

M E M O R A N D U M

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TO: **MAYOR AND CITY COUNCIL**
FROM: **ERIC KING**
SUBJECT: **WEEKLY REPORT**
DATE: **JULY 12, 2019**



CITY OF BEND

Upcoming City Council meetings and other events

- July 17, work session at 3:00 p.m., regular meeting at 7:00 p.m. at City Hall in the Council Chambers
- August 5, CIP Tour, 9:00 a.m. to 12:00 p.m.
- August 7, work session at 5:00 p.m., regular meeting at 7:00 p.m. at City Hall in the Council Chambers
- August 20, Joint meeting with Deschutes County Commissioners, 1:00 p.m – 3:00 p.m., at Deschutes Services Building, 1300 NW Wall Street, Barnes/Sawyer Rooms,
- August 21, work session at 5:00 p.m., regular meeting at 7:00 p.m. at City Hall in the Council Chambers

League of Oregon Cities Conference Registration

The registration for the [LOC's annual conference](#) held on September 26 – 28 is now open. Keynote speaker this year is Fire Chief Darby Allen from Fort McMurry, Alberta. If you are interested in attending please let Susy (smunson@bendoregon.gov) know by August 7th.

LED Streetlight Information

Attached is the LED Street Light Conversion Fact Sheet from the Streets department. This project will start mid-July and is scheduled to be completed in December. Also attached is a LED Street Light conversion FAQ that is a great tool to use with the community.

BEDAB Update from Ben Hemson Council-Check in Next Wednesday

Stephanie Senner will provide the BEDAB comments during the quarterly Council Check in with Boards and Commissions next Wednesday, July 17th beginning at 3 pm in Council Chambers. Along with the standard BEDAB review of recent work and upcoming efforts this check-in will be a chance to tee up the notion of an Innovation District with Council and gauge interest in moving forward.

Anyone is welcome to attend, if you just want to catch the check in you can expect to be out of there by 5:00 p.m.

Other Notable Council Items Next Week

The regular business meeting at Council looks to be pretty short after the early start but there are two notable discussions scheduled:

- [Plastic Bag Ban Repeal](#)-Council will make a decision on a repeal of Bend's plastic bag ban in light of the recent passage of a statewide ban during the 2019 legislative session. The statewide ban goes into effect on January 1, 2020; the same date
- [5-Year Enterprise Zone Application for SiCamore Semi](#)-Council will hear a request to approve a five-year property tax abatement on new investment associated with SiCamore Semi's recent acquisition of the former MicroSemi

EDCO Made in Bend Tour

Thanks to EDCO for hosting another successful Made in Bend Tour yesterday. The event was well attended and put the spotlight on three local companies based in the industrial area on American Lane: [Kawak Aviation](#), [Earthcruiser](#), and [Brian's Cabinets](#). Each year it seems like the folks at EDCO turn up one somewhat overlooked business that manages to surprise everyone with the type of work they're doing tucked away in one of Bend's business parks. This year it was Kawak, building custom aerial firefighting equipment for a range of aircraft ([including LA County's new Blackhawk helicopters](#)) with a team of just over 30 folks.

Attachments

- Council Schedule
- Fire Report July 2019
- LED Street Light Conversion Fact Sheet
- LED Street Light conversion FAQ



Date	City Council / BURA Schedule	Agenda Material Due Dates (Legal/Finance) Final
August 5	CIP Tour, 9 a.m. to noon	
August 7	<p>Work Session</p> <ul style="list-style-type: none"> • Municipal Court Update <p>Regular Meeting</p> <ul style="list-style-type: none"> • Public hearing regarding surplus property at the corner of NW 3rd and NW Roanoke • Woodriver Village Sidewalks • Septic to Sewer Construction Management Contract • GMP Amendment to the Murphy Corridor Improvements Project (1XMCI) • Approve an amendment for the Empire Corridor Improvements CM & inspection services with OTAK • Second reading to repeal plastic bag ordinance • Amethyst Mahogany construction contract 	
August 20	Joint meeting with Deschutes County Commissioners, 1-3 p.m. Barnes Sawyer Room	
August 21	<p>Work Session</p> <p>Regular Meeting</p> <ul style="list-style-type: none"> • Resolution for eminent domain for the Murphy Corridor Improvements Project • Juniper Ridge - Amendment #1 - Council Resolution Hearing 	
September 4	<p>Work Session</p> <p>Regular Meeting</p> <ul style="list-style-type: none"> • Design Services Amendment to the Murphy Corridor Improvements Project • Welcoming Week Proclamation (Councilor Piper) 	
September 18	<p>Work Session</p> <p>Regular Meeting</p> <ul style="list-style-type: none"> • Waldorf Education's 100th Anniversary Year 	

October 2	Work Session Regular Meeting	
October 16	Work Session Regular Meeting	

- Work Session future topics to be scheduled
- Quarterly Council- Board/Commission check-ins (2nd meeting January, April, July, October)
 - Town Gown Committee Discussion (Jon)
 - Opportunity Zones
 - Airport Master Plan kick off (2019)
 - Phase 2 Ameresco contract
 - TID and Tumalo Creek Update
 - ODOT IGA for 3rd Street (Empire to Greenwood)
 - Restaurant parking requirements (as part of Code update)
 - Lines for Life (Chief Porter)
 - Update/check-in presentation on the Southeast Area Plan
 - Pahlisch NE (Petrosa)
 - CET update (August or Sept. Nick Arnis)
 - Bend Parkway Plan and Right –in Right Out entrances (August or Sept. Nick Arnis)

- Regular Agenda future topics to be scheduled
- Public hearing on vacation of Glenwood & Alden
 - Pump Station Decommissioning
 - Citywide Safety Improvements – Approval of construction contract for 3rd & Hawthorne and Franklin
 - Council adoption of amendments to Juniper Ridge Plan
 - Pioneer pump station



