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# Airplane Noise

## NOV 2020 Prior Month Update

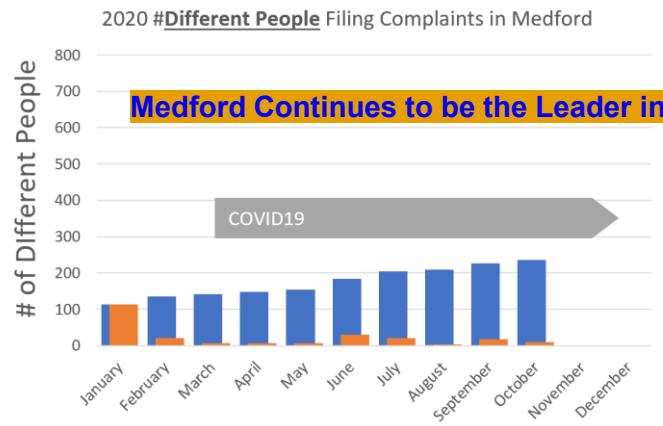
### Upcoming Events

- December (12/8) MCAC executive meeting
- January (1/12) MCAC executive meeting
- January (1/14) MCAC general meeting

### Current Activity

- Attended the RNAV Study Briefing Update (30Sep, virtual)  
Materials from the meeting can be accessed here:  
<http://massportcac.org/library/rnav-block-2-procedures-update/>
- (10/14/20) Medford Led the Regional Response
- Private Air Quality Meter installed in central Medford
  - Real time map can be seen at [www.purpleair.com](http://www.purpleair.com)
- Medford entered the recent municipal and federal letters into the MCAC record and proposed a motion for MCAC to formally ask FAA and Massport to present a solution, it passed unanimously.

### Number of People Filing Noise Complaints



- **83** Individual Medford Residents Filed **10083** Complaints through **October** 2020, **10** new filers

### Opportunities & Needs

- Need **dispersion** of aircraft departures from 33L
- Need DNL data from MIT study team for models
- **Continue** pressure on FAA and Massport to put forward a **feasible dispersion** concept

# Archive

- The following pages are made up of prior monthly update snapshots

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# Airplane Noise

## Oct 2020 Prior Month Update

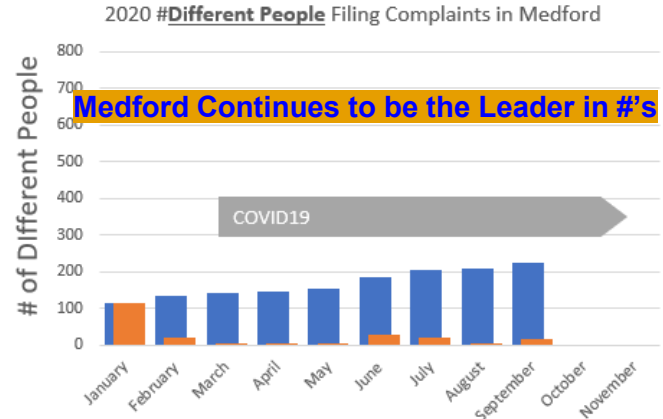
### Upcoming Events

- October (10/29) MCAC executive director search committee meeting
- November (11/4) MCAC annual meeting
- November (11/10) MCAC executive meeting

### Current Activity

- Building a consensus response to the FAA rejection of MIT's dispersion concepts
- South of Boston, FAA is proposing an instrument approach to Runway 4-L at Logan Airport.
- Attended the RNAV Study Briefing Update (30Sep, 47 participants virtually)
  - FAA Ombudsman and Deputy Regional Administrator both in attendance
- (10/14/20) Medford Led the Regional Response to Massport and FAA to Express Disappointment at the FAA Rejection of All Block 2 Concepts and Lack of FAA Proposals to Address Noise Inequity they were responsible for.

