

**COVID-19
HEALTHCARE
PROVIDER
UPDATE**

SEPTEMBER 4, 2020

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*Our understanding of COVID-19 is evolving rapidly.
This presentation is based on our knowledge as of September 3, 2020, 5 PM.*

Outline



WHERE WE ARE NOW



RETURN TO SCHOOL
INFORMATION FOR MEDICAL
PROVIDERS



QUESTIONS AND DISCUSSION

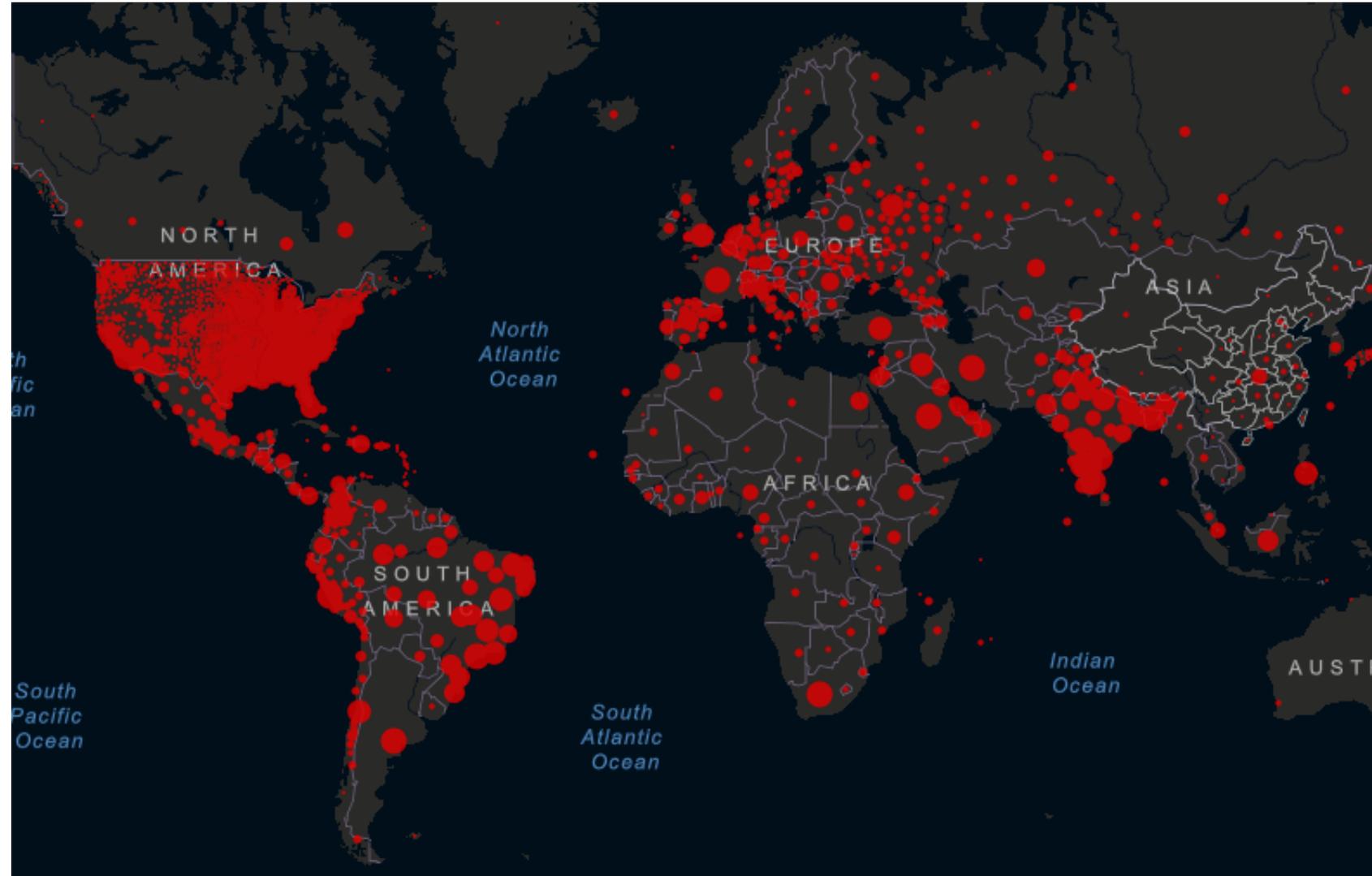
WHERE WE ARE NOW

- More than 26.5 million cases and 873,000 deaths due to COVID-19 confirmed worldwide
- Daily U.S. case counts decreasing in most states
- A [case report](#) confirmed COVID-19 reinfection in an immunocompetent patient from Hong Kong and a pre-print report showed a possible a case of re-infection in U.S.
- FDA issued emergency use authorization for investigational convalescent plasma in hospitalized patients on August 23, 2020

