

#### Massachusetts Department of Public Health

# Public Health Council Meeting September 11, 2024

Robert Goldstein, Commissioner

Today's presentation is available on mass.gov/dph under "Upcoming Events" by clicking on the September 11 Public Health Council listing.



#### **Massachusetts Department of Public Health**

# Public Health Council Meeting September 11, 2024

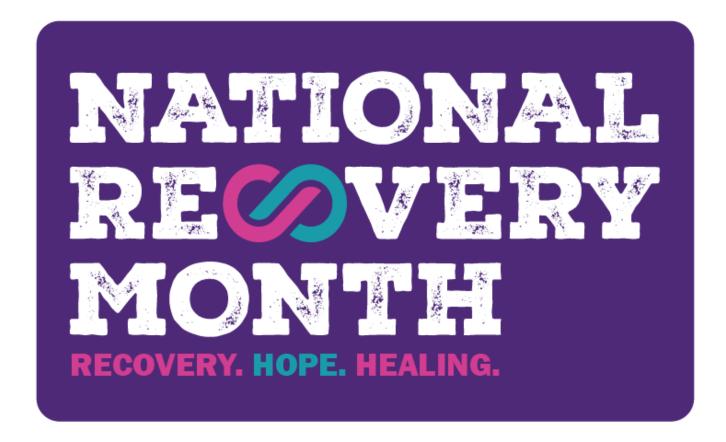
Robert Goldstein, Commissioner

### **International Overdose Awareness Day**



Flag planting on Boston Common

### **National Recovery Month**



Recovery Month events and recovery-related trainings: careersofsubstance.org/trainings-and-events/calendar

### National Emergency Preparedness Month



mass.gov/BePrepared

### **Respiratory Illness**









mass.gov/MobileVaccine mass.gov/VaccinesAtHome

### **Mosquitoes and Ticks**



mass.gov/MosquitoesAndTicks

### **WIC 50th Anniversary Celebration**



WIC Program staff and other officials at the State House celebration



youtu.be/kJRZALP256o



#### **Massachusetts Department of Public Health**

#### Public Health Emergency Response

9/11/2024

Kerin Milesky and Aaron Gettinger
Office of Preparedness and Emergency
Management (OPEM)

### **Emergencies Affecting Public Health**

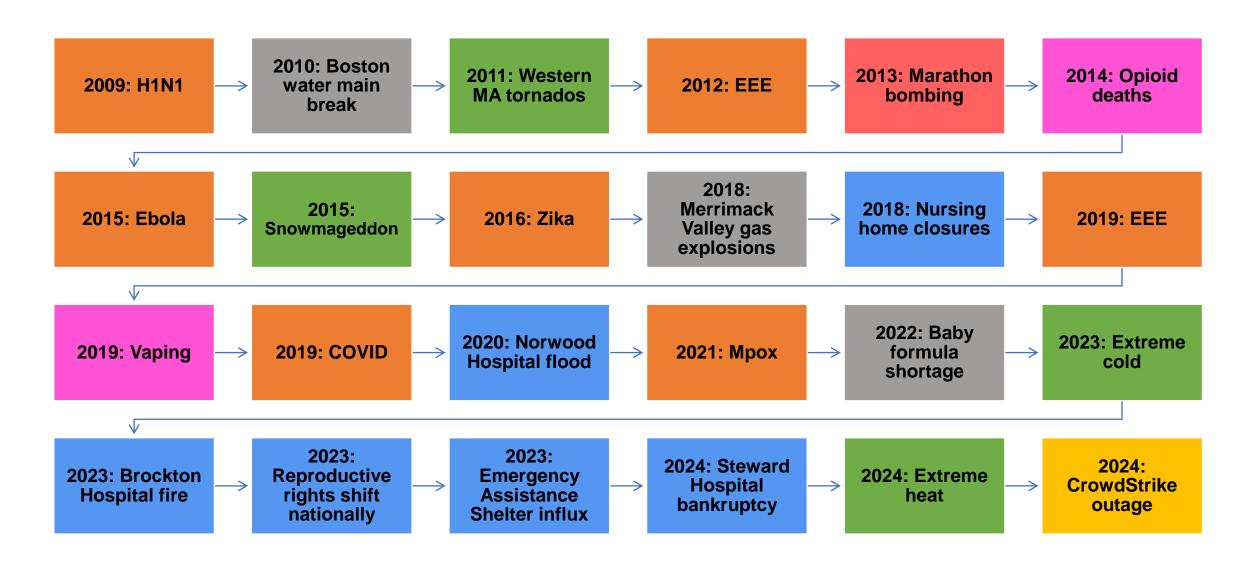
Events that can cause harm to individual or community health

#### Examples:

- Biological threats
- Natural disasters
- Chemical, nuclear radiological threats
- Cyber threats
- Explosives
- Utility and other supply disruptions
- Health care infrastructure impacts



#### **Examples Emergencies in MA Affecting Public Health**



### **State Level Response**

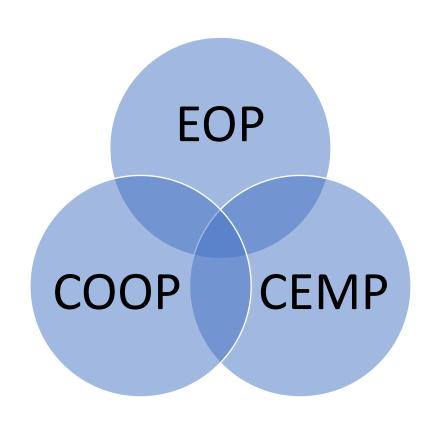
#### Includes:

- All levels of government
- Private sector
- Non-governmental organizations
- Public

#### Working together:

To prepare for, respond to, recover from, and mitigate the impacts of major incidents or events that exceed the capacity or capabilities of any single entity.