### Number of People Filing Noise Complaints



- **N** Individual Medford Residents Filed **N** Complaints through September 2020, **N** new filers

### Opportunities & Needs

- Need **dispersion** of aircraft departures from 33L
- Need DNL data from MIT study team for models
- **Need** pressure on FAA and Massport to put forward a **feasible dispersion** concept

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## Sep 2020 Prior Month Update

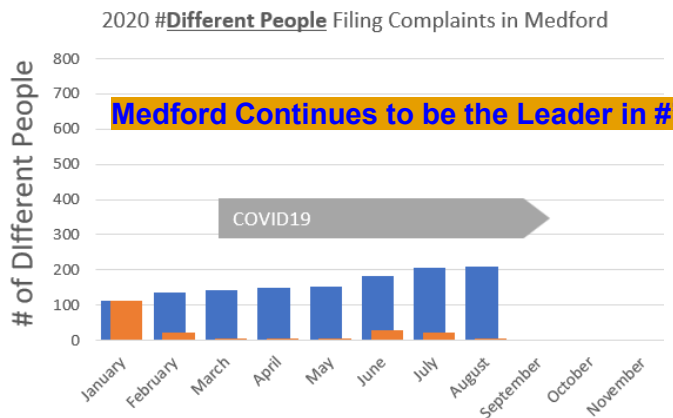
### Upcoming Events

- September (9/8) MCAC executive meeting
- September (9/6) MCAC executive meeting
- October (9/8) MCAC general meeting

### Current Activity

- In a letter to the MCAC, FAA rejected **ALL** of MIT's Block 2 dispersion concepts
- Building a consensus response to the FAA rejection of MIT's dispersion concepts
- South of Boston, FAA is proposing an instrument approach to Runway 4-L at Logan Airport.
  - [FAABostonWorkshops.com](http://FAABostonWorkshops.com)
  - Two workshops will be held October 23 and 28
  - 60d comment period runs through Nov 20

### Number of People Filing Noise Complaints



- **74** Individual Medford Residents Filed **5309** Complaints through August 2020, **4** new filers

### Opportunities & Needs

- Need **dispersion** of aircraft departures from 33L
- Need DNL data from MIT study team for models
- **Need** pressure on FAA and Massport to put forward a **feasible dispersion** concept

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# Airplane Noise

## Aug 2020 Prior Month Update

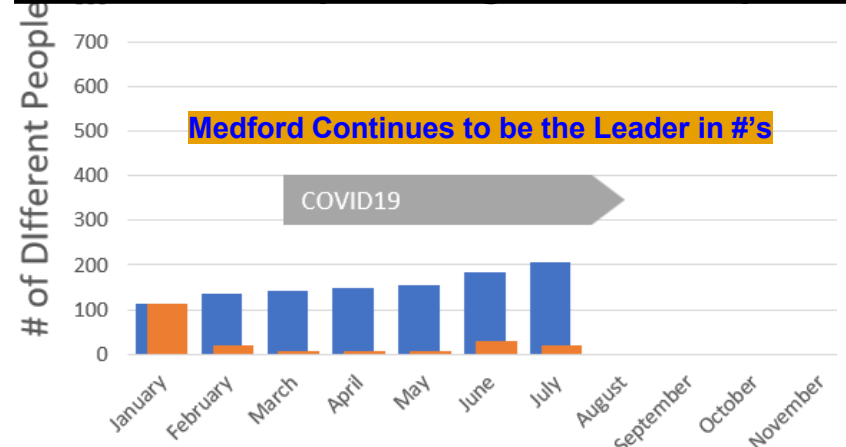
### Upcoming Events

- July (7/14) MCAC executive meeting
- Runway 27 is closing for 75 days (until August)
- July (7/29) MCAC executive meeting
- August (8/11) MCAC executive meeting

### Current Activity

- Sen Markey filed a Bill to regulate the safe return to air travel
- Medford MCAC reviewed and commented on FAA's Noise Metric study
- Attended the June MCAC meetings
- All future MCAC meetings will be virtual until in-person meetings are possible
- In a letter to the MCAC, FAA rejected ALL of MIT's Block 2 dispersion concepts
  - Assessed and categorically rejected by FAA and industry stakeholders
  - Notably users (e.g. airlines) of Boston-Logan airspace favor PBN-based departure procedures over conventional.

### Number of People Filing Noise Complaints



- **97** Individual Medford Residents Filed **4266** Complaints through July 2020, **21** new filers

### Opportunities & Needs

- Need dispersion of aircraft departures from 33L
- Need DNL data from MIT study team for models
- **Need** pressure on FAA and Massport to put forward a **feasible dispersion** concept