CUMULATIVE CASES WORLDWIDE

>26.5 million cases
>873,000 deaths

9/3/20



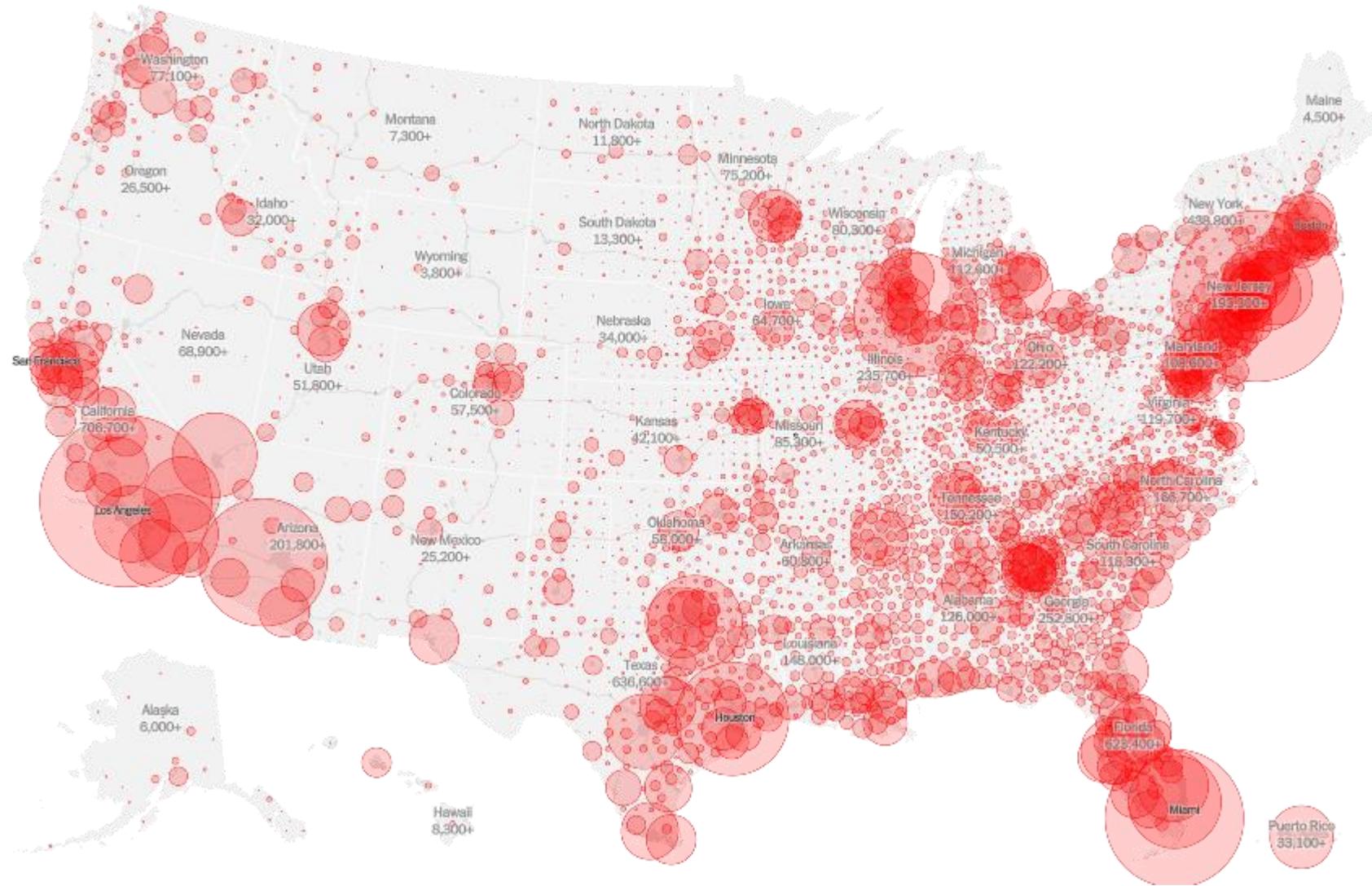
Cumulative confirmed cases, Johns Hopkins University

<https://www.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6>

CUMULATIVE CASES AND DEATHS, U.S. 9/3/20

> 6.3 million cases
(~24% of confirmed global cases)

> 191,000 deaths
(~22% of reported global deaths)



New York Times. Coronavirus in the U.S.: total cases.

