CITY OF LOWELL, MASSACHUSETTS

BOARD OF HEALTH

AGENDA: Board of Health JANUARY 8,2020 at 6:00 P.M. in the Mayor's Reception Room, 375 Merrimack St., 2nd floor, Lowell, MA 01852.

DECEMBER 20, 2019

Michael Geary, City Clerk 375 Merrimack Street Lowell, Massachusetts 01852

Dear Mr. Geary: In accordance with Chapter 303 of the Acts of 1975 you are hereby notified that a meeting of the Lowell Board of Health will be held on Wednesday, JANUARY 8, 2020 @ 6:00 P.M. in the Mayor's Reception Room, 375 Merrimack St., 2nd floor, Lowell, MA 01852.

AGENDA:

1. New Business

1.I. Election: Election Of An Acting Chair Of The Lowell Board Of Health
Vote: To Elect an Acting Chair of the Lowell Board of Health

1.II. For Acceptance: Minutes Of The December 11, 2019 Meeting Of The Board Of Health.
Motion: To accept the minutes of the December 11, 2019 meeting of the Board of Health.

Documents:

BOH MINUTES - DRAFT DECEMBER 11, 2019.PDF

1.III. For Review: Tobacco Control Monthly Report Submitted By Cesar Pungirum, Program Director.

Documents:

TOBACCO CONTROL MONTHLY REPORT_DEC2019.PDF

1.IV. Monthly Development Services Report Submitted By Senior Sanitary Code Inspector Shawn Machado.

Documents:

DEVELOPMENT SERVICES FOOD INSPECTION REPORT 1-8-20.PDF
DEVELOPMENT SERVICES -FAILED FOOD INSPECTION REPORT.PDF

DEVELOPMENT SERVICES - BODY ART INSPECTIONS DECEMBER 2019.PDF

1.V. Discussion: Body Art - Jeff Riel Apprentice License

Discussion regarding Jeffrey Riel's Apprentice LIcense and lack required of documentation as required by the Body Art Regulations

Motion: To revoke/suspend the Body Art Apprentice License issued to Jeffrey Riel on May 8, 2019.

Documents:

JEFFREY RIEL MISSING DOCUMENTATION.PDF

1.VI. For Review: Trinity EMS Inc. Reports

Review of Trinity EMS, Inc. Monthly Opioid Report submitted by Jon Kelley.

Documents:

TRINITY EMS OVERDOSE REPORT NOVEMBER 2019.PDF
TRINITY EMS OPIOID RELATED ILLNESS CALLS IN LOWELL MA 2019 - HANDOUT.PDF

2. Old Business

2.I. Update: Service Zone Plan.

Pending Availability: Update on Service Zone Plan.

3. Director's Report

3.I. Update: Divisional And Departmental Updates

Documents:

COMMUNITY HEALTH DIVISION REPORT 1.8.20.PDF
PUBLIC HEALTH DIVISION REPORT - NOVEMBER 2019 1.8.20.PDF
SCHOOL HEALTH DIVISION NOV 2019 BOH REPORT.PDF
SUBSTANCE ABUSE AND PREVENTION DIVISION BOH REPORT 01-08-2020.PDF

4. Motion: To Adjourn.

THE NEXT MEETING OF THE BOARD OF HEALTH WILL BE ON FEBRUARY 5, 2020
AT 6:00 PM IN THE MAYOR'S RECEPTION ROOM.

CITY OF LOWELL, MASSACHUSETTS

BOARD OF HEALTH

December 11, 2019

A meeting of the Lowell Board of Health was held on Wednesday, December 11, 2019 in the Mayor's Reception Room, City Hall, 375 Merrimack St., Lowell, MA 01852. Chairwoman Jo-Ann Keegan called the meeting to order at 6:03 P.M.

Present:
Jo-Ann Keegan, Chairperson
John Donovan, Board Member
William Galvin, Board Member
Lisa Golden, Board Member
Kathleen Cullen-Lutter, Board Member
Cesar Pungirum, Tobacco Control Director
Shawn Machado, Sr. Sanitary Code Inspector

12/11/2019 - Minutes

1. NEW BUSINESS

1.I. For Acceptance: Minutes Of The November 6, 2019 Meeting Of The Board Of Health.
Motion: To accept the minutes of the November 6, 2019 meeting of the Board of Health made by William Galvin, seconded by Kathleen Cullen-Lutter. All in favor.

1.II. For Review: Tobacco Control Monthly Report Submitted By Cesar Pungirum, Program Director.
Mr. Cesar Pungirum, Tobacco Control Director, reviewed the report with the Board. Mr. Pungirum informed the Board that the Massachusetts ban on vaping products ceased today. A new law regarding vaping products was passed into law. Mr. Pungirum will be attending a webinar to learn more about the new law and suggested tabling the current discussion regarding the change of the Board of Health Tobacco Regulations previously discussed by the Board until he has more information to present to them.

Motion: To table discussions on the Board of Health Tobacco Regulations revisions until more information is available made by William Galvin, seconded by John Donovan. All in favor.

1.III. Monthly Development Services Report Submitted By Senior Sanitary Code Inspector Shawn Machado.
Mr. Shawn Machado, Sr. Sanitary Code Inspector, reviewed the report with the Board. Mr. Machado noted that complaints about rodents in the schools are down and he will be following up on the Lincoln School sprayer hose.

1.IV. Body Art Establishment and Practitioner Renewals For 2020
Motion: To approve the Body Art Facilities 2020 licenses made by Lisa Golden, seconded by Kathleen Cullen-Lutter. All in favor.

Motion: To approve the Body Art Practitioner 2020 license with the exception of Chamroeun Yan made by Lisa Golden, seconded by William Galvin. All in favor.

DRAFT

Motion: To approve the Body Art Practitioner 2020 license for Chamroeun Yan if the application and payment is received by December 31, 2019 if the application is not received by the stated date, Mr. Yan will have to restart the application process for further licensing made by William Galvin, seconded by John Donovan. All in favor. .

1.V. For Review: Trinity EMS Inc. Reports
The Board reviewed and placed on file.

Motion: To request Health & Human Services Director Kerran Vigroux to obtain a copy of the CDC HIV report for the Board's review made by William Galvin, seconded by Lisa Golden. All in favor.

1.VI. Communication: Central Massachusetts Mosquito Control Program 2020 Meeting Schedule
The Board accepted and placed on file.

2. OLD BUSINESS

2.I. For Review: 2020 Board Of Health Meeting Schedule
The Board accepted and placed on file.

2.II. Update: Service Zone Plan.
The Board requested a report on the status of the Service Zone Plan for the January 8, 2020 meeting.

3. DIRECTOR'S REPORT

3.I. Update: Divisional and Departmental Updates.
The Board accepted the reports and placed on file.

The Board requested that the Air Quality Control report for the December 2019 re-inspection be placed on the agenda for the January 8, 2020 meeting.

