HOW THE NEW ENGLAND JOB MARKET HAS CHANGED DURING THE COVID-19 HEALTH CRISIS

In May, we explored Emsi’s proprietary job postings data from April 2019 and April 2020 to discern how and to what extent employment opportunities have changed in New England since the start of the current health crisis.

Here, we revisit the data to review Emsi’s job postings data from June 2020 to see how the region’s job market has changed in recent weeks.

Note about the data: Emsi’s data depict only the jobs that have been posted online. Since not all jobs are listed online, the data provide a broad representation of the employment landscape, rather than a strictly precise picture of the labor market.

SUMMARY OF UPDATED DATA

NUMBER OF JOB POSTINGS: On July 9, the U.S. Labor Department reported that new unemployment claims across the nation dropped to 1.3 million the previous week. In line with this report, job postings in New England were up slightly (+0.6%) in June 2020 over April 2020. The greatest increase in overall job postings during this period occurred in Massachusetts, in which there were 2.7% more jobs posted in June 2020 than April 2020. Despite the slight growth in job postings across the region, job postings in June 2020 compared to April 2020 were down in two states: Maine (-7.9%) and Rhode Island (-6.9%).

OCCUPATIONAL SHIFTS: Since April 2020, the top occupations in each state have remained relatively steady, with the biggest shift being merely the order in which the occupations were ranked. In general, some of the most common top occupations in the region include registered nurses, heavy and tractor-trailer truck drivers, and software developers.

HEALTHCARE-RELATED JOB POSTINGS: In April 2020, employment opportunities in healthcare had increased slightly since April 2019 in three New England states — Connecticut (+5.3%), Massachusetts (+5.6%), and Rhode Island (+1.6%) — and decreased elsewhere in the region — Maine (-12.5%), New Hampshire (-5.9%), and Vermont (-6.3%). By June 2020, job postings in the healthcare sector had grown since April 2020 in five New England states — by an average of 8.5% across the region. The growth in healthcare-related job opportunities in the region ranged from an increase of 11.1% in Maine to a 13.6% surge in Massachusetts during the same period. In Rhode Island — the only New England state to see a decrease in health care-related job postings between April 2020 and June 2020 — postings were down 0.1%.

MONTHLY JOB POSTING TRENDS IN NEW ENGLAND (ALL JOBS)

September 2016-Present

SOURCE: Emsi, Job Posting Analytics

Questions? Feedback? Email Stephanie Murphy at smurphy@nebhe.org.
REGIONAL SNAPSHOT:
NEW ENGLAND JOB OPPORTUNITIES

**ALL JOB POSTINGS**

**April 2019**
- 575,558 unique job postings across New England.
- % Change from April 2018: +10.1%

**April 2020**
- % Change from April 2019: -24.2%

**June 2020**
- 438,901 unique job postings across New England.
- % Change from April 2020: +0.6%

**Top Posted Occupations**
- Heavy and Tractor-Trailer Truck Drivers
- Retail Salespersons
- Registered Nurses

**Top Companies Posting**
- CRST International, Inc.
- Oracle Corporation
- Uber Technologies, Inc.
- CVS Health Corporation
- The Home Depot

**Top Posted Occupations**
- Heavy and Tractor-Trailer Truck Drivers
- Registered Nurses
- Retail Salespersons
- Software Developers

**Top Companies Posting**
- Amazon.com, Inc.
- CVS Health Corporation
- The Home Depot
- Oracle Corporation
- Cynet Systems, Inc.

**JOB POSTINGS IN HEALTHCARE-RELATED OCCUPATIONS**

**April 2019**
- % Change from April 2018: +22.8%

**April 2020**
- % Change from April 2019: +0.7%

**June 2020**
- 68,536 unique job postings across New England.
- % Change from April 2020: +8.5%

**WWW.NEBHE.ORG/CORONAVIRUS**
April 2019
107,306
unique job postings
in Connecticut.
% Change from April 2018
-10.8%

Top Posted Occupations
Heavy and Tractor-Trailer
Truck Drivers
Retail Salespersons
Registered Nurses

Top Companies Posting
United Technologies Corporation
Uber Technologies, Inc.
Hartford Healthcare Corporation

April 2020
79,018
unique job postings
in Connecticut.
% Change from April 2019
-26.4%

Top Posted Occupations
Heavy and Tractor-Trailer
Truck Drivers
Registered Nurses
Retail Salespersons