<https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html>

MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN (MIS-C)

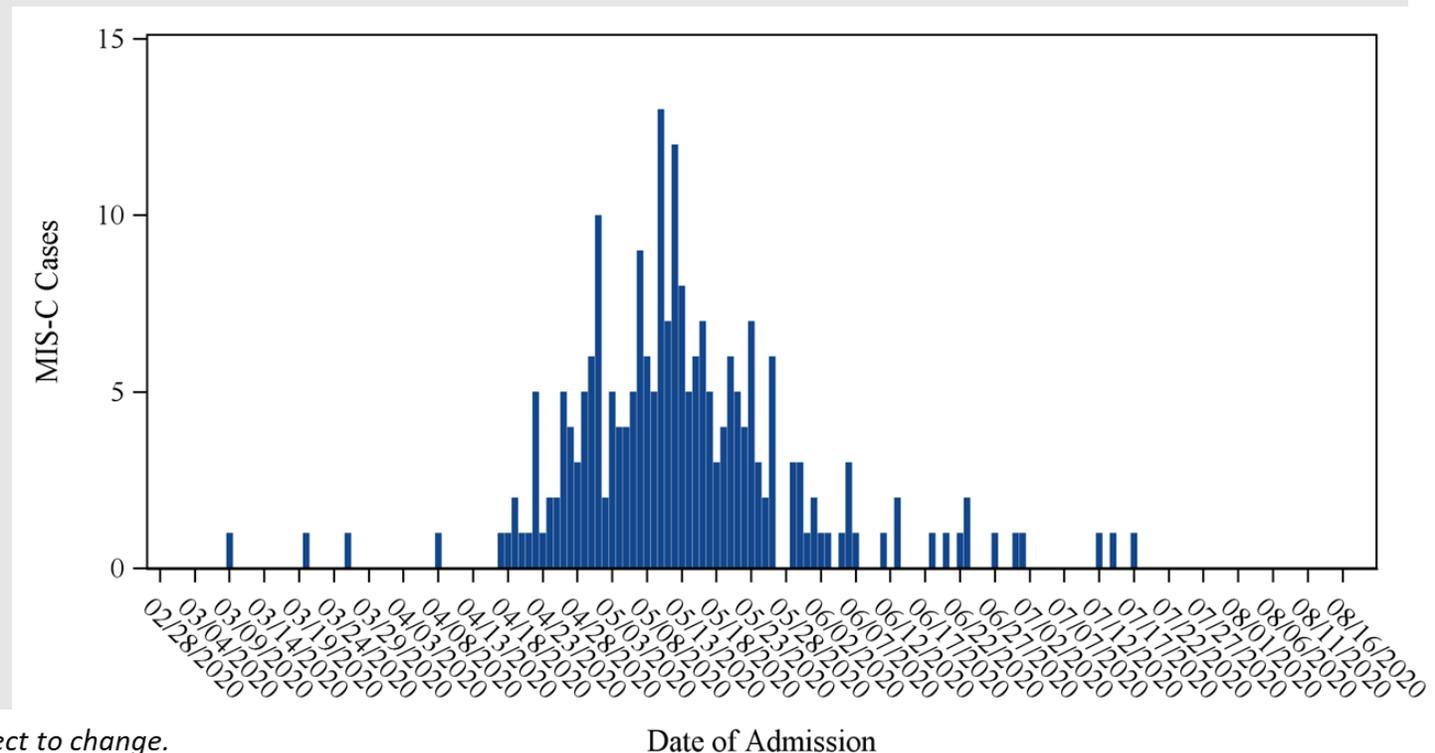
- Emerging syndrome initially described in April among children in Europe, appears to be related to previous SARS-CoV-2 infection.
- As of 9/3/20, 226 NYC patients meeting CDC MIS-C case definition (<21y, febrile, hospitalized, with ≥ 2 system involvement and elevated inflammatory markers) have been reported to DOHMH
- DOHMH guidance for evaluating for MIS-C in ambulatory settings (<https://www1.nyc.gov/assets/doh/downloads/pdf/imm/mis-c-ambulatory-ped-guidance.pdf>)
- Report all possible cases to the DOHMH by calling the Provider Access Line: **(866) 692-3641**

NYC Health Alert #16.5/18/2020.

<https://www1.nyc.gov/assets/doh/downloads/pdf/han/advisory/2020/covid-19-providers-mis-c.pdf>

CDC Health Alert.

5/14/2020. <https://emergency.cdc.gov/han/2020/han00432.asp>



SARS-COV-2 TRANSMISSION IN OVERNIGHT CAMPS

Two differing pictures seen in overnight summer camps

Georgia (high transmission state)

- 597 attendees over 11 days
- No universal face coverings
- No post-arrival testing
- Both indoor and outdoor activities
- Singing and cheering with no face coverings
- Identified 260 COVID-19 cases (44% attack rate)
 - Attack rates increased by length of stay at camp
 - Mostly asymptomatic transmission

Szablewski CM, Chang KT, Brown MM, et al. SARS-CoV-2 Transmission and Infection Among Attendees of an Overnight Camp — Georgia, June 2020. MMWR Morb Mortal Wkly Rep 2020;69:1023–1025. DOI:

<http://dx.doi.org/10.15585/mmwr.mm6931e1> .

