



NextGen Briefing
with
Budget & Taxation Committee

Thursday, February 1, 2018





AIR SERVICE IS A BENEFIT TO THE STATE

- Air service is the transportation connection to the national and global economy.
- BWI Marshall is the 22nd busiest airport in the United States, and the busiest in the Washington-Baltimore region.

AIR SERVICE IS A BENEFIT TO THE STATE



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IMPACT ON STATE AND LOCAL REVENUE (MILLIONS)



ECONOMIC IMPACT OF BWI



AIRPORT-GENERATED



VISITOR-GENERATED



Source: Baltimore/Washington International Thurgood Marshall Airport
Regional Economic Impact of BWI Marshall Airport, December 2017



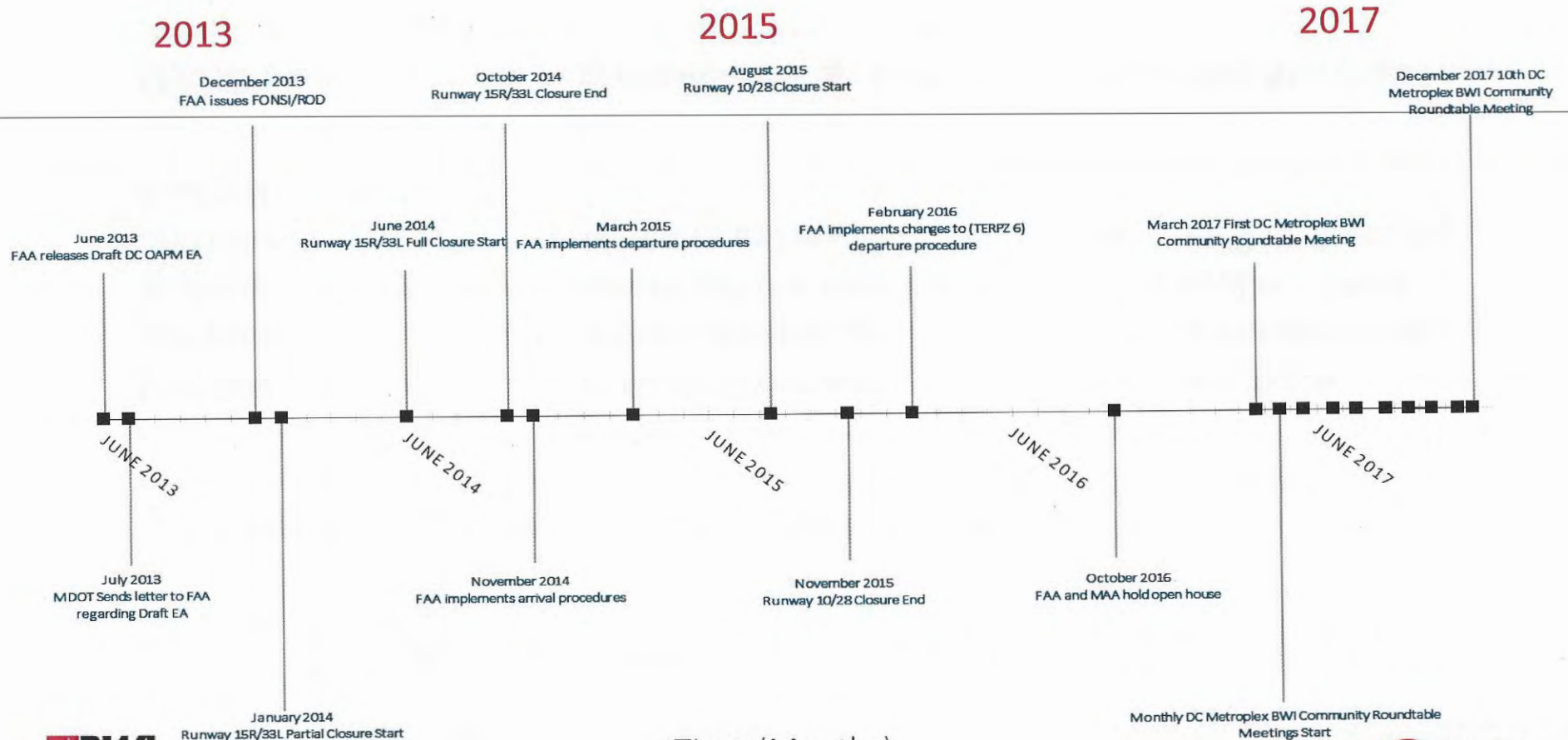


THE FAA HAS REGULATORY CONTROL

- **FAA manages the airspace throughout the United States** pursuant to a grant of exclusive sovereignty from Congress. 