



## Opioid-Related Illness calls in Lowell MA Q1 2020

### Executive Summary:

- The City of Lowell MA saw 91 Opioid-Related Illness (ORI) calls in Q1 2020. These 91 ORI are the lowest quarterly total since Q1 2014.
- There were 57 instances that a patient in Lowell was revived with Narcan in Q1 2020. Again, the lowest total since Q1 2014.
- March 2020 had the lowest monthly total (28 ORI) for Lowell since December 2015(29 ORI).

	Total ORI	Priority 1
Jan 2020	32	21
Feb 2020	31	17
Mar 2020	28	19

### Q1 2020 Data

#### Location of the patients

- 4 ( or 4%) of the ORI occurred in Health Care Facilities
- 36 (or 40%) of the ORI occurred inside private homes
- 10 (or 11%) of the ORI occurred inside a public location
- 41 (or 45%) of the ORI occurred outside in a public location

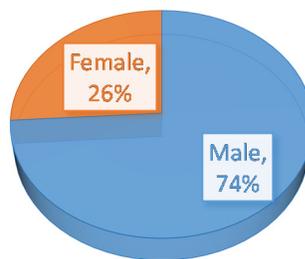
	Acre	Back Central	Belvidere	Central -ville	Downtown	Highlands	Lwr Belv	Lwr Highlands	Pawtucket-ville	Sacred Heart	South Lowell
ORI	13	14	5	8	24	7	1	6	5	6	2
of Total	14%	15%	5%	9%	26%	8%	1%	7%	5%	7%	2%

#### Patient Info

##### Hometowns

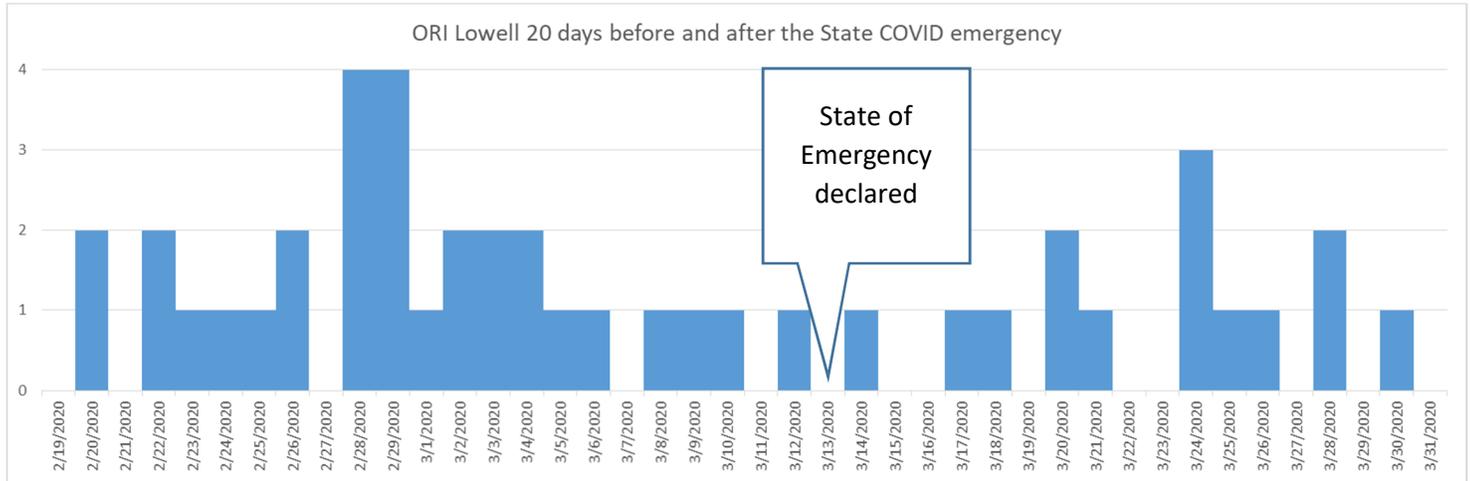
- Lowell 49
- None listed 19
- Dracut 2
- Billerica 6
- Lawrence 0
- Tewksbury 1
- Haverhill 0
- Chelmsford 0
- Westford 0
- Tyngsboro 0

#### ORI BY GENDER



Female patients had an average age of 36, and a range of 22 to 63 years old  
 Males patients had an average age of 40, and a range of 22 to 67 years old.

**COVID. Massachusetts State of Emergency declared March 11, 2020.**



We are not in any way suggesting a correlation between COVID and Opioids. We only present the data because we thought people might be interested in it. On 911 calls on the 20 days before the State of Emergency declaration Lowell averaged 1.45 ORI per day. In the 20 days after Lowell averaged 0.79 ORI per day.

**2011- Q1 2020.**

Yr	Qrt	1	2	3	4	Grand Total
2011		56	50	50	34	190
2012		47	74	63	59	243
2013		59	105	99	51	314
2014		73	124	148	133	478
2015		127	152	170	130	579
2016		153	146	178	199	676
2017		176	211	250	165	802
2018		189	183	236	203	811
2019		134	137	127	125	523
2020		91				91
<b>Grand Total</b>		<b>1105</b>	<b>1182</b>	<b>1321</b>	<b>1099</b>	<b>4707</b>

Left: Quarterly total ORI for the last 37 quarter.  
 Below: Monthly total ORI since 2011  
 In both the darker the red the higher the total was.

Yr	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2011		19	21	16	12	18	20	19	13	18	11	15	8	190
2012		16	14	17	19	18	37	11	27	25	11	23	25	243
2013		16	14	30	35	39	30	40	32	27	21	16	14	314
2014		20	23	30	24	37	63	43	65	40	46	26	61	478
2015		51	30	46	46	55	51	51	55	64	60	41	29	579
2016		49	48	56	43	47	56	59	53	66	56	78	65	676
2017		64	55	57	58	74	79	89	73	88	61	47	57	802
2018		56	68	65	56	59	68	99	67	70	75	69	59	811
2019		42	49	43	47	46	44	46	35	46	52	36	37	523
2020		32	31	28										91
<b>Total</b>		<b>365</b>	<b>353</b>	<b>388</b>	<b>340</b>	<b>393</b>	<b>448</b>	<b>457</b>	<b>420</b>	<b>444</b>	<b>393</b>	<b>351</b>	<b>355</b>	<b>4707</b>

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