City of Stamford: COVID19 Update

December 15, 2020

State of the City: COVID19 Agenda

- COVID-19 Case Data Update   Mayor David Martin

- COVID Alert CT Mobile App   Lora Rae Anderson, CT Office of COO

- Vaccine Update   Dr. Michael Parry

- Vaccine Distribution Update   Dr. Jennifer Calder

- Testing Sites and Information   Special Asst. Laura Burwick
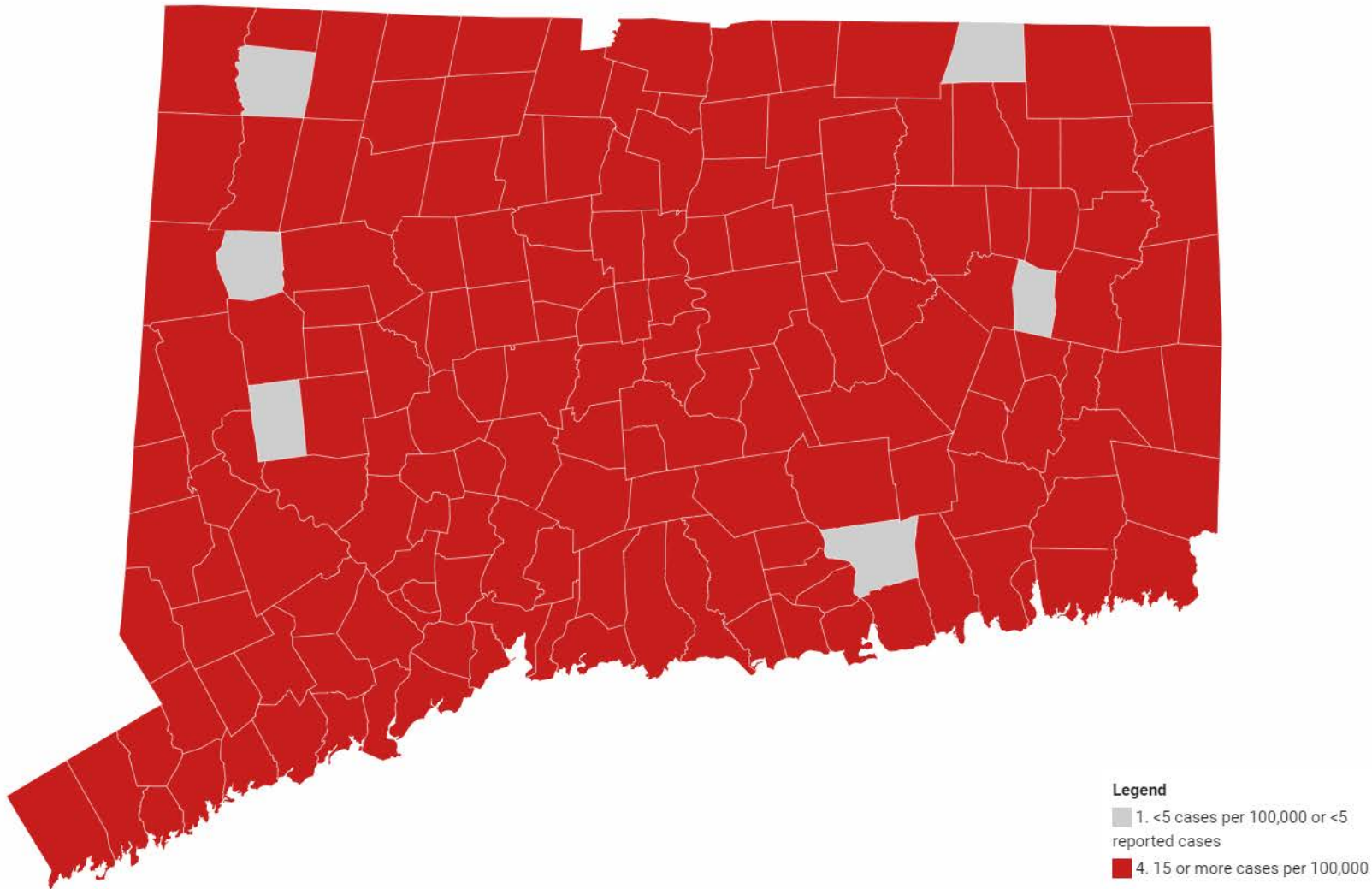
- Conclusion   Mayor David Martin