SARS-COV-2 TRANSMISSION IN OVERNIGHT CAMPS

Maine (low transmission state)

- 1,022 attendees over 6-8 weeks
- Face covering required for all
- Pre- and post-arrival testing and isolation
- Limited indoor activities
- Daily symptom monitoring
- Staggered dining, bathroom use
- Identified 3 COVID-19 cases (0.3% attack rate)
 - No secondary transmission

Blaisdell LL, Cohn W, Pavell JR, Rubin DS, Vergales JE. Preventing and Mitigating SARS-CoV-2 Transmission — Four Overnight Camps, Maine, June–August 2020. MMWR Morb Mortal Wkly Rep 2020;69:1216–1220. DOI: <http://dx.doi.org/10.15585/mmwr.mm6935e1>

OUT OF STATE TRAVEL

- Advise patients of the need for quarantine if they have traveled or plan to travel out of state
- Travelers returning to NY must quarantine 14 days after leaving restricted states
 - Seven-day rolling average of positive COVID-19 diagnostic test rate > 10% OR > 10/100,000 residents
 - As of 9/3, 33 U.S. states and territories
 - <https://coronavirus.health.ny.gov/covid-19-travel-advisory>
- Quarantine details
 - Individual must not be in public
 - Self-quarantine from other family members
 - Travelers will receive phone reminders to quarantine
 - Does not apply to passing through a state for <24 hours during travel

EXEMPTIONS: ESSENTIAL WORKERS, FIRST RESPONDERS, HEALTH CARE PERSONNEL

- May work if certain conditions are met
- All advised to minimize contact with others, self-monitor for COVID-19 symptoms, wear face covering, observe hand and other hygiene practices.
- Long-term (traveling to NYS for >36 hours) also advised to
 - Seek diagnostic testing within 24 hours of arrival
 - Maintain physical distancing, self-monitoring, expanded hygiene practices \geq 14 days
 - Avoid extended periods in public or in congregate settings \geq 7 days
- Additional industry-specific guidance may apply (consult employer).

BLOOD AND PLASMA DONATION

- Ongoing shortage of blood supply due to decrease in blood drives
- Urgent need for red blood cell and convalescent plasma donors
- Help by organizing or promoting safe blood drives
- Donate at [New York Blood Center](#) donor sites

RETURN TO SCHOOL
INFORMATION FOR
MEDICAL PROVIDERS

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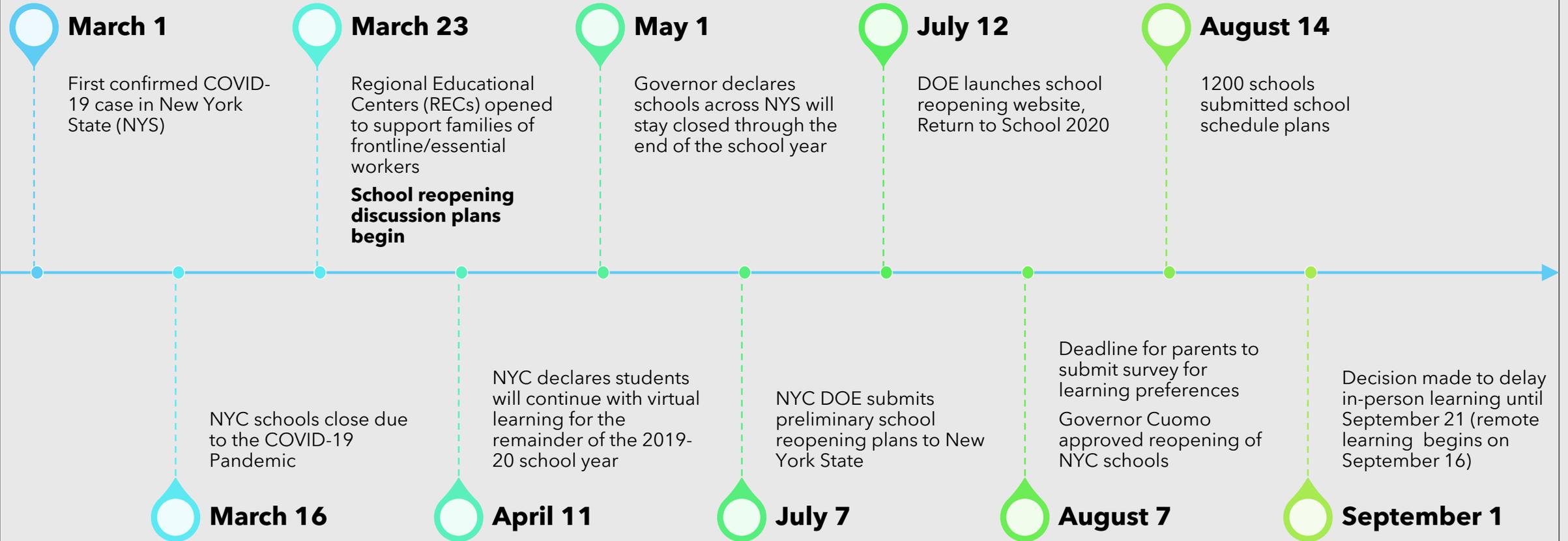
AGENDA