4. Motion: To Adjourn.
Motion: To adjourn at 6:45 PM made by john Donovan, seconded by William Galvin. All in favor.

THE NEXT MEETING OF THE LOWELL BOARD OF HEALTH WILL BE HELD ON JANUARY 8, 2020 AT 6:00 PM IN THE MAYOR'S RECEPTION ROOM.

DRAFT

Lowell Tobacco Control Monthly Report
December/2019

Prepared by: Cesar Pungirum, M.M., J.D.
Program Director

Lowell

Inspections

I've conducted 21 routine inspections so far this month. During these inspections All retailers inspected were in compliance with the new state law restricting the sale of vaping products.

Pricing Surveys

Eleven pricing surveys conducted this month, so far.

Compliance Checks

I've conducted 28 compliance checks on cigarettes in Lowell with a 16-year-old youth. No sales.

Permit Renewal Process

As of December 19th, I've processed 111 tobacco permit renewal applications out of 116 total number of retailers. One hundred and nine permits have been issued and mailed. The remaining 2 applications are pending the payment of taxes owed to the city.

Governor Signed New Law: An Act Modernizing Tobacco Control

On 11/27/19 Governor Baker signed the above bill into law, which among other things, prohibits the sale of all flavored tobacco and vaping products, including menthol cigarettes, except at "smoking bars". Portions of the law that applies to vaping products went into effect immediately. The restrictions on the sale of other flavored tobacco products will go into effect on June 1, 2020. Violations of the new law are subject to fines ranging from $1,000 to $5,000. *See attached article*

Emergency Ban on the Sale of Vaping Products Lifted

The temporary ban that had been in effect since September was lifted on December 11th. On the same day, the Massachusetts Public Health Council promulgated new regulations to help enforce the new state law. The regulations give Boards of Health the authority to enforce the provisions of the new state law without the need to adopt local regulations containing similar provisions. *See attached article*

HOURLY NEWS
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LAW

Massachusetts Governor Signs Law Severely Restricting Flavored Tobacco, Vape Products

November 27, 2019 · 3:32 PM ET

VANESSA ROMO

The newly signed law is set to take effect on June 1, 2020. A temporary blanket ban on all vaping products will remain in place until Dec. 11.

Steven Senne/AP

Massachusetts Gov. Charlie Baker on Wednesday signed sweeping legislation to restrict the sale of flavored tobacco and vaping products, making his state the first to enact such stringent controls.

The new law, which is set to take effect on June 1, 2020, is not a blanket ban. Instead, it limits the sale of flavored nicotine vaping products, including menthol, "to licensed smoking bars where they may only be smoked on-site." The same restrictions apply to all other flavored tobacco products, including menthol cigarettes and flavored chewing tobacco.

Baker did not offer details on how the state intends to enforce the law.

The legislation, titled An Act Modernizing Tobacco Control, also imposes a 75% excise tax on e-cigarettes — meant to reduce their appeal to young people by making the products too expensive for minors.

"It's pretty clear there isn't going to be a federal policy on this anytime soon," Baker said at the signing. "So in the absence of that, we had to act."

Baker declared a public health emergency in September and issued a four-month ban on all vaping products, following mysterious lung illnesses and deaths nationwide that were linked to vaping. The temporary blanket ban was set to expire in late January, but on Wednesday, the governor said it will end on Dec. 11.

Article continues below

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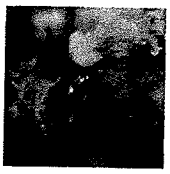
"In light of the growing health crisis associated with e-cigarettes and vaping, our administration implemented a temporary ban on the sale of e-cigarette and vaping products to provide time for legislative and regulatory bodies to better understand what's making people sick and act to protect the health of Massachusetts residents," Baker said in a statement emailed to NPR.

BUSINESS

How Vaping Snuck Up On Regulators

He went on to add that the temporary ban will remain in place "as the Department of Public Health develops permanent regulations that will ensure risks are known to consumers, clarify what interventions DPH can take to address clear risks identified by the developing science, and ensure sellers are not skirting the new law and selling to kids."

The Centers for Disease Control and Prevention says 47 people have died from unknown lung disease related to e-cigarettes as of Nov. 20. Since then, nearly 2,300 cases of lung injury associated with the use of e-cigarette or vaping products have been reported to the CDC in 49 states, the District of Columbia, as well as Puerto Rico and U.S. Virgin Islands. The only state that hasn't yet reported any illnesses is Alaska.



SHOTS - HEALTH NEWS

Vitamin E Suspected In Serious Lung Problems Among People Who Vaped Cannabis

Researchers have identified a vitamin E compound often used as an additive to THC, the psychoactive ingredient in marijuana, as a possible cause of the lung injuries. While vitamin E is a common dietary supplement and is also found in lotions, it can be extremely harmful when it's vaped in high concentrations, New York Health Commissioner Howard Zucker recently told NPR.

It ultimately causes an inflammatory process in the lung, Zucker said. "The body is trying to fight off a foreign substance deep in the lung," he added.

Vaping businesses in Massachusetts have been protesting the temporary ban and the threat of looming restrictions since they were first proposed.

"The people that were applauding the governor the loudest were the criminals and gangs that already operated in the states illegal black market," Jon Shaer, executive director of the New England Convenience Store & Energy Marketers Association, told NPR.

The industry group campaigned for months to stop the inclusion of menthol and mint tobacco products in the newly signed legislation, arguing it will have detrimental effects on public safety because consumers will be pushed out of the regulated market and turn to illicit sellers. Shaer also said the new law will have a disproportionate impact on communities of color because they consume more menthol and mint products than any other demographic.

Meanwhile, anti-smoking advocacy groups welcomed the Massachusetts law.

"Absent strong action from the federal government, we urge states and localities to follow Massachusetts' lead," Harold Wimmer, national president and CEO of the American Lung Association, said in a statement.

Wimmer also praised parts of the law requiring retailers to contribute to tobacco cessation and prevention programs."This law is a major win for the residents of Massachusetts and will positively impact statewide tobacco use rates, tobacco related death and disease, and tobacco related health costs."

He added: "Clearing the market of all flavored tobacco products is critical to addressing the youth e-cigarette epidemic."

HEALTH

Trump Administration's Efforts To Ban Most Flavored Vaping Products Have Stalled Out

LISTEN · 3:28 PLAYLIST Download

Transcript

In September, President Trump indicated support for a national ban on flavored vapes because those products are known to attract teens to vaping but he later moved away from that position. Last week, he hosted a "listening session" on e-cigarette use by minors that included representatives from the vaping and tobacco industries as well as public health advocates.