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# Airplane Noise

## July 2020 Prior Month Update

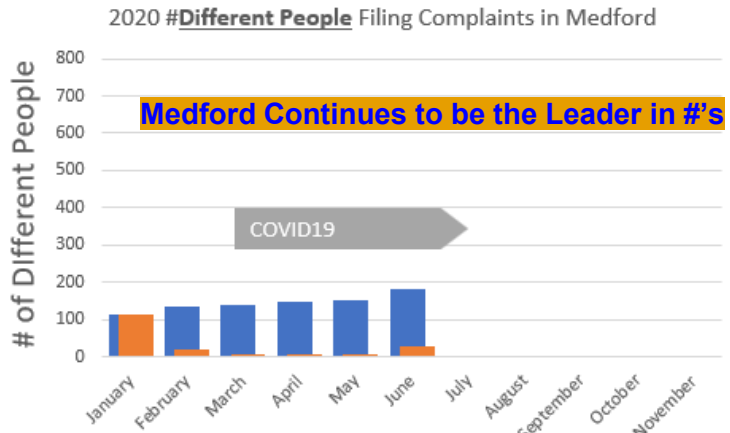
### Upcoming Events

- May (5/14) MCAC meeting was virtual
- June (6/11) MCAC quarterly meeting
- July (7/14) MCAC executive meeting
- Runway 27 is closing for 75 days (until August)
- July (7/29) MCAC executive meeting
- August (8/11) MCAC executive meeting

### Current Activity

- Sen Markey filed a Bill to regulate the safe return to air travel
- Medford MCAC reviewed and commented on FAA's Noise Metric study
- Attended the June MCAC meetings
- All future MCAC meetings will be virtual until in-person meetings are possible

### Number of People Filing Noise Complaints



- 107 Individual Medford Residents Filed 7395 Complaints through June 2020, 30 new filers (an uptick over prior four months)

### Opportunities & Needs

- Need dispersion of aircraft departures from 33L
- Need DNL data from MIT study team for models

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# Airplane Noise

## June 2020 Prior Month Update

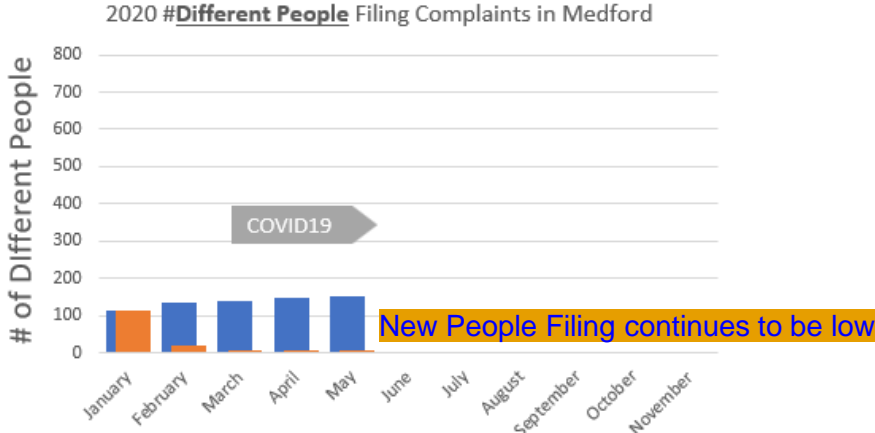
### Upcoming Events

- May (5/14) MCAC meeting was virtual
- June (6/11) MCAC quarterly meeting
  - FAA deferred substantive Block 2 feedback to Aug 15<sup>th</sup>
- July (7/14) MCAC executive meeting
- Runway 27 is closing for 75 days (mid-May to August)

### Current Activity

- Sen Markey filed a Bill to regulate the safe return to air travel  
<https://www.markey.senate.gov/imo/media/doc/COVID%20Air%20Travel%20Task%20Force.pdf>
- Medford MCAC reviewed and provided (hard) comments to FAA's Noise Metric study (sec 188)
- Attended the June MCAC meetings
- All future MCAC meetings will be virtual until in-person meetings are possible (Exec preference)

### Number of People Filing Noise Complaints



- 64 Individual Medford Residents Filed 3979 Complaints through May 2020, but only 6 new filers

### Opportunities & Needs

- Need dispersion of aircraft departures from 33L
- Need DNL data from MIT study team for models  
Likely not to receive this, per (5/14/2020) MP Letter to 33L Communities  
Request for DNL even more relevant in light of FAA Noise Metric Study which states full throated FAA support for DNL at the June 11 MCAC General Meeting (to community chagrin)

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## May 2020 Prior Month Update

