

# Overview of Hepatitis C Dashboard and Metrics

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# HCV facility dashboards

- The Hepatitis C Dashboard is a tool for measuring the quality of hepatitis C care being delivered to New York City (NYC) residents at specific hospitals and health centers.
- It can be used to track progress towards the elimination of hepatitis C in NYC.

## Hepatitis C Testing and Treatment Dashboard

Mount Sinai Hospital

2021 New York City Health Department Surveillance Data

### Hepatitis C Testing

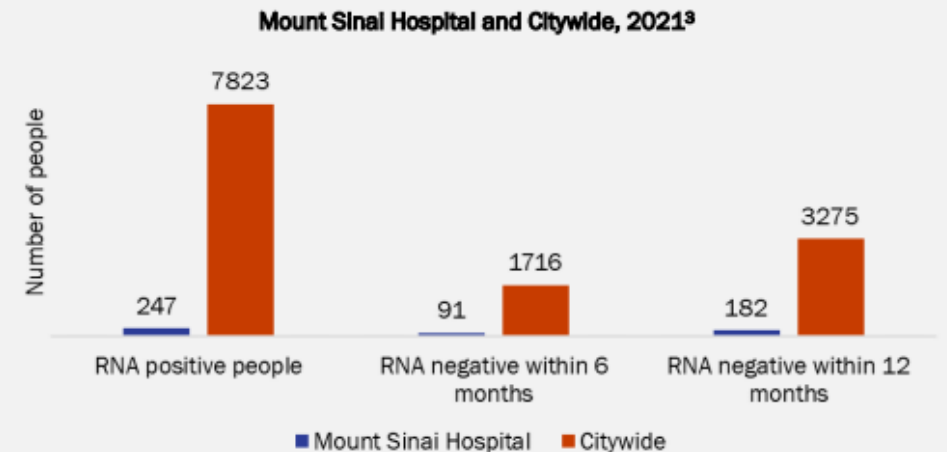
<b>34,613</b>	Number of people with a positive hepatitis C test, <b>citywide</b>
<b>877</b>	Number of people with a positive hepatitis C test at <b>Mount Sinai Hospital</b>
<b>294</b>	Number of people newly diagnosed with hepatitis C at <b>Mount Sinai Hospital</b>

### Hepatitis C Reflex RNA Testing Rate

<b>85%</b>	New York City Health Department's goal reflex RNA rate
<b>85%</b>	Percentage of positive hepatitis C antibody tests ordered by <b>Mount Sinai Hospital</b> that were reflexed to RNA testing

### Hepatitis C Treatment Initiation<sup>1</sup>

<b>22%</b>	<b>Citywide</b> percentage of people who were RNA negative within 6 months of their positive RNA test in 2021
<b>37%</b>	Percentage of people who were RNA negative within 6 months <sup>2</sup> of their RNA positive test <b>Mount Sinai Hospital</b> in 2021



# Working towards HCV elimination

## Elimination Strategy

### Hepatitis C Treatment Strategies

7.2 Support health care facilities serving communities with a high prevalence of hepatitis C to build hepatitis C treatment capacity, by implementing changes to EHR systems, integrating order sets, and making other clinical workflow changes to improve treatment and cure rates

### Hepatitis C Surveillance Data Strategies

8.3 Integrate hepatitis C surveillance and other data systems to better identify and contact people with hepatitis C who are out of care, to expedite referrals to treatment.

# Background

- NYC clinical laboratories report lab results through an automated electronic laboratory reporting system to the NYC Health Department's Hepatitis Surveillance Registry.
  - positive hepatitis C antibody tests
  - positive and negative hepatitis C RNA tests
  - genotype tests

# Background

- The NYC Health Department's Viral Hepatitis Program selects facilities with a high volume of hepatitis C cases in NYC and prepares facility-specific Hepatitis C Dashboards.
- A person's test result is assigned to a specific facility based on the address of the ordering facility on the test reported to the surveillance registry.

# Metrics

- I. Hepatitis C testing
- II. Reflex RNA rate
- III. Treatment

# Hepatitis C testing

- Hepatitis C testing is determined by the unique number of people who had either a positive hepatitis C antibody, RNA or genotype test ordered from your facility in the preceding year.
- People with a positive hepatitis C test at more than one facility in the preceding year are counted at each facility.

# Hepatitis C testing

## Hepatitis C Testing

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Number of people with a positive hepatitis C test, **citywide**

**877**

Number of people with a positive hepatitis C test at **Mount Sinai Hospital**

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Number of people newly diagnosed with hepatitis C at **Mount Sinai Hospital**

# Hepatitis C testing

## Hepatitis C Testing

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Number of people newly diagnosed with hepatitis C at **Mount Sinai Hospital**



People are considered newly diagnosed if they had their first positive hepatitis C RNA test ever reported in the preceding year

# Hepatitis C reflex RNA testing

- When a laboratory automatically performs a hepatitis C RNA test if the hepatitis C antibody test result is positive
- Reflex RNA testing uses the same specimen or a second specimen collected at the same time as the initial specimen.