MONTHLY ACCOUNTABILITY REVIEW

2019

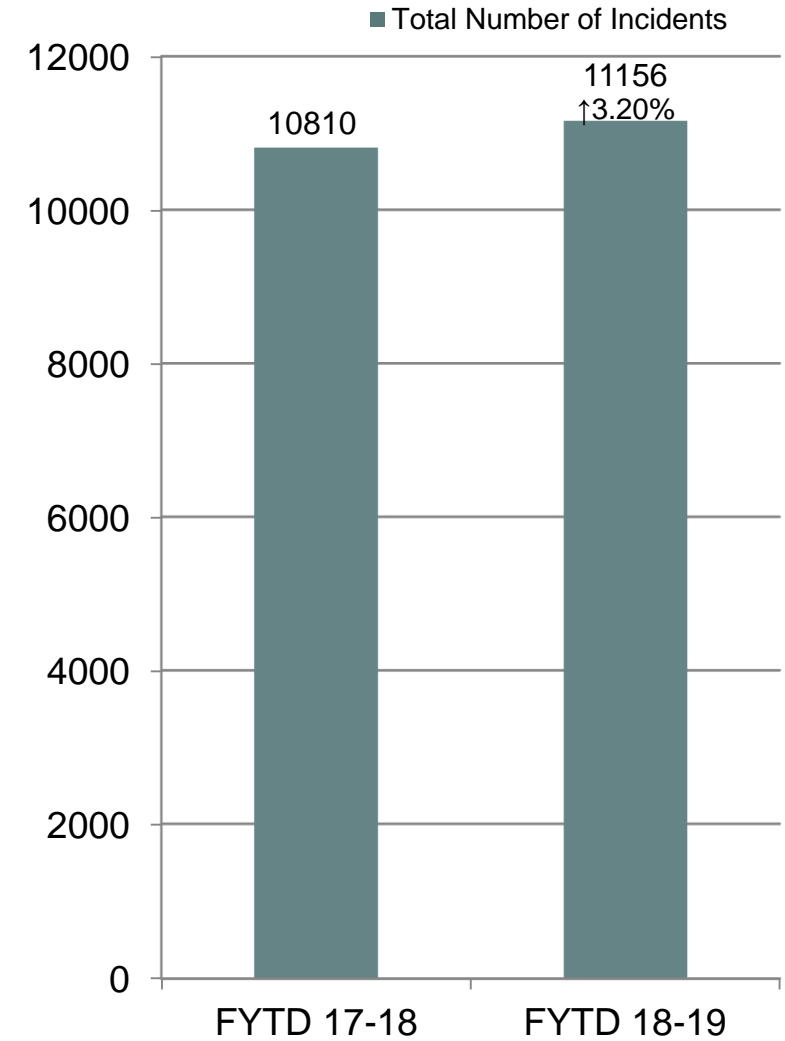
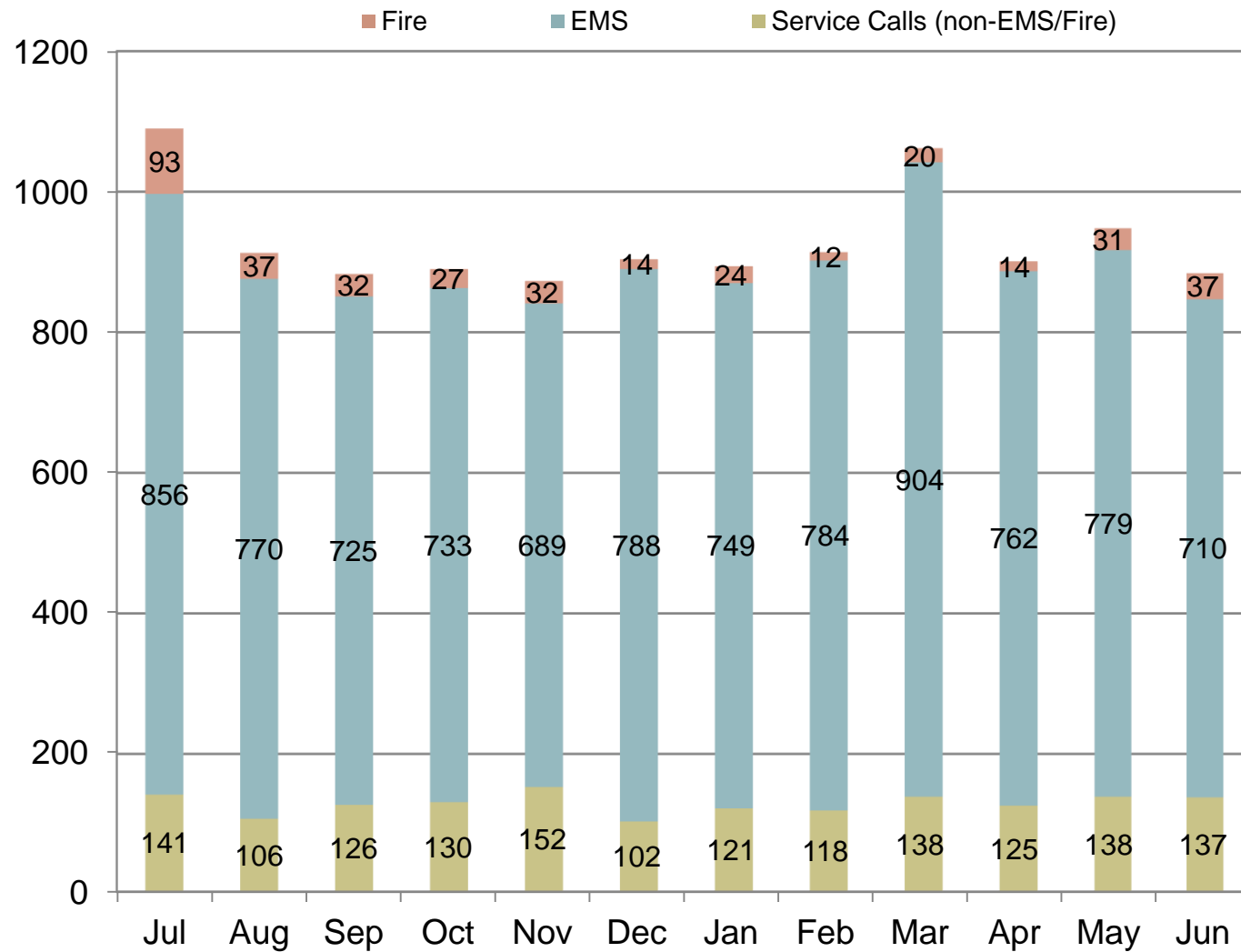
BUDGET HIGHLIGHTS BY CATEGORY

2018-2019

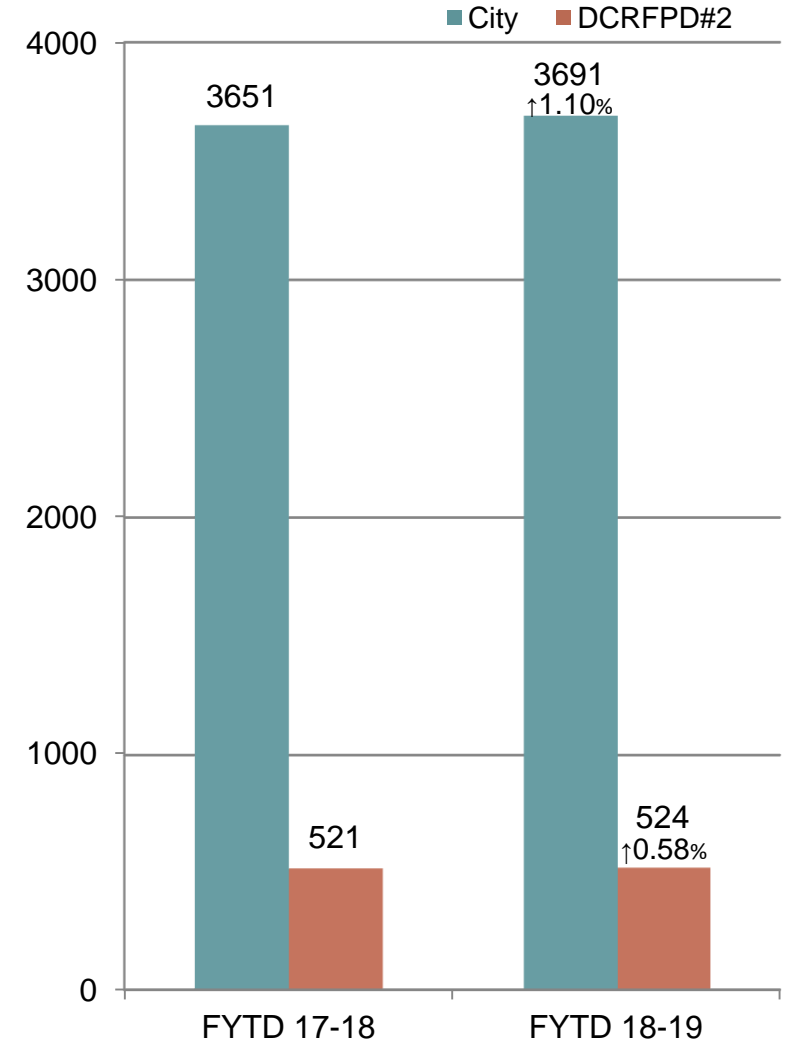
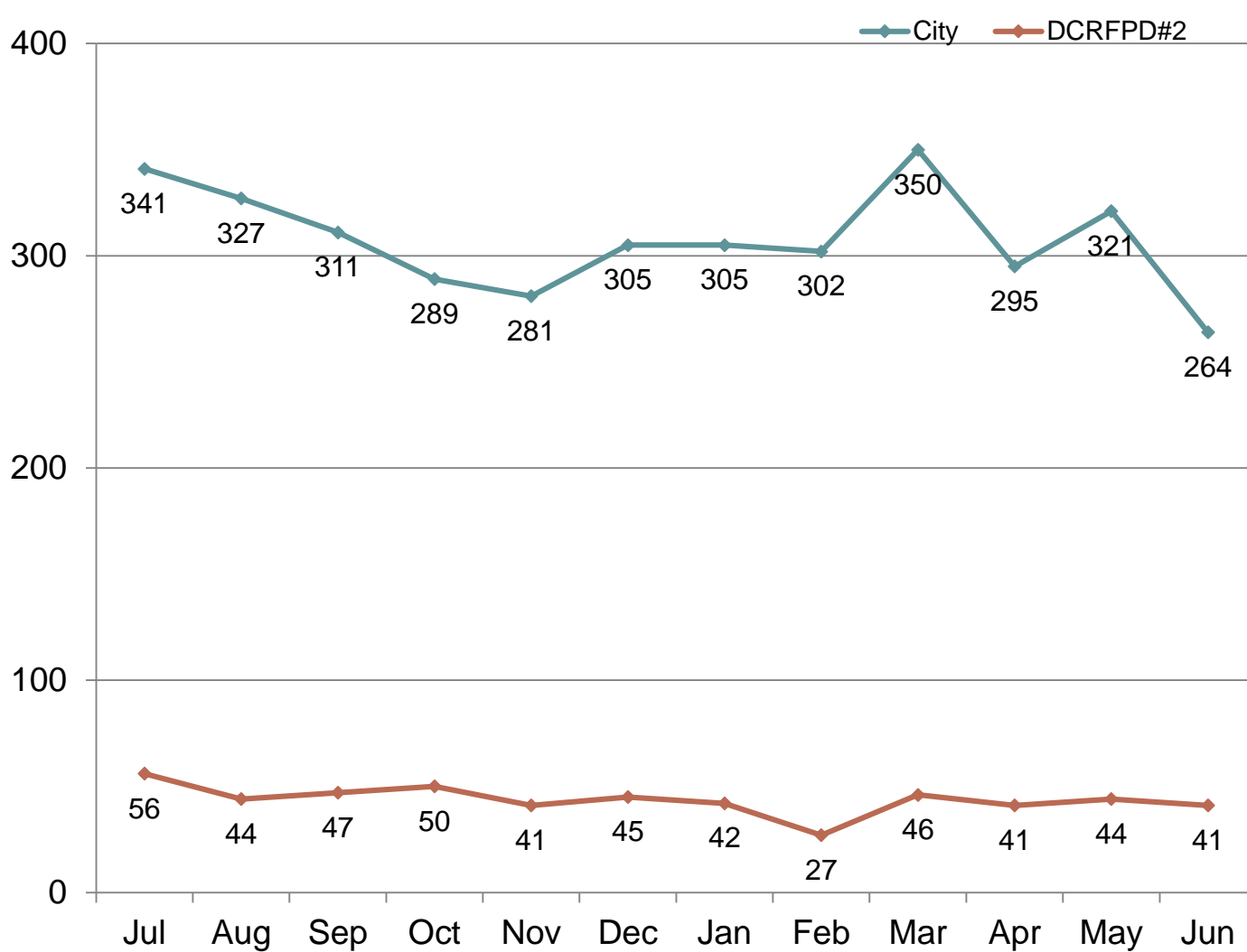