## All Hazards Response and Recovery Emergency Operations Plan (EOP)



- Identifies steps DPH will take to respond to and recover from all types of public health incidents and events
- Can be used in conjunction with:
  - Comprehensive Emergency
     Management Plan (CEMP) managed by
     the Massachusetts Emergency
     Management Agency (MEMA)
  - DPH Continuity of Operations Plan (COOP)
  - Other plans or annexes

### **Emergency Operations Plan (EOP): Objectives**

### Identify

- Capabilities, resources, authorities, and procedures the Department can utilize during a response.
- Hazards that threaten Massachusetts' public health and health care system and align missions and resources to address those hazards.

### Establish

- Framework for managing incidents in circumstances when the Department is acting either in a lead or in a support role that aligns with the Comprehensive Emergency Management Plan (CEMP).
- Expectations for positions with specific roles and responsibilities during an emergency, and designees.

#### The EOP Establishes the Framework to:

Mitigate or prevent public health emergencies

Prepare staff, volunteers, and the public to respond to and recover from an emergency

Recover effectively and efficiently

Respond appropriately

#### Levels of Response

No Plan Activation (Day to Day)

Inter- Department Coordination

EOP / COOP Activation EOP / COOP Activation

#### Single Office / Bureau

#### Examples:

- BCEH, RCP Program
- BCEH, Food Protection
- BIDLS, Infectious Disease Response

### 1 - 2 Offices / Bureaus Examples:

- WIC + OPEM; Baby Formula Shortage
- Cyber Outage SOP Activation
- BIDLS + BCEH; Seasonal arbovirus activity (WNV/EEE)
- OPEM + HCQ;
   Annual Boston
   Marathon

#### Multiple Offices / Bureaus

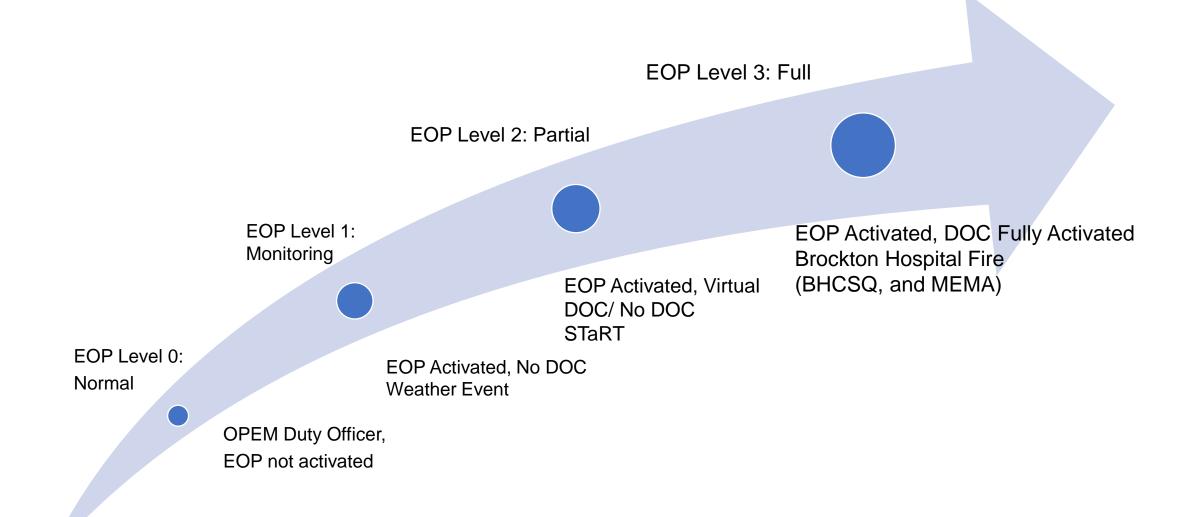
#### Examples:

- Steward and Transition Response Team (STaRT)
- Public Health Support and Services to Families in EA Shelters
- Brockton Hospital Fire & Evacuation
- MPox
- Vendor Outage

#### **Entire Department**

• COVID-19

#### **EOP Activation Levels**



#### When can the EOP be activated?

Overwhelmed local public health and health care system

A threat to public health with potential to expand is identified

CDC and / or ASPR request assistance

An incident requires increased coordination through Incident command principles

As directed by the Commissioner

Resource requests cannot be managed by a single Bureau or Office

MEMA activates
Emergency Support
Function-8 (Public
Health and Medical
Services)

