

Robert Yager

From: Robert Yager <yagerra@comcast.net>
Sent: Wednesday, March 7, 2018 8:58 PM
To: 'Dale Stuart'; 'Frank Ferriolo'; 'Jeanne Langlois'; 'John Giannangeli'; 'Karen Reilly'; 'Lana Mangiapane'; 'Mike Bailey'; 'Robin Buxar'
Cc: 'Paul Strelchuk'; 'Marty McQuade'; Greg Ball (gball@oaklandtownship.org)
Subject: RE: Second Large Data Problem in 483 Page FOIA #1817

Mr. Stuart –

The EMS data is simply incorrect.

The response time for each individual run is incorrect on the low side.

OTFD has always used an incorrect method for determining “Unit Arrives on Scene Time”. They do NOT follow the methodology required by OCMCA Protocol 6-18.

A “unit” consists of an ALS ambulance and either two paramedics or one paramedic and one EMT. When all that gets to the scene we can “stop the clock” as OTFD puts it.

OTFD improperly treats the first person to arrive with a radio as a “unit” and inputs this time (data from Pontiac Sheriff Office dispatch) into the Michigan EMS Information System database. Only later does a true “unit” arrive. This creates falsely low response time data. It looks pretty on output graphs, but is wrong. Garbage in; garbage out.

In the 2017 data the column “Compliant Scene” gives the correct response time. It was specially determined from dispatch data in a project to determine what our true response times were. This data was never inputted to Michigan EMS Information System database and therefore was not used in the summaries presented to OCMCA to gain acceptance of our 2018 certification report. The project results were never shared with the Board. I have a detailed analysis of it by section which I previously provided OTFD.

Secondly in the “map” presentation to BOT on pages 21, 22 the correct data was not used. The “old-style” non-OCMCA data was used.

Our data input to Michigan EMS Information System needs to change to be correct. It is out of compliance with OCMCA Protocol 6-18 for methodology and actual response time performance.

The table provided to BOT needs to reflect compliant data.

I thought this was already well understood by OTFD.

I will be explaining the above and answering questions from Officers on Monday 2/12. You and/or any knowledgeable fire department members are welcome to come and refute my claims.

Bob Yager

From: Dale Stuart [mailto:dstuart@oaklandtownship.org]
Sent: Tuesday, March 6, 2018 1:01 PM
To: Robert Yager <yagerra@comcast.net>; Frank Ferriolo <fferriolo@oaklandtownship.org>; Jeanne Langlois <jlanglois@oaklandtownship.org>; John Giannangeli <jgiannangeli@oaklandtownship.org>; Karen Reilly <kreilly@oaklandtownship.org>; Lana Mangiapane <lmangiapane@oaklandtownship.org>; Mike Bailey

Cc: Paul Strelchuk <pstrelchuk@oaklandtownship.org>; Marty McQuade <mmmcquade@att.net>
Subject: RE: Second Large Data Problem in 483 Page FOIA #1817

The data provided to the BOT is not deficient nor misleading. It is a compilation of the data OTFD has amassed and provided for the purpose of analysis. It has been provided so the BOT can have the most current data available when making policy decisions. Making sweeping statements of purported *facts* is not only not useful but misleading. I am aware of no data that supports the idea that "EMS agencies generally agree that 90% fractal is a more useful number". The OTFD is a first class fire department that answers all of the calls it receives and provides the necessary level of care for which the situation calls.

Dale Stuart

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From: Robert Yager [<mailto:yagerra@comcast.net>]
Sent: Tuesday, March 06, 2018 12:02 PM
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Cc: Paul Strelchuk <pstrelchuk@oaklandtownship.org>; Dale Stuart <dstuart@oaklandtownship.org>; Marty McQuade <mmmcquade@att.net>
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Board of Trustees

CC: various

The second big deficiency I see in the data provided in the 483 page material under FOIA 1817 is the chart (attached) labeled "**EMS Run Data 1/1/2017 through 11/21/17**". It shows "Calls" and "Avg." for each of the Township 36 sections. This chart is sheets 21 and 22 in the report "**Oakland Township Fire Department Advanced Life Support2018 Plan**". I received that same raw data in FOIA 1770 and analyzed it earlier this year and provided the Chief, BOT and others my analysis. I have forwarded a copy just now as a reminder of this.

The averages shown the OTFD report were not determined using OCMCA methods to determine "Unit Arrives on Scene Time" per OCMCA Protocol 6-18, and are therefore misleadingly low.

standards are set with 90% fractals not averages. Houston, the nation's largest fire department uses 90% fractals and has power point explaining why.

As an example for Trustee Ferriolo's section 31 on this chart shows an average of 9:08 minutes. In reality the average in 2017 was 12:02 and the 90% fractal 15:24.

I will also explain this at Officer Office Hours. Of course there is the option of the Fire Subcommittee scheduling an open meeting to discuss this.

Bob Yager