Trump expressed skepticism at the meeting that such a ban is the right move, noting how Prohibition spurred a black market for alcohol. He suggested the administration might instead raise the legal age to buy e-cigarettes to 21 from 18.

flavored tobacco vape ban vaping illness vaping e-cigarettes massachusetts

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NEWS

Gov. Charlie Baker's controversial vape ban officially lifted for nicotine

Pot vapes still off limits

FILE – In this Friday, Oct. 4, 2019 file photo, a woman using an electronic cigarette exhales a puff of smoke in Mayfield Heights, Ohio. Massachusetts lawmakers have approved the nation's toughest restrictions on flavored tobacco and vaping products, including menthol cigarettes. The ban was passed by the Senate early Thursday, Nov. 21, before the legislature broke for a holiday recess. It had earlier been passed by the state House of Representatives. (AP Photo/Tony Dejak)

By **ALEXI COHAN** | alexi.cohan@bostonherald.com | Boston Herald

PUBLISHED: December 11, 2019 at 1:35 pm | UPDATED: December 11, 2019 at 3:24

Gov. Charlie Baker's controversial vape ban that was prompted by mysterious vaping-related lung illness was lifted Wednesday after a vote from the Public Health Council.

The sale of all unflavored nicotine vapes can continue at Massachusetts retailers as long as they stick to some strict new regulations, but flavored tobacco products have been banned in the Bay State since Baker signed An Act Modernizing Tobacco Control last month.

Critics said in banning all vapes by emergency executive order Sept. 25, Baker acted without any scientific health data. Subsequent studies by the Centers for Disease Control have found most vaping injury and death appear to be linked to oils associated with marijuana vapes. In Massachusetts, vape business owners said they were put out of business arbitrarily, forced to close their doors and losing income.

In Massachusetts, there have been three deaths associated with vaping. Nationwide, dozens have died and thousands have been sickened.

The Public Health Council voted unanimously to lift the ban on nicotine vape products and to implement regulations from a new tobacco control law.

The sale of marijuana vapes is still halted due to a Cannabis Control Commission quarantine on the products. Medical marijuana card holders can still access flower vapes.

The new tobacco regulations require vape shops to post warnings about the dangers of vaping and place vaping products behind the counter.

"What the regulations do is allow a regulatory and legal framework to limit the access to these products, put in place warnings and signages so people can understand their risk and, importantly, limit access for youth and young people," said DPH Commissioner Dr. Monica Bharel.

The regulations also prohibit the sale of out-of-package tobacco or vaping cartridge refills and require that all vaping liquid containing nicotine be packaged in child-resistant packaging.

Herald wire services contributed to this report.

Establishment	#	Street	Prior Inspection	Inspector 2	Last Inspection	Inspector-1
Rte. 110 Mart	137	Andover St.	14-Jun-19	Lisa	13-Dec-19	Lisa
Vinaan Café	12	Cardinal O'Connell Pkwy	20-Jun-19	Aurea	13-Dec-19	Aurea
Tremonte Pizzeria *	44	Palmer St.	26-Aug-19	Adam	13-Dec-19	Adam
Lemon and Thyme	491	Dutton St	26-Jun-19	Aurea	12-Dec-19	Aurea
Showcase Cinema	32	Reiss Ave	18-Jun-19	Aurea	12-Dec-19	Aurea
Outback Steakhouse	28	Reiss Ave.	18-Jun-19	Aurea	12-Dec-19	Aurea
The Grip Program	319	Wilder St.	24-Jun-19	Adam	12-Dec-19	Adam
Vicki's Coffee Shop	513	Broadway St.	27-Jun-19	Adam	11-Dec-19	Adam
Parker St. Variety	322	Parker St.	11-Jun-19	Aurea	11-Dec-19	Aurea
Rancho Tipico	11	Salem St.	20-May-19	Adam	11-Dec-19	Aurea
Windsor Shoppe	583	Westford St.	11-Jun-19	Aurea	11-Dec-19	Aurea
Sugar and Ice	16	Branch St.	14-Jun-19	Shawn New	10-Dec-19	Aurea
Siagon Sandwich House	507	Dutton St	05-Jun-19	Aurea	10-Dec-19	Aurea
Lowe's	50	Lowe's Way	19-Jun-19	Adam	10-Dec-19	Adam
Blue Shamrock Pub	105	Market St.	16-May-19	Jimmy	10-Dec-19	Jimmy
Aramark Fox Hall	100	Pawtucket St.	26-Sep-19	Jimmy	10-Dec-19	Jimmy
Chili's Grill & Bar	26	Reiss Ave.	04-Jun-19	Adam	10-Dec-19	Adam
Aramark Southwick Food Court	1	University Ave	23-Sep-19	Jimmy	10-Dec-19	Jimmy
Olympos Bakery	216	Broadway St.	03-Jun-19	Aurea	09-Dec-19	Aurea
China Star *	369	Broadway St.	19-Jun-19	Aurea	09-Dec-19	Aurea
I.S.S.O.	1705	Middlesex St.	20-May-19	Aurea	05-Dec-19	Aurea
P & D Mart	1717	Middlesex St.	03-Jun-19	Aurea	05-Dec-19	Aurea
Udupi Bhavan	1717	Middlesex St.	05-Jun-19	Aurea	05-Dec-19	Aurea
American & Hispanic Market	279	Chelmsford St.	14-Jun-19	Aurea	04-Dec-19	Aurea
Wah Sang	457	Chelmsford St.	04-Jun-19	Aurea	04-Dec-19	Aurea
All Town	980	Chelmsford St.	01-May-19	Aurea	04-Dec-19	Aurea
Dunkin Donuts	980	Chelmsford St.	01-May-19	Aurea	04-Dec-19	Aurea
Family Dollar	21	Nothingham St	16-May-19	Aurea	04-Dec-19	Auera
New World Gas	710	Lakeview Ave.	21-May-19	Jimmy	27-Nov-19	Jimmy
Godwin African Market	134	Merrimack St.	29-May-19	Adam	27-Nov-19	Adam
Centerville Social Club	364	W Sixth St.	28-May-19	Jimmy	27-Nov-19	Jimmy
Arara Market	6	Branch St.	15-May-19	Aurea	26-Nov-19	Aurea
Palin Restaurant	6	Branch St.	15-May-19	Aurea	26-Nov-19	Aurea
African Central Market	63	Fletcher St.	28-Jun-19	Adam	26-Nov-19	Jimmy
LePetit Club	660	Middlesex St.	06-May-19	Aurea	26-Nov-19	Aurea
Jade East International	1126	Middlesex St.	30-May-19	Jimmy	26-Nov-19	Jimmy
Paradise Biryani Pointe	1689	Middlesex St.	06-May-19	Aurea	26-Nov-19	Aurea
Kentucky Fried Chicken	1720	Middlesex St.	02-May-19	Aurea	26-Nov-19	Aurea
Five Below	203	Plain St.	01-May-19	Aurea	26-Nov-19	Aurea
Chuck E. Cheese	209	Plain St.	27-May-19	Aurea	26-Nov-19	Aurea
Marshall's	211	Plain St.	28-May-19	Aurea	26-Nov-19	Aurea
Mambu	199	Plain St., #8	01-May-19	Aurea	26-Nov-19	Aurea
Broadway Pizza & Seafood	651	Broadway St.	06-May-19	Aurea	25-Nov-19	Aurea
Pub Ram @ Charlies's LLC	14	Cabot St.	08-May-19	Aurea	25-Nov-19	Aurea
C.V.S. #1056-	1815	Middlesex St.	30-May-19	Jimmy	25-Nov-19	Jimmy
Prathna, Inc.	408	Suffolk St.	23-May-19	Aurea	25-Nov-19	Aurea

Neak Pich	301	Westford St	16-May-19	Aurea	25-Nov-19	Aurea

Failed Food Establishments

Meeting 1-8-20

Gary's Tipico – 26 Andover St 12/4/19

Front windows damaged (one cracked and one removed and replaced with plywood) / Repair both within ten days.

