



BTV Sound Mitigation Meeting – Noise Mitigation Program Update

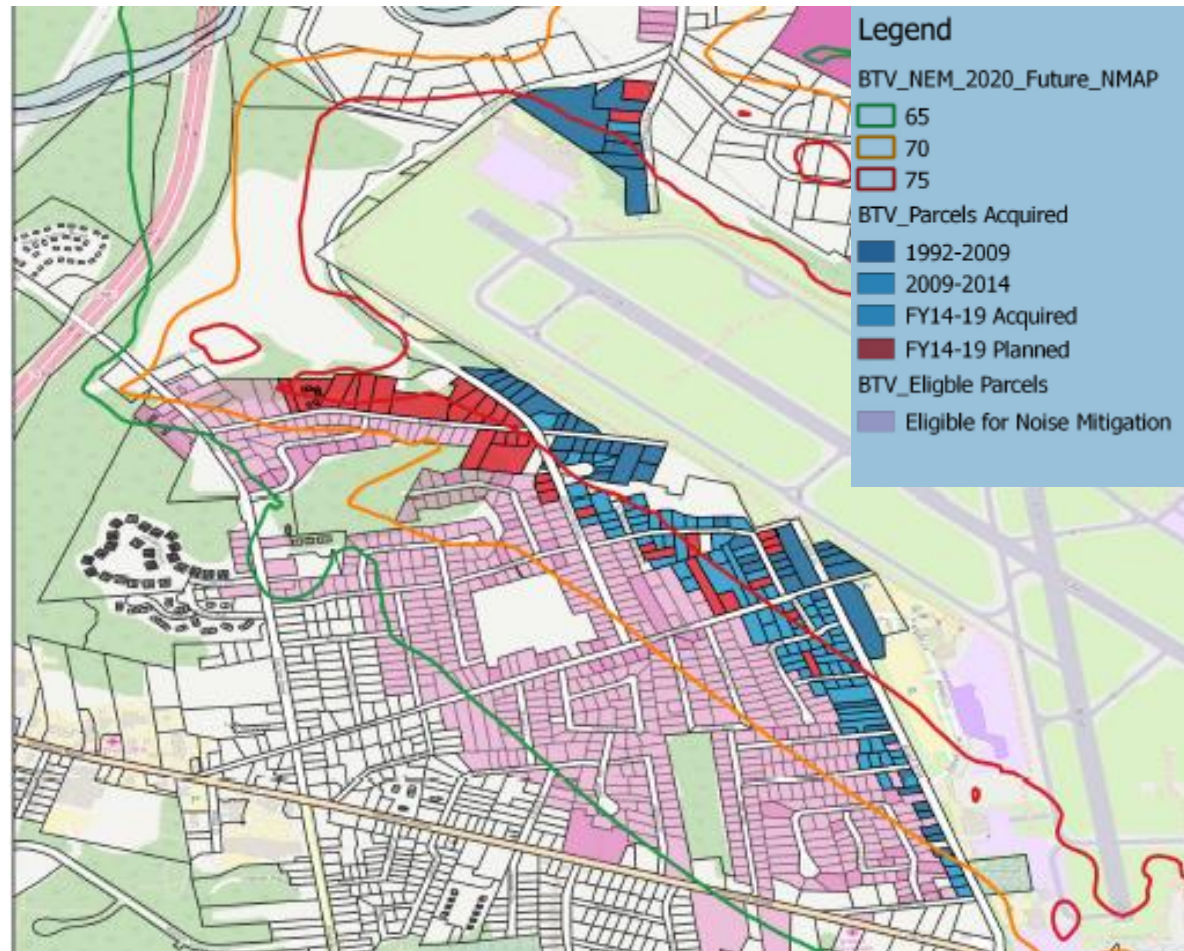
March 21, 2017

Land Acquisition Program Update



Land Acquisition Program Update

- Land Acquisition & Relocation Program for homes located in the 65 dB and higher DNL
- September 2016 - \$16 million grant issued for 39 eligible homes in the updated land acquisition area (based on 2015/2020 contours)



