

MFD Peak Activity Unit (PAU) Pilot Program

The Peak Activity Unit (PAU) model is a method of alleviating workload and focuses on non-emergency, lower acuity emergency medical calls during predictable peak activity times. Its purpose is to keep the primary fleet of emergency response vehicles and crews in service and available for the higher acuity, true emergency calls.

Some of the potential benefits of the PAU is to reduce the expensive staffing and vehicle response to likely non-life-threatening calls for service, and to improve Station reliability (Figure 44). As our calls for service continue to increase it is becoming more challenging to keep pace with the work load. MFD's station reliability is below 90% at two of our five stations. The other three station are just at or above 90%. As fire stations reach or dip below 90% station reliability it is less likely to be able to meet NFPA response time standards at the 90th percentile. This has been identified in our 2019 Master Plan (see Response Performance Table 14).

By using data from our 2019 Master Fire Plan. You can reasonably predict peak demands for service. MFD would like to explore the use of a PAU. We would like to run a Pilot PAU program for 3 months. We would staff our ambulance 2 days a week for 8 hours each day. We would staff the ambulance with 2 MFD firefighters on overtime. This PAU would primarily respond to low acuity calls and keep our engine companies in station. This PAU could also be available to respond to Structure fires, MVA's, and other emergency incidents to provide extra man power on scene. Our PAU would provide pre-transport patient care like our engine companies due today. MESI would still be the primary transport agency and our PAU would only transport if necessary for Patient safety or care.

This Pilot program could also give us the opportunity to explore the effectiveness and efficiency of not only the PAU but Medical Priority Dispatching and a potential Community Para medicine program.

We believe the cost of this PAU Pilot Program would be \$21,076. This is calculated using our composite overtime rate for 2 firefighters on overtime 8 hours per day 2 days a week for 3 months.