# Hepatitis C reflex RNA testing

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people who had a positive hepatitis C antibody test ordered at your facility in the preceding calendar year

# Hepatitis C reflex RNA testing

people who had a hepatitis C RNA test with the same specimen accession number or collection date as their positive hepatitis C antibody test

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people who had a positive hepatitis C antibody test ordered at your facility in the preceding calendar year

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# Hepatitis C reflex RNA testing

## Hepatitis C Reflex RNA Testing Rate

**85%**

New York City Health Department's goal reflex RNA rate

**85%**

Percentage of positive hepatitis C antibody tests ordered by **Mount Sinai Hospital** that were reflexed to RNA testing

# Hepatitis C treatment

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people whose last positive hepatitis C RNA test of the preceding calendar year was performed at your facility

# Hepatitis C treatment

people who received a subsequent negative hepatitis C RNA test result from the same facility/any other NYC facility within 6 months of the last positive hepatitis C RNA test

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people whose last positive hepatitis C RNA test of the preceding calendar year was performed at your facility

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# Hepatitis C treatment

## Hepatitis C Treatment Initiation<sup>1</sup>

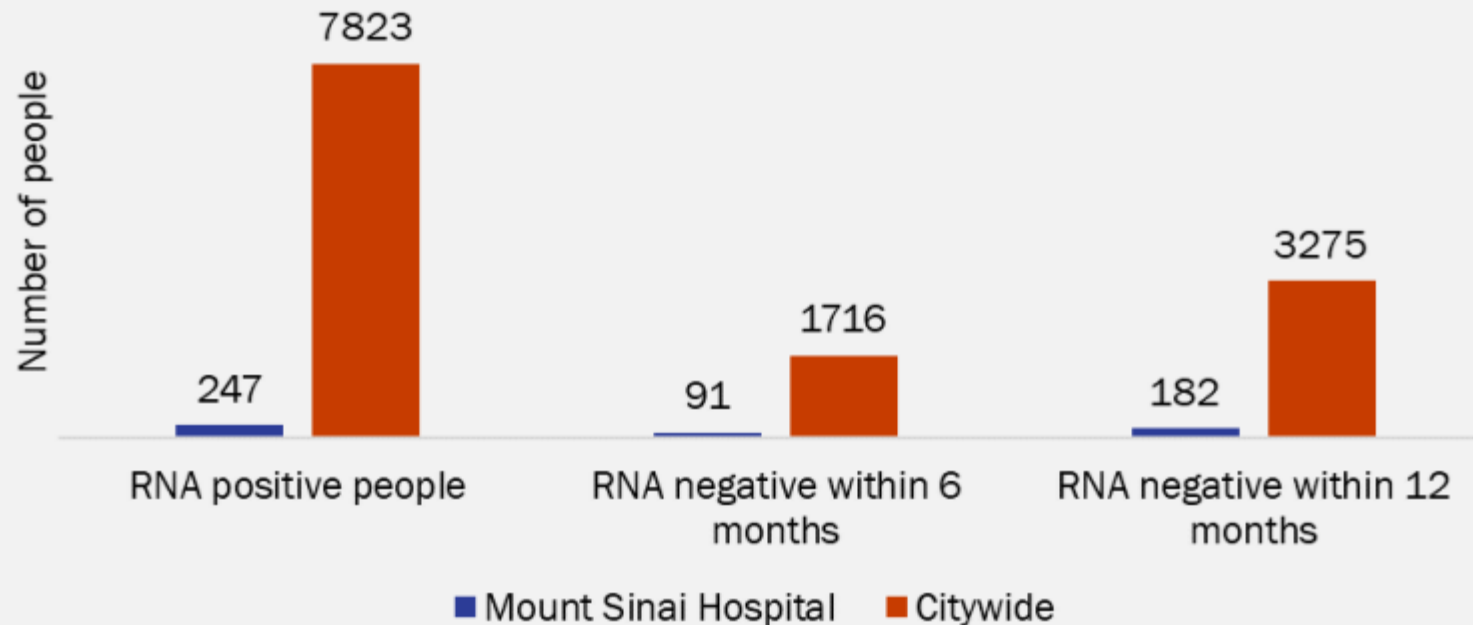
22%

Citywide percentage of people who were RNA negative within 6 months of their positive RNA test in 2021

37%

Percentage of people who were RNA negative within 6 months<sup>2</sup> of their RNA positive test **Mount Sinai Hospital** in 2021

Mount Sinai Hospital and Citywide, 2021<sup>3</sup>



# Mount Sinai Health System Viral Hepatitis Elimination Program

Anna Mageras, MPH  
Liver Diseases



Icahn  
School of  
Medicine at  
**Mount  
Sinai**

## Mount Sinai Testimonial

The DOHMH's HCV and HBV facility dashboards are incredibly helpful tools. They provide additional quality metrics that help us identify gaps in care at our various sites and opportunities for improvement.