Land Acquisition Update

- 39 homes have been subdivided into 4 groups
- Group 1 (11 properties): 7 properties acquired; 2 more offers accepted in process; 2 offers outstanding
- Meetings with individual homeowners will commence in April for remaining Groups 2-4
- Appraisals will begin in April for Group 2 (10 properties)
- Project is being expedited by request of BTV, with hopes of completing all appraisals in 2017

Noise Compatibility Program Update



BTV Noise Program

- The FAA's process for airports to study and mitigate aircraft noise is regulated by 14 CFR Part 150
- Part 150 is comprised of two parts
 - The Noise Exposure Map (NEM) which depicts the current and projected aircraft noise
 - The Noise Compatibility Program (NCP) which identifies how to mitigate aircraft noise in the 65 dB DNL and higher noise contour
- BTV's most recent NCP was completed and approved by FAA in 2008
- The VT Air National Guard operations changed and a new NEM updated was undertaken in 2013
- FAA accepted the updated NEM and noise contours for 2015 and 2020
December 2015

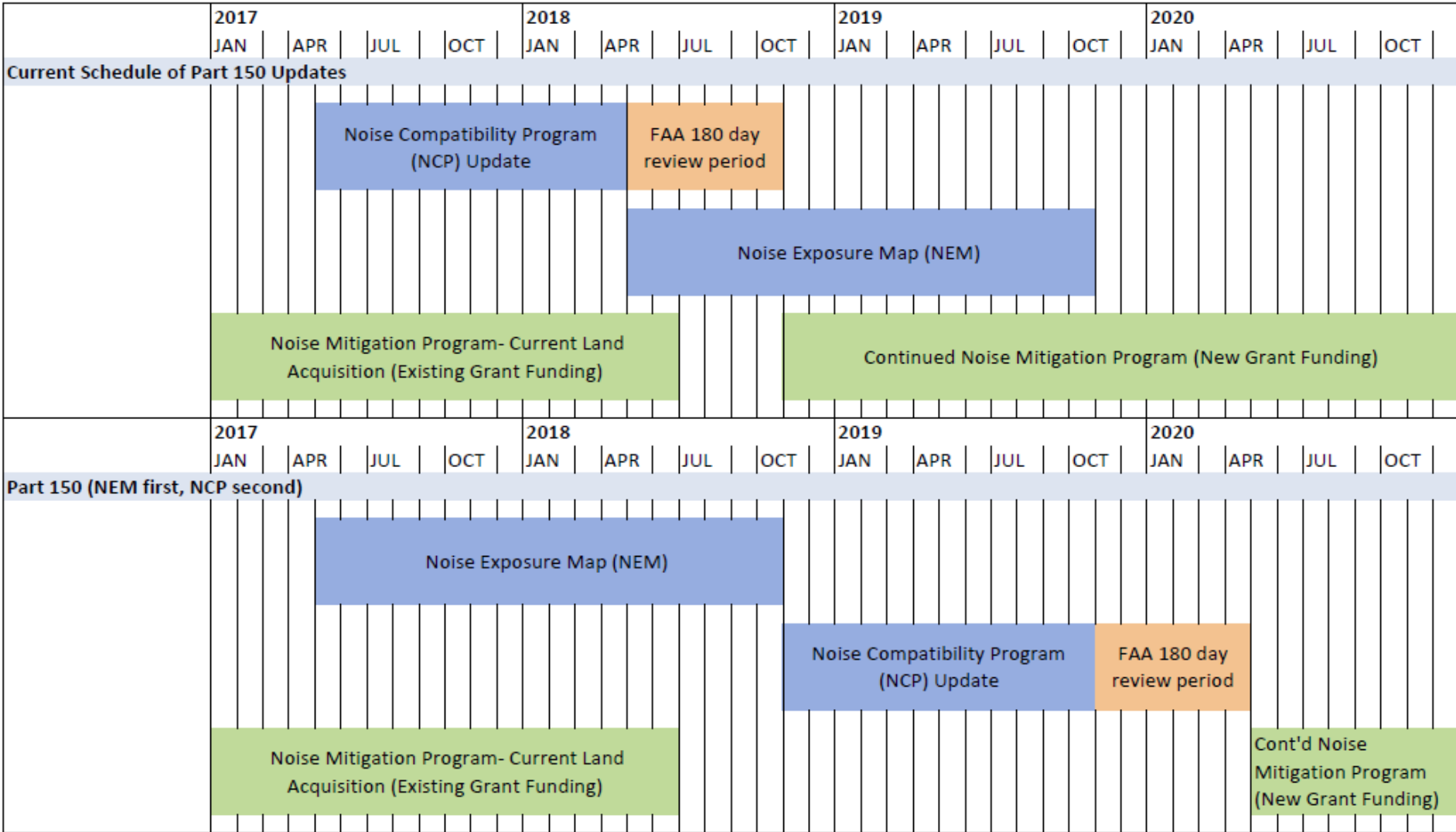


BTV Noise Program

- The FAA has awarded a grant for undertaking the Noise Compatibility Program (NCP) update
 - The NCP process will commence in April/May 2017
- BTV anticipates a Noise Exposure Map (NEM) update following the change in aircraft operations (including, but not limited to, F-35s)
 - BTV's Capital Improvement Program contains a budget for the NEM update to commence in 2019. FAA stated at February public meeting that NEM update could commence in 2018.



Burlington International Airport Part 150 Update and Noise Mitigation Program Timeline Comparisons



Noise Mitigation Program Funding

FUNDING SOURCES

- Funding for noise mitigation programs (land acquisition, sound insulation, sales assistance, noise walls, etc.) comes from Airport Improvement Program (AIP) grants funded by the FAA.
- Each grant is funded by federal (FAA) dollars and a share of state (VT DOT) dollars.

