COVID-19: Vaccine Hesitancy

Myths, Misinformation and What We Know, Now

May 6, 2021
Topics

- COVID-19 & Vaccinations Update
- Roundtable Discussion – Vaccine Hesitancy
Ed Gilkey, MD, MS, MBA, CPE, Senior Physician Executive, Northern Light Beacon Health

Melissa Maginnis, Ph.D., Molecular and Biomedical Sciences, University of Maine

Elisabeth Marnik, Ph.D., Assistant Professor, College of Science and Humanities, Husson University

Jim Jarvis, MD, FAAFP, Senior Physician Executive, Incident Command, Northern Light Health, Director, Clinical Education, Northern Light EMMC
Our Special Guests

- Remi Geohegan
- Tanisha Gilbert
- Emily McLaughlin
Legal Disclosure:

The Coronavirus pandemic is an ongoing, continuously evolving situation. Northern Light Health encourages everyone to follow federal and state governmental guidance and mandates.

Northern Light Health does not know the particulars of your situation, so the information presented today is general in nature and is based upon Northern Light Health’s own experience, which may or may not apply in your specific situation, and which may be revised as we learn more about the Coronavirus.

Accordingly, following any guidance Northern Light Health presents today in no way guarantees that you, your employees and/or your customers and clients will not contract or spread the Coronavirus.
Ask us questions – give us feedback – this hour is for you

• Please use the chat function to ask your questions at anytime.
COVID-19 & Vaccinations Update
Coronavirus World Map: Tracking the Global Outbreak
Updated May 2, 2021

<table>
<thead>
<tr>
<th></th>
<th>TOTAL REPORTED</th>
<th>ON MAY 1</th>
<th>14-DAY CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cases</strong></td>
<td>152.3 million+</td>
<td>788,076</td>
<td>+7%</td>
</tr>
<tr>
<td><strong>Deaths</strong></td>
<td>3.1 million+</td>
<td>12,680</td>
<td>+13%</td>
</tr>
</tbody>
</table>

Day with reporting anomaly. 14-day change trends use 7-day averages.
Vaccination rates by continent
Doses administered per 100 people

- North America: 47
- Europe: 30
- South America: 18
- Asia: 12
- Oceania: 5.8
- Africa: 1.3

What’s Happening in Maine?

New hospitalizations

Purpose: Measure burden of severe COVID-19 cases.

14-day window

Hospitalizations

Feb 1, 20  Jun 1, 20  Oct 1, 20  Feb 1, 21
## Cases and Deaths by Age Group in Maine thru 5/1/21 - MECDC

<table>
<thead>
<tr>
<th>PATIENT_AGE</th>
<th>CASES</th>
<th>DEATHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;20</td>
<td>11140</td>
<td>0</td>
</tr>
<tr>
<td>20s</td>
<td>11437</td>
<td>3</td>
</tr>
<tr>
<td>30s</td>
<td>9079</td>
<td>1</td>
</tr>
<tr>
<td>40s</td>
<td>8288</td>
<td>13</td>
</tr>
<tr>
<td>50s</td>
<td>9187</td>
<td>37</td>
</tr>
<tr>
<td>60s</td>
<td>6554</td>
<td>73</td>
</tr>
<tr>
<td>70s</td>
<td>3410</td>
<td>210</td>
</tr>
<tr>
<td>80+</td>
<td>2752</td>
<td>452</td>
</tr>
</tbody>
</table>

### CASES

![Case Chart](chart_cases.png)

### DEATHS

![Death Chart](chart_deaths.png)
Vaccinations in Maine

State of Maine COVID-19 Vaccination Dashboard
Data as of: May 01, 2021

- 1,164,913 Doses Administered
- 638,070 First Dose
- 526,843 Final Dose
- 47.47% Population First Dose %
- 39.19% Population Final Dose %
- 1,344,212 Census Population

Final Dose by Age Group

- Age 16-19: 5,014
- Age 20-29: 30,050
- Age 30-39: 40,026
- Age 40-49: 44,225
- Age 50-59: 100,102
- Age 60-69: 146,400
- Age 70-79: 108,755
- Age 80 and Older: 52,267
Post Acute Sequelae of SARS-CoV-2 (PASC)

- Long COVID
- Long Haulers Syndrome
- Post-COVID Syndrome
- Long Term COVID
- Clinical Manifestations: breathing issues, heart problems, kidney damage, loss or distortion of taste and smell, neurologic problems, mental health issues, diabetes
- Prevention: The best way to avoid post-COVID-19 complications is to prevent infection with the coronavirus in the first place. Practicing coronavirus precautions and getting a COVID-19 vaccine as soon as it is available to you are effective ways to avoid getting COVID-19.

The Pandemic is Almost Over, Right?

- Worldwide cases and deaths per day are increasing
- New variants with unfavorable characteristics are emerging across the globe
- Vaccination rates are variable across countries and continents
- Maine hospitalizations are increasing modestly
- Herd Immunity may occur at 70-85% vaccination rate
- Maine is best in class for vaccination rate at approximately 40%
- Prevention is an important tool
- Achieving herd immunity is the global strategy, one person at a time
Vaccination Hesitancy
Ed Gilkey, MD, MS, MBA, CPE, Senior Physician Executive, Northern Light Beacon Health

Melissa Maginnis, Ph.D., Molecular and Biomedical Sciences, University of Maine

Elisabeth Marnik, Ph.D., Assistant Professor College of Science and Humanities, Husson University

Jim Jarvis, MD, FAAFP, Senior Physician Executive Incident Command, Northern Light Health, Director, Clinical Education, Northern Light EMMC
Our Special Guests

- Remi Geohegan
- Tanisha Gilbert
- Emily McLaughlin
Tools you can use:

https://northernlighthealth.org/Resources/Safe-Return-to-Business
Join us Thursday, May 20:

Topics:

Good Health Is Good Business

The pandemic’s unexpected impact on mental health and substance use

Thursday, May 20 at 11 AM

The Zoom meeting ID will be sent to you upon registering.

Topics will include:

- COVID-19 update
- One in three people have longer term mental health or neurological symptoms
- Increase in diagnosis of anxiety and mood disorders
- Alcohol use on the rise (dominant substance that plagues Maine)

Our Panelists:

Joe Jirrels, MD, FAAFP
Senior Physician Executive
Infectious Disease, Northern Light Health
Director, Clinical Education, Northern Light EMIC

Yanesa St. Claire, LIPHC
Employee Wellness Program
Northern Light Health

Jacqueline Cyr, MPC
Adult Outpatient Services
Northern Light Acadia Hospital

Angela Warnock, LCEW
Director, Substance Use Program
Northern Light Acadia Hospital

Moderated by

Bill Gilroy, MD, MBA, CPE
Senior Physician Executive
Northern Light Beacon Health

Please register by clicking here before joining the meeting.

Learn how to support your employees and your customers to operate a safe and healthy business.
Legal Disclosure:

The Coronavirus pandemic is an ongoing, continuously evolving situation. Northern Light Health (NLH) encourages everyone to follow federal and state governmental guidance and mandates.

NLH does not know the particulars of your situation, so the information presented today is general in nature and is based upon NLH’s own experience, which may or may not apply in your specific situation, and which may be revised as we learn more about the Coronavirus.

Accordingly, following any guidance NLH presents today in no way guarantees that you, your employees and/or your customers and clients will not contract or spread the Coronavirus.