

Weekly SARS-CoV-2 Sequencing Summary for the State of Maine

January 7th, 2022

SUMMARY

Critical updates

- 12,431 genomes sampled between March 10, 2020 and December 30, 2021 are included in the analysis
- 47 B.1.1.529/BA.1 (omicron) Variant of concern have been identified
- 6428 B.1.617.2/AY.* (delta) Variant of concern have been identified
- 1185 B.1.1.7-like (alpha) Variant being monitored have been identified
- 8 B.1.351 (beta) Variant being monitored have been identified
- 167 P.1-like (gamma) Variant being monitored have been identified

Notable Updates

- Proportion of sequenced samples typed as Omicron by collection week::

Week	Dates	Total Samples Sequenced	Omicron Samples	Proportion Omicron*
50	12/5-12/11	195	2	1.0%
51	12/12-12/18	144	10	6.9%
52	12/19-12/25	130	20	15.4%
53	12/26-1/1/22	54	15	27.7%

*Proportion estimates are based on current sequencing results and are impacted by sampling coverage and bias.

IMPORTANCE

- Variants of Concern can have increased transmission
- Variants of Concern can have increased severity of disease based on hospitalization and case fatality rates
- Variants of Concern can have decreased susceptibility to therapeutic agents such as monoclonal antibodies
- Variants of Concern could evade natural or vaccine-induced immunity

CAVEATS and CONCERNS

- 432 samples do not contain metadata preventing upload to national databases and inclusion in monthly and weekly counts.
- Weekly biases exist due to uneven sampling across the state
- Need to reduce location bias by sequencing more samples from varying facilities and laboratories
- Turnaround times need to decrease to inform infection control practices
- Phylogenetic tree has no county metadata. Public release of county or aggregated-county metadata will aid regional analysis

REFERENCES

<https://nextstrain.org/community/tewhey-lab/ncov-ME/latest>

<https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/variant-surveillance/variant-info.html>

<https://covariants.org/>

<https://outbreak.info/situation-reports>

<https://nextstrain.org/>

<https://github.com/tewhey-lab/ncov-ME>

Pangolin Lineage	WHO Label	CDC Category	Cumulative Count	Sept 2021	Oct 2021	Nov 2021	Dec 2021
B.1.1.529 / BA.*	Omicron	VOC	47	0.0%	0.0%	0.0%	6.9%
B.1.617.2 / AY.*	Delta	VOC	6428	99.2%	98.2%	99.3%	92.9%
B.1.1.7 / Q.*	Alpha	VBM	1185	0.0%	0.0%	0.0%	0.0%
B.1.351	Beta	VBM	8	0.0%	0.0%	0.0%	0.0%
P.1*	Gamma	VBM	167	0.1%	0.0%	0.0%	0.0%
B.1.427 / B.1.429	Epsilon	VBM	153	0.0%	0.0%	0.0%	0.0%
P.2	Zeta	VBM	112	0.0%	0.0%	0.0%	0.0%
B.1.525	Eta	VBM	8	0.0%	0.0%	0.0%	0.0%
B.1.526	Iota	VBM	1013	0.0%	0.0%	0.0%	0.0%
B.1.621.*	Mu	VBM	104	0.0%	0.0%	0.0%	0.0%
C.37.*	Lambda		3	0.0%	0.0%	0.0%	0.0%
Total VOI/VOC Sequenced			9228	1140	1280	1145	678
Total Cases Sequenced			12431	1148	1303	1153	679

Table 1: Proportion of cases classified as a variant of concern (VOC), interest (VOI) or variants being monitored (VBM) by month. Lineages with “*” include the parent lineage and all sublineages (e.g. P.1* include P.1, P.1.10, P.1.12 etc)