AIP GRANTS

- NCP establishes measures which can be implemented as a part of the airport's noise mitigation program.
- The current NCP allows for land acquisition within the 70db DNL of the current Noise Exposure Map (NEM).
- Until the NCP is updated this will be the only noise mitigation eligible for AIP grant funding.

Noise Compatibility Program Update

- The update will focus on Land Use Measures
- Recommendations will be based on the 2020 Noise Contour
- Study will incorporate community feedback
- Advisory Committee will be formed for feedback and updates
- Study will begin in April/May 2017



Potential NCP Land Use Measures

Part 150 allows for the following mitigation measures:

- Land Acquisition & Relocation
- Sound Insulation
- Sales Assistance
- Purchase Assurance
- Easement Acquisition for New Development
- Real Estate Disclosure
- Sound Buffers/Barriers



BTV intends for recommended program to be VOLUNTARY

Residential Sound Insulation Program Overview



Residential Sound Insulation Program

Sound Insulation measures can be added to cover both residential and eligible community structures (i.e. Chamberlin School)

Residential Sound Insulation (RSI) Programs are VOLUNTARY

An avigation easement is NOT required by the FAA, although is used on Sound Insulation Programs

NCP update will provide an opportunity to review various avigation easements and develop easements and homeowner agreements for BTV's sound insulation program



Residential Sound Insulation Program

Residential Sound Insulation (RSI) Program eligibility:

- Property must be residential
- Located within the DNL 65 dB contour
- Average interior noise level must be DNL 45 dB or greater
- Residences built after to October 1, 1998 are not eligible unless they were outside of the 65 contour when they were constructed.

Sound insulation is implemented by prioritized list can include both residential and community buildings (schools).