State of the State: COVID19
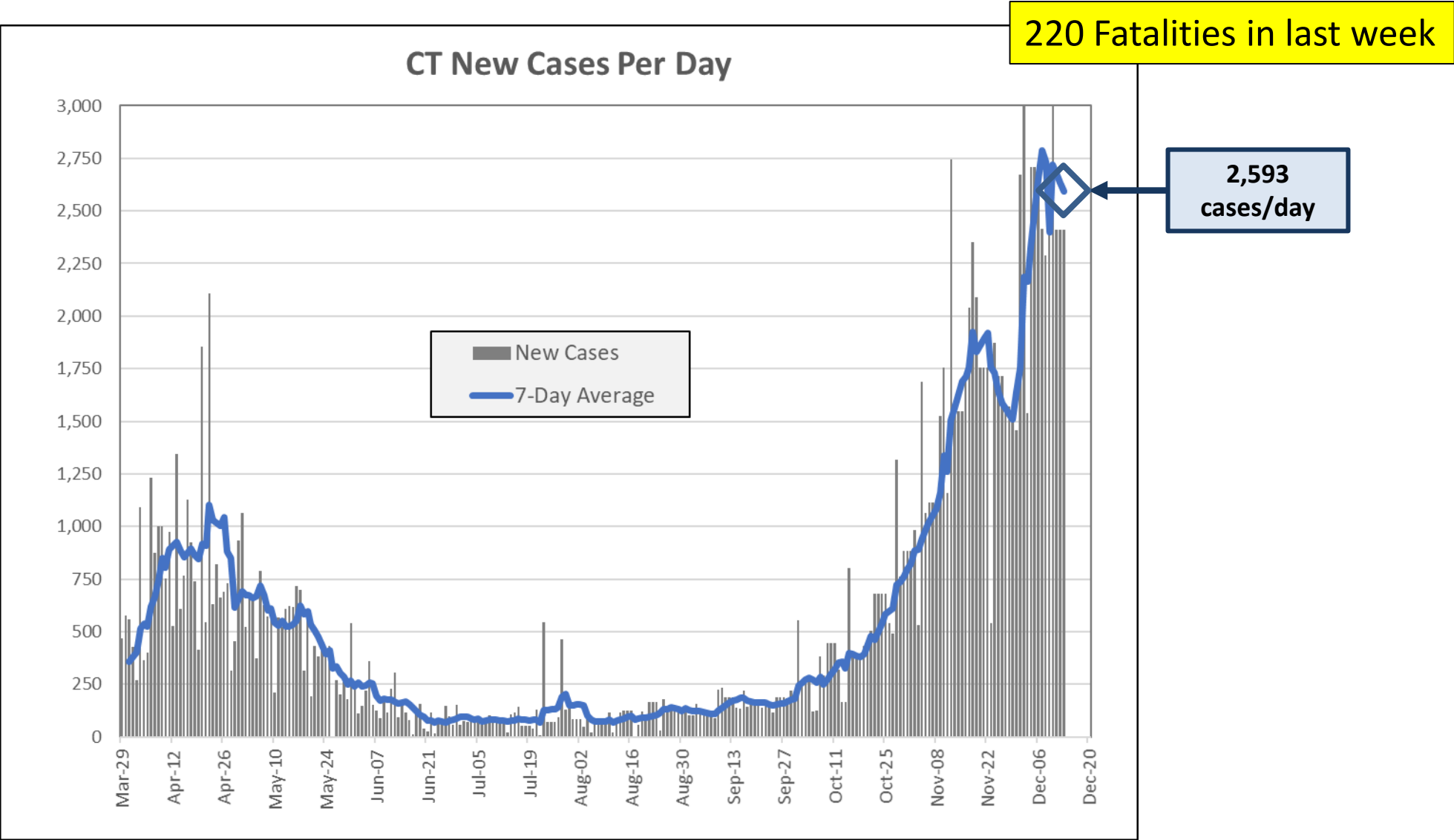

Average Daily Rate of COVID-19 Cases Among Persons Living in Community Settings per 100,000 Population By Town

Legend
1. <5 cases per 100,000 or <5 reported cases
4. 15 or more cases per 100,000

This map shows the average daily rate of new cases of COVID-19 by town during the past two weeks. Only cases among persons living in community settings are included in this map; the map does not include cases among people who reside in nursing home, assisted living, or correctional facilities.
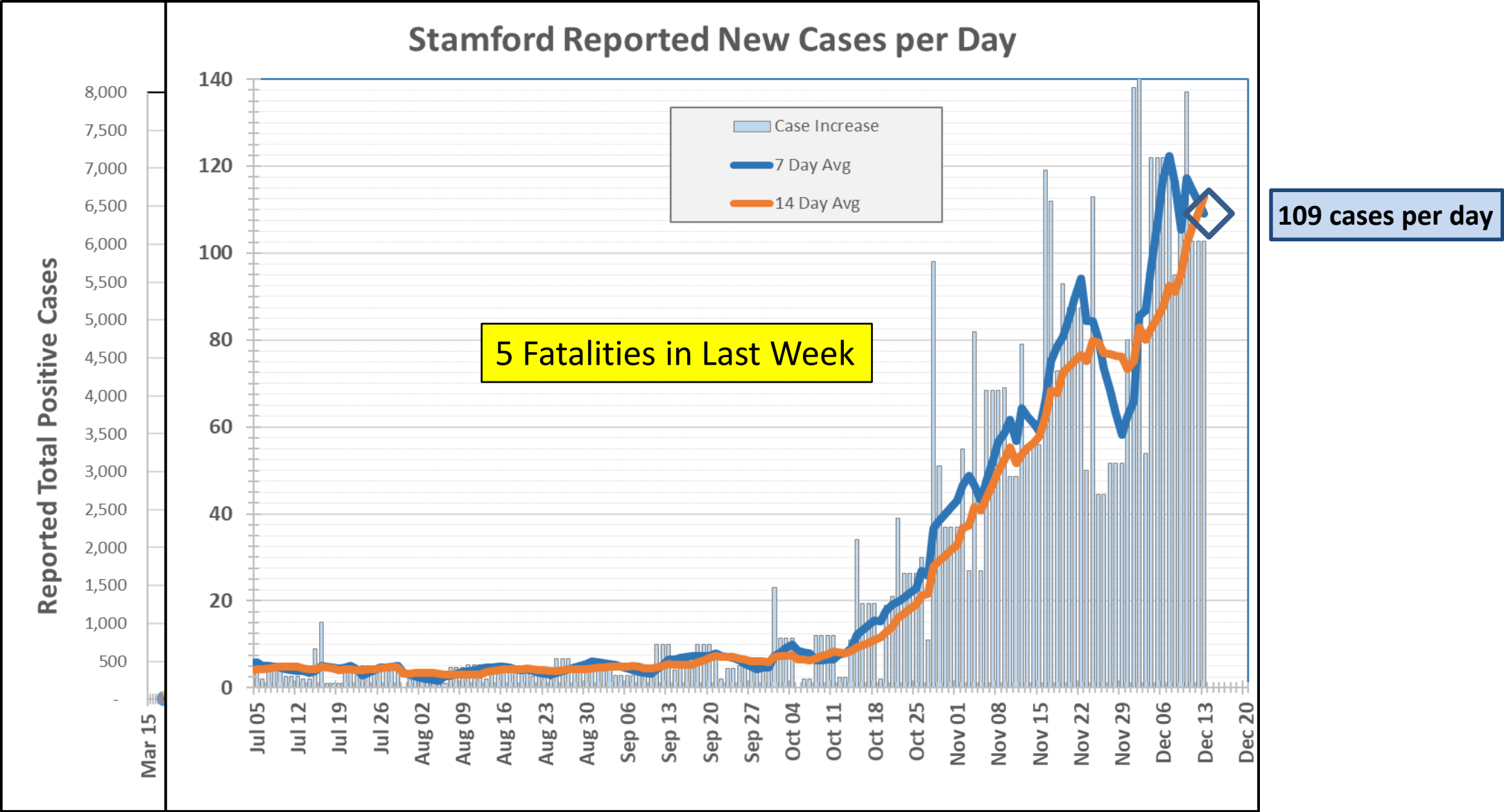
Map: Ver 12.1.2020 · Source: CT Department of Public Health · Get the data · Created with Datawrapper