- School Reopening Plan
- Return to School Preparation for Providers
- Office of School Health (OSH) Clinical Services
- Clinical Evaluations in Schools
- Anticipatory Guidance for Parents



SCHOOL REOPENING PLAN

Timeline



NYC DOE Reopening Plan: Guiding Principles

- Physical and mental health of our students, teachers, staff, and families
- Greater equity among students with respect to the education they receive and the learning environment in which they receive it
- Academic achievement for students through high-quality instruction, tailored enrichment, and culturally responsive educational practices
- Social-emotional and trauma-informed support for all students
- Community and Continuity all year among students, teachers, and staff

Learning Preference Options

- In-person learning
- Virtual learning
- Blended learning: combination of in-person + virtual learning, with a specific schedule
- Information regarding student's learning status will be shared with Office of School Health (OSH) staff

Thresholds for School Opening and Closure



Thresholds for School Opening

In order for schools to reopen, NYC must meet the following:

- The percent of positive tests in NYC is less than **3%** using a 7-day rolling average. If we cross this threshold, we will not reopen.



Thresholds for School Closure

Schools will need to close if NYC meets the following:

- The percent of positive tests in NYC is equal to or greater than **3%** using a 7-day rolling average. If we cross this threshold, schools will close.

Health and Safety in School: Quarantine Criteria

- If there is one or more confirmed COVID-19 in a single classroom, all students in the classroom will convert to virtual learning for 14 days
- If there are two or more students with confirmed COVID-19 diagnosed within 7 days of one another with known links to each other or any person with COVID-19, the entire school building will convert to virtual learning for 14 days
- Students with confirmed positive testing cannot return for 10 days and must be fever-free without medications for 24 hours and have improving symptoms

Health and Safety in Schools: Monitoring

Students, family and school staff should monitor for signs of illness. School-based staff and students cannot report to school if they have:

- Experienced any symptoms of COVID-19 during the past 10 days
- Had a positive diagnostic test for COVID-19 during the past 10 days
- Were knowingly in close contact with anyone who has had a positive diagnostic test for COVID-19 during the past 14 days
- Traveled internationally or from a state with widespread community transmission of COVID-19 per the New York State Travel Advisory in the past 14 days

- <https://coronavirus.health.ny.gov/covid-19-travel-advisory>

Health and Safety in Schools: Monitoring

- Daily health screenings for students and school-based staff
 - Details still under discussion
- Students and staff strongly encouraged to have COVID-19 testing but they are not required to do so

Health and Safety in Schools: Monitoring

- Students exhibiting symptoms of COVID-19 will be evaluated by a school nurse in the isolation room
- Staff showing symptoms of COVID-19 at school will be asked to leave the building
- Schools should strongly encourage staff members to see a doctor and get tested for COVID-19

FOUR CORE ACTIONS FOR PREVENTING THE SPREAD OF COVID-19



Stay Home if Sick

Only leave for essential medical care and testing or other essential errands.



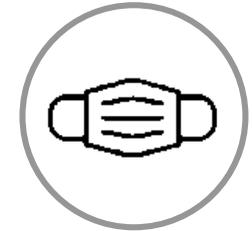
Keep Physical Distance

Stay at least 6 feet away from other people.



Keep Hands Clean

Wash your hands often with soap and water. Use hand sanitizer if soap and water are not available.



Wear a Face Covering

You can be contagious without symptoms. Protect those around you by wearing a face covering.



Health and Safety: Physical Distancing

- All individuals must stay at least 6 feet apart
 - At building entry
 - During movement through hallways and stairwells
 - Single file routes
 - One-way direction stairwells
 - In classrooms
 - In shared spaces (gyms, cafeterias, auditoriums, playgrounds)
 - In elevators and bathrooms
 - At dismissal
 - During transport

Health and Safety: Physical Distancing

- Staff will be placed in high-traffic areas to help ensure students are practicing physical distancing
- To reduce movement, teachers should travel from class to class, with students remaining in the same room throughout the day, to the extent possible
- Where possible, student should remain in cohorts
- Physical barriers will be constructed in main offices
- Visitors will be limited

Health and Safety: Face Coverings

- Use of face coverings while in NYC DOE buildings is mandatory, with the following exceptions:
 - Students who cannot tolerate a face covering for medical reasons or students for whom the use of such coverings would impair their physical or mental health
 - Age (< 2years old)
 - Modifications for certain students: hearing impairment or loss, students receiving language services
- Face coverings with vents/valves are not allowed at school
- NYC DOE will have face coverings available on site for all staff, students, and essential visitors