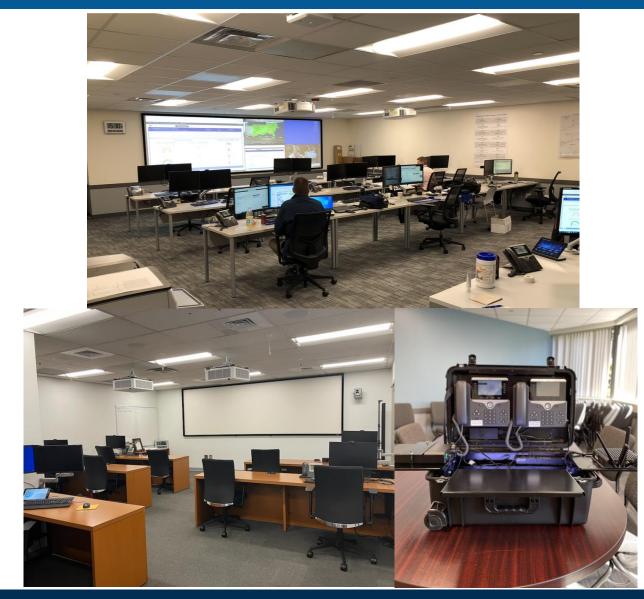
### **DPH Duty Officer Program**



- Resource for partner public health, healthcare, and emergency management agencies when there is an incident of size and scope that overwhelms their respective capacity, or a developing incident that may need further assistance.
- Three person on-call team available 24/7 to respond to large-scale public health and healthcare emergencies.
- First due to respond to MEMA's State Emergency Operations Center (SEOC) to staff ESF-8 function and/or to DPH's DOC during EOP activation
- Able to respond to partner facilities during incidents to provide support and situational awareness

### Department Operations Center Capabilities

- Desk and technology support for 8-16 people to coordinate in the same space
- Robust AV capabilities allowing for display of situational awareness tools (such as dashboards, or media)
- Telecomm capabilities to virtually link multiple spaces to allow for workstreams to support larger responses
- Redundant internet, telecom, power, and technology allows for response to continue regardless of outside infrastructure failure.





#### Massachusetts Department of Public Health

### Climate and Health

Bureau of Climate and Environmental Health: Progress and Plans

September 11, 2024

Nalina Narain, Ph.D. Director, Bureau of Climate and Environmental Health (BCEH) Marissa Hauptman, M.D, M.P.H., Medical Director, BCEH & Boston Children's Hospital

#### **Bureau of Climate and Environmental Health**



#### **Building on the BCEH Response to Climate Change**

#### Previous Initiatives:

- Received CDC funding (2010-20) for BRACE (Building Resilience Against Climate Effects) and EEA funding (FY 21-24) to integrate public health into state climate initiatives
- Incorporated Environmental Justice and Vulnerable Health EJ criteria into statewide climate change work
- Provided trainings and educational materials for health care providers, local health, and other government agencies

#### Recent Funding:

 Since SFY 24, DPH has received an annual investment of 2.2M to expand our climate change and health work

### **Extreme Weather and Health Impacts**



- Heat-related illnesses (e.g., heat exhaustion, dehydration, poor sleep)
- Worsening heart, lung, kidney disease
- Vector-borne, foodborne, waterborne diseases



- Physical injury, drowning
- Bacterial and gastrointestinal infections
- Respiratory illness from mold



- Mental stress from displacement
- Isolation of homes, neighborhoods
- Illness from water quality degradation



- Carbon monoxide poisoning
- Health impacts from electrical power outages (e.g., medical devices)
- Death or injury due to delayed emergency response

Data Source: Massachusetts Environmental Public Health Tracking matracking.ehs.state.ma.us/Climate-Change/conceptual-pathways.html

### **Key Climate Change Priorities in BCEH**

Engage

Modernize Technical Capacity

Equity

Response

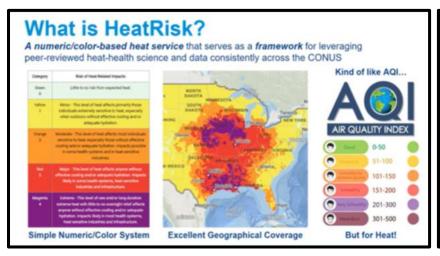
#### Response: Extreme Heat Events

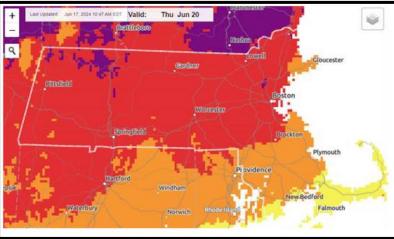


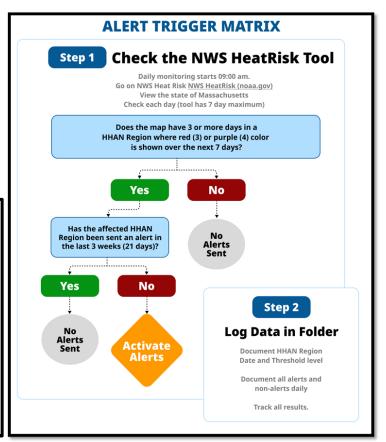
## **Bureau of Climate and Environmental Health HEAT EDUCATION and ALERT TOOLS (H.E.A.T.)**