State of the State: COVID19

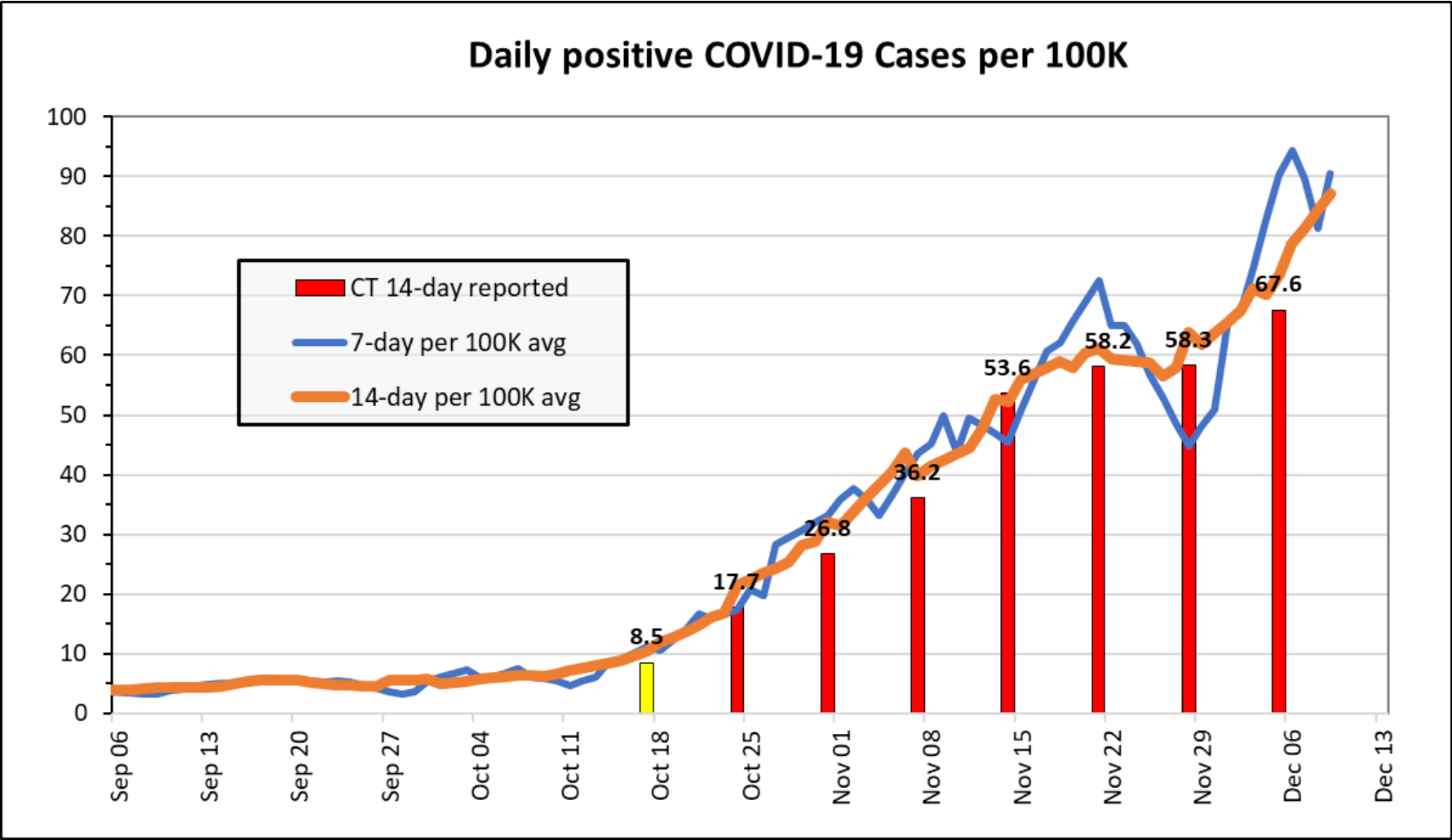CT New Cases Per Day

Legend: New Cases, 7-Day Average

220 Fatalities in last week

2,593 cases/day

3

State of the City: COVID19
Case Trends

Stamford Reported New Cases per Day

Legend:
- Case Increase
- 7 Day Avg
- 14 Day Avg

5 Fatalities in Last Week

109 cases per day

Daily positive COVID-19 Cases per 100K

Source: CT.GOV, downloaded 12/14

State of the City: COVID19 Neighborhood Case Levels
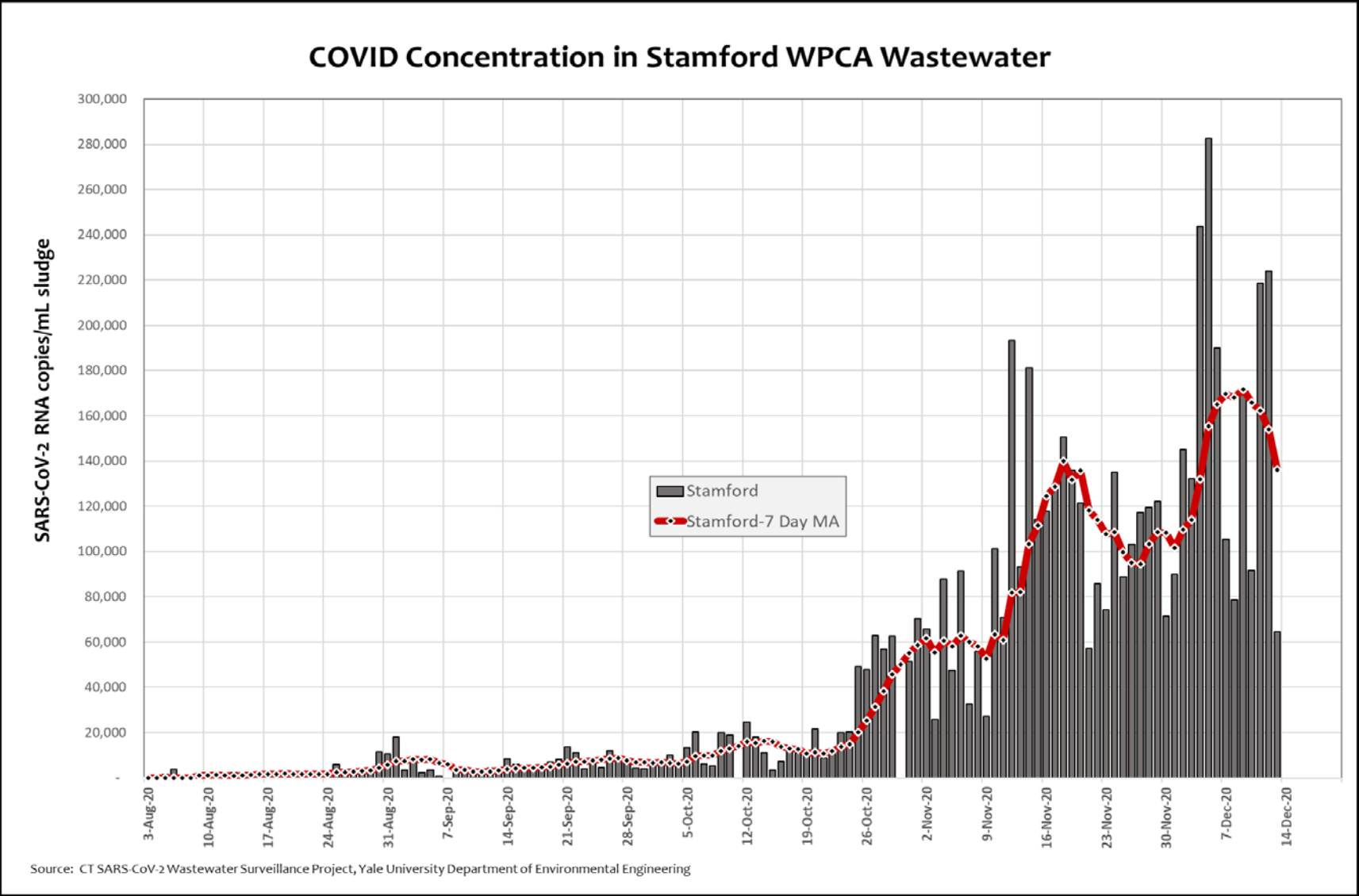
Every Stamford Neighborhood is "Red" with Coronavirus