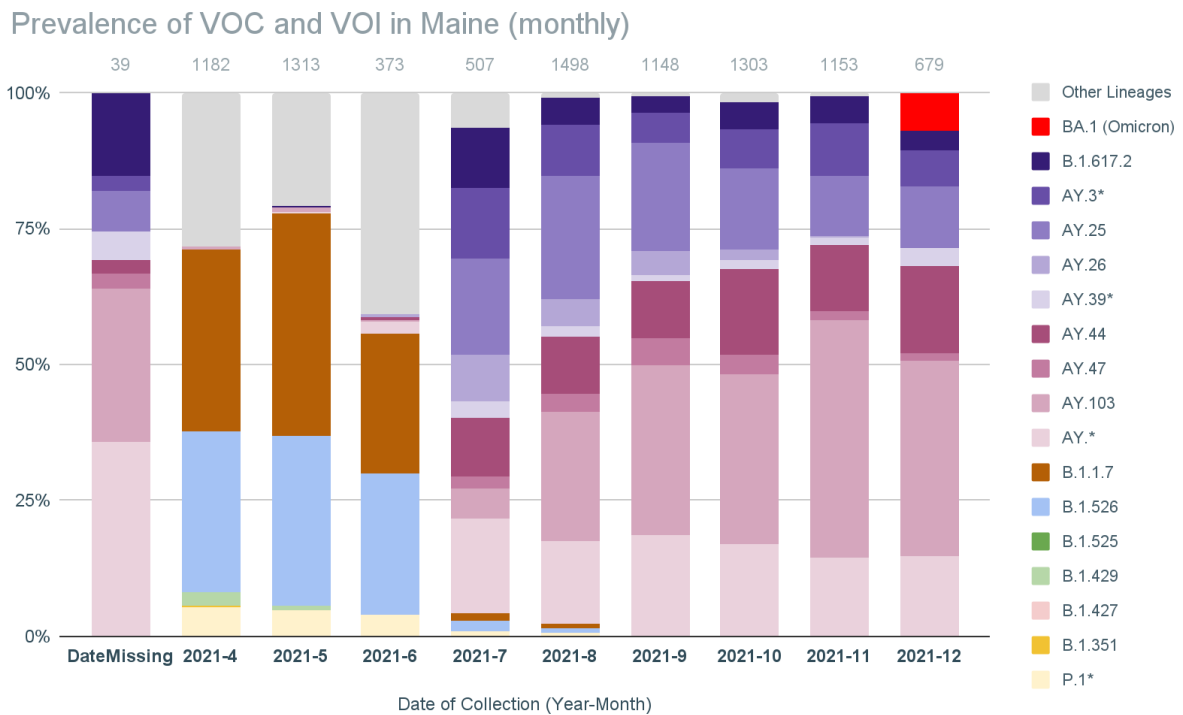


Figure 1: Proportion of samples typed as VOC/VOI/VBM by month. Samples represented as “DateMissing” include samples sequenced in the past 60 days without metadata.

Lineages with “*” include the parent lineage and all sublineages (e.g. P.1* include P.1, P.1.10, P.1.12 etc)

AY.* does not include AY.3.*, AY.25, AY.26, AY.39, AY.44, AY.47 and AY.103 which are provided separately.

B.1.1.7 includes all Q.* sublineages

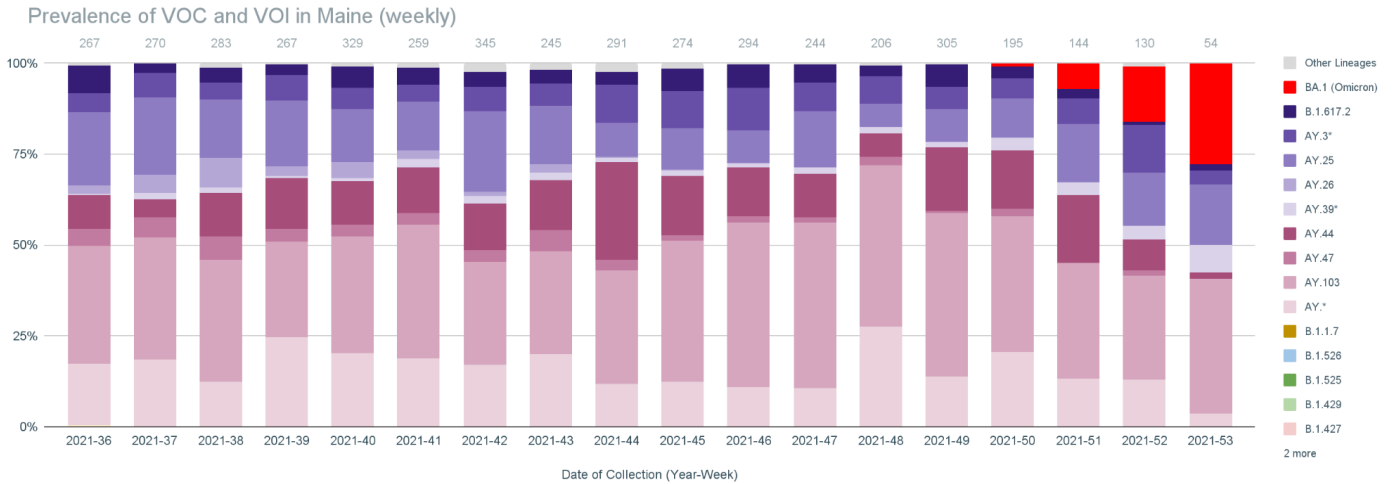


Figure 2: Proportion of samples typed as VOC and VOI by week.

Lineages with “*” include the parent lineage and all sublineages (e.g. P.1* include P.1, P.1.10, P.1.12)

AY.* does not include AY.3.*, AY.25, AY.26, AY.39, AY.44, AY.47 and AY.103 which are provided separately.