#### **BCEH uses HeatRisk to:**

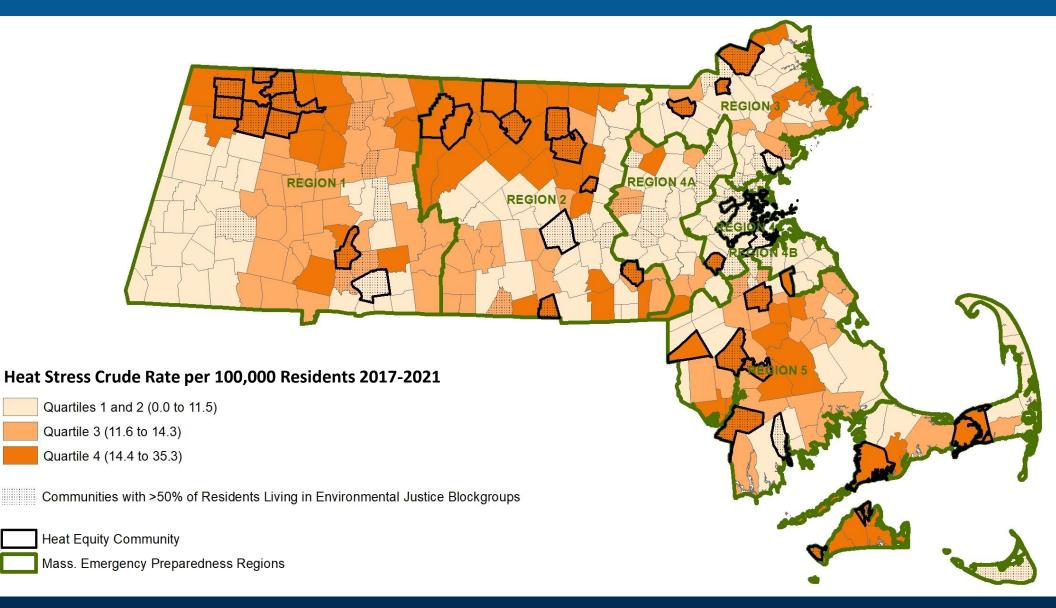
- Track extreme heat forecasts throughout the state
- Send targeted alerts & outreach when extreme heat is forecasted
- Connect clinicians & local health to resources & guidance
- Protect people, particularly those most vulnerable, during heat events





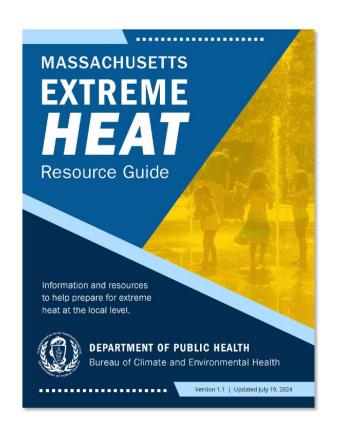


## **Extreme Heat Response: Heat Equity and Massachusetts Communities**



#### Response: Extreme Heat Events

#### **Extreme Heat Resource Guide and Climate & Health Fact Sheets**

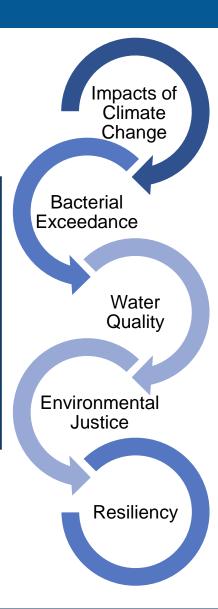




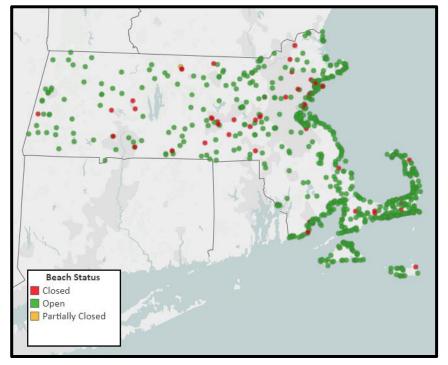
Available at Massachusetts Department of Public Health Bureau of Climate and Environmental Health: mass.gov/climate-and-health

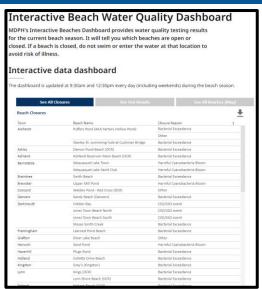
#### Response: Water Quality at Beaches

Our Role: DPH's bathing beach regulations (105 CMR 445) govern the operation of the 1,100+ public and semi-public bathing beaches in Massachusetts.



Nearly 50-fold increase from prior seasons







Data Source: Massachusetts DPH Interactive Beach Water Quality Dashboard mass.gov/info-details/interactive-beach-water-quality-dashboard

## **Engagement: Governmental and External Partners for Informed Decision-Making**





Commonwealth of Massachusetts Executive Office of Health and Human Services





**Environmental Justice Strategy** 



**Health Sector** 

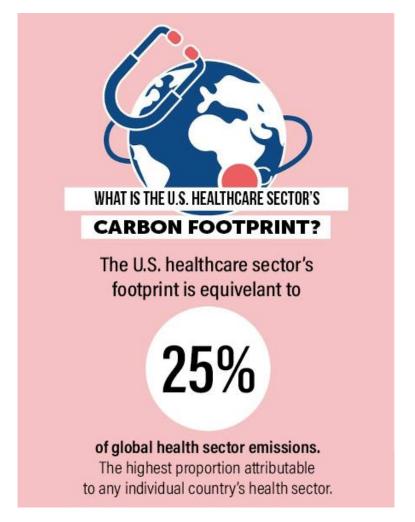
Local Health
Departments
and
Municipalities