Year Elapsed: 100%	June 2019 Expenditures	Fiscal YTD Expenditures	2019 Encumbrances	2018-2019 Budget	Variance	% Expenditure YTD	2017-2018 % Expenditure (Jul-Jun)
Overall Budget	\$ 2,137,979	\$ 23,668,735	\$ 1,110,636	\$ 25,546,121	\$ 766,750	97.00%	100.88%
Budget Highlights by Category							
Personnel Services	\$ 1,572,653	\$ 18,477,003	\$ -	\$ 18,601,160	\$ 124,157	99.33%	103.98%
Materials & Services	\$ 175,646	\$ 1,810,674	\$ 159,044	\$ 2,035,698	\$ 65,980	96.76%	99.53%
Capital Outlay	\$ 28,773	\$ 437,595	\$ 951,592	\$ 1,780,226	\$ 391,039	78.03%	34.05%
Debt Service	\$ 179,659	\$ 580,124	\$ -	\$ 580,177	\$ 53	99.99%	99.99%

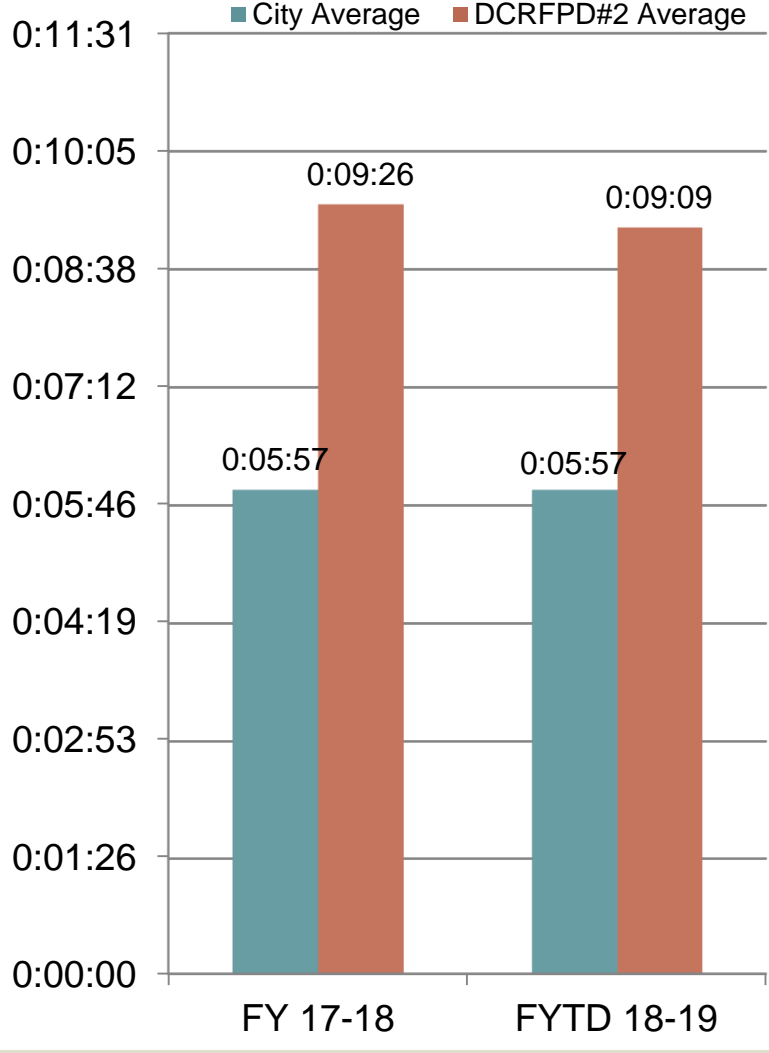
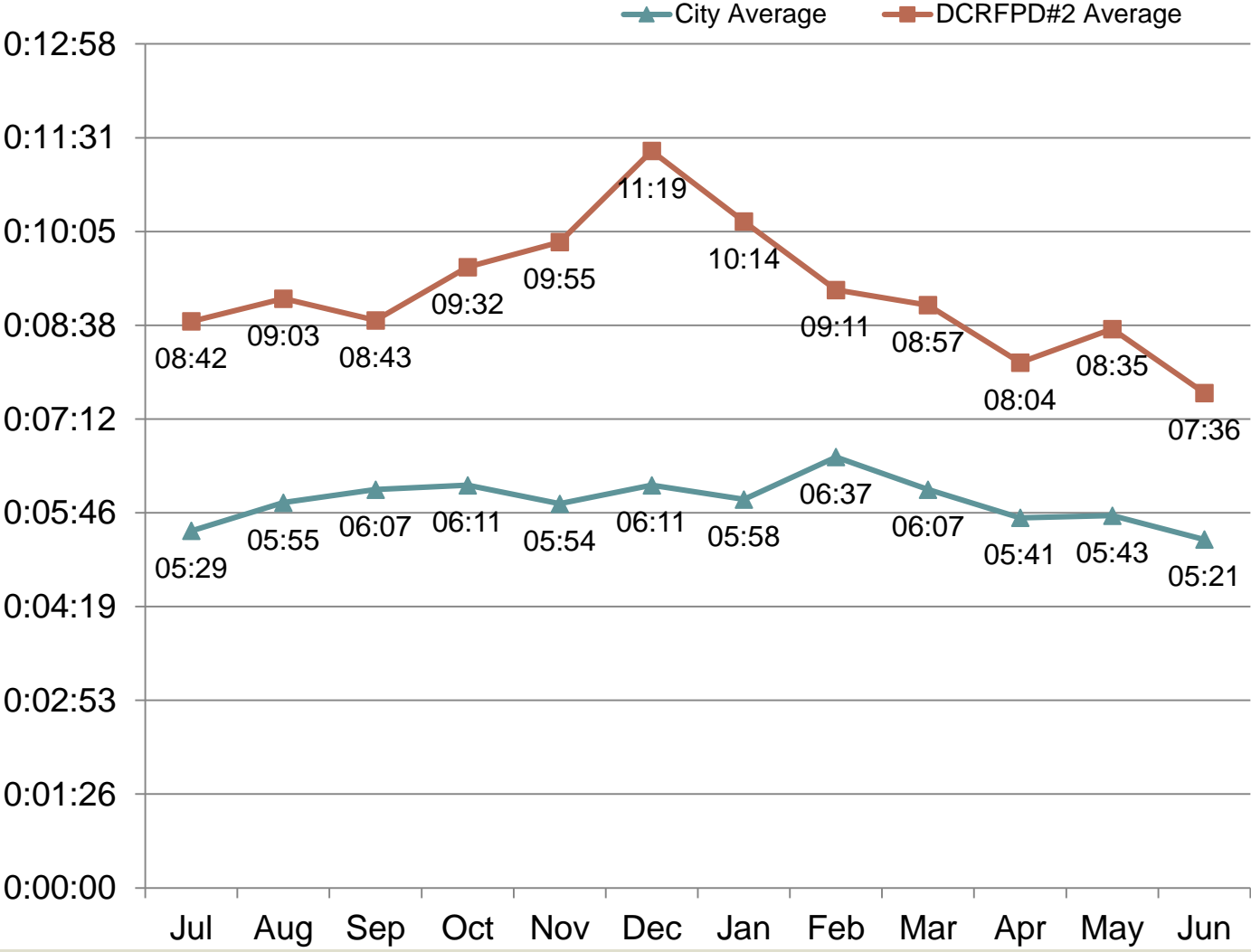
TOTAL CALLS FOR SERVICE 2018-2019



