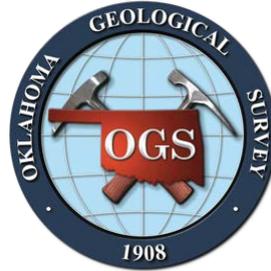




Oil and Gas Conservation Division (OGCD)



March 29, 2018

Contact: Matt Skinner  
405-521-4180  
m.skinner@occemail.com

## **JOINT STATEMENT REGARDING THE USGS 2018 SEISMICITY HAZARD MAP**

The United States Geological Survey (USGS) update to the one-year forecast for seismic hazard in 2018 suggests that the seismic hazard remains relatively high throughout the state. The study illustrates the difficulty and questions that remain in developing an accurate predictive model. The findings also underscore the need for a robust and continued combined effort for monitoring and regulation on induced seismicity in Oklahoma.

Thanks to research by the OGS and others, subsequent actions taken over the past three years by the OGCD and industry have been instrumental in reducing the earthquake rate in Oklahoma. However, as we've said before, Oklahoma is not out of the woods yet. While there is room for debate as to the actual future risk, researchers are in general agreement that past and possibly present levels of wastewater disposal into the Arbuckle formation have led to a greater current seismic risk, and that Oklahoma continues to experience induced seismicity. Both are unacceptable.

Further actions based on the data can be expected. We hope resources will become available for furthering this critical effort, including a statewide seismic network and funding for the OGCD's Induced Seismicity Department.

-occ-

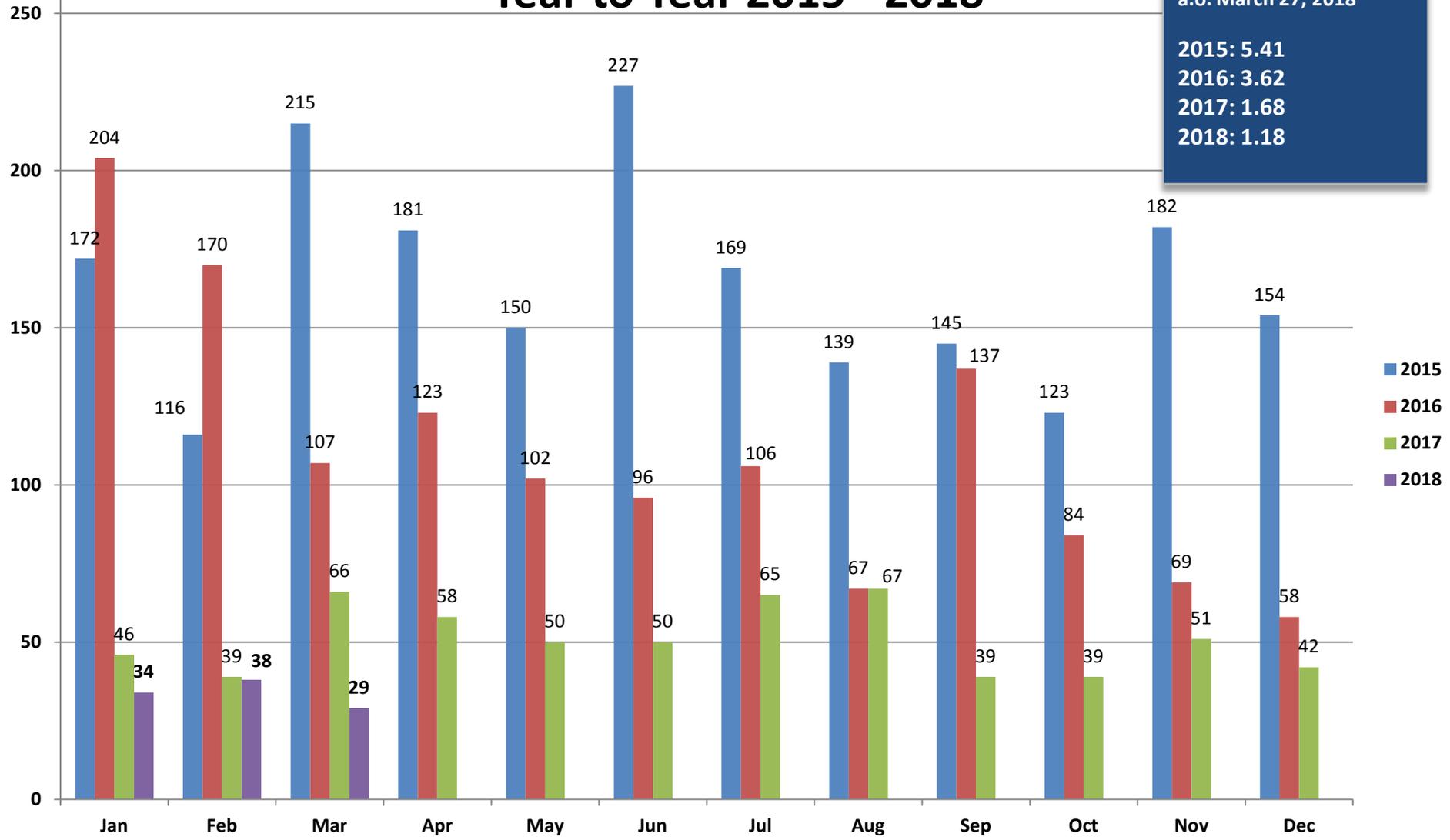
Editors, Producers: The latest earthquake rate chart for Oklahoma is attached. A summary of OGCD induced seismicity actions can be found at [www.occeweb.com](http://www.occeweb.com).

# Earthquake Count 2.7+ OGS Catalog

## Year to Year 2015 - 2018

Statewide EQ/day  
 Year to Year  
 a.o. March 27, 2018

2015: 5.41  
 2016: 3.62  
 2017: 1.68  
 2018: 1.18





# Earthquake Count 3.0+ OGS Catalog

## Year to Year 2015 - 2018

Statewide EQ/day  
Year to Year  
a.o. March 27, 2018

2015: 2.47  
2016: 1.70  
2017: 0.82  
2018: 0.54