Excludes Nursing Homes/Senior Care Facilities

Stamford Residents COVID-19 cases per 100K per day within Neighborhoods (Nov 1 to Nov 30)

Neighborhood	Daily Positive Cases per 100,000 population
Waterside	64.1
Cove	63.8
West Side	59.1
East Side	58.3
Glenbrook - Belltown	52.1
Turn of River - Newfield	48.1
South End	45.3
Downtown	43.0
Ridgeway - Bulls Head	41.4
Shippan	39.5
Springdale	39.4
Westover	28.4
North Stamford	22.9

* These results exclude designated Nursing Homes and Senior Assisted Living locations. Data as of 11/30/20.

COVID Concentration in Stamford WPCA Wastewater

Source: CT SARS-CoV-2 Wastewater Surveillance Project, Yale University Department of Environmental Engineering

State of the City: COVID19 Hospitalization Rate

Fairfield County COVID-19 Hospitalizations

Source: CT.GOV, downloaded 12/14

Stamford Influenza and COVID-19 -- 2020

Legend:
- influenza cases
- COVID-19 cases

Y-axis: number of daily cases (0, 25, 50, 75, 100, 125, 150)

X-axis: Dec 1, 17, Jan 2, 18, Feb 3, 19, Mar 6, 22, Apr 7, 23, May 9, 25, Jun 10, 26, Jul 12, 28, Aug 13, 29, Sep 14, 30, Oct 16, Nov 1, 17, Dec 3

Source: Stamford Hospital
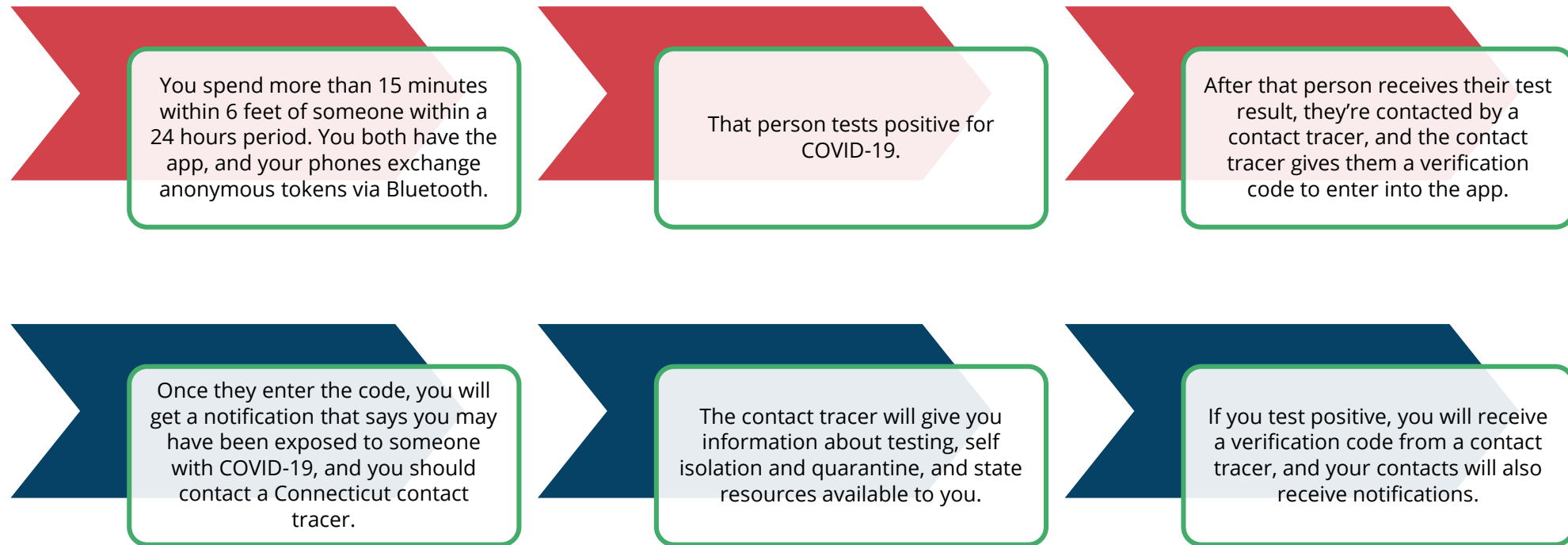
9

COVID Alert CT: What it does

- Find out if you've been near someone who tested positive
- Anonymously report if you test positive
- Your information will be protected, and your location will never be tracked

FIGHT COVID WITH YOUR PHONE

Basic information

- How the State is doing.
- iPhone v. Android.
- Languages.
- Privacy and your information.
- Other states.
- Where to find information: **ct.gov/covidalertct**

The Process

You spend more than 15 minutes within 6 feet of someone within a 24 hours period. You both have the app, and your phones exchange anonymous tokens via Bluetooth.