Health and Safety: Hand Hygiene

- Students and staff will need to thoroughly clean their hands:
 - As soon as they enter the school building
 - Between classes
 - Before and after physical education
 - Before and after meals/snacks
- Age-appropriate lessons have been developed to teach students about hand and respiratory hygiene
- Hand sanitizing dispensers will be installed throughout the facility
- Posters and signage will be placed throughout schools to reinforce the importance of these practices

Health and Safety: Cleaning and Disinfection

- The Division of School Facilities has a Cleaning Protocol that follows CDC and NYS DOH Guidance, including procedures to perform in the event of a confirmed case of COVID-19 in a school
 - Ensure schools have adequate cleaning and disinfection supplies
 - Ensure deep cleanings are completed on a nightly basis, including with the use of electrostatic sprayers
 - HVAC improvements to ensure proper ventilation
 - Implement improved cleaning of classrooms, bathrooms, and high-touch surfaces such as doorknobs and shared equipment like computers
 - Provide cleaning supplies for classroom teachers if requested
- OSH Medical Room staff will follow OSH protocols for cleaning and disinfection

Mental Health

DOE will create a plan for school return that maximizes consistency in relationships, schedules, and routines while creating space for reflection and healing.

Healing-Centered Schools:

- Create trauma-informed care resources, including a bridge to school program
 - Use the first 2-4 weeks of school as a “stabilization period,” focusing on structures, routines, and social-emotional activities to create emotional safety and stability
 - Allow students to build coping skills, process their recent experiences, and re-establish or maintain emotional constancy
- Strengthen school-wide implementation of proactive social emotional learning instruction and support
- Ensure all DOE schools are able to provide direct mental health services on-site.

Health and Safety: Other Programs

- Early Childhood Contracted Programs:
 - Before care and aftercare programs must train their staff in the relevant health and safety guidelines
- Extracurricular and afterschool program availability will depend on:
 - The level of risk of COVID-19 transmission
 - Modifications needed to mitigate transmission
 - The form in which the activity will be possible
 - Level of interest from students and families

Sports Programs

- Per New York State, all interscholastic sports programs are postponed
- Students diagnosed with COVID-19 should be evaluated and cleared for sports participation by a physician

A high-angle photograph of a classroom. The floor is made of light-colored wood planks. There are several black plastic chairs with attached wooden desks. The chairs are arranged in a grid-like pattern. The text "RETURN TO SCHOOL PREPARATION: PROVIDERS" is overlaid on the left side of the image in white, sans-serif font.

RETURN TO SCHOOL
PREPARATION:
PROVIDERS

Provider Checklist

- Complete annual well child care visits
- Follow up with students with chronic diseases
- Ensure that vaccinations are up to date
- Complete relevant school forms
- Provide guidance to students and families preparing for school

School Entry Requirements

Health screenings:

- Schedule catch-up visits for visits that were postponed during COVID-19 peak
- Complete relevant school forms
- [SH65: Medical Requirements for School and Childcare](#)
 - Annually updated guide outlining health screening and immunization requirements

School Entry Requirements

- Complete a [Child and Adolescent Health Examination Form \(CH205\)](#) for:
 - All New School Entrants
 - Children attending childcare (form must be completed annually)
 - Students who entered school prior to age 5 years must have an additional CH205 completed within 1 year of turning 5
- **Due to COVID-19 public health emergency, OSH will accept completed CH205 forms based on physical examinations and screenings performed within the previous 18 months.**
 - **OSH will not accept a CH205 that does not include the results of an in-person physical examination**
 - This modified requirement will remain in effect until December 31, 2020 and may be re-evaluated as the pandemic evolves

Chronic Disease Management

Follow up with patients with chronic diseases

- Review management regimen
- Ensure adequate supply of medications in the home
- Make appropriate specialty referrals and ensure follow up
- Assess family's need for additional support and resources, especially during COVID-19 emergency

Immunizations

- Follow CDC [Advisory Committee on Immunization Practices \(ACIP\) guidelines](#)
- Schedule catch up immunization visits as needed. See <https://www.cdc.gov/vaccines/pandemic-guidance/index.html>
- Influenza vaccination:
 - Required for childcare
 - Vaccines for Children (VFC) vaccine distribution started, order now if you haven't already
 - Initial guidance was sent, see <https://www1.nyc.gov/assets/doh/downloads/pdf/imm/flu-kick-off-letter-08132020.pdf>

School Entry Requirements

Medication Administration Forms (MAFs):

- Must be completed for any medications or procedures to be performed during the school day
- Per NYS law, nurses cannot administer medications or perform a procedure without an order from a licensed medical provider (MD/DO/NP/PA)
- Exceptions: emergency administration of:
 - Epinephrine
 - Glucagon

School Entry Requirements

All forms are available on the DOE Website ([Health Forms](#)) in fillable PDFs:

- [Allergy and Anaphylaxis MAF](#)
- [Asthma MAF](#)
- [Diabetes MAF](#)
- [General Medication MAF](#)
- [Seizure MAF \(New!\)](#)
- [Medically Prescribed Treatment/Non-Medication Form](#)

Submission of Forms

- Give to school nurse on first day of school
- Diabetes Medication Administration Forms (DMAFs):
rightfax
- Other MAFs and CH205s: borough-based inboxes
(submit to borough where the student will attend
school):
 - BronxMAF@health.nyc.gov
 - BrooklynMAF@health.nyc.gov
 - QueensMAF@health.nyc.gov
 - ManhattanMAF@health.nyc.gov
 - StatenIslandMAF@health.nyc.gov

Accommodations

- Complete accommodation request forms for students needing additional educational or medical support:
 - [504 Accommodations](#)
 - Request for Transportation Accommodations (Special Education Students)
 - [Home Instruction](#)
 - Medical Exemption for Immunization (Religious exemptions are **not** allowed in NYS)
- Submit forms to School IEP or 504 team
- If medications or procedures are a component of the accommodations request, complete applicable MAF
- Office of School Health clinical staff review medical accommodation requests for medical necessity



OFFICE OF SCHOOL HEALTH



Office of School Health (OSH)

- DOHMH and DOE joint program
- Supports and advocates for the clinical needs of NYC students
- Provides:
 - Direct clinical services
 - Chronic disease management
 - Health education
 - Bi-directional communication with community providers
- Clinical Staff:
 - Nursing: daily presence in the schools
 - Clerical support staff
 - Physicians and nurse practitioners (NPs)

OSH MD/NP Role

Provide clinical support to NYC students

- Serve as clinical expert in schools
- Public health/population health managers
- Chronic disease management
- NYC Health Code-mandated health screenings
- Reproductive health
- Collaboration with community providers
- Support school nurses
- Provide health education

OSH Role During the COVID-19 Emergency

- Outreach to families of students with chronic disease
- Medication refills for students with asthma and reproductive health needs
- Referral and resources provided to families:
 - Medical
 - Mental Health
 - Food
 - Housing
- Connected community medical providers and families



OSH CLINICAL PROGRAMS

Diabetes Management

- Over 2,000 students with diabetes attend NYC public schools
- Updated DMAF based on feedback from both OSH Clinical Staff and community provider endocrinologists
- OSH Diabetes Unit:
 - On-staff endocrinologist
 - Nurses trained in diabetes management provide additional support to students and families

Comprehensive Asthma Management in Schools

- Administration of rescue and maintenance medications during the school day
 - Inhaled Corticosteroids (ICS)
 - Stock albuterol and fluticasone (Flovent)
- Asthma assessment
- Asthma education
- Asthma case management program
- Collaboration with community providers to ensure appropriate asthma management

Asthma Management

- Symptoms of asthma and COVID-19 may overlap, including cough and shortness of breath
- Students with symptoms of COVID-19 should not attend school
- Children with moderate to severe persistent asthma may be at higher risk for complications from COVID-19.
- **Patients with asthma should not stop their prescribed inhaled corticosteroid controller medication (or prescribed oral corticosteroids) during the COVID-19 emergency**

Asthma Management

- Nebulizer therapy in patients with COVID-19 can transmit potentially viable coronavirus to susceptible bystander hosts
- Based on the potential risks, asthma inhaled medications will be administered in medical rooms via metered-dose inhalers with a dedicated spacer whenever possible. Nebulizer use will be avoided whenever possible to minimize possible COVID-19 transmission
- If nebulizer use is absolutely necessary, it will be treated as an Aerosol Generating Procedure (APG); OSH staff will administer the treatment in a separate room and will wear an N95 respirator.

1.CMAJ. 2020 Mar 30; 192(13): E346

2.Respir Medicine June 2020

3.<https://www.thoracic.org/patients/patient-resources/resources/aerosol-generating-procedures>

Accommodation Reviews

- Medical Accommodations are submitted by the school Individualized Education Plan (IEP) and 504 teams, and are reviewed by OSH Physicians:
 - Transportation
 - 504 paraprofessional
 - Home instruction
 - Immunization exemption
- All requests are reviewed for medical necessity
- OSH Physicians will contact the requesting physicians if clarification of a request or a discussion of services is needed



CLINICAL EVALUATIONS IN SCHOOLS

The Medical Room: Supplies

- OSH will use the same PPE guidelines as recommended by the CDC for health care providers:
 - Surgical masks
 - Hand sanitizer
 - Gloves
 - Face shields
- PPE will be provided for all OSH staff
- Each medical room will have a non-contact thermometer
- All rooms must have mechanical ventilation (e.g., HVAC system that delivers outdoor air) or an operable window

Student Evaluation

The Isolation Room:

- Must be a designated space in the school building
- Staffed by DOE personnel
 - Staff in the isolation room must always wear appropriate PPE
- Should provide for physical distancing of 6 feet
- Must have adequate ventilation (mechanical or operable window)
- Students in the isolation room should wear face coverings and must remain in the isolation room pending disposition