IAQ and Schools

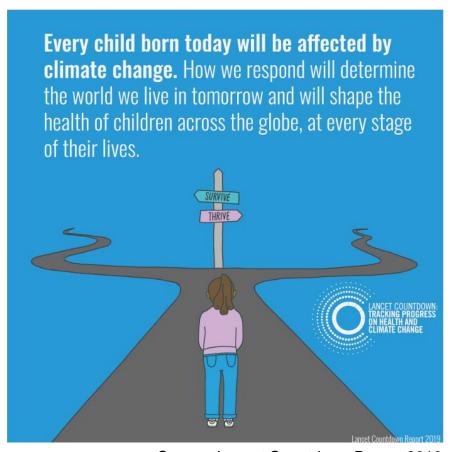
Correctional Facilities

Native and Tribal Communities

#### **Engagement: Health Care Sector**



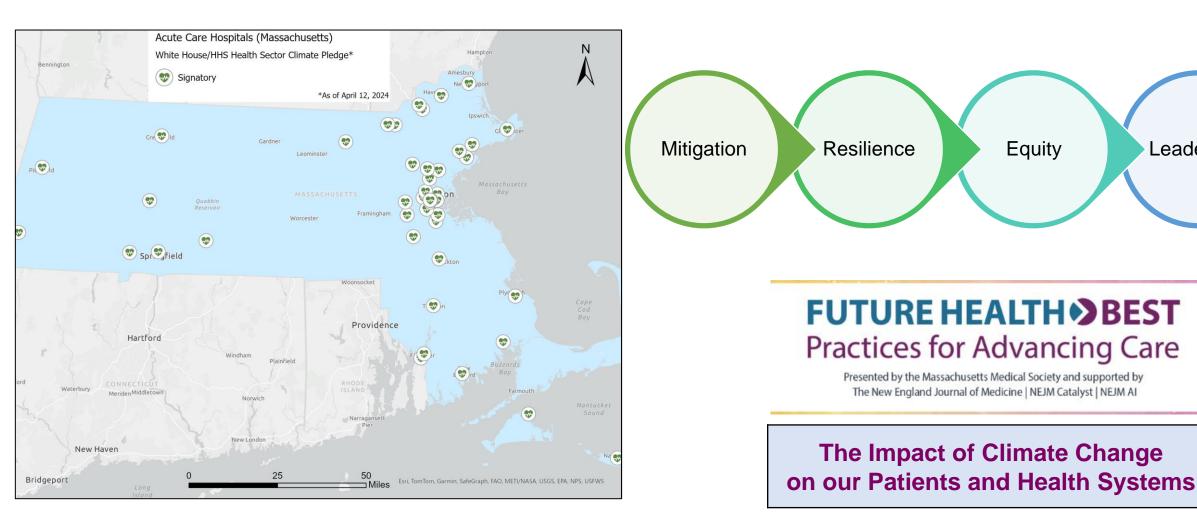
Adapted from Sources: Healthcare Without Harm and nejm.org/doi/full/10.1056/NEJMp2115675



Source: Lancet Countdown Report 2019

## Engagement: Reducing Healthcare's Own Carbon Footprint Healing Today, Sustaining Tomorrow

Leadership

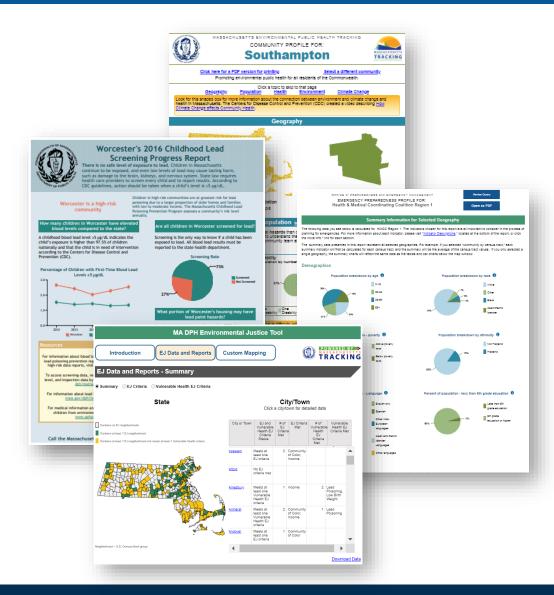


Adapted from Data Source: U.S. Department of Health and Human Services, Health Sector Commitments to Emissions Reductions and Resilience hhs.gov/climate-change-health-equity-environmental-justice/climate-change-health-equity/actions/health-sector-pledge/index.html

#### Using Data for Planning, Infrastructure, and Policy

## **EPHT and Understanding Climate Change Health Impacts**

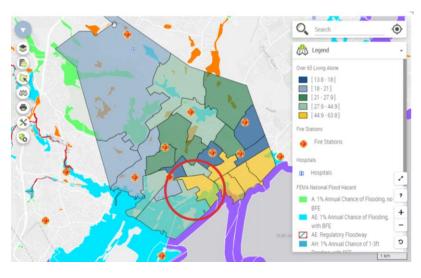
- Assess community level health and environmental data with the Climate Enhanced Community Profile.
- Identify vulnerable populations with the Emergency Preparedness Planning Population Tool.
- Identify populations already burdened by environmental contamination and high levels of disease prevalence with the Environmental Justice Tool.
- Assess baseline health measures and evaluate trends over time with MA EPHT dynamic data query tools.