That person tests positive for COVID-19.

After that person receives their test result, they're contacted by a contact tracer, and the contact tracer gives them a verification code to enter into the app.

Once they enter the code, you will get a notification that says you may have been exposed to someone with COVID-19, and you should contact a Connecticut contact tracer.

The contact tracer will give you information about testing, self isolation and quarantine, and state resources available to you.

If you test positive, you will receive a verification code from a contact tracer, and your contacts will also receive notifications.

The app works most effectively when more people have it on their phones.

Vaccine Update

How do SARS CoV-2 mRNA vaccines work?
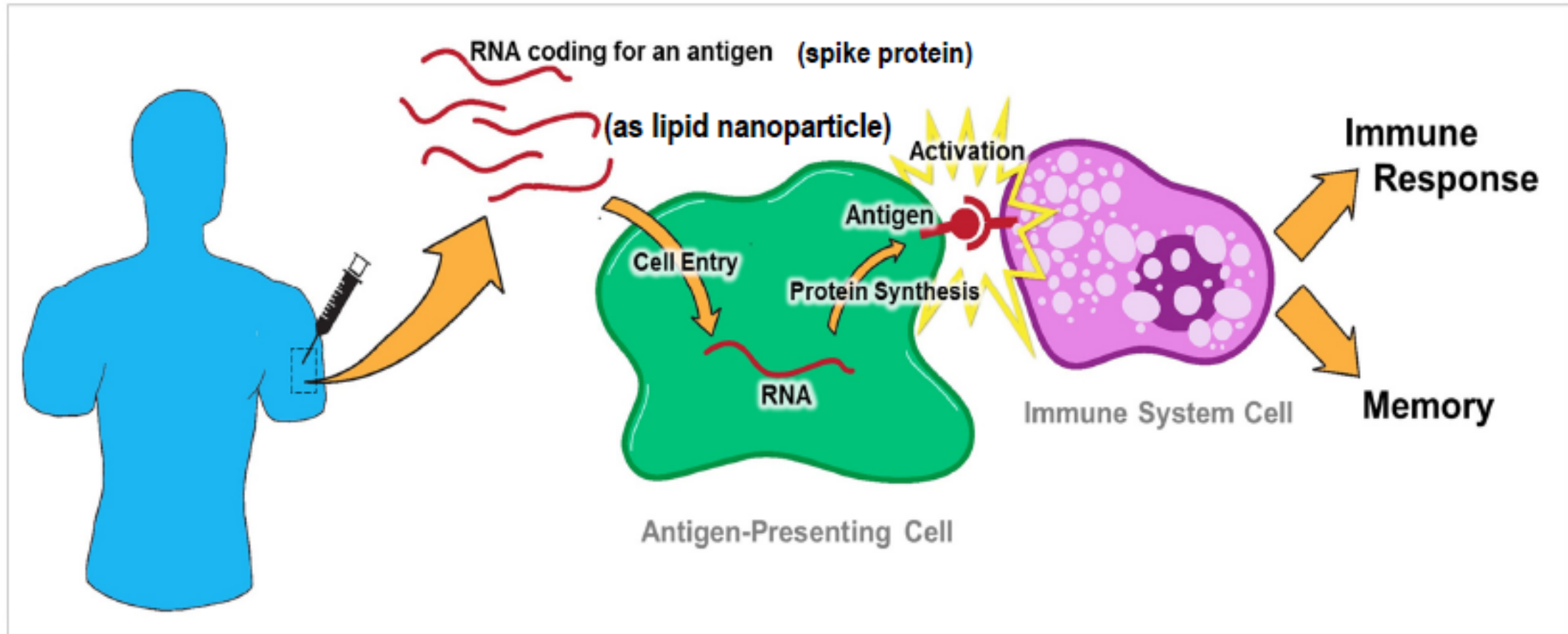
Pfizer vaccine – phase 3 trial results   *NEJM 12/10/20*
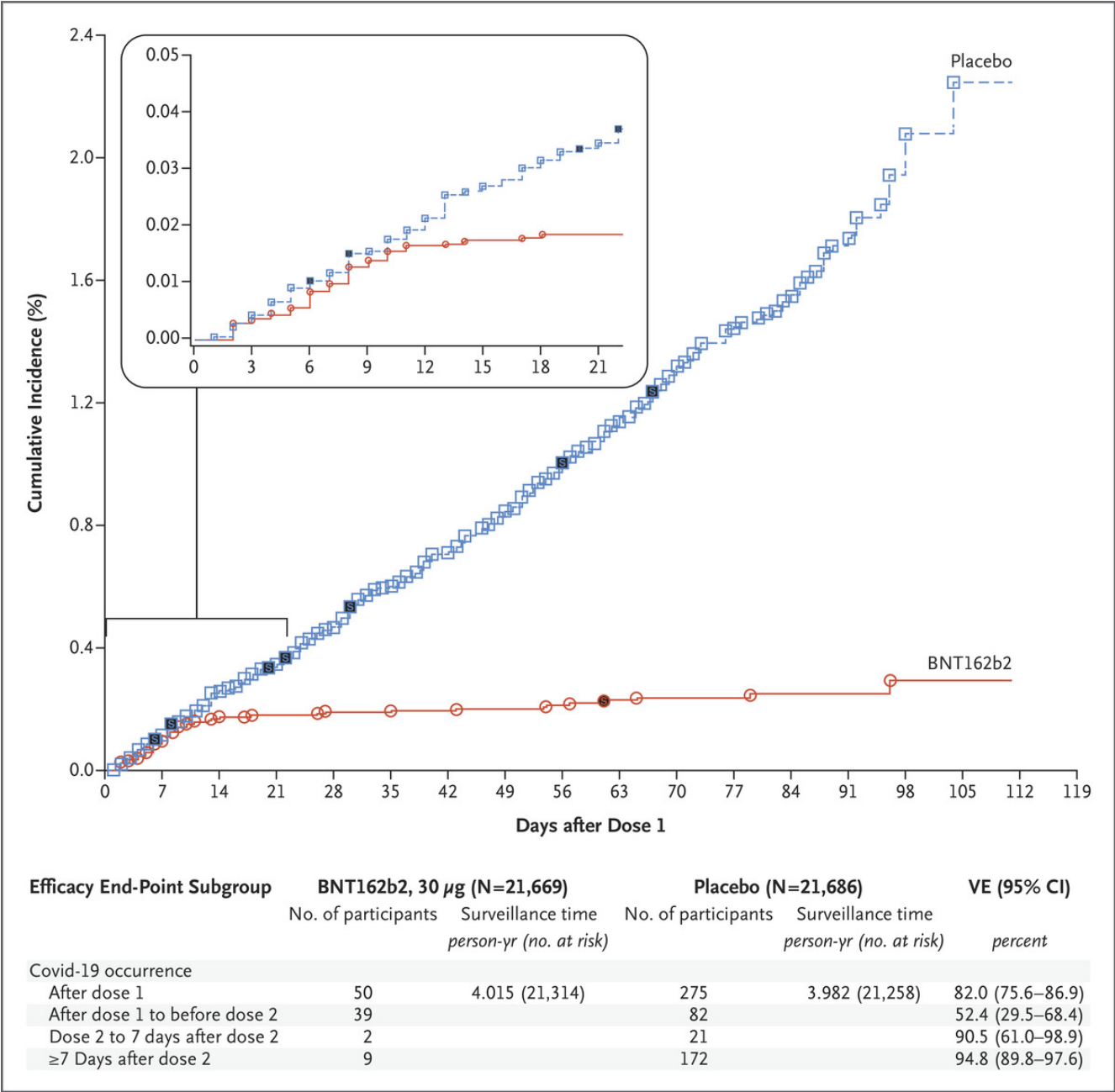
Trial began on 7/27/20 and enrolled 43,548 adults

