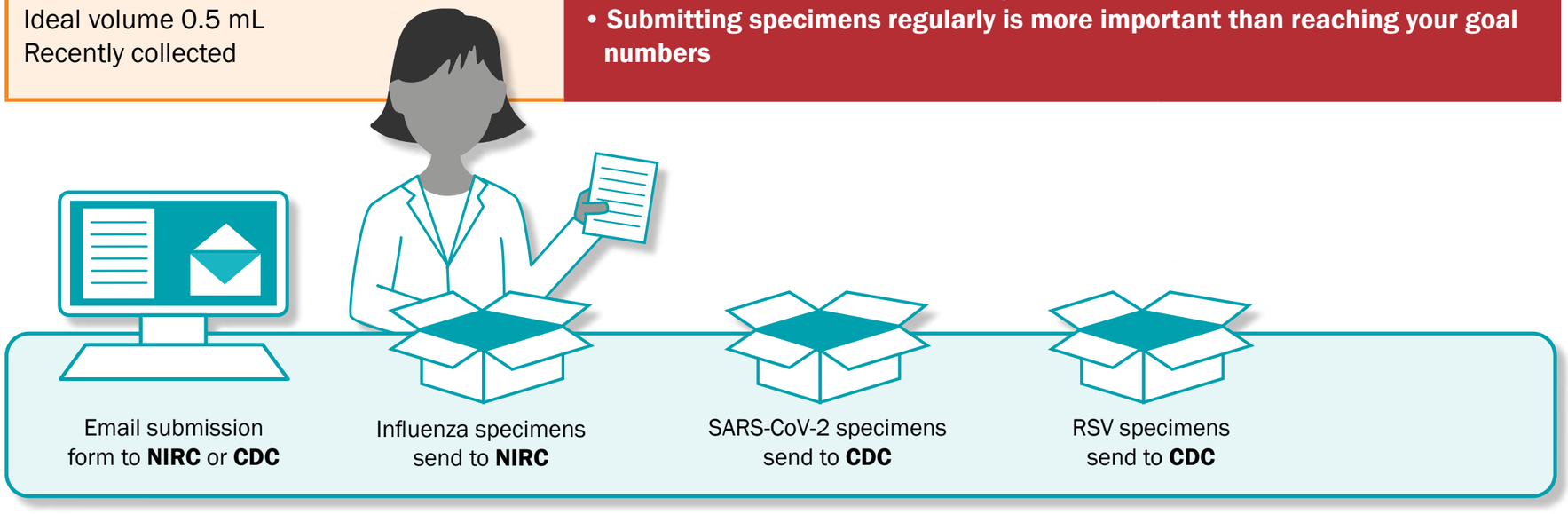
RESPIRATORY SPECIMEN SURVEILLANCE SUBMISSIONS AT-A-GLANCE

For complete guidelines, visit
aphl.org/respiratory-guidance

WHAT specimens?	WHERE do they go?	WHEN should we ship?	WHY is surveillance important?
Influenza (Routine) 4 A(H3N2) 4 A(H1N1)pdm09 4 B	National Influenza Reference Centers **(NIRC)**	Every other week	Virus isolation for phenotypic characterization and candidate vaccine strain propagation
SARS-CoV-2 (Routine) 5-35 depending on jurisdiction goal	Centers for Disease Control and Prevention **(CDC)**	Every other week	Viral monitoring and isolation for phenotypic characterization
Respiratory Syncytial Virus (RSV) (Optional) 10 specimens representative of your seasonal activity with a mix of RSV A/B subgroups (if known)	Centers for Disease Control and Prevention **(CDC)**	4 times per season (Quarterly)	Specimens will be further characterized and serve as a pilot to determine future RSV surveillance needs

SPECIMEN CRITERIA
Ct value <= 28
Ideal volume 0.5 mL
Recently collected

SPECIMEN SUBMISSION TIPS:
- **Set a calendar reminder for every other week!**
- **Submitting specimens regularly is more important than reaching your goal numbers**



National Influenza Reference Centers

California Department of Public Health Laboratory
(Contact: CDPHVirusIsolationProject@cdph.ca.gov)

New York State Department of Health: Wadsworth Center
(Contact: fluNYS@health.ny.gov)

Wisconsin State Laboratory of Hygiene
(Contact: virus@slh.wisc.edu)

National SARS-CoV-2 Strain Surveillance

CDC Coronavirus and Other Respiratory Viruses Division, Laboratory Branch
(Contact: sarsseqshipping@cdc.gov)

Respiratory Syncytial Virus Surveillance

CDC Coronavirus and Other Respiratory Viruses Division, Laboratory Branch
(Contact: RespVirus@cdc.gov)

Influenza Antiviral Resistance Surveillance

To identify drug resistance in influenza A and B viruses conferred by mutations in the neuraminidase. Laboratories may submit specimens to the reference center (New York State Department of Health, NYSDOH).