49 U.S.C. § 40103(a). Recently, and as directed by Congress, FAA has been developing new routes and flight procedures that take advantage of newer Global Positioning System (“GPS”) and flight computer technologies to fly more precise, predictable and concentrated routes, as compared to radar and manual control used for conventional routes. These procedures are generally referred to as Next Generation (“NextGen”) or Precision-Based Navigation (“PBN”).
- **FAA air traffic control directs commercial air traffic to and from BWI Marshall** based on designated routes. FAA is responsible for ensuring the safe and expeditious flow of traffic.
- **BWI Marshall does not control where or when aircraft fly.** BWI Marshall is responsible for ensuring FAA regulations are met, and for ensuring runways and taxiways are in good working conditions.

LET'S FRAME THE ISSUE

DC Metroplex Timeline



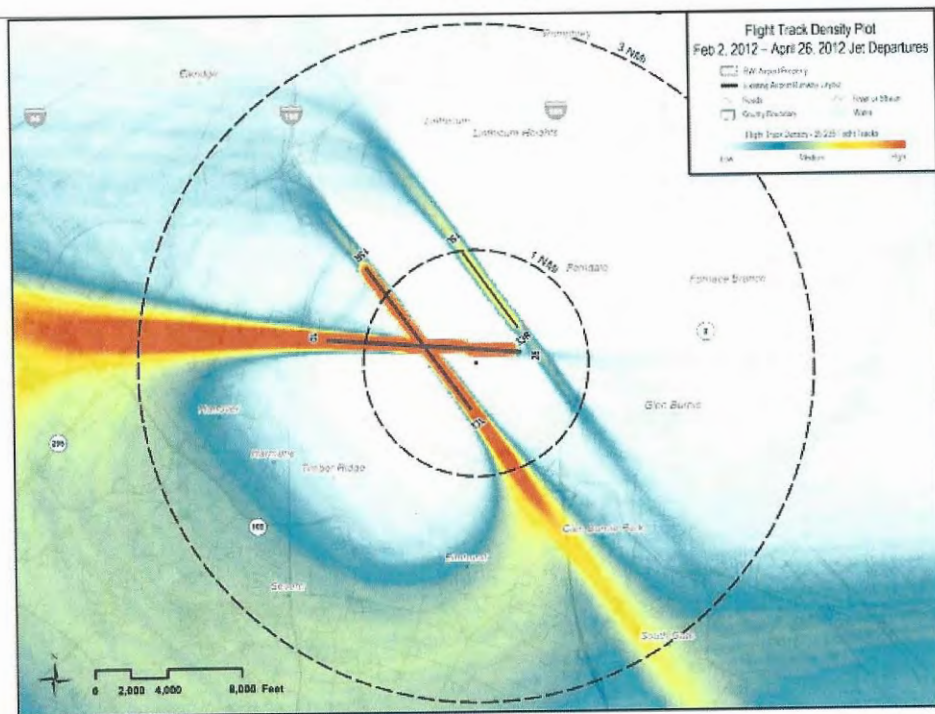
Time (Months)