B.1.1.7 includes all Q.* sublineages

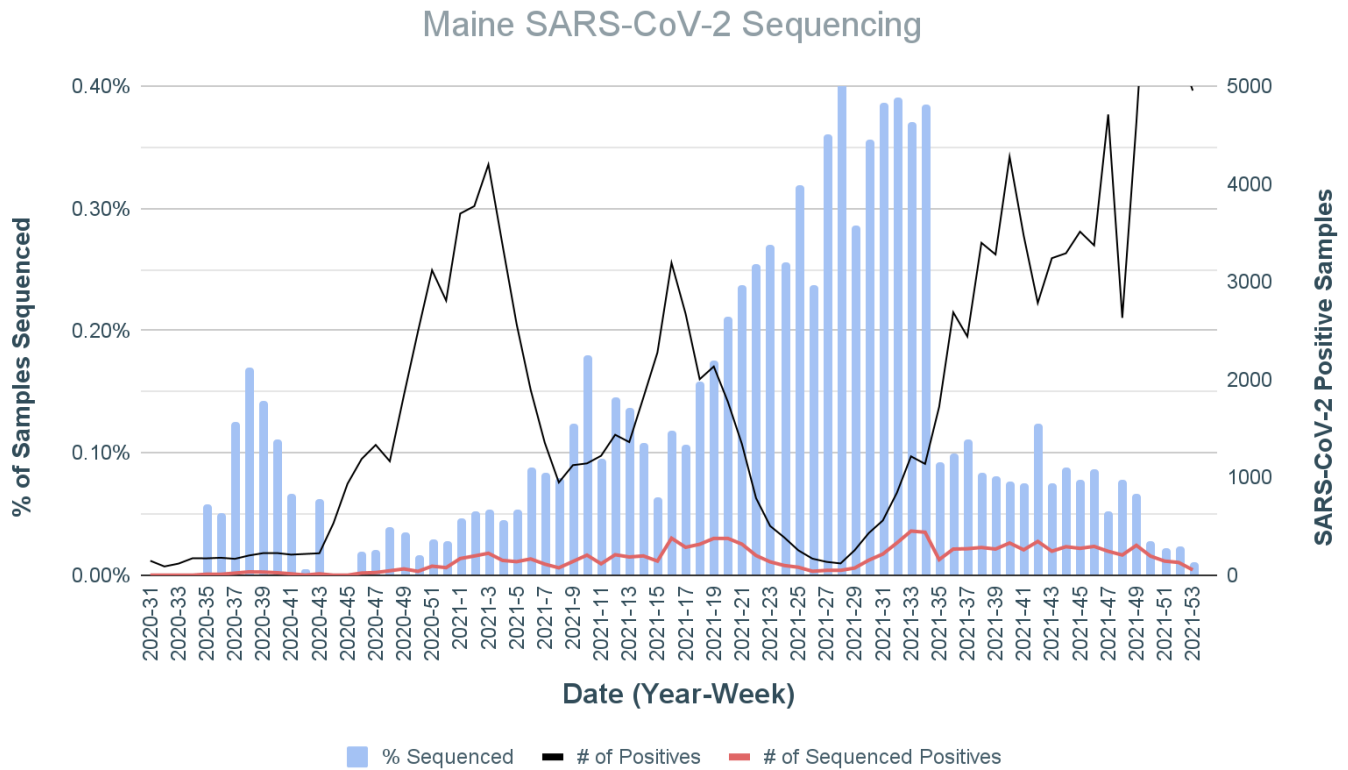


Figure 3: Proportion of COVID-19 positive samples sequenced.

Sample Collection Date	JAX	HETL	CDC	Other
Missing Date	432	0	0	0
Pre-Sept 2020	119	0	0	8
Sept 2020	116	0	0	0
Oct 2020	34	0	0	0
Nov 2020	130	0	0	0
Dec 2020	344	0	12	2
Jan 2021	661	0	89	19
Feb 2021	349	13	125	7
Mar 2021	564	16	222	1
Apr 2021	750	83	359	1
May 2021	950	59	305	0
June 2021	298	0	75	0
July 2021	457	0	50	0
Aug 2021	1338	0	160	0
Sep 2021	729	0	419	0
Oct 2021	582	0	719	2
Nov 2021	628	0	519	6
Dec 2021	518	0	157	1

Table 2: Total number of samples sequenced. Only Sequences passing quality metrics are included. CDC totals include samples from federal contracts (LabCorp, Helix, Broad) and 10 samples requested from HETL every 2 weeks via the NS3 surveillance program.

	Total	12/05/21 - 12/11/21	12/12/21 - 12/18/21	12/19/21 - 12/25/21	12/26/21 - 01/01/22
Total number of cases sequenced	12431	195	144	130	54
Total positive tests by molecular testing	134975	N/A	N/A	N/A	N/A
Total positive tests	188643	6879	6403	5380	4956
Percent of positives sequenced (molecular)	9.21%	-	-	-	-
Percent of positives sequenced (total)	6.59%	2.83%	2.25%	2.42%	1.09%

Table 3: Total proportion of positive tests sequenced.

Supplemental Table 1: VOC/VOI proportion and total counts by county. Sequences obtained through GISAID (CDC, HETL, Other) are not included in the by-county breakdown.

AY.* does not include AY.3.*, AY.25, AY.26, AY.39, AY.44, AY.47 and AY.103 which are provided separately.

Variant	County	Cumulative % (total count)	Sept 2021	Oct 2021	Nov 2021	Dec 2021
P.1*	ANDROSCOGGIN	1.3% (13)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	AROOSTOOK	7.8% (32)	8.3% (1)	0% (0)	0% (0)	0% (0)
P.1*	CUMBERLAND	1.6% (23)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	FRANKLIN	0.6% (1)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	HANCOCK	2.2% (5)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	KENNEBEC	1.2% (9)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	OXFORD	1.1% (4)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	PENOBSCOT	1.9% (25)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	SAGADAHOC	1.1% (1)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	SOMERSET/PISCATAQUIS	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	WALDO	1.4% (4)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	YORK	1.9% (19)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	Total (w/ county information)	1.6% (136)	0.2% (1)	0% (0)	0% (0)	0% (0)
P.1*	Total	1.3% (167)	0.1% (1)	0% (0)	0% (0)	0% (0)
B.1.351	ANDROSCOGGIN	0.2% (2)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	AROOSTOOK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	CUMBERLAND	0.1% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	FRANKLIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	HANCOCK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	KENNEBEC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	LINCOLN	1.2% (2)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	OXFORD	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	PENOBSCOT	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	SAGADAHOC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	SOMERSET/PISCATAQUIS	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	WALDO	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	YORK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	Total (w/ county information)	0.1% (5)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	Total	0.1% (8)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	ANDROSCOGGIN	14.3% (138)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	AROOSTOOK	7.1% (29)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	CUMBERLAND	12.1% (170)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	FRANKLIN	12.3% (19)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	HANCOCK	7.4% (17)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	KENNEBEC	8.1% (62)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	KNOX	6.3% (15)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	LINCOLN	25.1% (43)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	OXFORD	14.5% (51)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	PENOBSCOT	10.6% (141)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	SAGADAHOC	20.0% (18)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	SOMERSET/PISCATAQUIS	10.2% (73)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	WALDO	4.8% (14)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	WASHINGTON	5.2% (8)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	YORK	10.9% (109)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	Total (w/ county information)	11.0% (907)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	Total	9.4% (1166)	0% (0)	0% (0)	0% (0)	0% (0)