Function room men's room has a large AC unit draining in the sink / Remove from sink within ten days.

Ceiling tiles in dry-storage stained and damaged / Replace within ten days.

Cover of furnace in attic missing / repair within twenty-four hours

Reinspection: 12/17/19

Last three inspections: All passed

P and D Mart – 1717 Middlesex St 11/20/19

Expired food on shelves / remove immediately

Fire extinguisher out of date / Get serviced within ten days.

Refrigerator unclean and disorganized / Clean and organize immediately

Ice machine is dirty / Clean immediately

Kitchen filled with clutter / declutter within ten days.

Reinspection:12/5/19 Compliance

Last three inspections: All passed

Lemon and Thyme – 491 Dutton St 12/10/19

Fire extinguisher out of date / must get serviced

Ice machine is dirty / clean immediately

Reinspection: 12/12/19 Compliance

Last three inspections: All passed

NOVEMBER 2019 BODY ART AND PIERCING INSPECTIONS FOR DECEMBER 11, 2019 BOH MEETING			
NAME OF BUSINESS	**DATE INSPECTED**	**STATUS**	**INSPECTED BY**
Professional Body Piercing 147 Central Street, Lowell	**12/13/19**	**PASSED**	**Don Murphy**
Lowell Ink 161 Worthen Street, Lowell	**12/17/19**	**PASSED**	**Don Murphy**
Tierney's Body Art 12 Concord Street, Lowell	**12/17/19**	**PASSED**	**Don Murphy**
Blaq Sheep Tattoos 564 Dutton Street 2nd Fl, Lowell	**12/17/19**	**PASSED**	**Don Murphy**
Lupo Ink 1527 Middlesex St. #8, Lowell	**12/17/19**	**PASSED**	**Don Murphy**

Jeffrey Riel Missing Documentation

1. Proof of third Hep B vaccination.
2. Up to date identification: i.e. current driver's license/state identification.
3. Updated Blood Borne Pathogen's Certificate.
3. Submittal of monthly time logs and task sheets for the time period of May - November 2019.

TRINITY
EMERGENCY MEDICAL SERVICE

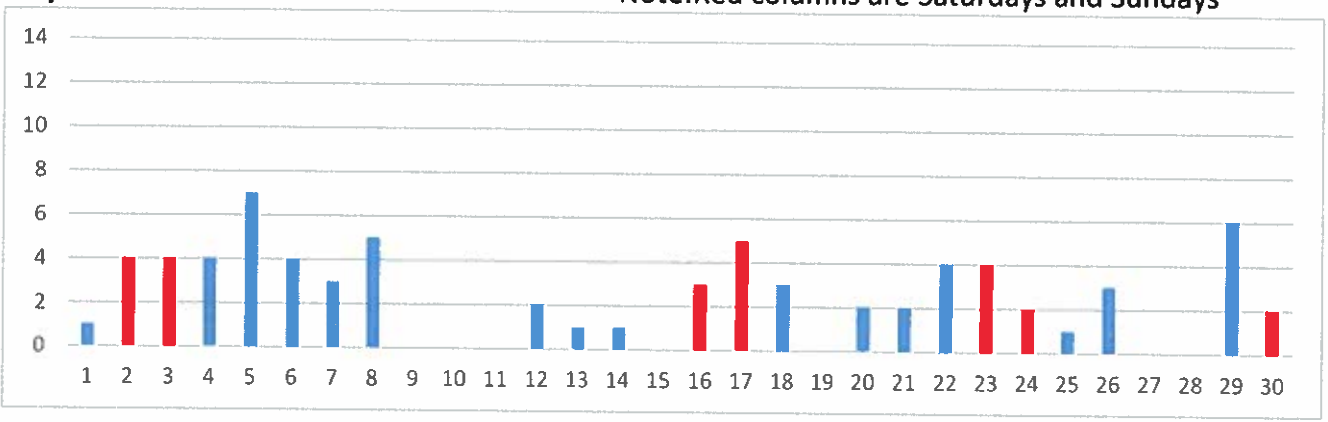
Overdose Report: **19-Nov** **Lowell, MA**

Overdoses: 73 or 2.4 per day

Day of the week:

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
Count	8	12	7	6	16	13	11	73
Average	2.0	3.0	1.8	1.5	3.2	2.6	2.8	

Day of the month: Note:Red columns are Saturdays and Sundays



Hour of the day:

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
3	3	2	2	3	0	3	1	1	1	1	2	7	3	5	6	1	4	4	4	5	3	7	2

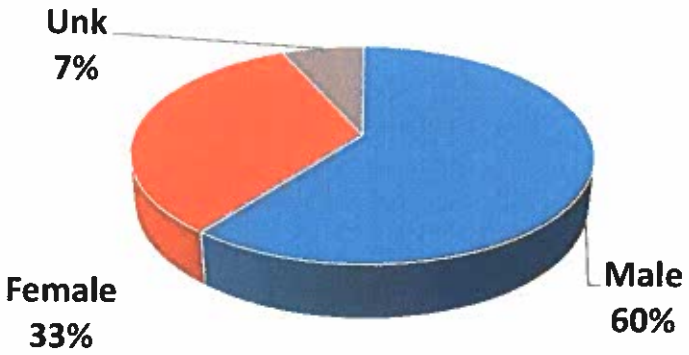
73

Section of the city:

Neighborhood	Count
Acre	9
Back Central	11
Belvidere	4
Centralville	19
Downtown	12
Highlands	7
Lower Belvidere	1
Lower Highlands	4
Pawtucketville	6
Sacred Heart	0
South Lowell	0
	73

Profile of patient

Sex	Count	Avg Age	Range
Female	24	36	11-74
Male	44	35	14-66



Age	#
12 and U	1
13-15	2
16-17	4
18-21	1
22	0
23	1
24	2
25	4
26	2
27	2
28	2
29	3
30	5
31	2
32	3
33	1
34	0
35	2
36	4
37	7
38	0
39	1
40	0
41	1
42	1
43	0
44	3
45	0
46	1
47	0
48	1
49	0
50	0
51-55	6
56-60	1
61-65	0
66-70	1
71 and up	2
Unk	7