Top Companies Posting
Hartford Healthcare Corporation
Yale New Haven Health System
The Home Depot

June 2020
80,413
unique job postings
in Connecticut.
% Change from April 2020
+1.7%

Top Posted Occupations
Heavy and Tractor-Trailer
Truck Drivers
Registered Nurses
Retail Salespersons

Top Companies Posting
Hartford Healthcare Corporation
Yale New Haven Health System
CVS Health Corporation

MONTHLY JOB POSTINGS TREND IN CONNECTICUT
September 2016-Present

SOURCE: Emsi, Job Posting Analytics
JOB POSTINGS IN HEALTHCARE-RELATED OCCUPATIONS

April 2019
12,091 unique job postings in Connecticut.
% Change from April 2018
+4.8%

Top Posted Occupations
Registered Nurses
Nurse Practitioners
Nursing Assistants

April 2020
12,732 unique job postings in Connecticut.
% Change from April 2019
+5.3%

Top Posted Occupations
Registered Nurses
Nursing Assistants
Pharmacy Technicians

June 2020
13,525 unique job postings in Connecticut.
% Change from April 2020
+6.2%

Top Posted Occupations
Registered Nurses
Nursing Assistants
Family/General Practitioners

HEALTHCARE-RELATED MONTHLY JOB POSTINGS TREND IN CONNECTICUT
September 2016-Present

SOURCE: Emsi, Job Posting Analytics
ALL JOB POSTINGS

**April 2019**
57,080 unique job postings in Maine.

% Change from April 2018
+20.1%

**April 2020**
42,274 unique job postings in Maine.

% Change from April 2019
-25.9%

**June 2020**
38,942 unique job postings in Maine.

% Change from April 2020
-7.9%

**Top Posted Occupations**
- Heavy and Tractor-Trailer Truck Drivers
- Registered Nurses
- Retail Salespersons
- First-Line Supervisors of Retail Sales Workers

**Top Companies Posting**
- Northern Light Health
- Hartt Transportation Systems, Inc.
- C.R. England, Inc.
- Mainehealth
- The Home Depot
- New England Ad Center

**MONTHLY JOB POSTINGS TREND IN MAINE**
September 2016-Present

SOURCE: Emsi, Job Posting Analytics
JOB POSTINGS IN HEALTHCARE-RELATED OCCUPATIONS

April 2019
8,625 unique job postings in Maine.
% Change from April 2018
+27.8%

Top Posted Occupations
Registered Nurses
Nursing Assistants
Physical Therapists

April 2020
7,545 unique job postings in Maine.
% Change from April 2019
-12.5%

Top Posted Occupations
Registered Nurses
Nursing Assistants
Physicians and Surgeons

June 2020
7,630 unique job postings in Maine.
% Change from April 2020
+1.1%

Top Posted Occupations
Registered Nurses
Nursing Assistants
Physicians and Surgeons

HEALTHCARE-RELATED MONTHLY JOB POSTINGS TREND IN MAINE
September 2016-Present

SOURCE: Emsi, Job Posting Analytics
**ALL JOB POSTINGS**

**April 2019**

276,904 unique job postings in Massachusetts.

% Change from April 2018: +12.4%

**April 2020**

219,031 unique job postings in Massachusetts.

% Change from April 2019: -20.9%

**June 2020**

224,977 unique job postings in Massachusetts.

% Change from April 2020: +2.7%

**Top Posted Occupations**

- Heavy and Tractor-Trailer Truck Drivers
- Software Developers, Applications
- Retail Salespersons

**Top Companies Posting**

- Oracle Corporation
- Uber Technologies, Inc.
- Partners Healthcare System, Inc.

**Top Posted Occupations**

- Registered Nurses
- Software Developers, Applications
- Heavy and Tractor-Trailer Truck Drivers

**Top Companies Posting**

- Amazon.com, Inc.
- Oracle Corporation
- CVS Health Corporation

**Top Posted Occupations**

- Registered Nurses
- Software Developers, Applications
- Heavy and Tractor-Trailer Truck Drivers