Supplemental Table 1 continued:

Variant	County	Cumulative % (total count)	Sept 2021	Oct 2021	Nov 2021	Dec 2021
Q.*	ANDROSCOGGIN	0.9% (9)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	AROOSTOOK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	CUMBERLAND	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	FRANKLIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	HANCOCK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	KENNEBEC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	OXFORD	0.3% (1)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	PENOBSCOT	0.1% (1)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	SAGADAHOC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	SOMERSET/PISCATAQUIS	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	WALDO	0.7% (2)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	YORK	0.2% (2)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	Total (w/ county information)	0.2% (15)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	Total	0.2% (19)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	ANDROSCOGGIN	1.1% (11)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	AROOSTOOK	2.9% (12)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	CUMBERLAND	2.9% (41)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	FRANKLIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	HANCOCK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	KENNEBEC	0.9% (7)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	OXFORD	1.1% (4)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	PENOBSCOT	1.6% (22)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	SAGADAHOC	1.1% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	SOMERSET/PISCATAQUIS	0.1% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	WALDO	0.3% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	WASHINGTON	0.7% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	YORK	1.3% (13)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	Total (w/ county information)	1.4% (114)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	Total	1.2% (149)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	ANDROSCOGGIN	0.1% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	AROOSTOOK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	CUMBERLAND	0.1% (2)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	FRANKLIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	HANCOCK	0.4% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	KENNEBEC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	OXFORD	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	PENOBSCOT	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	SAGADAHOC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	SOMERSET/PISCATAQUIS	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	WALDO	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	YORK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	Total (w/ county information)	0.0% (4)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	Total	0.0% (4)	0% (0)	0% (0)	0% (0)	0% (0)

Supplemental Table 1 continued:

Variant	County	Cumulative % (total count)	Sept 2021	Oct 2021	Nov 2021	Dec 2021
B.1.525	ANDROSCOGGIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	AROOSTOOK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	CUMBERLAND	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	FRANKLIN	1.9% (3)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	HANCOCK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	KENNEBEC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	OXFORD	1.1% (4)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	PENOBSCOT	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	SAGADAHOC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	SOMERSET/PISCATAQUIS	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	WALDO	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	YORK	0.1% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	Total (w/ county information)	0.1% (8)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	Total	0.1% (8)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	ANDROSCOGGIN	16.2% (157)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	AROOSTOOK	2.0% (8)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	CUMBERLAND	8.5% (119)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	FRANKLIN	10.4% (16)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	HANCOCK	9.1% (21)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	KENNEBEC	12.6% (97)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	KNOX	10.0% (24)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	LINCOLN	4.1% (7)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	OXFORD	10.2% (36)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	PENOBSCOT	6.8% (91)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	SAGADAHOC	23.3% (21)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	SOMERSET/PISCATAQUIS	11.3% (81)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	WALDO	6.9% (20)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	WASHINGTON	13.7% (21)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	YORK	6.4% (64)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	Total (w/ county information)	9.5% (783)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	Total	8.1% (1013)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.617.2	ANDROSCOGGIN	0.6% (6)	0% (0)	0% (0)	3.7% (2)	6.9% (2)
B.1.617.2	AROOSTOOK	1.5% (6)	0% (0)	0% (0)	13.5% (5)	0% (0)
B.1.617.2	CUMBERLAND	2.4% (34)	5.0% (2)	14.0% (12)	5.0% (6)	5.7% (4)
B.1.617.2	FRANKLIN	1.9% (3)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.617.2	HANCOCK	0.4% (1)	0% (0)	25.0% (1)	0% (0)	0% (0)
B.1.617.2	KENNEBEC	2.1% (16)	1.7% (1)	7.0% (3)	5.2% (4)	1.4% (1)
B.1.617.2	KNOX	3.8% (9)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.617.2	LINCOLN	12.3% (21)	23.8% (5)	0% (0)	0% (0)	0% (0)
B.1.617.2	OXFORD	2.0% (7)	16.7% (1)	0% (0)	12.5% (1)	7.1% (1)
B.1.617.2	PENOBSCOT	2.4% (32)	8.5% (11)	0% (0)	0% (0)	2.8% (2)
B.1.617.2	SAGADAHOC	3.3% (3)	0% (0)	14.3% (1)	0% (0)	28.6% (2)
B.1.617.2	SOMERSET/PISCATAQUIS	2.6% (19)	1.1% (1)	2.9% (2)	4.6% (3)	1.7% (1)
B.1.617.2	WALDO	4.8% (14)	0% (0)	0% (0)	20.0% (1)	0% (0)
B.1.617.2	WASHINGTON	0.7% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.617.2	YORK	2.4% (24)	0% (0)	3.9% (2)	7.7% (4)	2.5% (1)
B.1.617.2	Total (w/ county information)	2.4% (196)	4.1% (21)	4.2% (21)	4.7% (26)	3.2% (14)
B.1.617.2	Total	2.6% (329)	2.9% (33)	4.9% (64)	5.0% (58)	3.5% (24)

Supplemental Table 1 continued:

Variant	County	Cumulative % (total count)	Sept 2021	Oct 2021	Nov 2021	Dec 2021
AY.3*	ANDROSCOGGIN	3.4% (33)	14.3% (1)	2.9% (1)	18.5% (10)	0% (0)
AY.3*	AROOSTOOK	3.2% (13)	16.7% (2)	8.8% (3)	2.7% (1)	11.1% (2)
AY.3*	CUMBERLAND	2.4% (34)	17.5% (7)	0% (0)	5.8% (7)	1.4% (1)
AY.3*	FRANKLIN	1.3% (2)	0% (0)	0% (0)	0% (0)	0% (0)
AY.3*	HANCOCK	11.3% (26)	0% (0)	0% (0)	100.0% (23)	0% (0)
AY.3*	KENNEBEC	3.8% (29)	6.7% (4)	7.0% (3)	2.6% (2)	1.4% (1)
AY.3*	KNOX	25.5% (61)	21.4% (3)	72.7% (16)	89.2% (33)	0% (0)
AY.3*	LINCOLN	3.5% (6)	0% (0)	30.0% (3)	50.0% (1)	0% (0)
AY.3*	OXFORD	4.5% (16)	16.7% (1)	0% (0)	0% (0)	78.6% (11)
AY.3*	PENOBSCOT	3.3% (44)	4.7% (6)	4.8% (3)	5.2% (3)	6.9% (5)
AY.3*	SAGADAHOC	1.1% (1)	0% (0)	0% (0)	50.0% (1)	0% (0)
AY.3*	SOMERSET/PISCATAQUIS	3.1% (22)	4.2% (4)	18.6% (13)	1.5% (1)	3.3% (2)
AY.3*	WALDO	3.4% (10)	5.0% (1)	0% (0)	0% (0)	4.8% (1)
AY.3*	WASHINGTON	1.3% (2)	14.3% (1)	0% (0)	0% (0)	0% (0)
AY.3*	YORK	6.3% (63)	4.6% (4)	3.9% (2)	23.1% (12)	10.0% (4)
AY.3*	Total (w/ county information)	4.4% (362)	6.6% (34)	8.7% (44)	16.8% (94)	6.1% (27)
AY.3*	Total	4.3% (538)	5.7% (65)	7.1% (93)	9.5% (110)	6.5% (44)
AY.25	ANDROSCOGGIN	2.0% (19)	28.6% (2)	2.9% (1)	9.3% (5)	10.3% (3)
AY.25	AROOSTOOK	5.6% (23)	16.7% (2)	8.8% (3)	18.9% (7)	0% (0)
AY.25	CUMBERLAND	6.4% (90)	25.0% (10)	8.1% (7)	22.5% (27)	10.0% (7)
AY.25	FRANKLIN	5.2% (8)	50.0% (2)	0% (0)	0% (0)	0% (0)
AY.25	HANCOCK	9.5% (22)	0% (0)	0% (0)	0% (0)	50.0% (2)
AY.25	KENNEBEC	5.9% (45)	23.3% (14)	7.0% (3)	3.9% (3)	20.3% (14)
AY.25	KNOX	7.9% (19)	28.6% (4)	9.1% (2)	0% (0)	2.9% (1)
AY.25	LINCOLN	11.1% (19)	9.5% (2)	10.0% (1)	0% (0)	50.0% (1)
AY.25	OXFORD	11.6% (41)	33.3% (2)	84.1% (37)	0% (0)	0% (0)
AY.25	PENOBSCOT	6.6% (88)	11.6% (15)	19.0% (12)	3.4% (2)	18.1% (13)
AY.25	SAGADAHOC	2.2% (2)	0% (0)	0% (0)	0% (0)	14.3% (1)
AY.25	SOMERSET/PISCATAQUIS	5.3% (38)	13.7% (13)	4.3% (3)	3.1% (2)	11.7% (7)
AY.25	WALDO	36.4% (106)	35.0% (7)	0% (0)	0% (0)	0% (0)
AY.25	WASHINGTON	5.9% (9)	57.1% (4)	8.0% (2)	0% (0)	0% (0)
AY.25	YORK	11.1% (111)	32.2% (28)	43.1% (22)	1.9% (1)	2.5% (1)
AY.25	Total (w/ county information)	7.7% (640)	20.4% (105)	18.5% (93)	8.4% (47)	11.3% (50)
AY.25	Total	9.1% (1126)	19.8% (227)	15.0% (195)	11.2% (129)	11.5% (78)
AY.26	ANDROSCOGGIN	0.3% (3)	14.3% (1)	0% (0)	0% (0)	0% (0)
AY.26	AROOSTOOK	2.2% (9)	0% (0)	0% (0)	0% (0)	0% (0)
AY.26	CUMBERLAND	0.4% (6)	0% (0)	2.3% (2)	0% (0)	0% (0)
AY.26	FRANKLIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
AY.26	HANCOCK	2.6% (6)	0% (0)	25.0% (1)	0% (0)	0% (0)
AY.26	KENNEBEC	2.0% (15)	8.3% (5)	0% (0)	0% (0)	0% (0)
AY.26	KNOX	2.9% (7)	14.3% (2)	9.1% (2)	0% (0)	0% (0)
AY.26	LINCOLN	2.9% (5)	0% (0)	10.0% (1)	0% (0)	0% (0)
AY.26	OXFORD	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
AY.26	PENOBSCOT	1.3% (17)	1.6% (2)	0% (0)	0% (0)	0% (0)
AY.26	SAGADAHOC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
AY.26	SOMERSET/PISCATAQUIS	5.4% (39)	11.6% (11)	0% (0)	0% (0)	0% (0)
AY.26	WALDO	1.0% (3)	5.0% (1)	0% (0)	0% (0)	0% (0)
AY.26	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
AY.26	YORK	2.0% (20)	3.4% (3)	0% (0)	0% (0)	0% (0)
AY.26	Total (w/ county information)	1.6% (130)	4.9% (25)	1.2% (6)	0% (0)	0% (0)
AY.26	Total	1.7% (207)	4.6% (53)	2.0% (26)	0.1% (1)	0% (0)