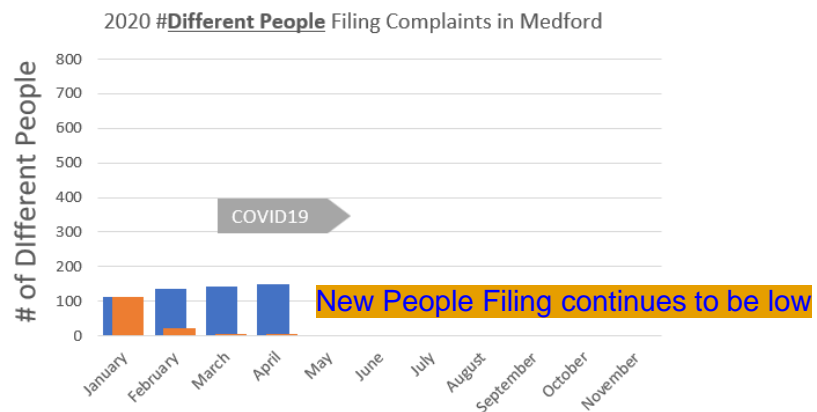
### Upcoming Events

- May (5/14) MCAC meeting was virtual
- June (6/11) MCAC quarterly meeting
- Runway 27 is closing for 75 days (mid-May to August)
  - <https://www.massport.com/media/4039/9-27-rehabilitation-project-webinar-slides.pdf>
  - Runway 33L "picks up the slack" – but air traffic is relatively suppressed
  - Good timing, the maintenance had to be done and now is the most considerate time for it.

### Current Activity

- Municipal Letter (4/24/2020) by Medford called for acceleration of FAA involvement.
- Massport (5/14/2020) reply to Municipal Letter from Medford and neighboring communities
- New FAA Noise Complaint Initiative (NCI) intended to reduce the volume of complaints (limit impact of 3<sup>rd</sup> party Mobile Apps on #'s)
- Numerous public articles and studies about the cause and effect relationship between air pollution and COVID-19 outcomes
- Sen Markey filed a Bill to regulate the safe return to air travel  
<https://www.markey.senate.gov/imo/media/doc/COVID%20Air%20Travel%20Task%20Force.pdf>

### Number of People Filing Noise Complaints



- 60 Individual Medford Residents Filed 2,959 Complaints through April 2020, but only 7 new filers

### Opportunities & Needs

- Need dispersion of aircraft departures from 33L
- Need DNL data from MIT study team for models  
Likely not to receive this, per (5/14/2020) MP Letter to 33L Communities



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## April 2020 End of Month Update

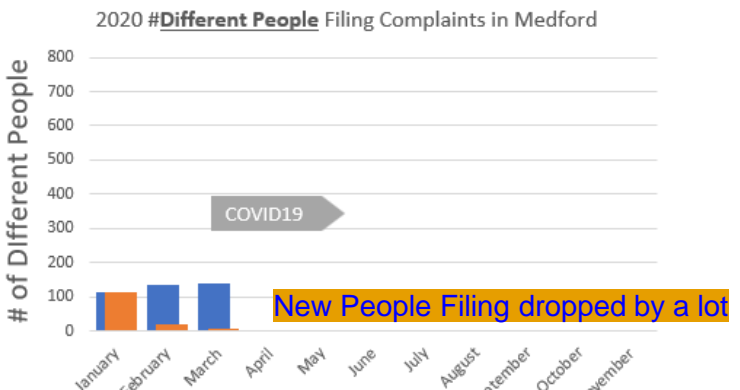
### Upcoming Events

- TBD – COVID19
- April MCAC meeting cancelled. PH has asked ED Matt Romero if future meetings could be virtual. Awaiting response.

### Current Activity

- Federal Letter (2/3/20) by Sen Markey & others – Highlights the complaints from Medford and asks for vortex generators
- **Municipal Letter (XX/XX/XXXX) by Medford calling on acceleration of FAA involvement. Actively being worked**
- COVID-19 public health measures, including significant reduction in air traffic began at start of March

### Number of People Filing Noise Complaints



- **82** Individual Medford Residents Filed **10,075** Complaints through **March** 2020, but only **6** new filers

### Opportunities & Needs

- Need more FAA involvement – need to leap from academic to the practical
- Need DNL data from MIT study team for models
- Need **dispersion** of aircraft departures from 33L
- Tufts PILOT Agreement – can Tufts help with advocating for regional air traffic equity?
- COVID-19 is having a major impact on air traffic, the cause-effect of noise to complaints should be reinforced
- **New FAA Noise Complaint Initiative (NCI) intended to reduce the volume of complaints (limit impact of 3<sup>rd</sup> party Mobile Apps on #'s)**