- **Up to 5 influenza specimens every other week.**

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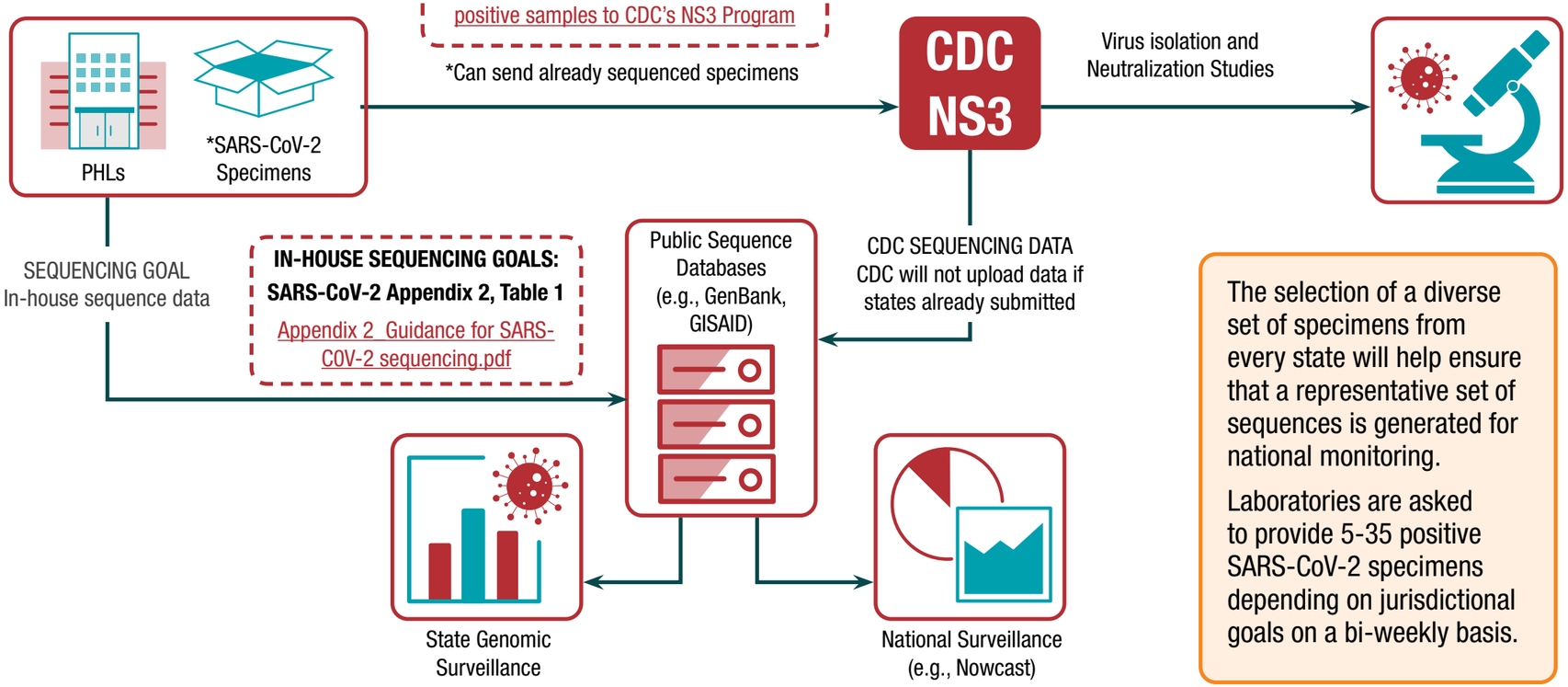
CDC NATIONAL SARS-CoV-2 STRAIN SURVEILLANCE (NS3) SYSTEM

PRIMARY OBJECTIVES:

Virus Characterization	Virus monitoring
Viruses isolated from specimens received from public health laboratories are evaluated in CDC laboratories to understand their potential impact on current vaccines, treatments, and diagnostics, and their overall risk to public health.	CDC aims to monitor the spread of viral lineages across time and within populations. Data will contribute to vaccine virus recommendations.

NS3 SPECIMEN SUBMISSION GOALS:
SARS-CoV-2 Appendix 1, Table 1
Guidance for submitting SARS-CoV-2 positive samples to CDC's NS3 Program

*Can send already sequenced specimens



The selection of a diverse set of specimens from every state will help ensure that a representative set of sequences is generated for national monitoring.

Laboratories are asked to provide 5-35 positive SARS-CoV-2 specimens depending on jurisdictional goals on a bi-weekly basis.

SEND YOUR SPECIMENS TO CDC!

IMPORTANT!

Even if you have already sequenced the specimen, routing viable specimens to CDC allows the NS3 program to generate isolates and phenotypic characterization data.

Ship bi-weekly even if target goals are not met. Prioritize shipping frequency and recent collection dates.

Jurisdictional Goals:
www.aphl.org/NS3

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