Supplemental Table 1 continued:

Variant	County	Cumulative % (total count)	Sept 2021	Oct 2021	Nov 2021	Dec 2021
AY.39*	ANDROSCOGGIN	0.3% (3)	0% (0)	0% (0)	0% (0)	3.4% (1)
AY.39*	AROOSTOOK	0.2% (1)	0% (0)	0% (0)	2.7% (1)	0% (0)
AY.39*	CUMBERLAND	0.7% (10)	2.5% (1)	1.2% (1)	0% (0)	2.9% (2)
AY.39*	FRANKLIN	0.6% (1)	0% (0)	0% (0)	0% (0)	0% (0)
AY.39*	HANCOCK	0.4% (1)	0% (0)	25.0% (1)	0% (0)	0% (0)
AY.39*	KENNEBEC	0.5% (4)	1.7% (1)	0% (0)	0% (0)	2.9% (2)
AY.39*	KNOX	0.8% (2)	0% (0)	0% (0)	0% (0)	0% (0)
AY.39*	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
AY.39*	OXFORD	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
AY.39*	PENOBSCOT	0.9% (12)	0.8% (1)	0% (0)	1.7% (1)	4.2% (3)
AY.39*	SAGADAHOC	1.1% (1)	0% (0)	14.3% (1)	0% (0)	0% (0)
AY.39*	SOMERSET/PISCATAQUIS	1.8% (13)	5.3% (5)	0% (0)	0% (0)	6.7% (4)
AY.39*	WALDO	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
AY.39*	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
AY.39*	YORK	1.5% (15)	0% (0)	2.0% (1)	1.9% (1)	5.0% (2)
AY.39*	Total (w/ county information)	0.8% (63)	1.6% (8)	0.8% (4)	0.5% (3)	3.2% (14)
AY.39*	Total	1.0% (130)	1.0% (12)	1.8% (23)	1.5% (17)	3.4% (23)
AY.44	ANDROSCOGGIN	1.9% (18)	14.3% (1)	2.9% (1)	3.7% (2)	31.0% (9)
AY.44	AROOSTOOK	6.1% (25)	0% (0)	35.3% (12)	18.9% (7)	0% (0)
AY.44	CUMBERLAND	3.8% (54)	22.5% (9)	12.8% (11)	2.5% (3)	10.0% (7)
AY.44	FRANKLIN	2.6% (4)	0% (0)	75.0% (3)	0% (0)	0% (0)
AY.44	HANCOCK	2.2% (5)	0% (0)	0% (0)	0% (0)	0% (0)
AY.44	KENNEBEC	8.2% (63)	21.7% (13)	20.9% (9)	19.5% (15)	8.7% (6)
AY.44	KNOX	9.2% (22)	14.3% (2)	4.5% (1)	2.7% (1)	2.9% (1)
AY.44	LINCOLN	3.5% (6)	4.8% (1)	0% (0)	0% (0)	50.0% (1)
AY.44	OXFORD	1.7% (6)	0% (0)	0% (0)	0% (0)	0% (0)
AY.44	PENOBSCOT	9.0% (120)	1.6% (2)	22.2% (14)	58.6% (34)	51.4% (37)
AY.44	SAGADAHOC	3.3% (3)	0% (0)	14.3% (1)	0% (0)	0% (0)
AY.44	SOMERSET/PISCATAQUIS	12.1% (87)	28.4% (27)	35.7% (25)	13.8% (9)	10.0% (6)
AY.44	WALDO	3.1% (9)	0% (0)	0% (0)	0% (0)	9.5% (2)
AY.44	WASHINGTON	15.0% (23)	0% (0)	76.0% (19)	27.3% (3)	0% (0)
AY.44	YORK	4.3% (43)	12.6% (11)	3.9% (2)	1.9% (1)	0% (0)
AY.44	Total (w/ county information)	5.9% (488)	12.8% (66)	19.4% (98)	13.4% (75)	15.6% (69)
AY.44	Total	6.6% (825)	10.5% (120)	15.7% (205)	12.2% (141)	16.1% (109)
AY.47	ANDROSCOGGIN	0.1% (1)	0% (0)	2.9% (1)	0% (0)	0% (0)
AY.47	AROOSTOOK	0.7% (3)	0% (0)	2.9% (1)	0% (0)	0% (0)
AY.47	CUMBERLAND	0.9% (12)	2.5% (1)	1.2% (1)	5.0% (6)	2.9% (2)
AY.47	FRANKLIN	1.9% (3)	0% (0)	0% (0)	0% (0)	0% (0)
AY.47	HANCOCK	3.0% (7)	30.8% (4)	0% (0)	0% (0)	0% (0)
AY.47	KENNEBEC	0.4% (3)	0% (0)	2.3% (1)	0% (0)	2.9% (2)
AY.47	KNOX	0.8% (2)	7.1% (1)	0% (0)	0% (0)	0% (0)
AY.47	LINCOLN	1.8% (3)	0% (0)	0% (0)	0% (0)	0% (0)
AY.47	OXFORD	0.9% (3)	0% (0)	0% (0)	0% (0)	0% (0)
AY.47	PENOBSCOT	1.4% (19)	3.1% (4)	4.8% (3)	0% (0)	1.4% (1)
AY.47	SAGADAHOC	1.1% (1)	0% (0)	0% (0)	50.0% (1)	0% (0)
AY.47	SOMERSET/PISCATAQUIS	2.6% (19)	10.5% (10)	5.7% (4)	0% (0)	0% (0)
AY.47	WALDO	2.1% (6)	5.0% (1)	33.3% (2)	0% (0)	4.8% (1)
AY.47	WASHINGTON	4.6% (7)	28.6% (2)	4.0% (1)	9.1% (1)	100.0% (1)
AY.47	YORK	1.6% (16)	6.9% (6)	2.0% (1)	0% (0)	0% (0)
AY.47	Total (w/ county information)	1.3% (105)	5.6% (29)	3.0% (15)	1.4% (8)	1.6% (7)
AY.47	Total	1.7% (206)	5.1% (59)	3.6% (47)	1.5% (17)	1.2% (8)