For More Information

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The Jones Payne Group

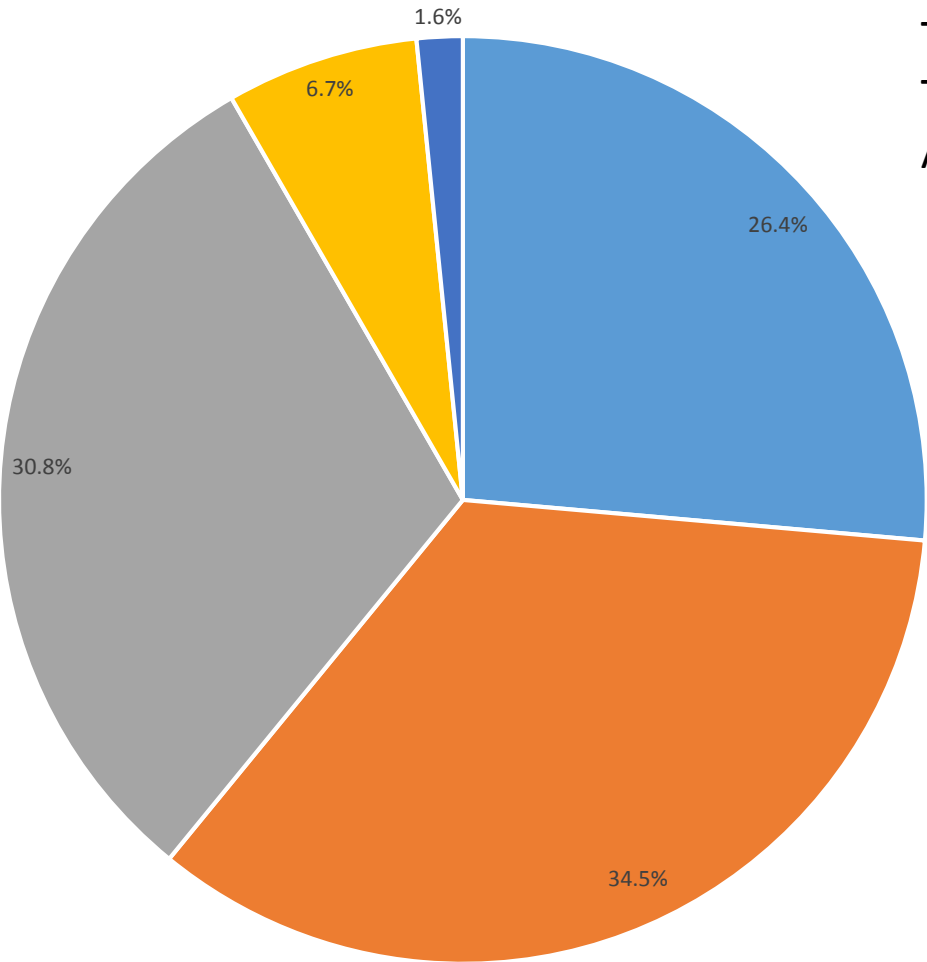
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2013-2014