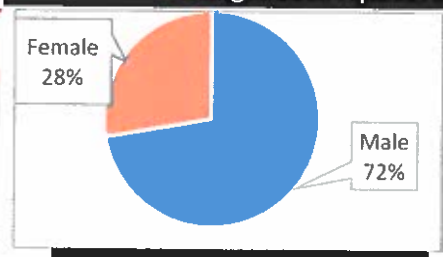
18-Nov	18-Dec	19-Jan	19-Feb	19-Mar	19-Apr	19-May	19-Jun	19-Jul	19-Aug	19-Sep	19-Oct	19-Nov
140	125	86	90	111	96	111	93	97	100	83	107	73
4.7	4.0	2.8	3.2	3.6	3.2	3.6	3.1	3.1	3.2	2.8	3.5	2.4

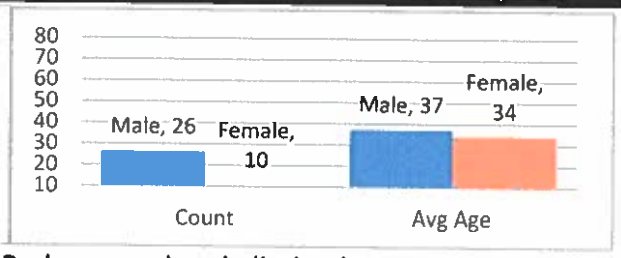
TRINITY EMERGENCY MEDICAL SERVICE

Categorized Opiate Report: Nov-19 Lowell, MA

Priority of patient

Priority 1	23
Priority 2	2
Priority 3	11

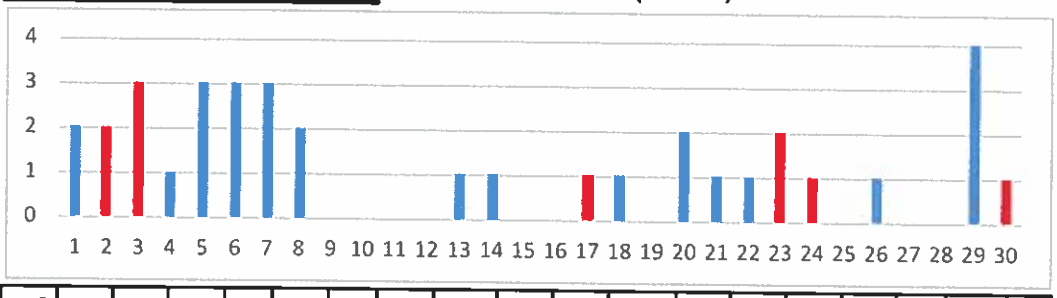




Age	
12 and U	0
13-15	0
16-17	0
18-21	0
22	0
23	1
24	1
25	1
26	2
27	1
28	2
29	1
30	3
31	1
32	3
33	1
34	0
35	2
36	3
37	4
38	0
39	1
40	0
41	0
42	1
43	0
44	3
45	0
46	0
47	0
48	1
49	0
50	0
51-55	4
56-60	0
61-65	0
66-70	0
Unk	0

Day of the week:	#	Avg
Mon	2	0.5
Tue	4	1.0
Wed	6	1.5
Thu	5	1.3
Fri	9	1.8
Sat	5	1.0
Sun	5	1.3

Day of the month: Red are weekends (below)



Hour of the day:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	1	3	0	1	1	0	2	0	0	1	0	2	2	3	2	2	0	2	3	4	2	1	3	1

Location of patient	#
Private Residence	19
Public Location- Inside	3
Public Location- Outside	14
Residential Institutuion	0

Narcan used by:			
Lowell FD	13	Lowell PD	6
Trinity ALS	1	Trinity BLS	1
LGH ALS	2	Other	5
Park Ranger	0		

Narcan doses	
1-2mg - 3	
4mg - 9	
6mg - 3	
8mg+ - 7	

Neighborhood: Acre - 6, Back Central - 6, Belvidere - 2, Centralville - 11, Downtown - 6, Lwr Highlands - 2, Pawtucketville - 2, Unknown - 1

Home town of pt: Derry - 1, Dracut - 2, Haverhill - 2, Hyannis - 1, Lawrence - 1, Lowell - 23, Southbridge - 1, Tewksbury - 1, Townsend - 1, Unknown - 3

Last 12 months All ORI calls

18-Nov	18-Dec	19-Jan	19-Feb	19-Mar	19-Apr	19-May	19-Jun	19-Jul	19-Aug	19-Sep	19-Oct	19-Nov
69	59	42	49	43	47	46	44	46	35	46	52	36
2.3	1.9	1.4	1.8	1.4	1.6	1.5	1.5	1.5	1.1	1.5	1.7	1.2

Last 12 months Priority 1 only

18-Nov	18-Dec	19-Jan	19-Feb	19-Mar	19-Apr	19-May	19-Jun	19-Jul	19-Aug	19-Sep	19-Oct	19-Nov
46	32	23	21	23	28	25	30	26	26	27	34	23
1.5	1.0	0.7	0.8	0.7	0.9	0.8	1.0	0.8	0.8	0.9	1.1	0.8

ORI - daily average

	Q1	Q2	Q3	Q4	Yr avg
2013	0.7	1.2	1.1	0.6	0.9
2014	0.8	1.4	1.6	1.4	1.3
2015	1.4	1.7	1.9	1.4	1.6
2016	1.7	1.6	2.0	2.3	1.9
2017	2.0	2.3	2.8	1.8	2.2
2018	2.1	2.0	2.6	2.2	2.2
2019	1.5	1.5	1.4	1.4	

Priority 1 only- daily average

	Q1	Q2	Q3	Q4	Yr avg
2013	0.3	0.4	0.5	0.2	0.3
2014	0.3	0.6	0.8	0.9	0.7
2015	0.8	0.7	0.9	0.8	0.8
2016	1.0	1.0	0.9	1.3	1.0
2017	1.2	1.4	1.6	1.0	1.3
2018	1.2	1.1	1.3	1.4	1.3
2019	0.7	0.9	0.9	0.9	

The following data is from Trinity EMS electronic Patient Care Reports. This data is from calls in all 13 communities Trinity provides service for. Only data from November 2019 opioid related calls are included

Trinity EMS Inc provides EMS services for the following communities in MA: Boxford, Chelmsford, Dunstable, Groveland, Haverhill, Lowell, and Dracut. In NH: Atkinson, Danville, Hampstead, Newton, Plaistow, and Sandown.

Only opiate overdoses that Trinity EMS inc responded to are included. If someone from one of the communities listed above overdosed in another community not listed, it will not be represented in this data set.

System wide, Trinity treated 56 patients with an opioid related issue in November 2019.