- 37% were "racially and ethnically diverse" backgrounds
- 49% were female
- 42% of patients older than 55 year of age
- 35% had BMI over 30 and 21% had at least one other coexisting condition

Primary analysis -- 95% efficacy against COVID-19

- **162 COVID-19 cases in the placebo group versus 8 in the vaccine group**
- **Efficacy in adults over 65 years of age was 94%**
- **Efficacy was consistent across age, gender, race and ethnicity**
- **9 cases of severe COVID-19 were observed in the placebo group and 1 in the vaccine group**

Vaccine was well tolerated across all populations

Efficacy of the Vaccine

Efficacy End-Point Subgroup	BNT162b2, 30 μg (N=21,669)		Placebo (N=21,686)		VE (95% CI)
	No. of participants	Surveillance time *person-yr (no. at risk)*	No. of participants	Surveillance time *person-yr (no. at risk)*	*percent*
Covid-19 occurrence					
After dose 1	50	4.015 (21,314)	275	3.982 (21,258)	82.0 (75.6–86.9)
After dose 1 to before dose 2	39		82		52.4 (29.5–68.4)
Dose 2 to 7 days after dose 2	2		21		90.5 (61.0–98.9)
≥7 Days after dose 2	9		172		94.8 (89.8–97.6)

Safety data

- No evident serious safety signals in the trials
- High prevalence of mild flu-like symptoms
  - High frequency of arm pain, fatigue, headache and myalgias
  - Grade 3 adverse reactions: fatigue in 3.8% and headache in 2.0%.
- New suggestion of possible anaphylaxis in those with severe allergy history to prior injectable medication or vaccine
  - Lipid nanoparticle reaction?
- Importance of staggering the schedules of staff within departments
- Prospective safety assessment planned:
  - VAERS online system
  - V-SAFE, new CDC smartphone AP for patients after-vaccination health check and reporting
  - Vaccine Safety Datalink (VSD) - collaboration between CDC and several HCOs to conduct ongoing safety monitoring in large populations
  - Phase 4 randomized trials problematic

Still Unknown …

- How long will the vaccine immunity last?
- Will there be a need for annual revaccination like the flu vaccine?
- Still insufficient data on:
  - The effect of the vaccine in **pregnant women**
  - The effect of the vaccine in **breastfeeding women**
  - **Pediatric use**

  - The Pfizer vaccine interaction with other COVID-19 vaccines
  - Ability to administer the vaccine simultaneously with other routine vaccines
  - Use of the Pfizer vaccine in persons who received monoclonal antibodies or convalescent plasma.

State of the City: COVID19
Stamford Department of Health

- **COVID-19 Vaccine Status:**
  - Pfizer received **E**mergency **U**se **A**uthorization (**EUA**) approval
    - Pfizer vaccine is now shipping in Connecticut
  - Moderna expected to receive EUA approval this week
  - NONE ARE LIVE VIRUS VACCINES
  - TWO (2) DOSES of the SAME VACCINE are needed THREE (3) WEEKS APART
  - Persons who were previously infected with COVID-19 or had COVID-19 disease may be vaccinated
  - Persons who are in the community who are on quarantine or currently infected should wait until the isolation or quarantine period is over to get vaccinated
  - Vaccines are FREE to everyone

Vaccine Distribution:

- **Phase 1A HAS STARTED** (Focus is persons a very high risk of exposure)
  - Critical Infrastructure workforce
    - Healthcare workers
    - First responders
    - COVID-19 vaccinators
  - Persons at increased risk of COVID-19 illness
    - Long term care

- **Who will be providing the vaccinations during Phase 1A?**
  - Hospitals
  - Long term care facilities
  - Pharmacies
  - Federally Qualified Health Centers

Source: ClipArt

20

State of the City: COVID19
Stamford Department of Health

- **Vaccine Distribution**
  - **Phase 1**-Limited supply of COVID-19 vaccine available
    - Phase 1A – Now
    - Phase 1B – Late January or February ???
      - Critical Workers & Teaching Staff
      - Adults over 65 and High Risk Individuals under 65
  - **Phase 2**-Large number of vaccine doses available
  - **Phase 3**-Sufficient supply of vaccine doses for entire population

21

State of the City: COVID19
Stamford Department of Health

- We will all need to continue our mitigation measures even if vaccinated
  - Wear a mask
  - Wash your hands frequently
  - Social distance
  - Get tested