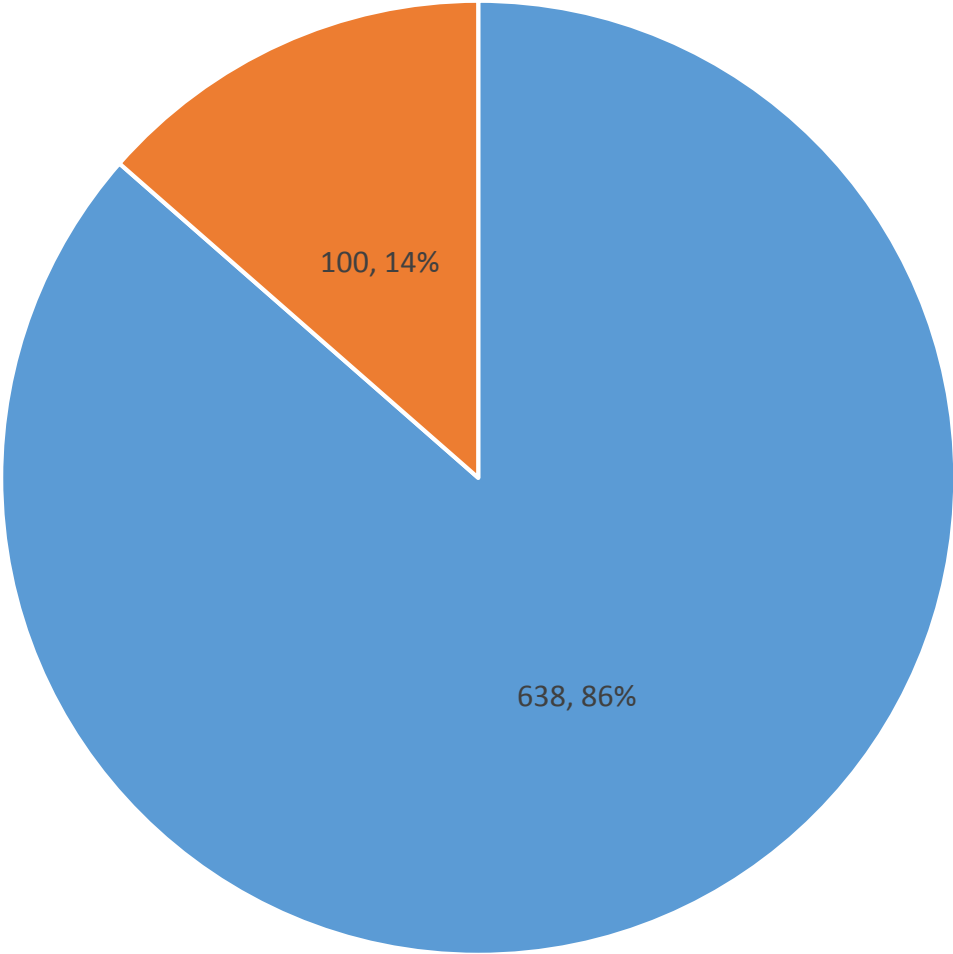
2013-2014 Calls By City



■ Burlington ■ Williston ■ Winooski ■ South Burlington ■ All Other

Total Calls: 738
Top 15 Callers: 638
All Other: 100

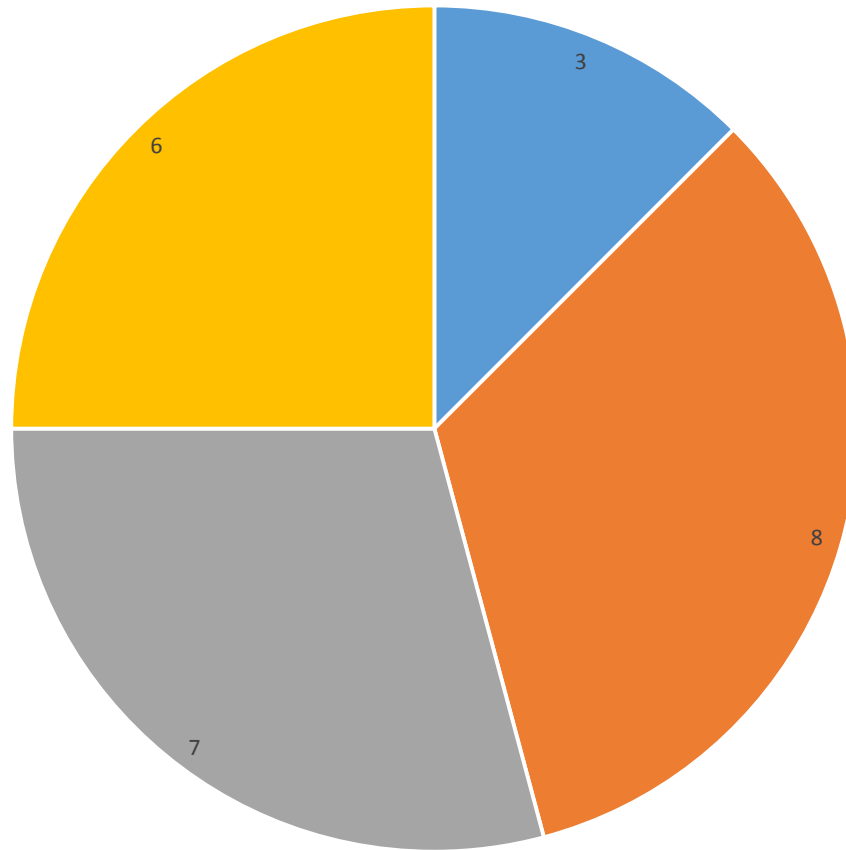
2013-2014 Noise Complaint Calls



■ Top Fifteen Callers ■ All Others

2015