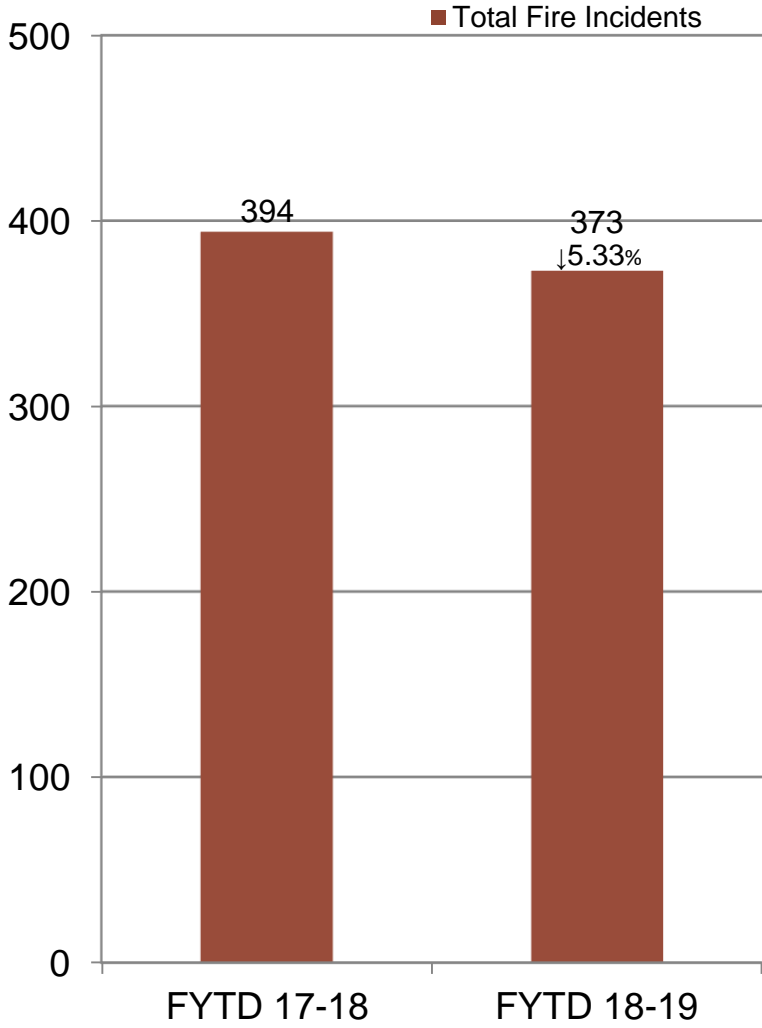
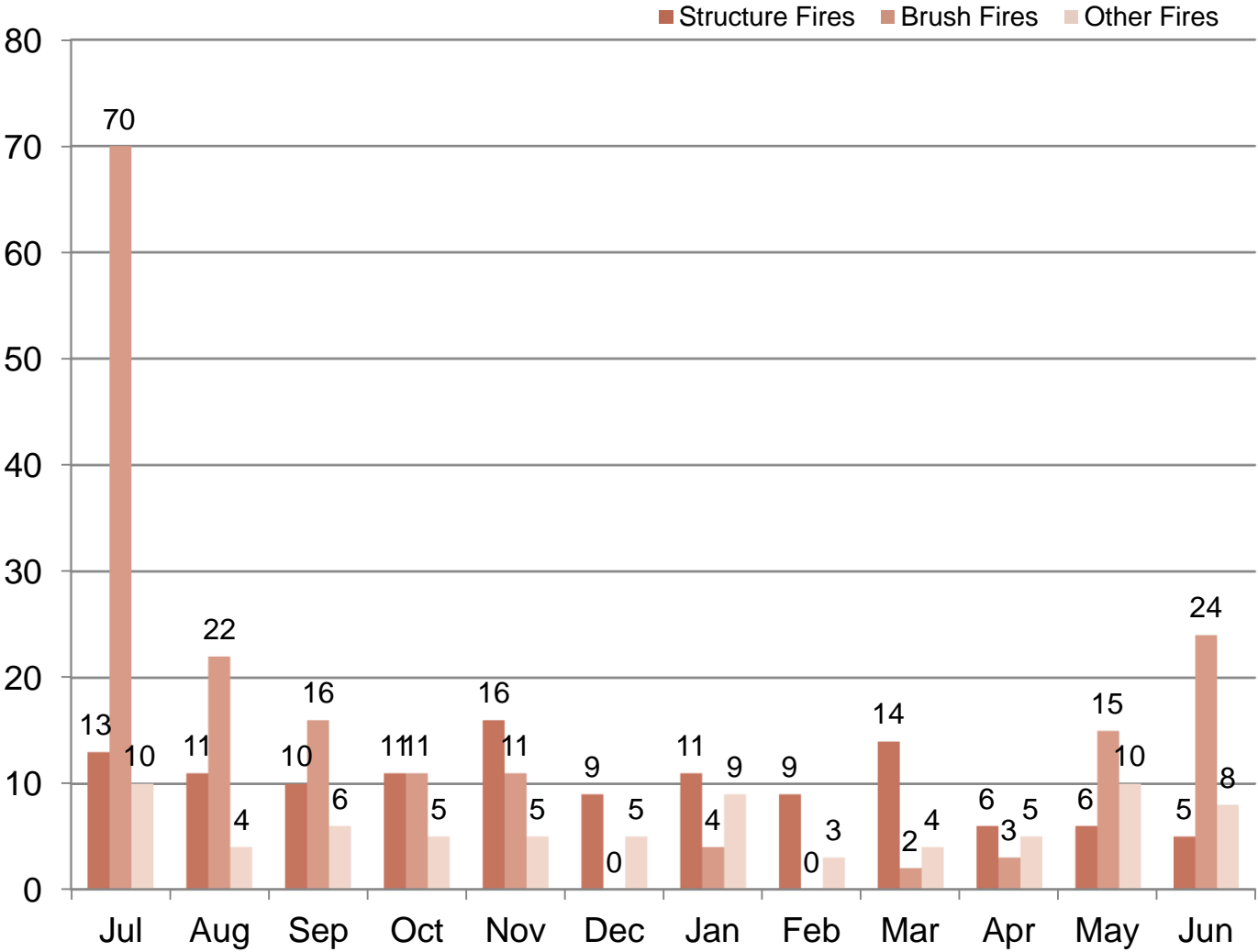
TOTAL EMERGENCY CALLS FOR SERVICE 2018-2019