**Top Companies Posting**

- Amazon.com, Inc.
- Partners Healthcare System, Inc.
- CVS Health Corporation

**MONTHLY JOB POSTINGS TREND IN MASSACHUSETTS**

September 2016-Present

**SOURCE:** Emsi, Job Posting Analytics

**April 2019**
26,630 unique job postings in Massachusetts.
% Change from April 2018: +24.9%

**Top Posted Occupations**
- Registered Nurses
- Nursing Assistants
- Medical Assistants

**April 2020**
28,130 unique job postings in Massachusetts.
% Change from April 2019: +5.6%

**Top Posted Occupations**
- Registered Nurses
- Nursing Assistants
- Licensed Practical and Licensed Vocational Nurses

**June 2020**
31,967 unique job postings in Massachusetts.
% Change from April 2020: +13.6%

**Top Posted Occupations**
- Registered Nurses
- Nursing Assistants
- Licensed Practical and Licensed Vocational Nurses

HEALTHCARE-RELATED MONTHLY JOB POSTINGS TREND IN MASSACHUSETTS
September 2016-Present

![Graph showing the trend of job postings from September 2016 to present.]

SOURCE: Emsi, Job Posting Analytics
Month: April 2019
- 59,464 unique job postings in New Hampshire.
- % Change from April 2018: +18.1%

Month: April 2020
- 44,727 unique job postings in New Hampshire.
- % Change from April 2019: -24.8%

Month: June 2020
- 44,736 unique job postings in New Hampshire.
- % Change from April 2020: +0.02%

Top Posted Occupations:
- April 2019: Heavy and Tractor-Trailer Truck Drivers, Retail Salespersons, First-Line Supervisors of Retail Sales Workers
- April 2020: Heavy and Tractor-Trailer Truck Drivers, Registered Nurses, Retail Salespersons
- June 2020: Heavy and Tractor-Trailer Truck Drivers, Registered Nurses, Retail Salespersons

Top Companies Posting:
- CRST International, Inc.
- BAE SYSTEMS PLC
- Dartmouth Hitchcock
- BAE SYSTEMS PLC
- The Home Depot

Source: Emsi, Job Posting Analytics
### Job Postings in Healthcare-Related Occupations

<table>
<thead>
<tr>
<th>Month</th>
<th>Job Postings</th>
<th>% Change from Previous Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 2019</td>
<td>7,808</td>
<td>+44.9%</td>
</tr>
<tr>
<td>April 2020</td>
<td>7,351</td>
<td>-5.9%</td>
</tr>
<tr>
<td>June 2020</td>
<td>7,628</td>
<td>+3.8%</td>
</tr>
</tbody>
</table>

#### Top Posted Occupations
- Registered Nurses
- Licensed Practical and Licensed Vocational Nurses
- Nursing Assistants

#### Healthcare-Related Monthly Job Postings Trend in New Hampshire

<table>
<thead>
<tr>
<th>Month</th>
<th>Job Postings</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 2016</td>
<td>15K</td>
<td></td>
</tr>
<tr>
<td>September 2017</td>
<td>20K</td>
<td>+30%</td>
</tr>
<tr>
<td>September 2018</td>
<td>25K</td>
<td>-10%</td>
</tr>
<tr>
<td>September 2019</td>
<td>22K</td>
<td>-12%</td>
</tr>
</tbody>
</table>

**Source:** Emsi, Job Posting Analytics
April 2019
40,284
unique job postings
in Rhode Island.
% Change from April 2018
-2.8%

April 2020
28,320
unique job postings
in Rhode Island.
% Change from April 2019
-29.7%

June 2020
26,346
unique job postings
in Rhode Island.
% Change from April 2020
-6.9%

Top Posted Occupations
Heavy and Tractor-Trailer Truck Drivers
Retail Salespersons
First-Line Supervisors of Retail Sales Workers

Top Companies Posting
Oracle Corporation
CVS Health Corporation
Uber Technologies, Inc.

Top Posted Occupations
Heavy and Tractor-Trailer Truck Drivers
Registered Nurses
Retail Salespersons

Top Companies Posting
CVS Health Corporation
Oracle Corporation
Lifespan Corporation

Top Posted Occupations
Heavy and Tractor-Trailer Truck Drivers
Registered Nurses
Software Developers

Top Companies Posting
CVS Health Corporation
Oracle Corporation
Amazon.com, Inc.