Row Labels	Count of Date
LOWELL	23
HAVERHILL	14
(blank)	4
DRACUT	2
LAWRENCE	2
SOUTHBRIDGE	1
DERRY	1
TOWNSEND	1
HYANNIS	1
PLAISTOW	1
BROCKTON	1
TEWKSBURY	1
CHELMSFORD	1
DUNSTABLE	1
METHUEN	1
NORTH BILLERICA	1
Grand Total	**56**

HANDOUT 1.8.19

Opioid Related Illness calls in Lowell MA 2019

Executive Summary: The City of Lowell MA saw **a 35.51% decrease** in Opioid Related Illness (ORI) on 911 calls when comparing 2019 (523 ORI) to 2018 (811 ORI). Lowell also saw a 31.21% decrease (455 in 2018, 313 in 2019) in patients that required Naloxone (Narcan) and breathing support to reverse a near fatal overdose.

2019 Data: There were 523 ORI 911 calls in Lowell, MA during 2019.

Severity of patient

- 313 Priority 1 patients
  - These patients required Narcan and breathing support to save them
- 97 Priority 2 patients
  - These patients all used an opioid and showed side effects of the drug but did not require Narcan
- 113 Priority 3 patients
  - These patients all used an opioid but did not show significant change in their medical status because of the usage

Location of the patients

- 220 (45%) of the ORI occurred in a public location outside (usually a park or sidewalk)
- 186 (38%) of the ORI occurred inside a private home
- 69 (14) of the ORI occurred inside a public location inside (coffee shop, restaurant, public building)
- 8 (2%) of the ORI occurred in a cell block
- 3 (1%) of the ORI occurred in a health care institute

	Acre	Back Central	Belvidere	Central -ville	Downtown	Highlands	Lwr Belv	Lwr Highlands	Pawtucket-ville	Sacred Heart	South Lowell
ORI	63	82	17	68	138	36	11	51	25	21	11
of Total	12%	16%	3%	13%	26%	7%	2%	10%	5%	4%	2%

When

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ORI	42	49	43	47	46	44	46	35	46	52	36	37
Of total	8%	9%	8%	9%	9%	9%	9%	7%	9%	10%	7%	7%

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
ORI	68	64	78	68	96	80	69
Of total	13%	12%	15%	13%	18%	15%	13%

Thursday, January 02, 2020

Hometowns

- **Lowell** **314** 60% of the ORI patients relayed that they lived in Lowell
- Non listed 48
- **Dracut** **20**
- **Billerica** **19**
- Lawrence 14
- **Tewksbury** **11**
- Haverhill 8
- **Chelmsford** **7**
- **Westford** **6**
- **Tyngsboro** **3**
- **41 other communities listed with between 1 and 5 patients**

Gender

29% of the patients were females. These patients had an average age of 37.4 years old. Their ages ranged from 13-62.

71% of the patients were males. These patients had an average age of 38.8 years old. Their ages ranged from 17 – 72.

Frequency of Patients

- 1 patient had 7 ORI calls with EMS via 911
- 2 patients had 6 ORI calls with EMS via 911
- 2 patients had 5 ORI calls with EMS via 911
- 9 patients had 4 ORI calls with EMS via 911
- 14 patients had 3 ORI calls with EMS via 911
- 45 patients had 2 ORI calls with EMS via 911
- 326 patients had 1 ORI call with EMS via 911

Narcan

Note: The number represents the amount of times that a specific agency gave Narcan to a person.

- If Lowell Fire gave 1 patient two doses of Narcan that would count once in this section.
- If a bystander and Lowell Police each gave the same patient a dose of Narcan that would count as 1 for each
- These totals are from Trinity EMS patient care reports. Specific agencies may have more accurate totals.

- Lowell Fire gave 106 patients Narcan
- Lowell Police gave 34 patients Narcan
- Bystanders/Family gave 85 patients Narcan
  - **27% of all near fatal opioid overdoses in Lowell, the first dose of Narcan was given before 911 arrived**
- Trinity EMS gave 92 patients Narcan
- Lowell General Hospital ALS gave 27 patients Narcan

All the data contained in this report was generated via Trinity EMS patient care reports. Any overdose that happened outside of 911 is not included.

Please email any questions to Jon Kelley at JKELLEY@TRINITYEMS.COM

Thursday, January 02, 2020

Board of Health Meeting – January, 2019
Community Health Division, Lowell Health Department

Community Health Coordinator (CHC)
Kate Elkins

Healthy Living in Lowell

- The CHC produced a January episode of Healthy Living in Lowell focused the newly released Greater Lowell Community Health Needs Assessment. The show featured Kerrie D'Entremont from the Greater Lowell Health Alliance and Lisa Taylor-Montminy from Lowell General Hospital Community Benefits.
- A February show will focus on heart health and guests are still be selected for the episode.

Access to Equitable Physical Activity

- The City of Lowell was awarded a grant from the Blue Cross Blue Shield of Massachusetts Foundation to establish more equitable opportunities for physical activity in Lowell over a three-year period.
- The walking routes project, now named, "Healthy Walking Trails" is moving along and the CHC will be working with the Planning and Development department to perform outreach in the Centerville neighborhood to get the project off the ground.

Employee Health and Wellness

- The CHC is working with the city's health and wellness committee to plan for the 2020 calendar year of activities.

Vision 2020 Grant

- The Health Department was awarded funding from the Greater Lowell Health Alliance in October to implement a new vision program within the School Health Unit. This grant will assist with better screening equipment for our youngest children and an enhanced vision referral system. The CHC wrote the grant and is now assisting the School Health Unit with some of the grant objectives.
- A Welch Allyn SPOT vision screener has been ordered and testing will begin in the new year
- Prevent Blindness is consulting on improved referrals systems and work is underway.

Spacers for Kids Project

- The Greater Lowell Health Alliance awarded the Greater Lowell Community Foundation (GLCF) with grant funds to launch a new initiative titled, Asthma Spacers for School Kids. This program aims to provide free spacers to school-aged children with a known asthma diagnosis in the Greater Lowell region.
- All spacers have been delivered to the health department and will be distributed in the new year; the CHC is assisting the School Health Unit with this effort. Please see news article that ran regarding the effort in the Lowell Sun on Sunday, Dec. 8 - https://www.lowellsun.com/2019/12/08/devices-for-asthma-to-be-distributed-to-students/

Additional Notes

- The CHC is planning a maternity leave for April – July and is actively working on planning for this process during this time.