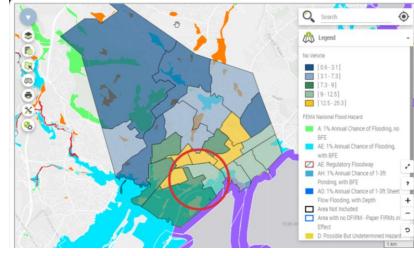


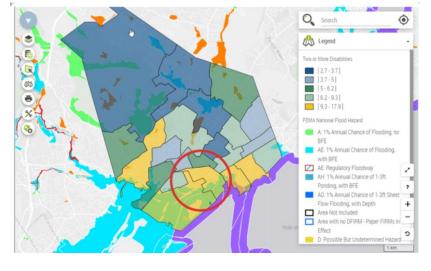
#### Using Data for Planning, Infrastructure, and Policy

#### The Power of Mapping: Identifying Vulnerable Populations Emergency Preparedness Planning Population Tool

Climate-Vulnerable Populations in Lynn and Flood Zones







65+ and Living Alone

No Vehicle

2+ Disabilities

### **Building Equity Into Climate Change Initiatives**

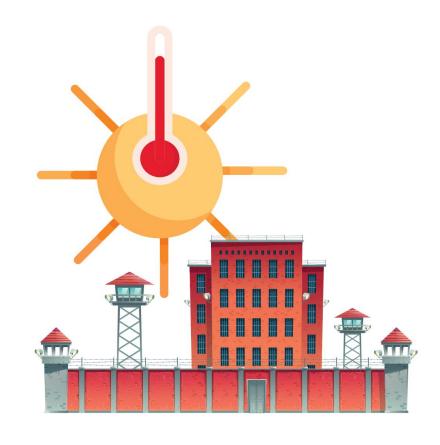
#### Working with correctional facilities and jails on heat mitigation

#### **Spring 2024:**

- One-day hands-on training with Environmental Health & Safety officers (EHSOs) on inspectional procedures and heat mitigation
- Two virtual trainings on extreme heat and mitigation
- Heat advisory posting and email to EHSOs with follow-up to facilities

#### **Summer 2024:**

- Alerted EHSOs when extreme heat was forecasted
- Piloting a new Model Heat Plan and template report form to track heat events
- Hired a new Corrections Specialist



#### **BCEH Climate Framework**

Public Health Function	Core Climate and Health Strategy
I. Surveillance, Data Collection,	a) Data infrastructure to collect, report and analyze data to inform climate policies, programs and planning
	b) Monitor threats and increases in scale of events to trigger public notification systems and outreach activities
II. Health Risk Mitigation	<ul> <li>a) Develop, adopt and implement evidence-based climate and health policies and regulations</li> </ul>
	b) Modify or increase existing <b>program interventions to mitigate health risks</b> exacerbated by climate hazards
	c) Adapt emergency plans and public notifications systems to address climate impacts
III. Public/Stakeholder Education and	a) Develop outreach channels and materials and tools on climate change hazards and health protections
Engagement	b) Engagement with partners and communities to inform climate strategies and effective reach of vulnerable populations
IV. Capacity Building and Sustainability	a) Address workforce knowledge gaps
	b) Support agency, state, and local climate integration

### Some Future Climate and Health Initiatives

- Evaluate the Heat Education and Alert Tools and consider expansion to other climate stressors (flooding, extreme weather)
- Develop syndromic surveillance using emergency department data to track near real-time heat impacts on health
- Use death certificate data on main or contributing cause of death to evaluate extreme heat mortality
- Encourage climate resiliency in the health care sector
- Partner with MassHealth to expand climate resiliency resources for patients in the health sector
- Strengthen capacity to address health impacts of moisture and mold in public buildings (including schools)
- Continue trainings and develop outreach materials for municipalities, local health, and the public



## **Massachusetts Department of Public Health**

# **Determination of Need:**Southcoast Health System, Inc. Transfer of Ownership

#### **Dennis Renaud**

Director - Determination of Need Program

Bureau of Health Care Safety and Quality

## **Background Information**

#### Southcoast Health System, Inc.

- Not-for-profit, integrated health care system that serves Southeastern Massachusetts and Rhode Island
- Charlton Memorial Hospital, Fall River with 328 licensed beds
- Saint Luke's Hospital, New Bedford with 391 licensed beds
- Tobey Hospital, Wareham with 68 licensed beds

## **Background Information – cont.**

#### Same Day Surgicare of New England, Inc.

- SDS opened in 1984, and is the first freestanding, licensed multi-specialty ambulatory surgery center ("ASC") in MA
- 4 operating rooms /4 procedure rooms/Medicare certified ASC
- Prior to 2022 SDS was wholly owned by physician partners
- Since 2022, SDS became a joint venture between its physician partners and by Southcoast Health Surgical Holdings, LLC, a corporate subsidiary of the Applicant

## **Proposed Project Description**

- SDS individual physician stockholders wish to wind down their practice and retire
- Clinical and operational infrastructures have not undergone necessary updates due to financial constraints of SDS
- With the Proposed Project, Southcoast proposes to acquire the remaining 51% ownership of SDS, following all regulatory approvals, constituting a transfer of ownership
- No change or expansion of services associated with this application

## Six Factors of a Determination of Need (DoN) Application

Factor 1	Patient Need, Public Health Value and Operational Objectives
Factor 2	Health Priorities
Factor 3	Compliance
Factor 4	Financial Feasibility and Reasonableness of Expenditures and Costs
Factor 5	Relative Merit
Factor 6	Community Health Initiatives

## Factor 1: Patient Need, Public Health Value and Operational Objectives – Requirements

In Factor 1, the Applicant must demonstrate the project will positively impact three areas:

1. Patient Panel Need

- 2. Public Health Value
- 3. Operational Objectives

The Applicant attributes need for the Proposed Transfer of Ownership to the following:

- 1. Need to maintain and improve access to ASC services for SDS's patients in light of the retirement of the SDS physician stockholders and other medical staff.
- 2. Need for financial resources to replace clinical staff, and upgrade equipment.
- 3. Need access to lower cost ASC services for Southcoast patients whose procedures are currently performed in a hospital and need access to address projected regional demand among all specialties going forward.