We were also able to use dashboard data to create an infographic showcasing our success with HCV treatment at Mount Sinai Hospital, which our marketing team disseminated on social media.

The DOHMH Viral Hepatitis Team is incredibly responsive to questions and requests for more information. They really care about making the best use of this data to improve patient care and eliminate viral hepatitis in NYC.

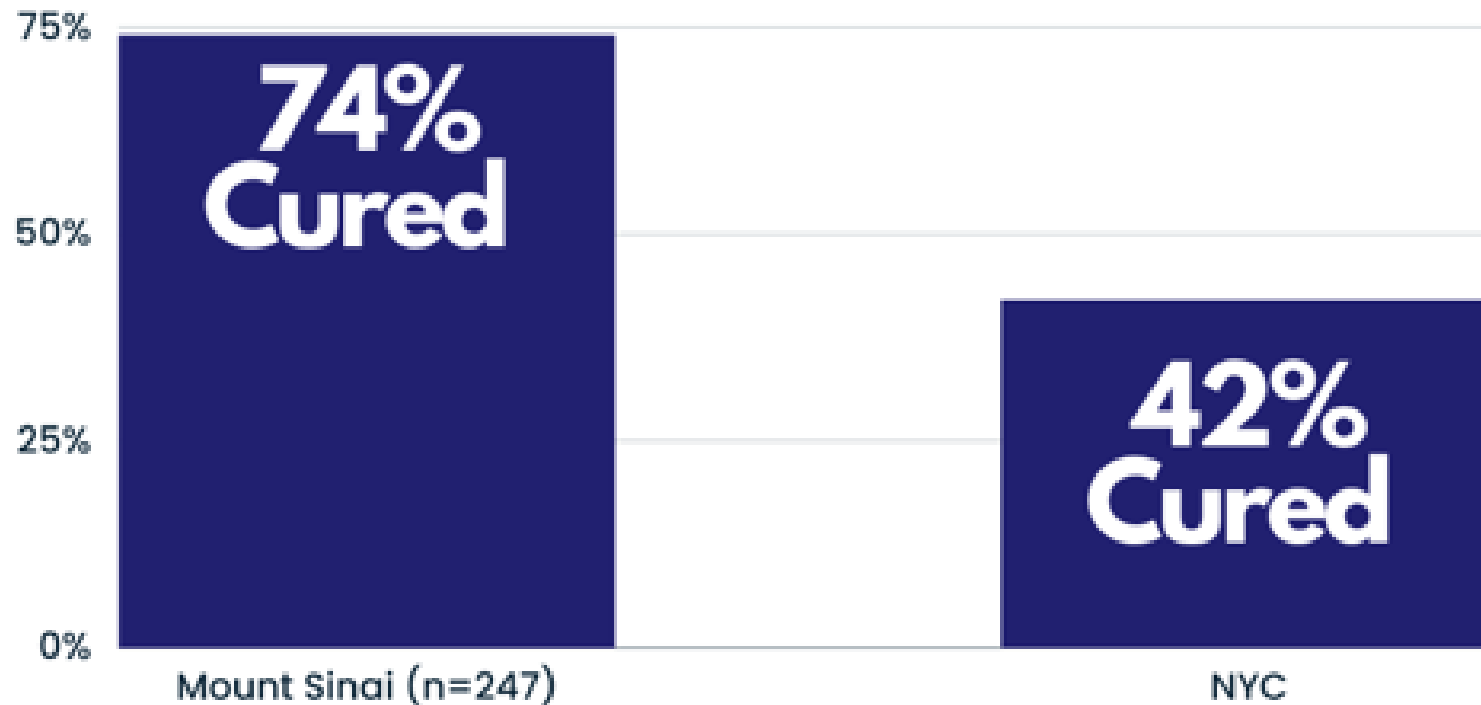
We are very grateful to them for their hard work and collaborative spirit.



# HEPATITIS C CARE AT MOUNT SINAI

Almost twice the percentage of Mount Sinai patients with Hepatitis C\* were cured within 1 year compared to all of NYC, 2021-2022.

CALL OR TEXT 212-824-9726 OR EMAIL [LEAP@MSSM.EDU](mailto:LEAP@MSSM.EDU) FOR CARE.



\*AMONG PATIENTS WHO TESTED POSITIVE FOR HEPATITIS C IN 2021.

SOURCE: NYC DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

Questions?