New COVID-19 Tests per 100k per day
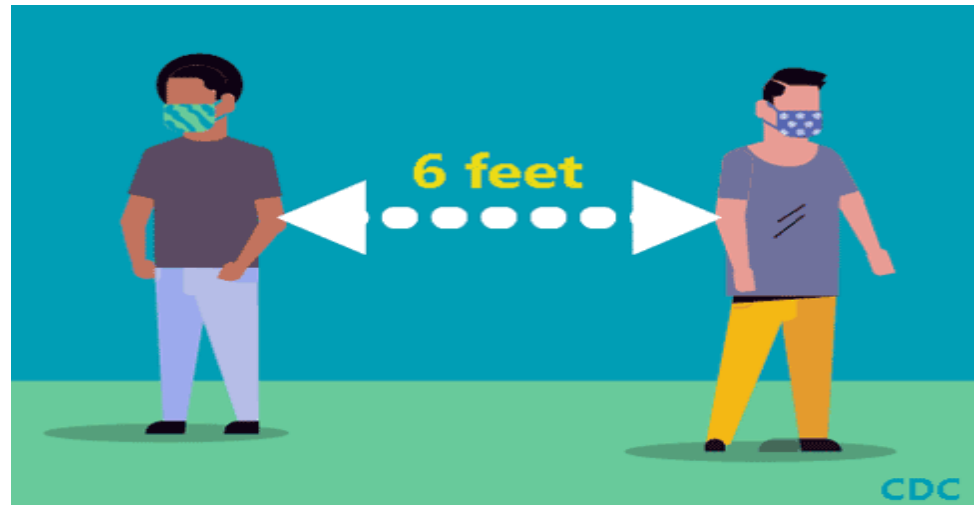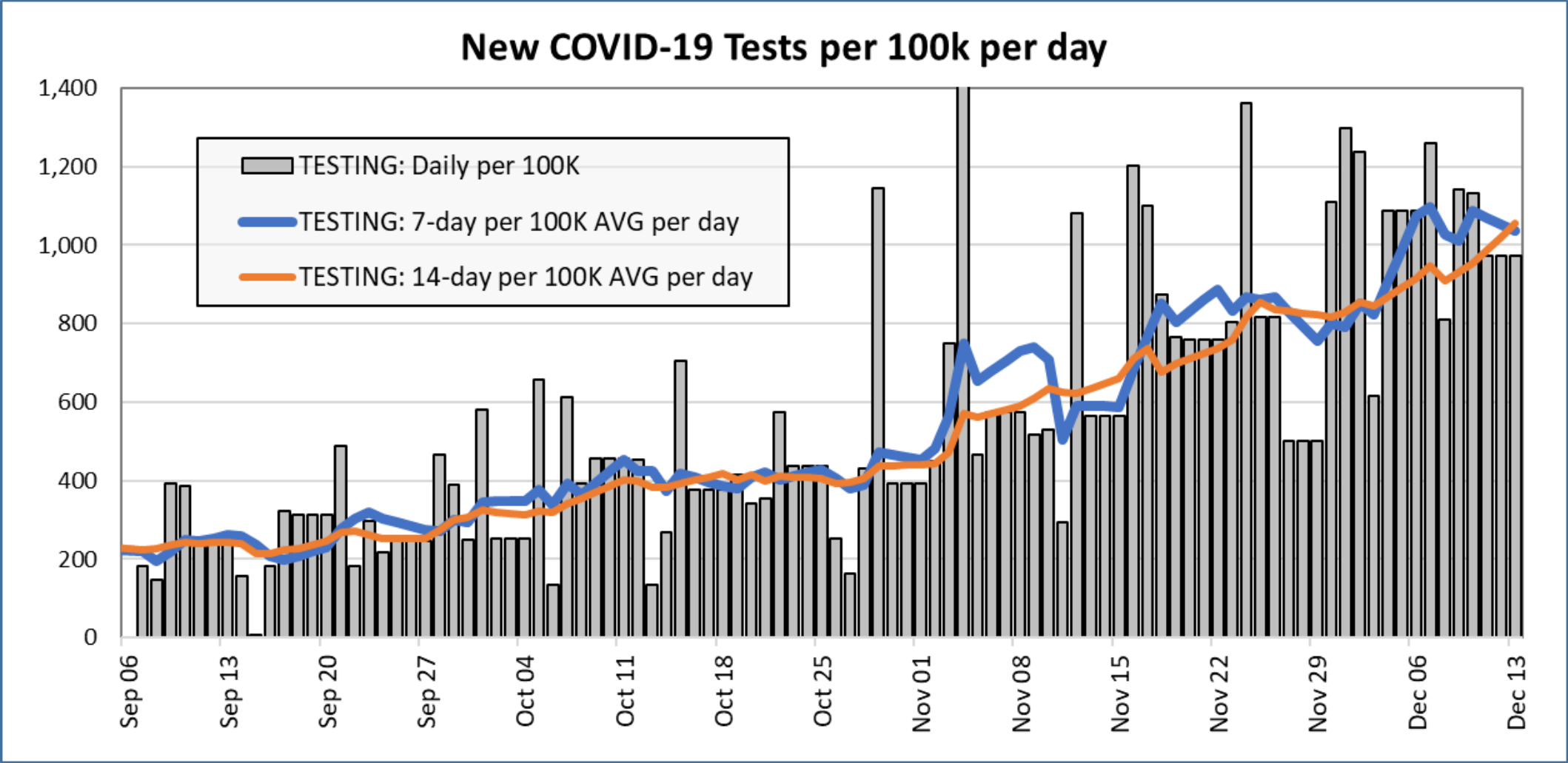
Source: CT.GOV, downloaded 12/14