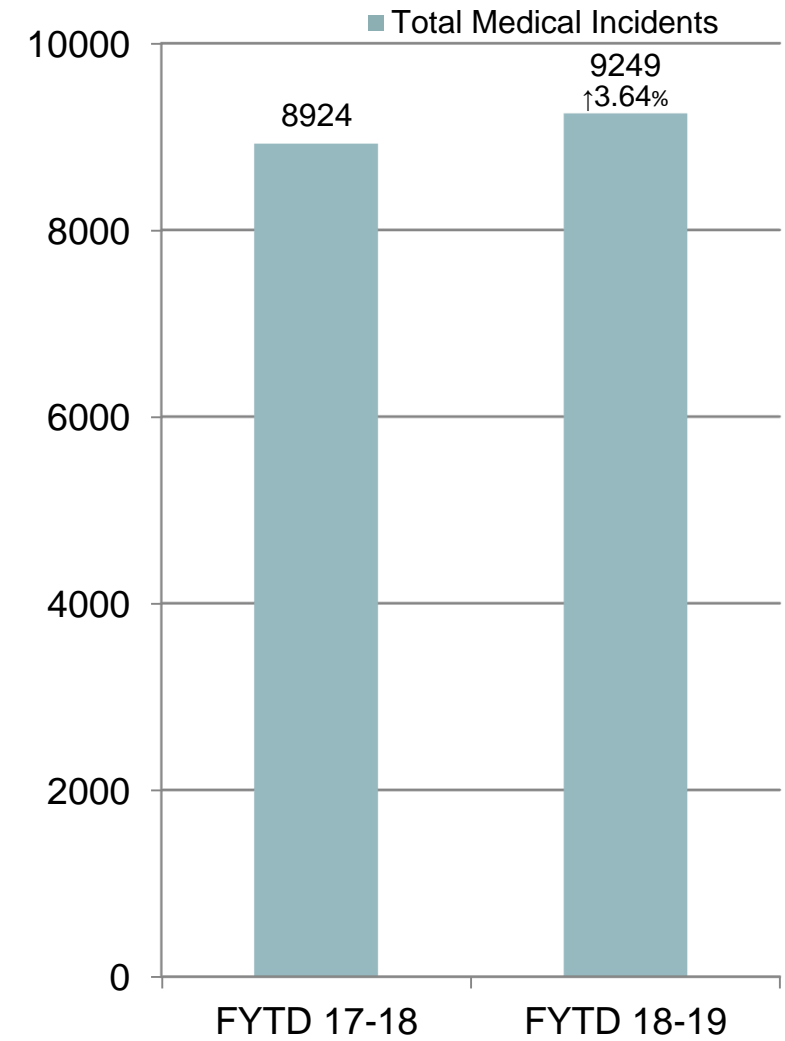
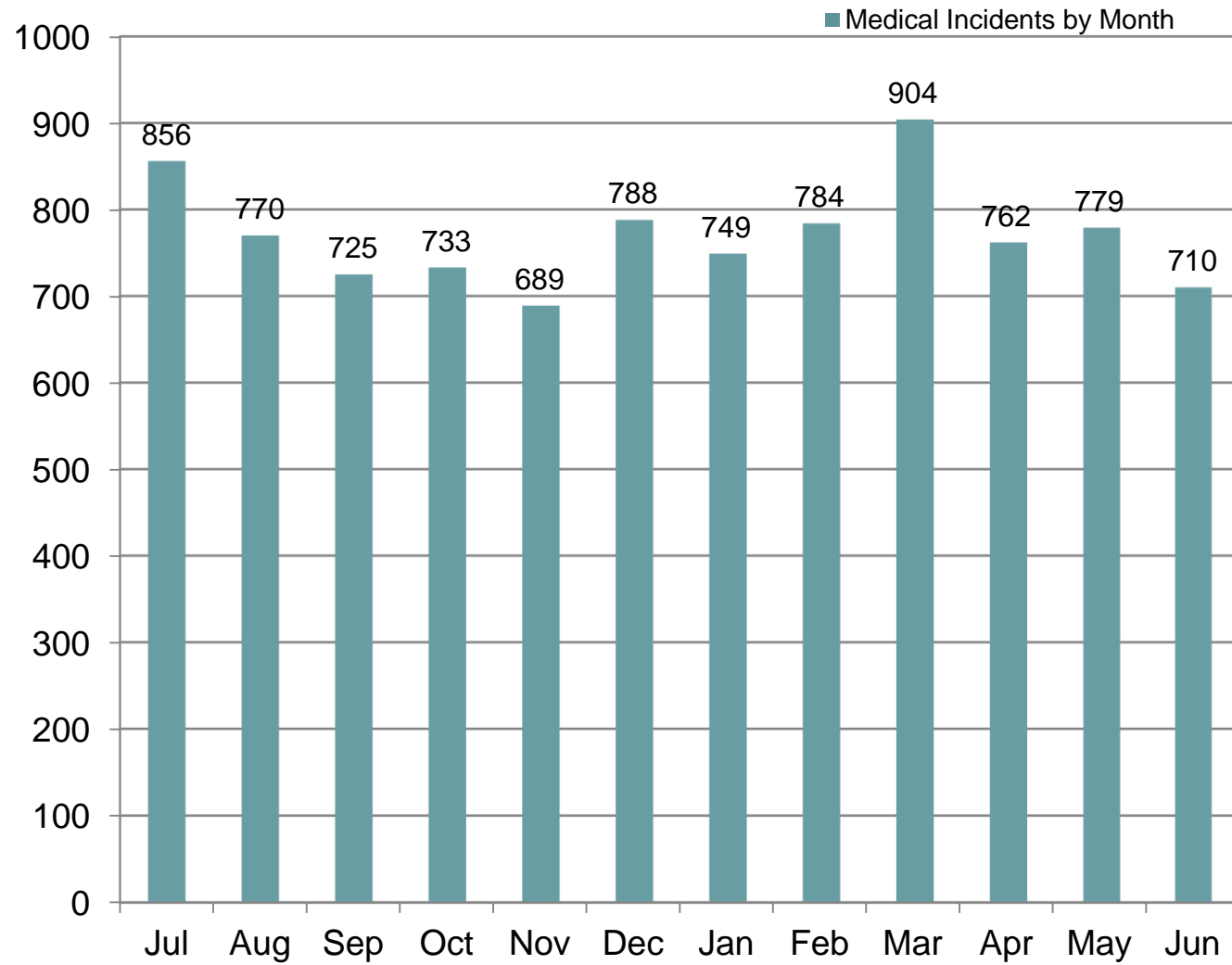
EMERGENCY RESPONSE TIMES 2018-2019