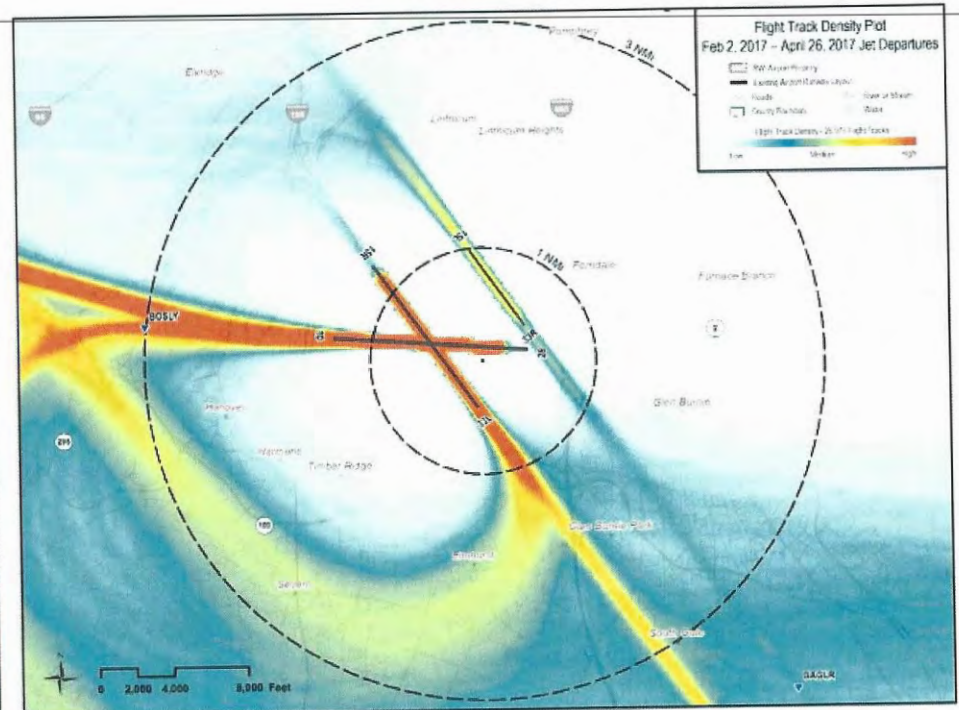
THE ISSUE: DC METROPLEX

Example of Pre- and Post-Metroplex Jet Departures

Pre-Metroplex