Student Evaluation

COVID-Like Illness (CLI) Symptoms:

- Oral or temporal temperature of > 100.4 F
- Axillary temperature of > 99.4 F
- New onset cough
- Shortness of breath or chest pain
- Loss of smell or taste

Student Evaluation

If a student has CLI Symptoms:

- Student should be sent home
- 12S Form must be completed and given to parent/guardian
- Family advised to take child to a health care provider for evaluation of their symptoms
- Family will be provided with list of COVID-19 testing sites

Student Evaluation

- If student has a positive diagnostic test or is symptomatic and does not receive testing, they must remain out of school for the full isolation period.
 - A provider letter is not needed to return to school.
- If a student is identified as a close contact of a confirmed case, they must remain out of school for the full quarantine period, even if they receive a negative diagnostic test result.
 - A provider letter is not needed to return to school.
- If a student had symptoms and receives a negative COVID-19 diagnostic test result, they can return to school if certain criteria is met (currently under development).



ANTICIPATORY GUIDANCE

Anticipatory Guidance For Parents

Back to school checklist:

- Ensure that your child wears a fresh, clean face covering daily
 - Do not use face coverings with an exhalation valve
- Backpack supplies
 - Extra face covering—label with your child’s name
 - Personal hand sanitizer
- Provide school with updated contact information and emergency contact information

Anticipatory Guidance For Parents

- Practice the Core Four at Home:
 - Model all behaviors for your child
 - Reinforce hand hygiene
 - Teach how to wear face coverings and practice wearing at home
 - Child should own and engage in choosing face covering (patterns, colors)
 - Advise them not to trade masks with others
- Monitor your child for symptoms before sending to school
 - Keep child home if sick
 - Your child can only attend school if fever-free without taking fever-reducing medication.
- Keep all medications in stock at home for your child for chronic disease management
- Limit social media and news exposure—talk about COVID-19 in a developmentally appropriate way
- Ask for help and resources

Anticipatory Guidance For Parents

- Ask them what they are feeling
 - Acknowledge fears and anxiety about returning to school (in any learning format)
- Monitor for behavioral signs of stress
- Remove mental health stigma

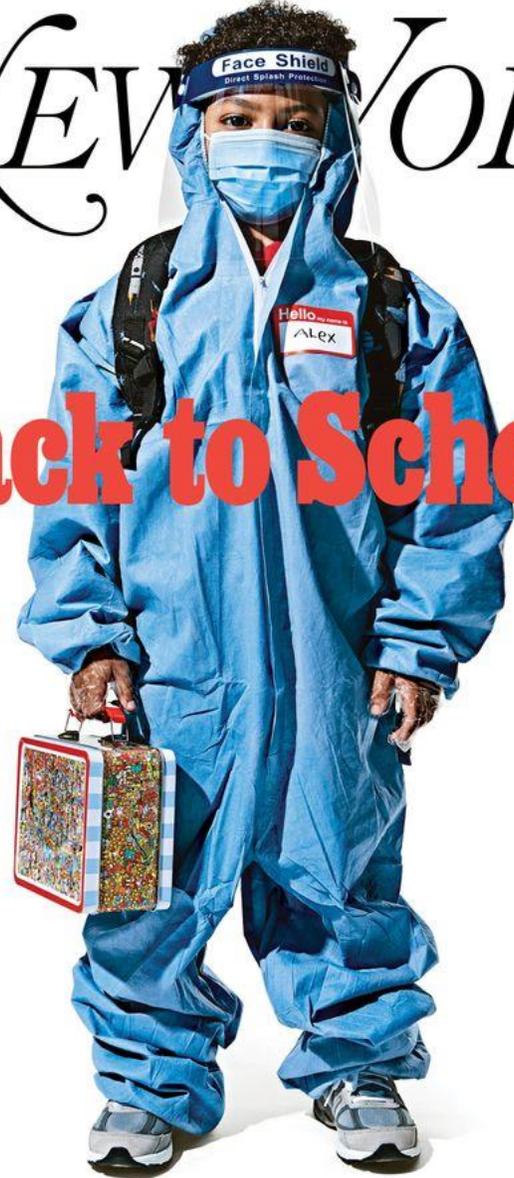
Anticipatory Guidance For You, The Medical Provider

- We have all been traumatized in some way by the pandemic.
 - Self Care
 - Compassion Fatigue

What Makes a Lawyer Bomb a Cop Car? By Lisa Miller, p.18 / Advice From a Radical Queer Feminist By Molly Fischer, p.30

NEW YORK August 3-16, 2020

Back to School



Inside the city's impossible planning project.
(It's not going well.)
By Keith Gessen

<https://nymag.com/intelligencer/article/how-can-schools-open-safely-this-fall.html>

QUESTIONS?