4. Need to improve access to and management of patients enrolled in ACO and Public Plans.

5. Need to address the increasing demand for ASC services by the aging population.

- Need to maintain and improve access to ASC Services for SDS's patients in light of the retirement of the SDS physician shareholders and other medical staff
- Shortage of Anesthesiology providers
- Post COVID departures of surgeons, proceduralists and support staff
- Initial plan includes increasing Gynecology, Pain Management and Orthopedic procedures as well as transferring appropriate Gastroenterology patients to SDS

- 2. Need for financial resources to replace clinical staff and upgrade equipment
- The Applicant reports that independently, SDS cannot afford to recruit a full complement of anesthesia, surgical and clinical providers.
- As a result of the loss of general surgery and orthopedic cases, the surgical equipment and instruments at SDS have not been upgraded and SDS does not independently have the resources to invest in upgrades for both general surgery and orthopedics.

- 3. Need to access to lower cost ASC services for Southcoast patients
- The Applicant estimates that more than 33,000 patients (9,000 in FY21, in 11,400 FY22, and 12,600 in FY23) may have been eligible to have their surgical procedure at an outpatient facility, such as SDS.

Service Line	2022 Volume	2027 Volume	2032 Volume	5 Yr. Growth	10 Yr. Growth
Spine	443	656	866	48.0%	95.4%
Pain Management	2,812	3,529	4,099	25.5%	45.7%
Orthopedics	12,632	14,587	16,286	15.5%	28.9%
Vascular	3,201	3,704	4,112	15.7%	28.5%
Ophthalmology	8,286	9,511	10,581	14.8%	27.7%
<b>General Surgery</b>	1,484	1,684	1,868	13.5%	25.9%
Gastroenterology	4,437	4,960	5,326	11.8%	20.0%
Podiatry	1,513	1,658	1,790	9.6%	18.3%
Neurosurgery	362	386	417	6.5%	15.2%
Trauma	895	944	998	5.5%	11.4%
ENT	10,379	10,810	11,246	4.1%	8.4%
Dermatology	5,515	5,743	5,934	4.1%	7.6%
Urology	6,328	6,596	6,752	4.2%	6.7%
<b>Cosmetic Procedures</b>	4,173	4,322	4,344	3.6%	4.1%
Gynecology	2,567	2,583	2,644	0.6%	3.0%
Thoracic Surgery	103	106	105	3.3%	2.0%

- Need to improve access to and management of patients enrolled in ACO and Public Plans
- Southcoast Health Networks integrated care navigation program
- Payer Mix- higher rate of patients covered under public plans
- Improved coordination of care and medical management of needed services in a lower cost setting

- 5. Increasing need for ASC services by the aging population
- From 2015 to 2035, the state's 65+ population is projected to increase at a higher rate compared to all other age groups (from 15.8% in 2015 to 23% in 2035).
- There are many age-related conditions that may lead to surgery.
   The Applicant highlights three surgical specialties that one or both entities serve: Digestive Health, ENT, and Orthopedics.

Factor 1: b) Public health value, improved health outcomes and quality of life; assurances of health equity

**Public Health Value**: 1. High quality services. 2. Lower rates of revisits/infections. 3. Enhanced convenience and satisfaction.

**Assurances of Health Equity**: 1. Language access initiatives. 2. Systems and dedicated staffing to advance health equity.

### Factor 1: c) Efficiency, Continuity of Care, Coordination of Care

Transition to the Southcoast EMR

Access to care coordination initiatives

## Factor 2: Health Priorities – Requirements

The expectation is that, using objective data, Applicants will address how the Proposed Project supports Commonwealth Cost containment goals, improved public health outcomes, and delivery system transformation.

## Factor 2: Cost Containment – Analysis

High Quality Care in a Low-Cost Setting

Shifting clinically appropriate cases from a Hospital Outpatient Department to the ASC

Reimbursement rates for procedures performed in ASCs are approximately 60% lower for the same outpatient procedures performed in a hospital setting

## Factor 2: Improved Public Health Outcomes – Analysis

Increasing access to freestanding ASC care

Improved patient experience and satisfaction

Limiting the impact of cost of care

## Factor 2: Delivery System Transformation – Analysis

- Payer Mix
- Services that support Social Determinants of Health

## Factor 3: Compliance – Key Requirements and Analysis

The Determination of Need Program staff has determined that the Applicant has provided evidence of compliance and good standing with federal, state, and local laws and regulations.

# Factor 4: Financial Feasibility and Reasonableness of Expenditures and Costs – Requirements

#### **CPA Review**

To assess Financial Feasibility in compliance with this Factor, the Applicant must provide evidence that it has sufficient funds available for capital and ongoing operating costs necessary to support the Proposed Project without negative impacts or consequences to the Applicant's existing Patient Panel. The report is certified by an Independent CPA.

# Factor 4: Financial Feasibility and Reasonableness of Expenditures and Costs – Analysis

Based upon its review, the CPA concluded that the Prospective Financial Schedules are based upon reasonable and feasible assumptions and determined that the SHS Prospective Financial Schedules are a reasonable expectation and based on feasible and sustainable financial projections which are not likely to have a negative impact on the patient panel or result in a liquidation of assets of the Applicant.