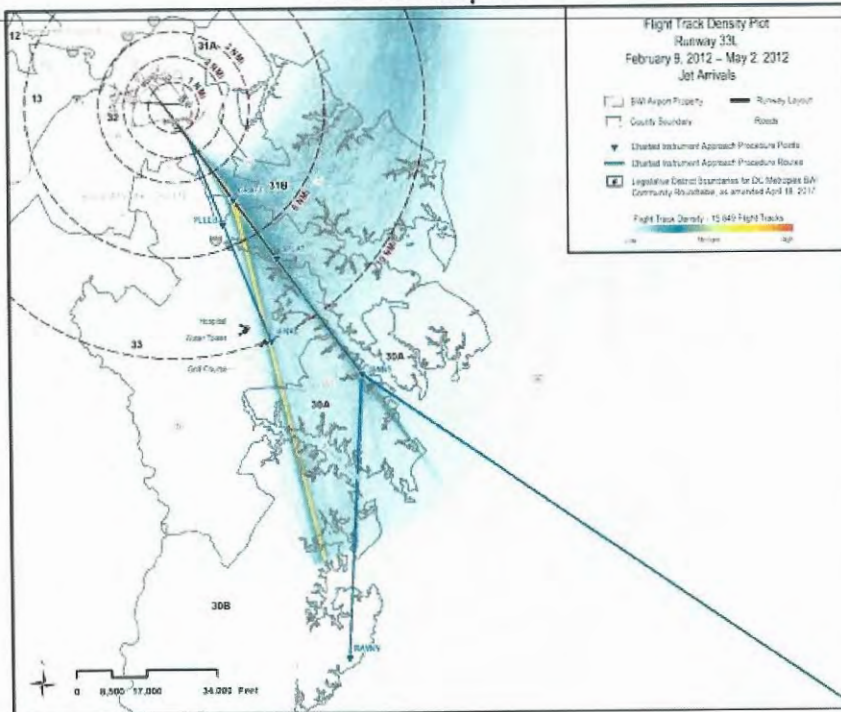
Post-Metroplex



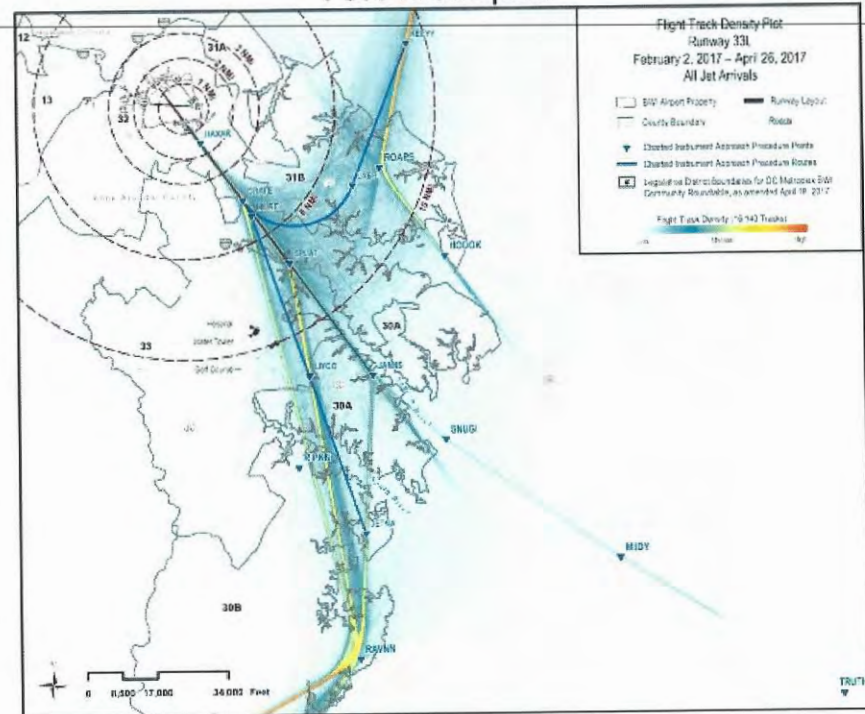
THE ISSUE: DC METROPLEX

Example of Pre- and Post-Metroplex