Supplemental Table 1 continued:

Variant	County	Cumulative % (total count)	Sept 2021	Oct 2021	Nov 2021	Dec 2021
AY.103	ANDROSCOGGIN	7.3% (71)	28.6% (2)	82.9% (29)	51.9% (28)	37.9% (11)
AY.103	AROOSTOOK	15.9% (65)	41.7% (5)	11.8% (4)	21.6% (8)	11.1% (2)
AY.103	CUMBERLAND	8.1% (114)	17.5% (7)	32.6% (28)	35.8% (43)	34.3% (24)
AY.103	FRANKLIN	5.8% (9)	25.0% (1)	0% (0)	71.4% (5)	0% (0)
AY.103	HANCOCK	11.3% (26)	61.5% (8)	25.0% (1)	0% (0)	25.0% (1)
AY.103	KENNEBEC	18.4% (141)	33.3% (20)	41.9% (18)	64.9% (50)	55.1% (38)
AY.103	KNOX	14.6% (35)	7.1% (1)	4.5% (1)	5.4% (2)	88.2% (30)
AY.103	LINCOLN	7.0% (12)	14.3% (3)	30.0% (3)	50.0% (1)	0% (0)
AY.103	OXFORD	5.1% (18)	16.7% (1)	13.6% (6)	87.5% (7)	14.3% (2)
AY.103	PENOBSCOT	20.8% (278)	51.2% (66)	38.1% (24)	24.1% (14)	13.9% (10)
AY.103	SAGadahoc	7.8% (7)	0% (0)	42.9% (3)	0% (0)	57.1% (4)
AY.103	SOMERSET/PISCATAQUIS	18.7% (134)	20.0% (19)	25.7% (18)	66.2% (43)	55.0% (33)
AY.103	WALDO	11.7% (34)	45.0% (9)	50.0% (3)	80.0% (4)	61.9% (13)
AY.103	WASHINGTON	17.6% (27)	0% (0)	12.0% (3)	27.3% (3)	0% (0)
AY.103	YORK	5.4% (54)	14.9% (13)	13.7% (7)	25.0% (13)	32.5% (13)
AY.103	Total (w/ county information)	12.4% (1025)	30.1% (155)	29.4% (148)	39.6% (221)	41.0% (181)
AY.103	Total	15.9% (1981)	31.1% (357)	31.1% (405)	43.7% (504)	36.1% (245)
AY.*	ANDROSCOGGIN	2.4% (23)	0% (0)	5.7% (2)	13.0% (7)	6.9% (2)
AY.*	AROOSTOOK	8.3% (34)	16.7% (2)	32.4% (11)	21.6% (8)	50.0% (9)
AY.*	CUMBERLAND	9.0% (127)	7.5% (3)	27.9% (24)	23.3% (28)	31.4% (22)
AY.*	FRANKLIN	9.1% (14)	25.0% (1)	25.0% (1)	28.6% (2)	0% (0)
AY.*	HANCOCK	6.9% (16)	7.7% (1)	0% (0)	0% (0)	0% (0)
AY.*	KENNEBEC	2.5% (19)	3.3% (2)	11.6% (5)	2.6% (2)	1.4% (1)
AY.*	KNOX	4.6% (11)	7.1% (1)	0% (0)	2.7% (1)	5.9% (2)
AY.*	LINCOLN	13.5% (23)	47.6% (10)	10.0% (1)	0% (0)	0% (0)
AY.*	OXFORD	3.4% (12)	16.7% (1)	2.3% (1)	0% (0)	0% (0)
AY.*	PENOBSCOT	4.9% (65)	17.1% (22)	11.1% (7)	6.9% (4)	1.4% (1)
AY.*	SAGadahoc	5.6% (5)	0% (0)	14.3% (1)	0% (0)	0% (0)
AY.*	SOMERSET/PISCATAQUIS	4.7% (34)	5.3% (5)	7.1% (5)	10.8% (7)	10.0% (6)
AY.*	WALDO	7.2% (21)	5.0% (1)	16.7% (1)	0% (0)	14.3% (3)
AY.*	WASHINGTON	3.9% (6)	0% (0)	0% (0)	36.4% (4)	0% (0)
AY.*	YORK	11.0% (110)	25.3% (22)	27.5% (14)	38.5% (20)	37.5% (15)
AY.*	Total (w/ county information)	6.3% (520)	13.8% (71)	14.5% (73)	14.9% (83)	13.8% (61)
AY.*	Total	8.7% (1086)	18.6% (213)	17.0% (222)	14.6% (168)	14.7% (100)
P.2	ANDROSCOGGIN	0.4% (4)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	AROOSTOOK	1.2% (5)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	CUMBERLAND	0.4% (5)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	FRANKLIN	0.6% (1)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	HANCOCK	8.2% (19)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	KENNEBEC	0.3% (2)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	LINCOLN	2.3% (4)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	OXFORD	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	PENOBSCOT	1.3% (17)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	SAGadahoc	2.2% (2)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	SOMERSET/PISCATAQUIS	3.8% (27)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	WALDO	1.0% (3)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	YORK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	Total (w/ county information)	1.1% (89)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	Total	0.9% (112)	0% (0)	0% (0)	0% (0)	0% (0)