MONTHLY JOB POSTINGS TREND IN RHODE ISLAND
September 2016-Present

SOURCE: Emsi, Job Posting Analytics
### JOB POSTINGS IN HEALTHCARE-RELATED OCCUPATIONS

<table>
<thead>
<tr>
<th>Month</th>
<th>Total Job Postings</th>
<th>% Change from Previous Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 2019</td>
<td>3,760</td>
<td>+14%</td>
</tr>
<tr>
<td>April 2020</td>
<td>3,821</td>
<td>+1.6%</td>
</tr>
<tr>
<td>June 2020</td>
<td>3,819</td>
<td>-0.1%</td>
</tr>
</tbody>
</table>

#### Top Posted Occupations
- Registered Nurses
- Nursing Assistants
- Pharmacy Technicians

---

### HEALTHCARE-RELATED MONTHLY JOB POSTINGS TREND IN RHODE ISLAND

**September 2016-Present**

![Graph showing job postings trend](image)

SOURCE: Emsi, Job Posting Analytics
MONTHLY JOB POSTINGS TREND IN VERMONT
September 2016-Present

**ALL JOB POSTINGS**

**April 2019**
34,520 unique job postings in Vermont.
% Change from April 2018: +8.5%

**April 2020**
22,939 unique job postings in Vermont.
% Change from April 2019: -33.5%

**June 2020**
23,487 unique job postings in Vermont.
% Change from April 2020: +2.4%

**Top Posted Occupations**
- Heavy and Tractor-Trailer Truck Drivers
- Registered Nurses
- First-Line Supervisors of Retail Sales Workers

**Top Companies Posting**
- Oracle Corporation
- Uber Technologies, Inc.
- Hartt Transportation Systems, Inc.
- Army National Guard
- U.S. Xpress, Inc.
- Oracle Corporation
- Vermont Agency of Human Services

**SOURCE:** Emsi, Job Posting Analytics
HEALTHCARE-RELATED MONTHLY JOB POSTINGS TREND IN VERMONT
September 2016-Present

SOURCE: Emsi, Job Posting Analytics

April 2019
3,836 unique job postings in Vermont.
% Change from April 2018
+36.6%
Top Posted Occupations
Registered Nurses
Speech Language Pathologists
Physicians

April 2020
3,594 unique job postings in Vermont.
% Change from April 2019
-6.3%
Top Posted Occupations
Registered Nurses
Licensed Practical and Licensed Vocational Nurses
Nursing Assistants
Physicians

June 2020
3,967 unique job postings in Vermont.
% Change from April 2020
+2.9%
Top Posted Occupations
Registered Nurses
Licensed Practical and Licensed Vocational Nurses
Physicians and Surgeons

Definitions:
Unique Job Postings: The number of deduplicated job vacancy advertisements scraped from over 100,000 websites. Deduplication is the process of identifying duplicate job postings and only counting one of the duplicates. The unique posting count is the count of postings after the deduplication process has taken place. The total posting count is the count of postings before deduplication. For example, if a user runs a report that returns 12 total job postings and 2 unique job postings, this means that the 12 postings contained 10 duplicates and only 2 unique job advertisements.

Occupation: These data count the number of jobs according to the type of work performed, instead of by industry. An industry describes a type of economic activity that goes on at a particular establishment, while an occupation describes the type of job that a single worker might hold. Examples of occupations are software engineers, registered nurses, fast food cooks, surgeons, janitors, retail cashiers, and accountants. These types of positions are needed by establishments classified in many different industries; for example—manufacturing facilities, hospitals, corporate offices, and restaurants are all types of establishments that employ janitors or bookkeepers.

Emsi occupation data is organized by “Standard Occupational Classification 2000” (SOC) codes, with a few differences. The first two digits divide occupations into 23 major groups, such as “11-0000: Management Occupations”; the third digit divides them into 96 minor groups, such as “11-3000: Operations Specialties Managers”; and the fourth digit divides them into 449 broad occupations, which are further divided by the fifth and sixth digits into a total of 821 detailed occupations. For more information, see www.bls.gov/soc/.

Methodology of Selection of Healthcare-related Occupations: These occupations were selected according to Emsi’s method of organizing its occupation data by SOC codes (see definitions above). The healthcare occupations counted were those that belong to two major groups: 29-0000 (Healthcare Practitioners and Technical Occupations) and 31-0000 (Healthcare Support Occupations).

Job Postings Data Source: Emsi’s job posting analytics are sourced from job advertisements made by employers—i.e., real-time labor market data. The information is scraped from the web, aggregated, and restructured into a single dataset. They scrape tens of thousands of sites to compile their job posting data. On a given month, this consists of scraping between 6-8 million unique active postings from more than 90,000 companies.