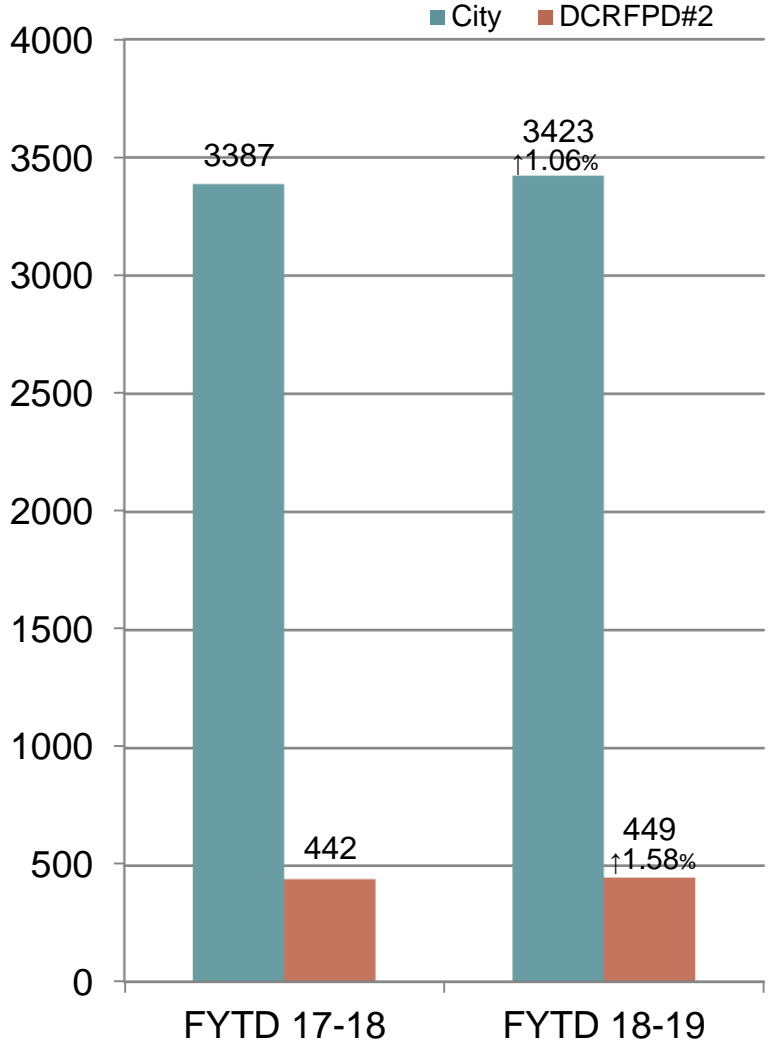
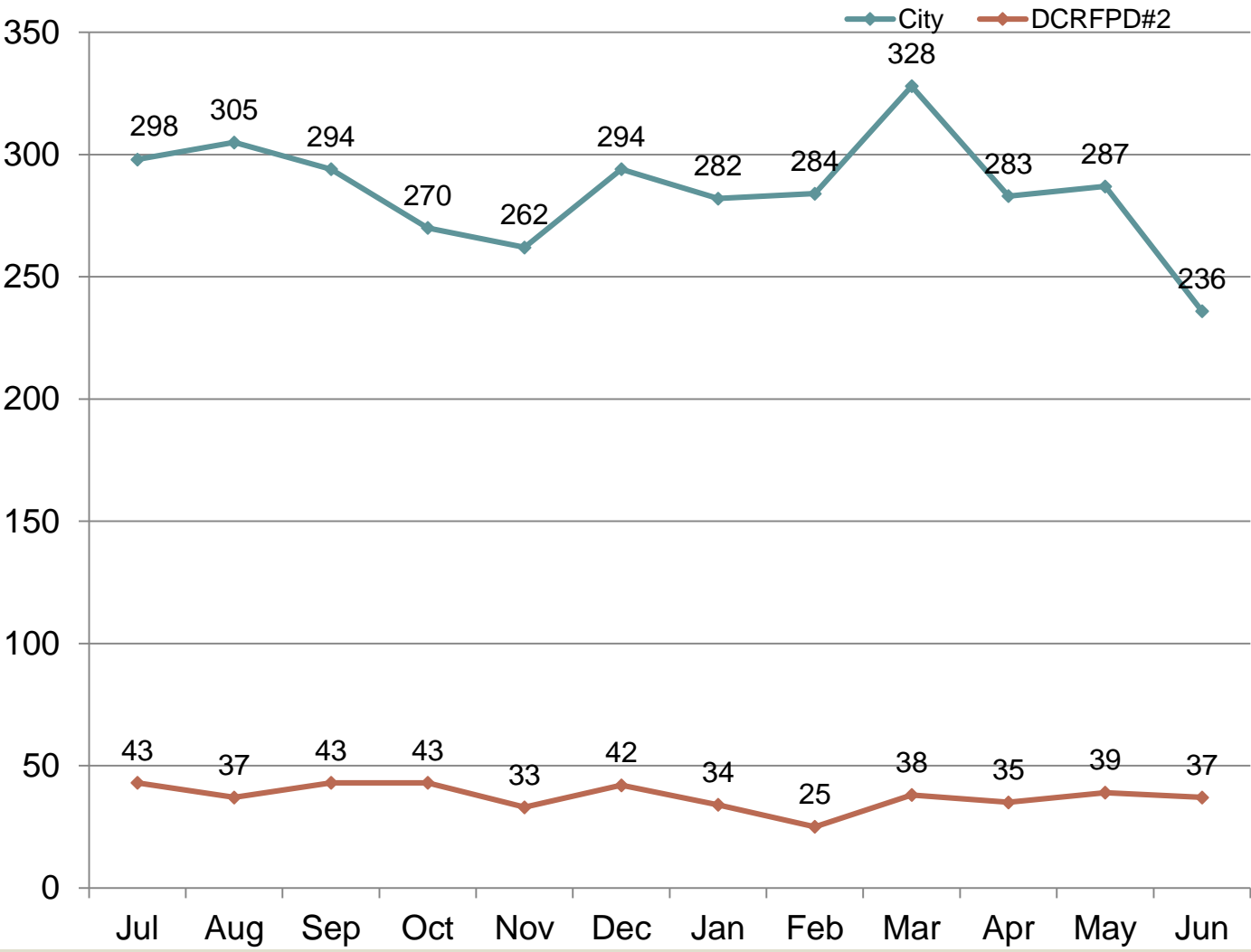
TOTAL FIRE INCIDENTS 2018-2019



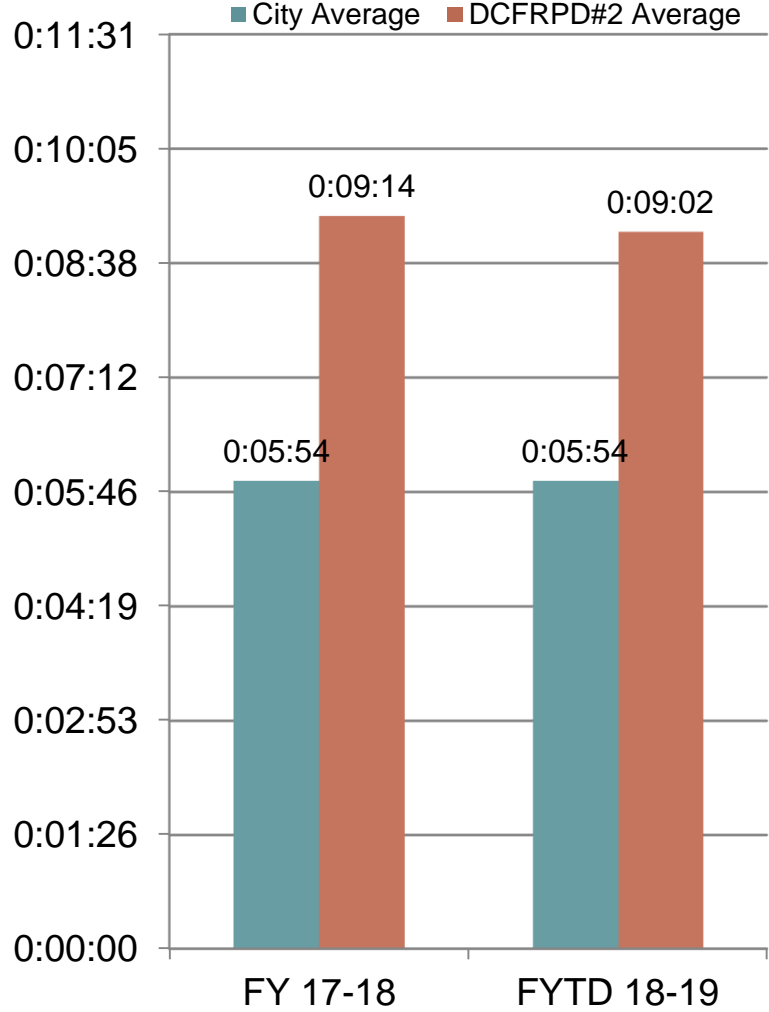
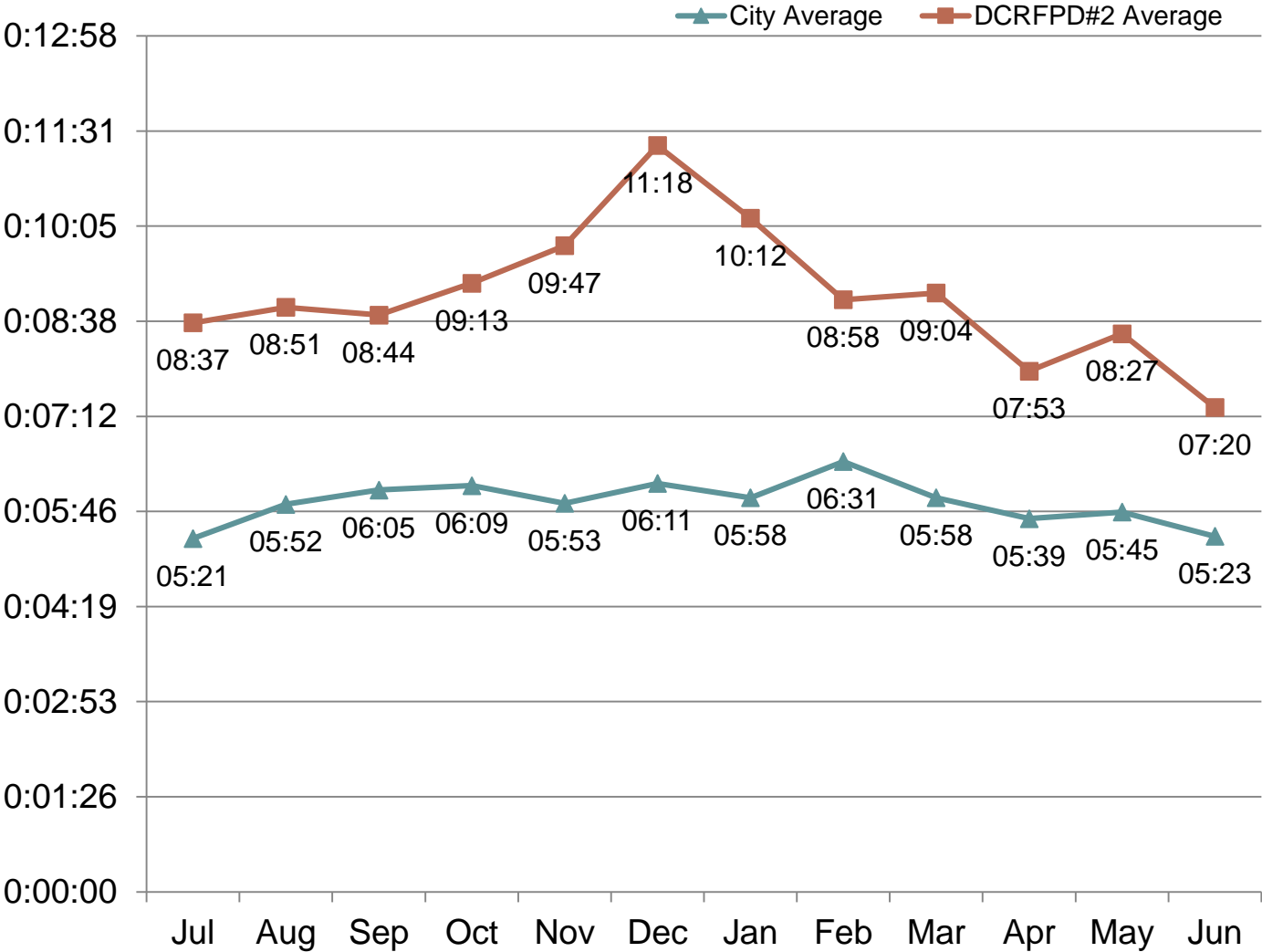
TOTAL MEDICAL INCIDENTS 2018-2019