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# Airplane Noise

## February & March 2020 End of Month Update

### Upcoming Events

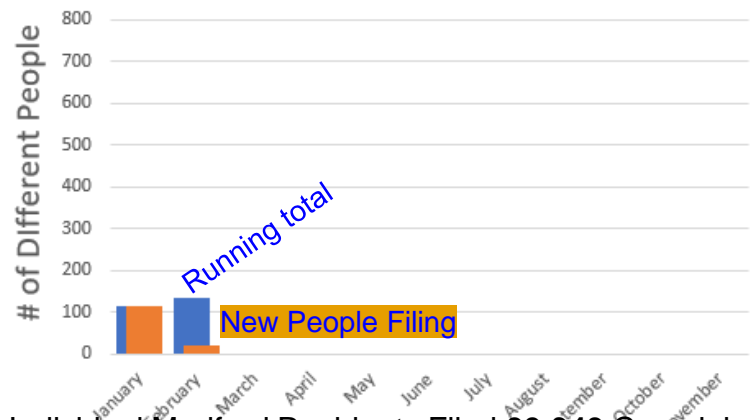
- TBD – COVID19
- April MCAC meeting cancelled. PH has asked ED Matt Romero if future meetings could be virtual. Awaiting response.

### Current Activity

- Federal Letter (2/3/20) by Sen Markey & others – Highlights the complaints from Medford and asks for vortex generators
- **Municipal Letter (XX/XX/XXXX) by Medford calling on acceleration of FAA involvement. Need mayors' signatures then ready to send.**
- **COVID-19 public health measures, including significant reduction in air traffic began at start of March**

### Noise Complaints

2020 #Different People Filing Complaints in Medford



- **135** Individual Medford Residents Filed **39,343** Complaints through February 2020, alone! – (see archive for 2019)

### Opportunities & Needs

- Need more FAA involvement – what is and isn't feasible among the MIT concepts? – need to leap from academic to the practical
- Need DNL data from MIT study team for models
- Need **dispersion** of aircraft departures from 33L
- Tufts PILOT Agreement – can Tufts help with advocating for regional air traffic equity?
- **COVID-19 is having a major impact on air traffic, the cause-effect of noise to complaints should be reinforced**

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# Airplane Noise

## January 2020 End of Month Update

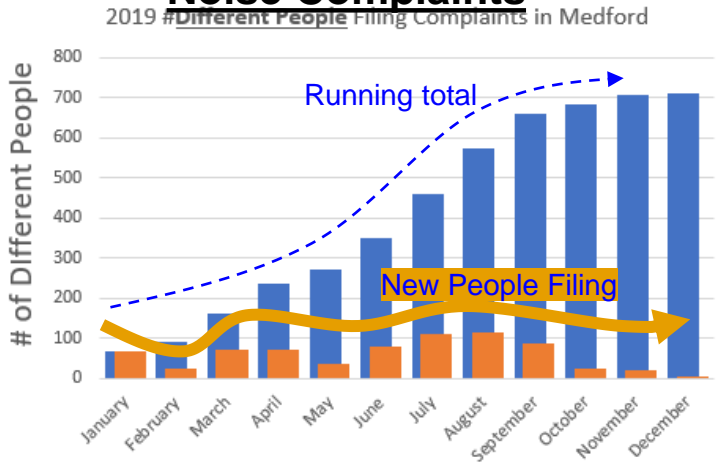
### Upcoming Events

- MCAC Executive Committee Meeting 7Jan20
- MCAC General Meeting 9Jan20
- MCAC Executive Committee Meeting 11Feb20
- Senator Markey Town Hall 13Feb20

### Current Activity

- RNAV Study on Low Simmer
- Local Unity - Belmont Selectmen voted to endorse the Joint Statement from Med./Som./Cam.
- Federal Letter (12/20/19) by Sen Markey & others - Argues that RNAV harms communities and hasn't provided the benefits it promised
- Federal Letter (2/3/20) by Sen Markey & others – Highlights the complaints from Medford and asks for vortex generators

### Noise Complaints



• **712** Individual Medford Residents Filed **98,021** Complaints – By far the most, anywhere in 2019

### Opportunities & Needs

- Need more FAA involvement – what is and isn't feasible among the MIT concepts? – need to leap from academic to the practical
- Need dispersion of aircraft departures from 33L
- Tufts PILOT Agreement – can Tufts help with advocating for regional air traffic equity?
- Massport has a new CEO (Lisa Weiland) – does airport operator want to be a good neighbor?