## Factor 5: Relative Merit and Factor 6 Community Health Initiatives

Transfers of Ownership are exempt from Factor 5 and Factor 6

### **Other Conditions**

 Annually, for both Southcoast (outpatient) and SDS, the applicant will report the following:

- Surgical volume by specialty
- Surgical payer-mix
- Surgical patients by race and ethnicity
- Surgical volume by age
- Participation in MassHealth

# Thank you for the opportunity to present this information today.

Please direct any questions to:

#### **Dennis Renaud**

Director, Determination of Need Program

Bureau of Health Care Safety and Quality

Dennis.Renaud@mass.gov



## Massachusetts Department of Public Health

# Post-Comment Revisions to 105 CMR 721.000 and 105 CMR 722.000

Standards for Prescription Format and Security in MA; Dispensing Procedures for Clinic and Hospital Pharmacies

Lauren B. Nelson, Esq.

Deputy Director, Bureau of Health Professions Licensure

## Summary of 105 CMR 721

105 CMR 721.000, Standards for Prescription Format and Security in Massachusetts:

- Outlines Drug Control Program (DCP) format and security requirements for valid prescriptions in Massachusetts;
- Requires all prescriptions to be electronic (ePrescribing), subject to a waiver and exceptions; and
- Establishes requirements for prescriptions issued by Advanced Practice Registered Nurses (APRN).
- Amendments are needed to implement chapter 260 of the acts of 2020, provide needed updates to ePrescribing requirements, and align the regulation with other controlled substances regulations.

## Overview of Proposed Revisions to 105 CMR 721

#### The proposed amendments address three goals:

- 1. Implement chapter 260 of the acts of 2020, which authorizes independent practice for APRNs with 2+ years' prior supervised prescriptive practice.
  - Example: 721.020(E) exempts independent APRNs from the requirement to list a supervising practitioner on their prescriptions
- 2. Update sections that created a grace period for implementation of ePrescribing regulations.
  - Example: Removes the grace period in 721.020(H), which ended on January 1, 2021
- 3. Align the regulation with the other Drug Control Program (DCP) regulations.
  - Example: Adds 721.080, a general waiver provision, as is included in 105 CMR 700.000

## **Public Comment to 105 CMR 721**

The Department received comments from three respondents and recommends additional post-comment amendments to the regulation.

# Final Amendments: Changes based on Comments Received 105 CMR 721.020(E) Prescription Formats

#### **Summary of Pre-Comment Changes**

 Exempts independent APRNs from the requirement to list a supervising practitioner on their prescriptions when issued, as they require no supervision; and

#### **Summary of Proposed Final Amendment**

- Replaces the term <u>physician</u> with <u>qualified</u> <u>heath professional</u>, which is defined as "a physician, certified nurse practitioner, psychiatric nurse mental health clinical specialist or certified registered nurse anesthetist authorized to supervise prescriptive practice pursuant to M.G.L. c. 94C, § 80H and applicable regulations by the Board of Registration in Nursing".
- Broadens authorization for supervised independent prescriptive practice, addressing feedback, and aligning the regulation with 244 CMR 4.07.

# Final Amendments: Changes based on Comments Received 105 CMR 721.020(E) Prescription Formats

#### **Summary of Pre-Comment Changes**

 Clarifies that a pharmacist may dispense an APRN's prescription that lists no supervisor, with no additional responsibility to verify the APRN's independence.

#### **Summary of Proposed Final Amendment**

- Removes the broad authorization for pharmacists not to verify a prescriber's independence, as a simple verification method exists through the Massachusetts Controlled Substance Registration Program.
- The Department will issue guidance on appropriate verification process.

## Summary of 105 CMR 722

105 CMR 722.000, Dispensing Procedures for Clinic and Hospital Pharmacies:

- Sets forth standards governing dispensing procedures for clinic and hospital pharmacies; and
- Shares jurisdiction with clinic and hospital regulations, which limit dispensing authorization to facilities with pharmacy services and staffing.
- Amendments are needed to align the regulation with clinic and hospital licensure regulations with regard to pharmacies and to recognize an exemption from these requirements.

## Overview of Proposed Revisions to 105 CMR 722

#### The proposed amendments address three goals:

- 1. Align multiple regulations to ensure consistency and eliminate confusion.
  - Example: These amendments add a definition for "hospital," which was lacking in prior hospital dispensing regulations.
- 2. Support compliance with the clinic regulations.
  - Example: These amendments clarify the clinic regulation requirement that clinics must have pharmacy services and staffing in order to dispense controlled substances.
- 3. Recognizes an exception for family planning clinics.
  - Example: These amendments note an exception to the on-site pharmacy requirement, as recognized in M.G.L. c. 94C, § 9(e).

### Public Comment to 105 CMR 722

- The Department received two comments from one respondent, which were supportive of the amendments and informative in nature.
- As a result of the public comments received, DPH does not recommend any further amendments to the regulation.

## **Next Steps**

 Following approval of these regulations by the Public Health Counsel, staff will file the regulations with the Secretary of the Commonwealth for promulgation.

# Thank you for the opportunity to present this information today.

For more information, please find the relevant statutory language and the full current regulations here:

#### **Massachusetts Law:**

Session Law - Acts of 2020 Chapter 260 (malegislature.gov); M.G.L. c. 94C, § 9(e)

#### **Current Regulation:**

105 CMR 721.00: Standards for prescription format and security in Massachusetts | Mass.gov

105 CMR 722.00: Dispensing procedures for pharmacists | Mass.gov

#### **Proposed Amendment:**

mass.gov/dph/proposed-regulations

#### Please direct any questions to:

DCP.DPH@mass.gov



## **Massachusetts Department of Public Health**

## Next Meeting: October 9, 2024