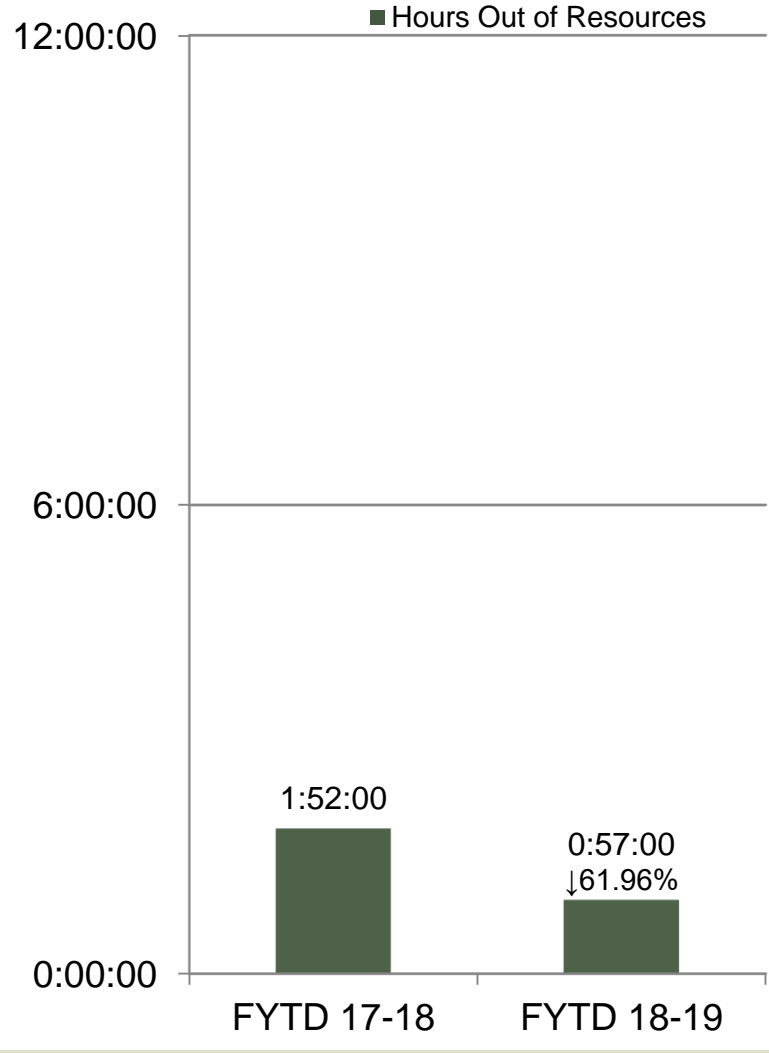
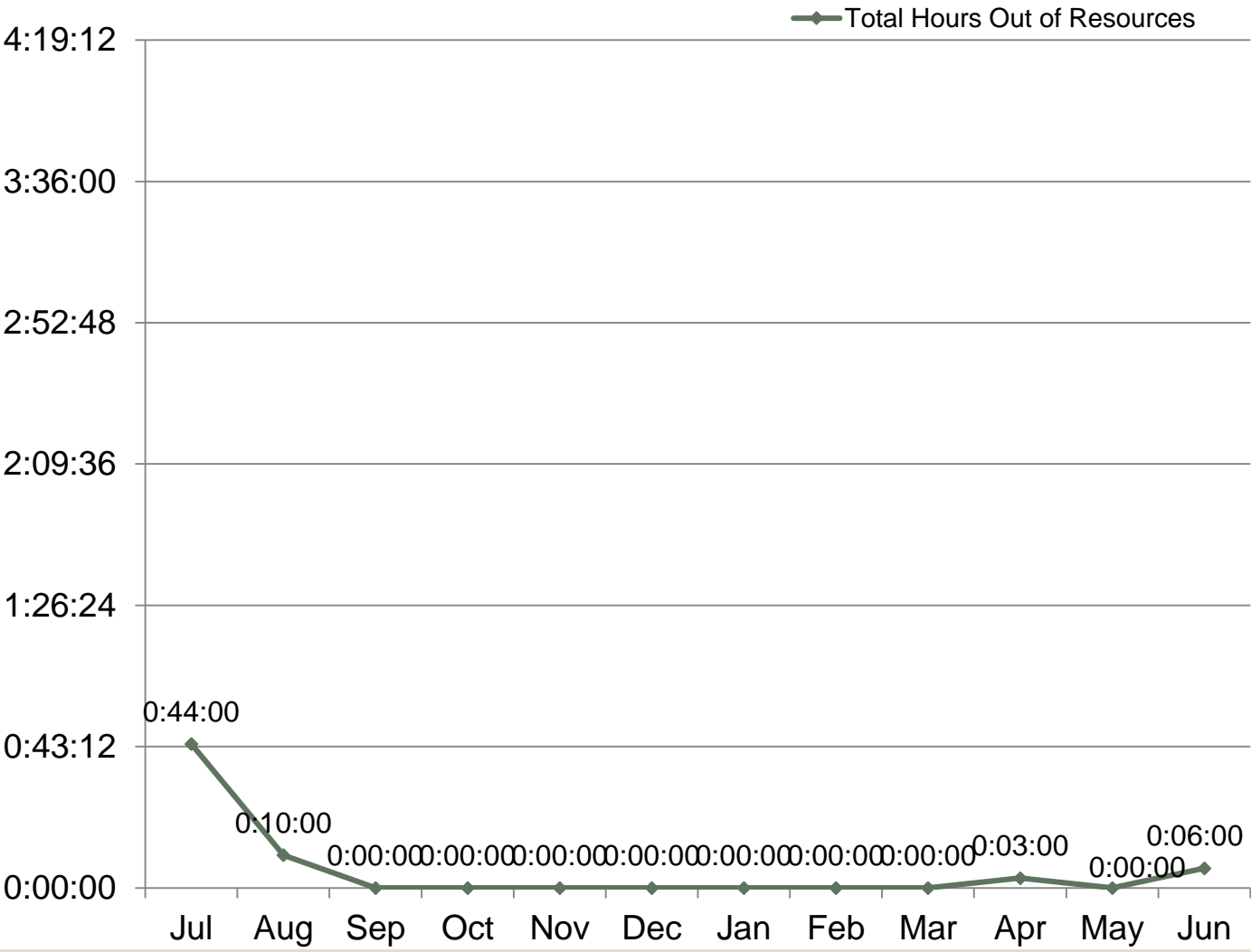
EMERGENCY MEDICAL INCIDENTS 2018-2019