Runway 33L Jet Arrivals

Pre-Metroplex



Post-Metroplex



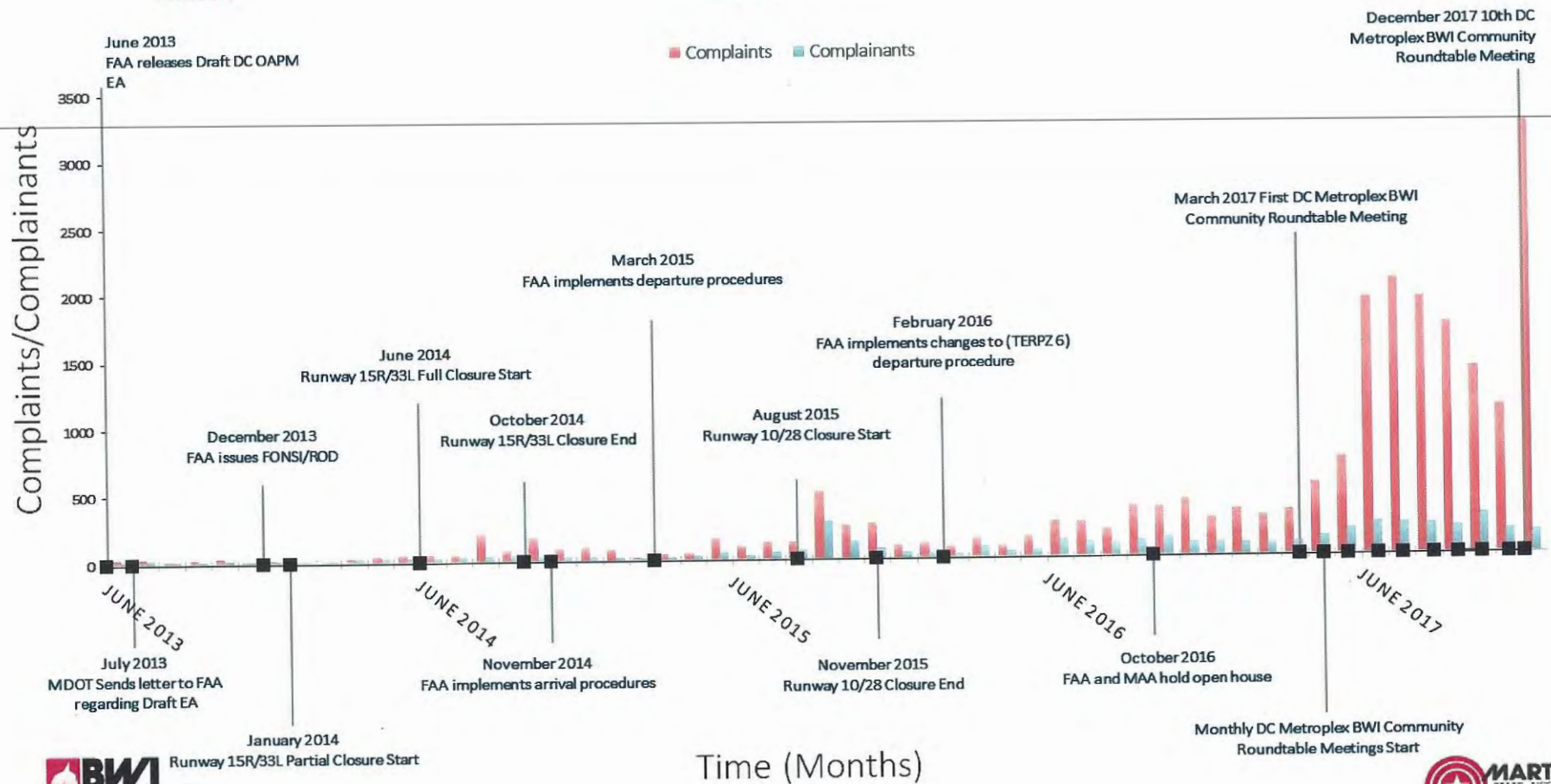
THE ISSUE: IMPACT OF NEXTGEN AT BWI MARSHALL