Lowell Health Department Public Health Nursing

November 2019

Submitted by Colleen da Silva RN,BSN

Communicable Diseases Reported

Disease	Nov. 2018	Nov. 2019	2018 Total	2018 YTD	2019 YTD
Amebiasis					
Anthrax			1	1	
Arbovirus			2	1	1
Babesiosis			4	4	1
Borrelia miyamotoi infection			1	1	
Botulism			1		
Calcivirus/Norovirus			5	3	2
Campylobacteriosis	1	3	15	14	14
Clostridium perfringens			1	1	
Cryptococcus neoformans			1	1	1
Cryptosporidiosis	2		19	14	10
Cyclosporiasis					1
Dengue Fever			1	1	2
Ehrlichiosis		1	1	1	3
Enterovirus					
Giardiasis	2	1	16	15	25
Group A Streptococcus	6	5	59	57	50
Group B Streptococcus	1		14	13	10
Haemophilus Influenzae		1	1	1	2
Hepatitis A	1		8	6	11
Hepatitis B	17	8	117	111	104
Hepatitis C	17	19	212	196	193
Hepatitis D					1
Human Granulocytic Anaplasmosis	2		11	11	3
Influenza	37	24	1732	1575	1020
Invasive bacterial infection (other)			1	1	2
Legionellosis			11	10	9
Lyme Disease	9	2	74	72	65
Malaria	1		2	1	3
Measles	1confirmed 29 contacts 7 revoked	1 suspect	1confirmed 29 contacts 10 revoked	1confirmed 29 contacts 10 revoked	7 revoked
Meningitis – Unknown Type			1	1	3
Meningococcal Disease					1

Mumps	2 suspect 1 revoked	1 suspect	1probable 1 revoked 2 suspect	1 probable 1 revoked 2 suspect	1 suspect 1 revoked
Pertussis (and other Bordatella species)			1	1	
Rocky Mountain Spotted Fever			1	1	
Rubella	1		1	1	
Salmonellosis			18	17	20
Shiga toxin producing organism			1	1	
Shigellosis			1	1	1
Streptococcus pneumoniae	4		19	16	5
Toxoplasmosis			1	1	
Varicella			9	9	15
Viral Meningitis (aseptic)			1	1	2
West Nile Virus Infection		1			1
Yersiniosis					
Zika Virus Infection			1	1	

*denotes case is connected to a foodborne illness investigation

Tuberculosis Cases Reported

	Nov. 2018	Nov. 2019	2018 Total	2018 YTD	2019 YTD
TB LTBI	34	26	342	317	343
TB Active	3 revoked	1 confirmed 1 revoked	9 confirmed 19 revoked	9 confirmed 19 revoked	10 confirmed 11 revoked 1 suspect
B1 Waivers	2	0	14	14	9

Total of 34 DOTs done in November 2019

Refugee Arrivals

Total Families/Total Persons

Nov. 2018	Nov. 2019	2018 Total	2018 YTD	2019 YTD
2/9	0/0	29/76	23/66	26/76

Immunizations

Vaccine	Nov. 2018	Nov. 2019	2018 Total	2018 YTD	2019 YTD
Influenza	28	31	372	371	331
Hepatitis A	0	0	4	0	0

Public Health Nurse Activities

Participated in 2 flu clinics held at the Cambodian Mutual Assistance Association

Participated in flu clinic at Lowell House

Attended Mass. Assoc. of Public Health Nurses Meeting at Tewksbury State Hospital

Public Health Nurse Manager Activities

Begin planning for MDPH Emerging Infectious Disease table top exercise in January 2020

Participated in 2 flu clinics held at the Cambodian Mutual Assistance Association

Continued training new public health nurse

Attended Mass. Assoc. of Public Health Nurses Meeting at Tewksbury State Hospital

Participated in DOTs and PPD testing/reading with new public health nurse

Attended Tier II Emergency Management Team meeting at EOC

Board of Health November 2019 School Health Unit

Immunization survey submitted to the state with 100% compliance.

Nurse Coordinator & Managers met with Lowell Community Health Center Management team to review immunization laws related to school entry and to work collaboratively to get new students into school.

SBIRT screenings completed for grade 9 at the Freshman Academy.

Epipen training completed for LHS fall coaching staff.

Nurse Coordinator & Managers participated in the following meetings & trainings:

- LHS Building Meeting
- Nurse Leadership Training
- Early Childhood Forum
- School Safety Summit

School Nursing Services Provided	18-Nov	19-Nov	Total 18-19	YTD 2018	YTD 2019
Total Student Encounters					
Totals	13,335	13,620	135,213	43,343	46,249
911 Emergency Calls					
Student	6	7	68	27	18
Staff	6	1	20	10	5
Medication Administration					
Totals	4,104	3,813	40,540	12,224	11,727
Nursing Assessment					
Student	8,928	8,961	92,053	29,688	31,911
Staff	77	30	425	164	136
Glucose Testing	686	684	6,316	2,220	2,104
Nausea/vomiting	1,020	976	10,808	3,337	3,374
Tube Feedings	233	172	2,019	597	583
pulse Oximetery	19	10	108	57	62
Screenings					
Vision	1,548	902	8,912	3,790	3,009
Hearing	1,194	688	7,661	2,580	2,012
BMI	431	1,015	3,626	933	1,373
Postural	91	201	4,015	166	297
Freshman Academy SBIRT		486			

Board of Health Report – January 8th, 2020

Substance Abuse and Prevention Division, Lowell Health Department

Please be advised that the content of this report is from the 12/01/2019 through 12/12/2019.

Substance Abuse Coordinator, Division Manager

Lainnie Emond, LMHC

Prescription Drug Monitoring Program (PDMP) Grant Initiatives:

- Continuing to work with the Co-Chairs of the Mayor's Opioid Epidemic Crisis Task Force to plan monthly meeting agendas, identify potential initiatives, contact presenters, and invite new agencies to participate.
    - *Recent and Upcoming Meetings: No December meeting. January 27th from 5:30-6:30pm (location TBD).*
- Continuing to lead Data Subcommittee of the Mayor's Opioid Task Force. Subcommittee members are working on the fifth "Opioid Trends in Lowell, MA" report, which focuses on HIV and opioid overdose in Lowell.
- Continuing to co-lead Media Subcommittee meeting of the Mayor's Opioid Task Force. Subcommittee also finalized two social media images: one highlights that Narcan freezes, and the other highlights that more nonfatal overdoses occur indoors during the winter weather months.
- Continuing to working to identify a specific documentation system to demonstrate how the Substance Abuse Coordinator (SAC) position and the Substance Abuse and Prevention Division have impacted the Lowell Health Department and provider community. This information is important to incorporate into grant reporting as the SAC position has positively expanded beyond the expectations written into the grant.

Lowell CO-OP and Related Efforts:

- Lainnie continues to be involved in administrative planning for the Lowell CO-OP, including co-facilitating Lowell CO-OP Supervisors Meetings and working with team and grant partners to ensure effectiveness of the team.

Additional Substance Abuse Coordinator Activities:

- Managing daily activities of the Substance Abuse and Prevention Division.
- Lainnie is the point person for www.DrugFreeGreaterLowell.org. Marketing materials have been designed and are being distributed to partners in Greater Lowell, which include an email signature, social medial images, 11x18 foam boards, business cards, and pens.
- Lainnie is continuing to work with colleagues from Tufts University and Trinity EMS to work on a scientific research paper examining how EMS interacts with patients prior to experiencing a fatal overdose.
- The Substance Abuse and Prevention Division created a position, "Community Outreach Educator", specifically for Mass Hire/Lowell Career Center's Disaster Recovery National Dislocated Worker Grant to enhance the outreach efforts of the Division. Linda Bellantoni started on December 9th, 2019.