COVID-19 Testing Update
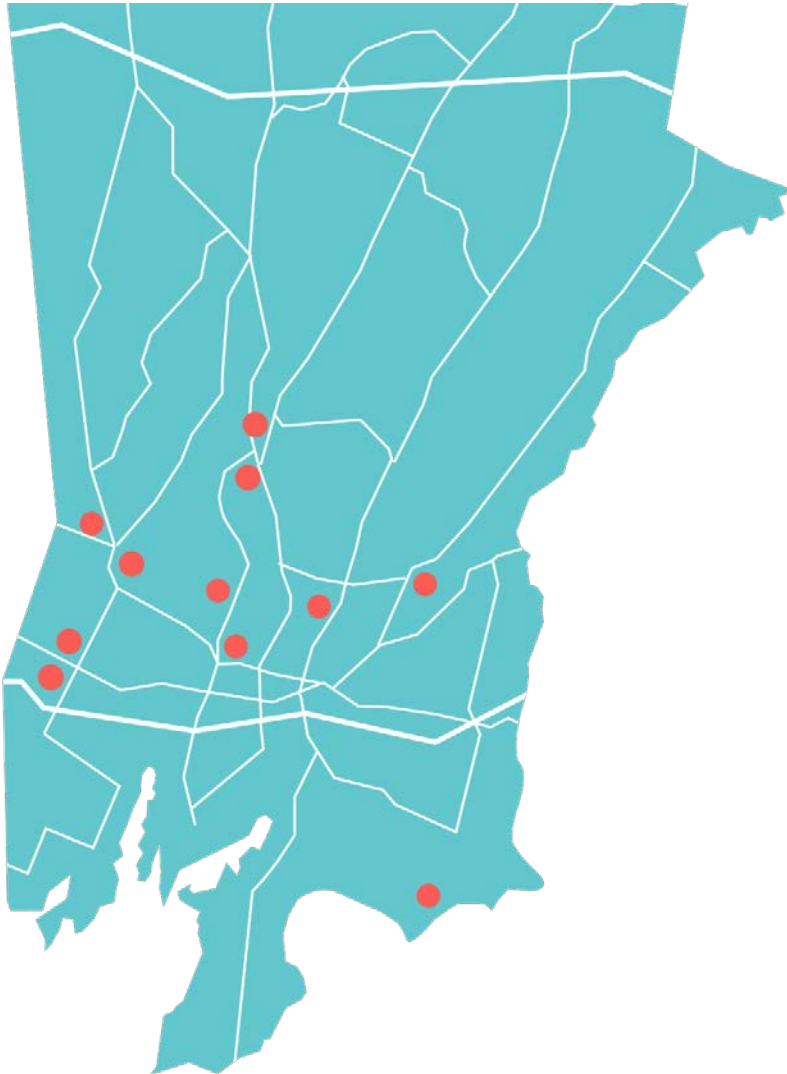
- **Free Testing Sites (No Insurance Necessary):**
  - Cove Island Park at Terry Conners Rink (daily, 8:30am-4pm)
  - Scalzi Park (daily, 8:30am-4pm)
  - UConn Stamford (M-F, 9am-4pm)
  - 60 Palmer's Hill Road (M-F, 10am-2pm)
  - Stamford High School Hillandale Parking Lot
    - Sunday, 10am-2pm
    - Tuesday, 4pm-7pm

- **Additional Testing Sites in Stamford:**
  - Testing is generally covered by insurance
  - Check with your carrier to confirm coverage

- **Check City of Stamford website for a list of test sites and regular updates**
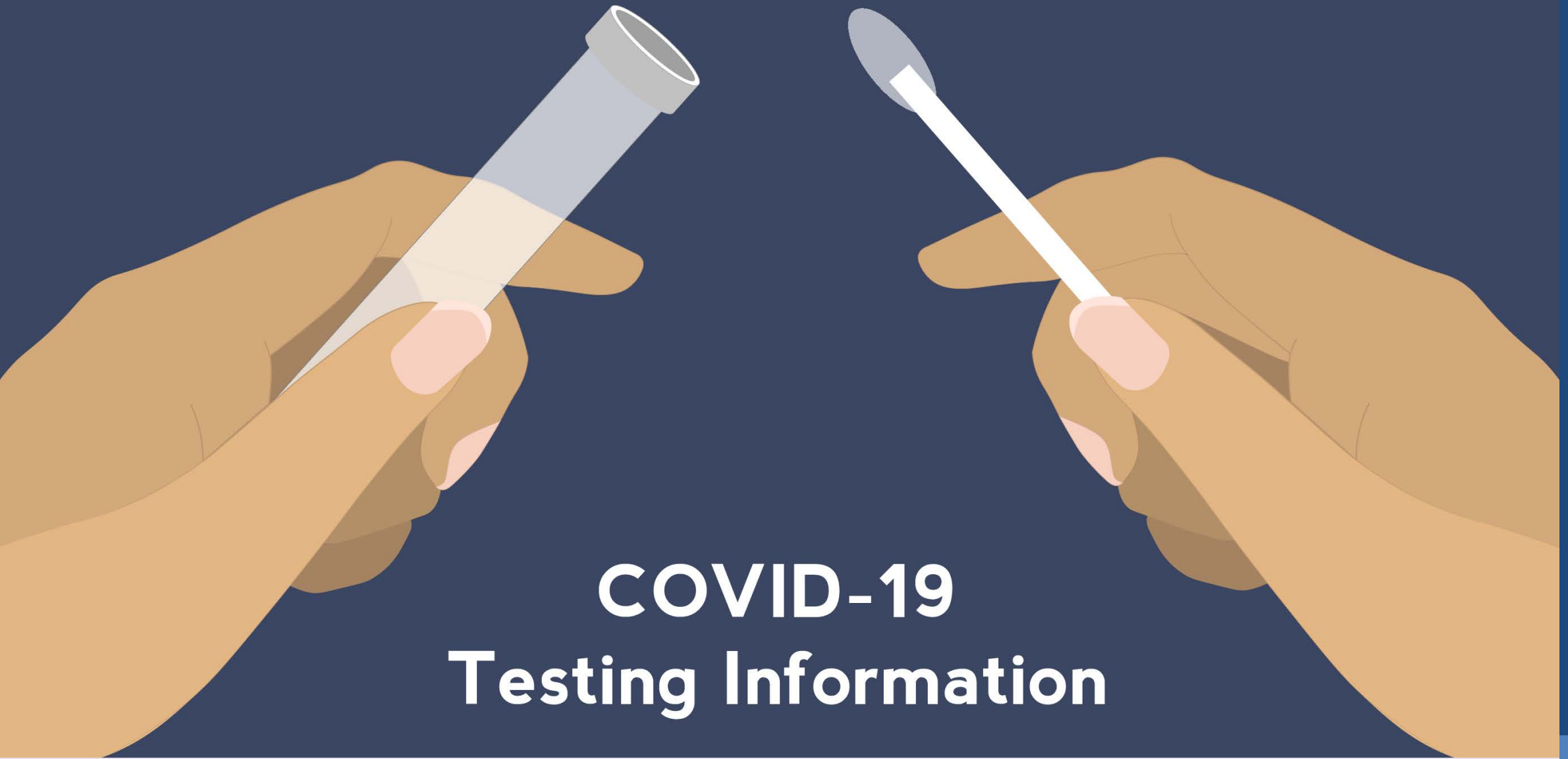
COVID-19
Testing Information

www.stamfordct.gov/covid-testing

25

State of the City: COVID19 Health Protocols

Wear Mask Over Nose & Mouth

Social Distancing

Frequent Handwashing

NO LARGE GATHERINGS/PARTIES

All information updated on our website