2015 Calls By City



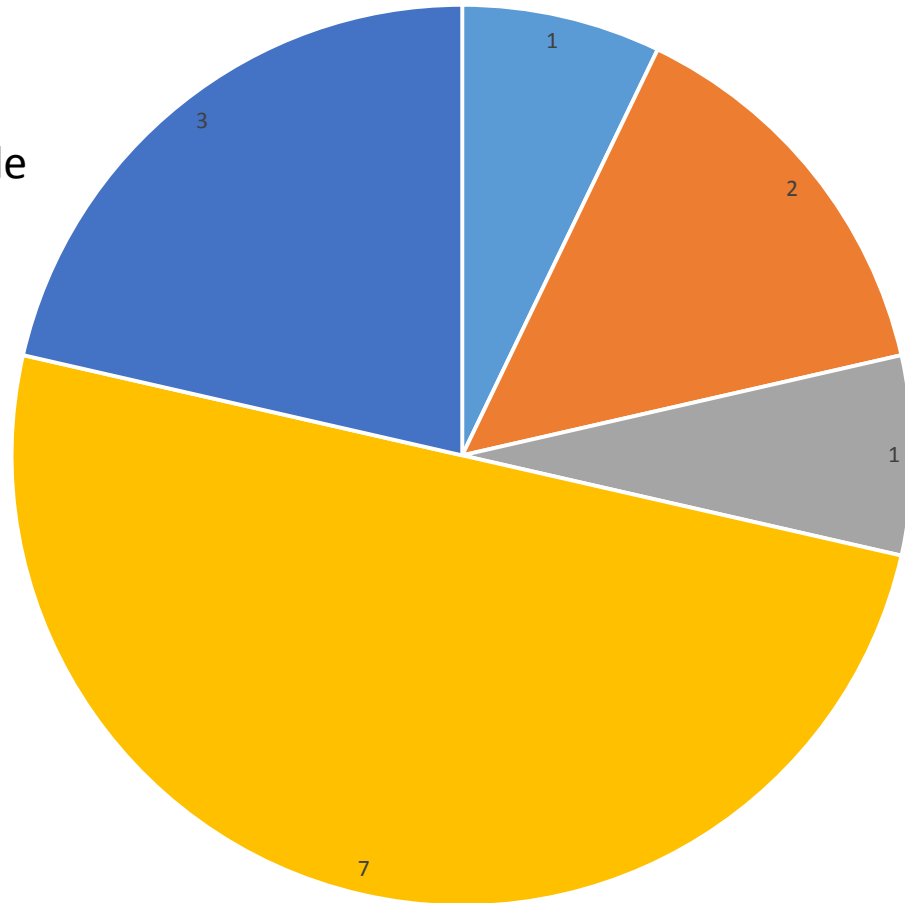
■ Burlington ■ Winooski ■ South Burlington ■ Williston

Total Calls: 24
Only from 11 People

2016

2016 Calls by City

Total Calls: 14
Only from 9 People



■ Burlington ■ Hinesburg ■ South Burlington ■ Williston ■ Winooski

2017

-One call to-date