Massachusetts Opioid Abuse Prevention Collaborative (MOAPC)

*** Lainnie Emond will oversee the MOAPC Grant through the end of the grant cycle, June 30th, 2019. ***

Strategy One (implement Life Skills Training across the cluster): *Life Skills Training is an evidenced based prevention curriculum supported by the Bureau of Substance Addiction Services.*

- No updates at this time.

Grant Strategy Two (coordination and promotion of education on harm reduction strategies):

- Several organizations within the MOAPC cluster offer Narcan training and Narcan kits.
- Discussed the desire to identify if there are trends in overdoses across town boarders (ie. if there is an overdose spike in one town, will there be a similar spike in another town on the same day or possibly the days following?). Lainnie created an Excel document that tracks fatal and nonfatal overdoses per day for the years 2016-2019. Point people in the Greater Lowell MOAPC Cluster towns have been provided with this document and were offered the opportunity to add their tracking numbers for fatal and nonfatal overdoses.

Drug Free Greater Lowell Website

- www.DrugFreeGreaterLowell.org is live. The MOAPC grant funded informational business cards and other outreach materials to promote the website.
- Analytics will be available upon the close of the calendar year to provide a year-end summary.
- The MOAPC grant funded Drug Free Greater Lowell marketing and outreach materials for the second annual Merrimack Valley Substance Use Disorder Symposium that was held on December 6th at the Westford Regency. Lainnie and Kate Elkins, Lowell Health Department's Community Health Coordinator, held a table at the Symposium to highlight the website further and to educate attendees on the Lowell Health Department's prevention efforts.

Unwanted Medication and Sharps Disposal

- The Lowell Health Department held the final Unwanted Medication and Sharps Disposal of the 2019 calendar year on December 3rd.
- Totaling up all **2019 Disposal Day**s, participants disposed of **470 pounds of unwanted medications** and **719 pounds of unwanted sharps**.

Unwanted Medication and Disposal Day Data Collection – 2019 Data

Event Date	Medication (lbs)	Sharps (lbs)	Total Attendees
3/13/2019	255	317	162
6/11/2019	54	196	76
6/15/2019	18	25	*Closed Collection for School Nurses*
8/13/2019	85	111	67
12/03/2019*	58	70	38

**Please note that there was a snow storm the morning of 12/03/2019.*

Partnerships for Success (PFS)

*** Lainnie Emond will act as interim coordinator of the PFS grant until the position is filled. ***

Strategy One (social media and education dissemination to high school-aged youth re: sharing prescription medications):

PFS Social Media Campaign:
- Social media campaign has been placed on hold until a new PFS Coordinator is hired.

Strategy Two (social media and education dissemination to parents/guardians and high school-aged youth re: proper disposal and storage):

"Help Keep Our Kids Safe" Campaign
-Community Health Educator, Kate Elkins, is continuing efforts to create a two-sided handout giving tips on the proper storage of prescription medication as well as identifying medication disposal sites in Lowell. This handout will be distributed to the general public with a specific focus on parents/caregivers of local youth.

Monthly Meeting:
Monthly coalition meeting is scheduled for January 15th, 2020.

Outreach Health Educator Position:
Position was posted from October 25th through November 8th. First round interviews occurred the week of November 18th, and second round interviews were held the week of December 2nd.

Lowell Community Opioid Outreach Program (CO-OP)
Maricia Verma, Lowell CO-OP Supervisor

Lowell CO-OP Data 2019

--	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Total Encounters	78	76	32	47	88	58	41	48	74	33	41	--	**616**
Unique Encounters	--	37	28	29	52	34	28	36	53	16	34	--	**347**
Initial Interaction	--	9	6	9	17	3	7	13	12	2	15	--	**93**
OD Follow-Up	2	8	9	11	17	3	6	9	29	4	10	--	**108**
Section 35	2	1	0	1	5	1	1	2	2	0	5	--	**20**
Clinical Clients	7	7	5	4	3	2	2	2	2	2	2	--	**38**
Disseminate Narcan	0	0	3	6	13	4	20	5	25	5	37	--	**118**
SUD Treatment	11	15	14	12	14	14	18	14	22	11	8	--	**153**
Medical Treatment	0	1	0	5	3	4	4	5	4	1	1	--	**28**
Other Services	7	1	2	8	4	8	3	2	11	1	0	--	**47**
Misc. Outreach	--	--	--	--	--	156	223	464	71	72	132	--	**1118**

Outreach and Educational Events

Date	Event Type	Location	Topic	Attendance
11-20-2019	Educational Presentation	Robinson Middle School	Mental Health, Substance Abuse	25

Relationship Building

Date	Organization	Relationship Building
11-15-19	CTI	CO-OP Supervisor attended CTI's Youth Provider Meeting.

Additional

- The Clinical Recovery Specialist position was reposted on 11/21 and will remain open until 12/16.
- Lowell CO-OP Supervisor and Lowell CO-OP team members attended the Merrimack Valley Substance Use Disorder Symposium on 12/6 at the Westford Regency.

Syringe Collection Program

Andres Gonzalez, Syringe Collection Program Coordinator (SCPC)

City Department and Community Partner Engagement:

- Middlesex Community College
- Lowell Community Health Center
- Lowell Charter School
- Office of the City Manager
- Lowell CO-OP
- Department of Planning & Development
- Lowell Street Department
- Lowell Police Department
- Lowell Parks Department

Community Events Attended:

- 12/3 Unwanted Medication and Sharps Disposal Day
- 12/4 Hunger Homeless Commission (HHC)
- 12/6 Merrimack Valley Substance Use Disorder Symposium

Areas Proactively Swept for Discarded Syringes:

- Hunts Falls Bridge
- Suffolk Streer Bridge
- Howe Street (Middlesex College)
- Morey School
- George Street
- Favor Street
- Lowell Justice Center
- Rogers Street Bridge
- Rogers Stem Academy
- South Common Park

Syringe Collection Activity 2019

Total Number Of…	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec 1st – 11th	Total
Discarded syringe pick-up requests	8	6	8	21	22	35	38	22	---	164
Incoming calls for syringe pick-up requests	6	21	20	17	14	14	14	11	---	121
Syringes picked-up while responding to all discarded syringe pick-up requests	49	240	334	256	157	337	322	113	---	1,830
Hours proactively picking-up discarded syringes in the community	9	20	25	29	41	49	35	44	---	258
Syringes proactively picked-up while in the community	493	967	488	1231	895	1040	845	896	---	6,999
Syringes picked up during Community Clean-up Events	0	11	75	49	16	131	161	0	---	433

**Please note that there was a snow storm on December 2nd and 3rd that resulted in no incoming pick-up requests and no proactive pick-ups.*