Supplemental Table 1 continued:

Variant	County	Cumulative % (total count)	Sept 2021	Oct 2021	Nov 2021	Dec 2021
B.1.621*	ANDROSCOGGIN	1.2% (12)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	AROOSTOOK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	CUMBERLAND	1.2% (17)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	FRANKLIN	1.3% (2)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	HANCOCK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	KENNEBEC	0.1% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	OXFORD	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	PENOBSCOT	0.2% (3)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	SAGADAHOC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	SOMERSET/PISCATAQUIS	0.8% (6)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	WALDO	1.0% (3)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	YORK	3.8% (38)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	Total (w/ county information)	1.0% (82)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	Total	0.8% (104)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	ANDROSCOGGIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	AROOSTOOK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	CUMBERLAND	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	FRANKLIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	HANCOCK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	KENNEBEC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	OXFORD	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	PENOBSCOT	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	SAGADAHOC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	SOMERSET/PISCATAQUIS	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	WALDO	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	WASHINGTON	0.7% (1)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	YORK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	Total (w/ county information)	0.0% (1)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	Total	0.0% (3)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	ANDROSCOGGIN	0.1% (1)	0% (0)	0% (0)	0% (0)	3.4% (1)
BA.1	AROOSTOOK	1.2% (5)	0% (0)	0% (0)	0% (0)	27.8% (5)
BA.1	CUMBERLAND	0.1% (1)	0% (0)	0% (0)	0% (0)	1.4% (1)
BA.1	FRANKLIN	0.6% (1)	0% (0)	0% (0)	0% (0)	100.0% (1)
BA.1	HANCOCK	0.4% (1)	0% (0)	0% (0)	0% (0)	25.0% (1)
BA.1	KENNEBEC	0.5% (4)	0% (0)	0% (0)	0% (0)	5.8% (4)
BA.1	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	OXFORD	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	PENOBSCOT	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	SAGADAHOC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	SOMERSET/PISCATAQUIS	0.1% (1)	0% (0)	0% (0)	0% (0)	1.7% (1)
BA.1	WALDO	0.3% (1)	0% (0)	0% (0)	0% (0)	4.8% (1)
BA.1	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	YORK	0.4% (4)	0% (0)	0% (0)	0% (0)	10.0% (4)
BA.1	Total (w/ county information)	0.2% (19)	0% (0)	0% (0)	0% (0)	4.3% (19)
BA.1	Total	0.4% (47)	0% (0)	0% (0)	0% (0)	6.9% (47)

Supplemental Table 1 continued:

Variant	County	Cumulative % (total count)	Sept 2021	Oct 2021	Nov 2021	Dec 2021
	ANDROSCOGGIN	54.3% (525)	100.0% (7)	100.0% (35)	100.0% (54)	100.0% (29)
	AROOSTOOK	66.0% (270)	100.0% (12)	100.0% (34)	100.0% (37)	100.0% (18)
	CUMBERLAND	61.2% (860)	100.0% (40)	100.0% (86)	100.0% (120)	100.0% (70)
	FRANKLIN	56.5% (87)	100.0% (4)	100.0% (4)	100.0% (7)	100.0% (1)
	HANCOCK	75.3% (174)	100.0% (13)	100.0% (4)	100.0% (23)	100.0% (4)
	KENNEBEC	67.3% (517)	100.0% (60)	97.7% (42)	98.7% (76)	100.0% (69)
	KNOX	86.6% (207)	100.0% (14)	100.0% (22)	100.0% (37)	100.0% (34)
	LINCOLN	88.3% (151)	100.0% (21)	90.0% (9)	100.0% (2)	100.0% (2)
	OXFORD	57.7% (203)	100.0% (6)	100.0% (44)	100.0% (8)	100.0% (14)
	PENOBSCOT	73.1% (975)	100.0% (129)	100.0% (63)	100.0% (58)	100.0% (72)
	SAGADAHOC	73.3% (66)	0% (0)	100.0% (7)	100.0% (2)	100.0% (7)
	SOMERSET/PISCATAQUIS	82.8% (594)	100.0% (95)	100.0% (70)	100.0% (65)	100.0% (60)
	WALDO	86.3% (251)	100.0% (20)	100.0% (6)	100.0% (5)	100.0% (21)
	WASHINGTON	69.3% (106)	100.0% (7)	100.0% (25)	100.0% (11)	100.0% (1)
	YORK	70.9% (706)	100.0% (87)	100.0% (51)	100.0% (52)	100.0% (40)
Total VOI/VOC Sequenced	Total (w/ county information)	68.8% (5692)	100.0% (515)	99.6% (502)	99.8% (557)	100.0% (442)
Total VOI/VOC Sequenced	Total	74.2% (9228)	99.3% (1140)	98.2% (1280)	99.3% (1145)	99.9% (678)
	ANDROSCOGGIN	967	7	35	54	29
	AROOSTOOK	409	12	34	37	18
	CUMBERLAND	1406	40	86	120	70
	FRANKLIN	154	4	4	7	1
	HANCOCK	231	13	4	23	4
	KENNEBEC	768	60	43	77	69
	KNOX	239	14	22	37	34
	LINCOLN	171	21	10	2	2
	OXFORD	352	6	44	8	14
	PENOBSCOT	1334	129	63	58	72
	SAGADAHOC	90	0	7	2	7
	SOMERSET/PISCATAQUIS	717	95	70	65	60
	WALDO	291	20	6	5	21
	WASHINGTON	153	7	25	11	1
	YORK	996	87	51	52	40
Total Cases Sequenced	Total (w/ county information)	8278	515	504	558	442
Total Cases Sequenced	Total	12431	1148	1303	1153	679