0%)	-	-	-	-	100/100 (100.0%)
Dried blood spot	0/784 (0.0%)	-	-	-	-	0/100 (0.0%)
Missing specimen type	0/784 (0.0%)	-	-	-	-	0/100 (0.0%)
No	22/806 (2.7%)	-	-	-	-	11/111 (9.9%)
Participant declined	0/22 (0.0%)	-	-	-	-	0/11 (0.0%)
Participant unable to provide sample	21/22 (95.5%)	-	-	-	-	10/11 (90.9%)
Other	1/22 (4.5%)	-	-	-	-	1/11 (9.1%)

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SOURCE: SCHARP (blakshmi) /trials/covprn/p5002/analysis/atlas/code/t_spec_coll_blood_site.sas (SAS 9.4) 31JAN2023 04:32

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Blood Specimen Collection by Site

	Sites					
	Cincinnati	Harlem	Houston	Miami	New Orleans	New York - Columbia
Clinics, total enrolled	35	503	157	0	73	265
Clinics, total participants with Blood Specimen Collection CRF	35	502	157	0	73	265
Blood collected ¹						
Yes	29/35 (82.9%)	451/502 (89.8%)	152/157 (96.8%)	-	73/73 (100.0%)	256/265 (96.6%)
Serum	29/29 (100.0%)	451/451 (100.0%)	151/152 (99.3%)	-	73/73 (100.0%)	256/256 (100.0%)
Dried blood spot	0/29 (0.0%)	0/451 (0.0%)	1/152 (0.7%)	-	0/73 (0.0%)	0/256 (0.0%)
Missing specimen type	0/29 (0.0%)	0/451 (0.0%)	0/152 (0.0%)	-	0/73 (0.0%)	0/256 (0.0%)
No	6/35 (17.1%)	51/502 (10.2%)	5/157 (3.2%)	-	0/73 (0.0%)	9/265 (3.4%)
Participant declined	0/6 (0.0%)	2/51 (3.9%)	0/5 (0.0%)	-	-	3/9 (33.3%)
Participant unable to provide sample	6/6 (100.0%)	47/51 (92.2%)	3/5 (60.0%)	-	-	4/9 (44.4%)
Other	0/6 (0.0%)	2/51 (3.9%)	2/5 (40.0%)	-	-	2/9 (22.2%)
Nursing Homes, total enrolled	12	0	32	0	201	0
Nursing Homes, total participants with Blood Specimen Collection CRF	12	0	32	0	201	0
Blood collected ¹						
Yes	11/12 (91.7%)	-	31/32 (96.9%)	-	196/201 (97.5%)	-
Serum	11/11 (100.0%)	-	31/31 (100.0%)	-	196/196 (100.0%)	-
Dried blood spot	0/11 (0.0%)	-	0/31 (0.0%)	-	0/196 (0.0%)	-
Missing specimen type	0/11 (0.0%)	-	0/31 (0.0%)	-	0/196 (0.0%)	-
No	1/12 (8.3%)	-	1/32 (3.1%)	-	5/201 (2.5%)	-
Participant declined	0/1 (0.0%)	-	0/1 (0.0%)	-	0/5 (0.0%)	-
Participant unable to provide sample	1/1 (100.0%)	-	1/1 (100.0%)	-	5/5 (100.0%)	-
Other	0/1 (0.0%)	-	0/1 (0.0%)	-	0/5 (0.0%)	-

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Blood Specimen Collection by Site

	Sites			
	Newark	Philadelphia	Pittsburgh	Ponce, Puerto Rico
Clinics, total enrolled	262	539	139	500
Clinics, total participants with Blood Specimen Collection CRF	262	539	139	500
Blood collected ¹				
Yes	260/262 (99.2%)	505/539 (93.7%)	133/139 (95.7%)	500/500 (100.0%)
Serum	260/260 (100.0%)	505/505 (100.0%)	133/133 (100.0%)	500/500 (100.0%)
Dried blood spot	0/260 (0.0%)	0/505 (0.0%)	0/133 (0.0%)	0/500 (0.0%)
Missing specimen type	0/260 (0.0%)	0/505 (0.0%)	0/133 (0.0%)	0/500 (0.0%)
No	2/262 (0.8%)	34/539 (6.3%)	6/139 (4.3%)	0/500 (0.0%)
Participant declined	1/2 (50.0%)	2/34 (5.9%)	0/6 (0.0%)	-
Participant unable to provide sample	0/2 (0.0%)	31/34 (91.2%)	5/6 (83.3%)	-
Other	1/2 (50.0%)	1/34 (2.9%)	1/6 (16.7%)	-
Nursing Homes, total enrolled	0	0	47	403
Nursing Homes, total participants with Blood Specimen Collection CRF	0	0	47	403
Blood collected ¹				
Yes	-	-	43/47 (91.5%)	403/403 (100.0%)
Serum	-	-	43/43 (100.0%)	403/403 (100.0%)
Dried blood spot	-	-	0/43 (0.0%)	0/403 (0.0%)
Missing specimen type	-	-	0/43 (0.0%)	0/403 (0.0%)
No	-	-	4/47 (8.5%)	0/403 (0.0%)
Participant declined	-	-	0/4 (0.0%)	-
Participant unable to provide sample	-	-	4/4 (100.0%)	-
Other	-	-	0/4 (0.0%)	-

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