DC Metroplex Timeline with Noise Complaints

2013

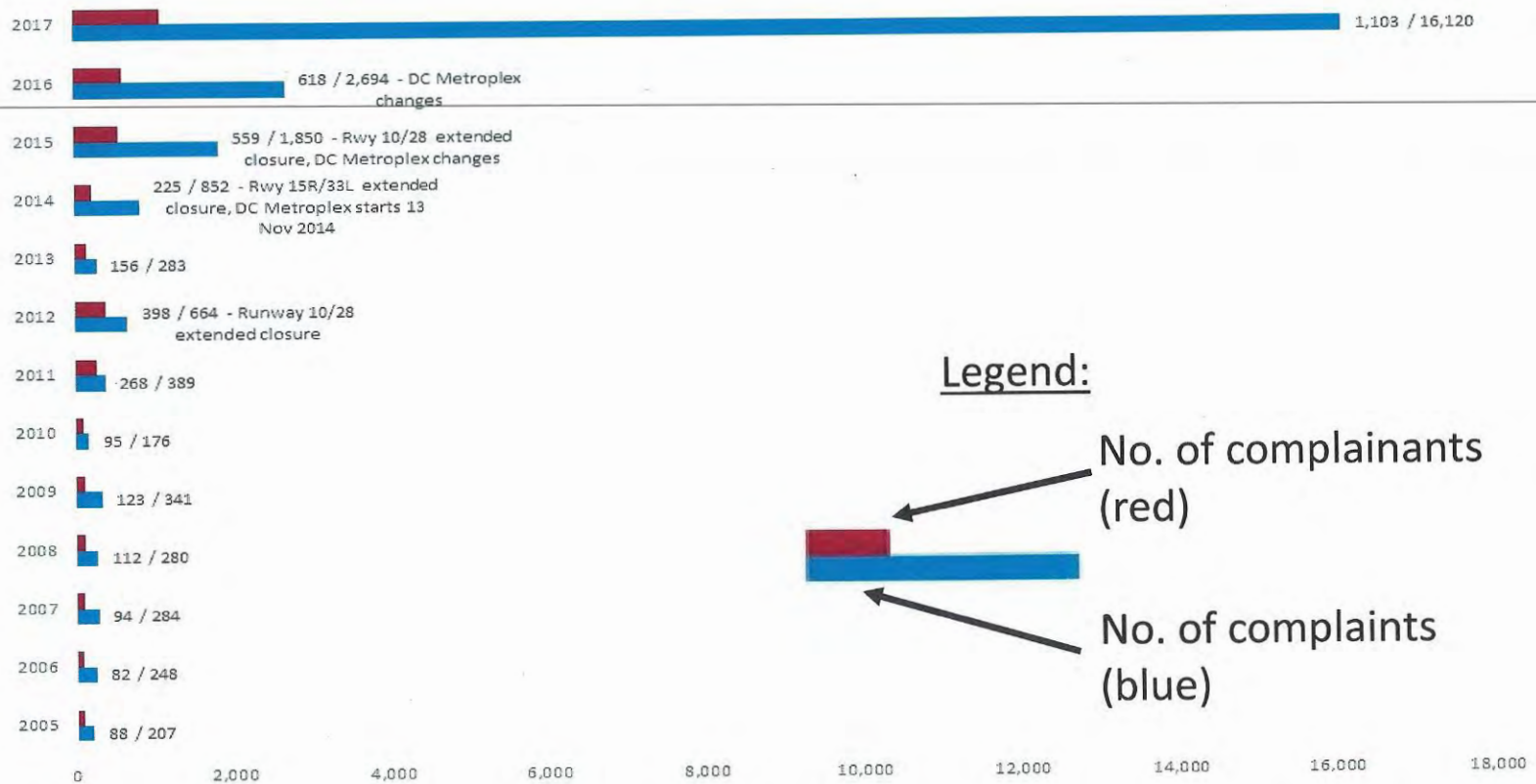
2015

2017



THE ISSUE: COMPLAINTS AND COMPLAINANTS 2005-2017

Noise complaints and complainants - BWI Marshall Airport
 Calendar years 2005 - 2017
 With relevant airspace events





STATE'S RESPONSE

- **In October 2015, MDOT MAA Executive Director Ricky Smith sent a letter to FAA Administrator Michael Huerta** sharing the MDOT MAA and community's concerns with the FAA's June 2013 DC Metroplex Environmental Assessment.
- **In April 2016, MDOT MAA Executive Director Ricky Smith again reiterated its request that the FAA** restore procedures to those outlined in the Noise Abatement Plan.
- **In March 2017, the DC Metroplex BWI Community Roundtable was established by MDOT MAA** at the request of FAA.
- **In May 2017, Governor Larry Hogan sent a letter to FAA Administrator Michael Huerta** requesting that FAA return to pre-NextGen flight patterns for a period of time while state and local stakeholders are engaged in further discussions.



STATE'S RESPONSE

- **In August 2017, Governor Larry Hogan sent a letter to U.S. Transportation Secretary Elaine Chao requesting a response to the concerns of Maryland citizens affected by NextGen.**
- **In September 2017, Governor Larry Hogan directed the Maryland Attorney General Brian Frosh to take steps to file suit against the FAA in response to noise concerns resulting from BWI Marshall and Reagan National Airports.**
- **In October 2017, Governor Larry Hogan approved the Maryland Attorney General's request to retain Kaplan Kirsch & Rockwell as outside counsel.**
- **MDOT MAA continues to participate in the FAA's Performance Based Navigation Working Group to provide feedback on potential revisions to BWI procedures.**



STATE'S POSITION

- Flight paths should be restored to the pre-NextGen flight paths.
- MDOT MAA continues to serve as a technical advisor to the Roundtable.
- MDOT MAA continues to work with the Roundtable and FAA on flight procedures.
- Should FAA move forward with new procedures, MDOT MAA will request a robust environmental review with appropriate levels of community involvement.