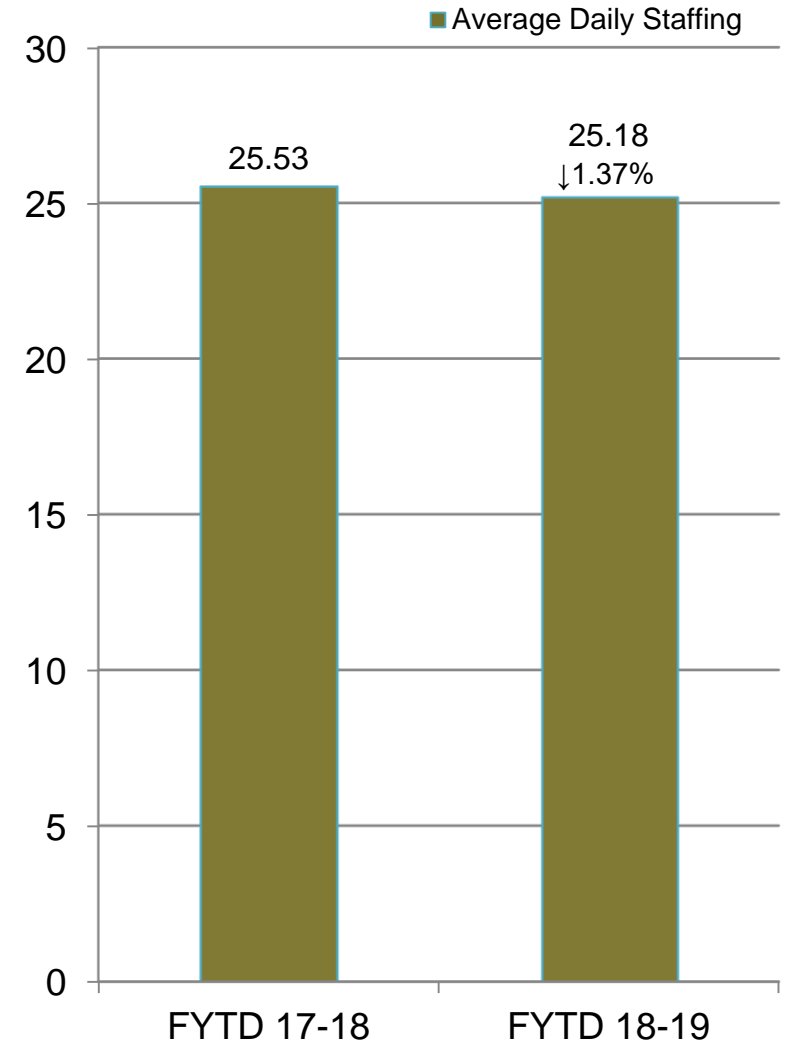
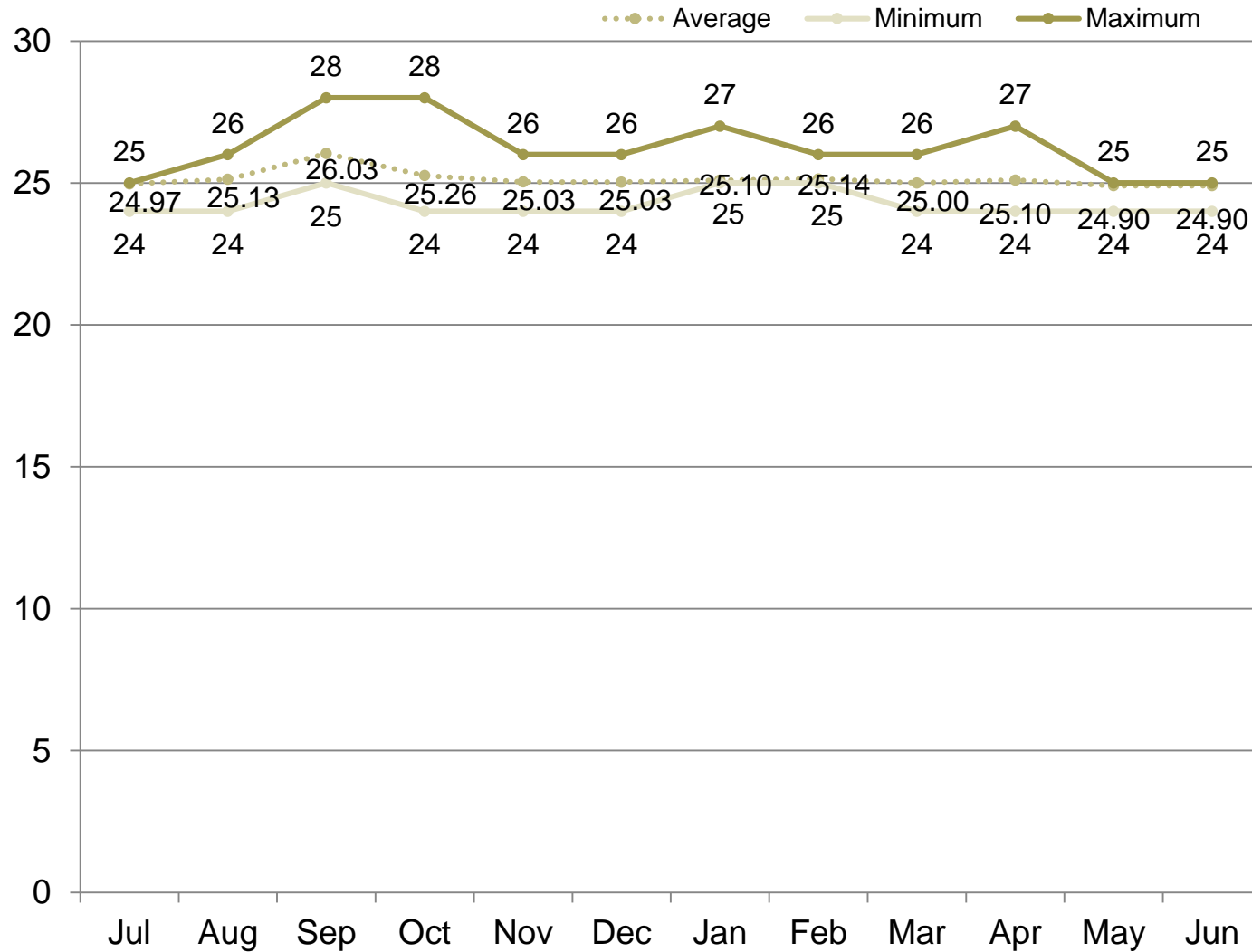
EMERGENCY MEDICAL RESPONSE TIMES 2018-2019



HOURS OUT OF RESOURCES 2018-2019



DAILY STAFFING LEVELS 2018-2019



LED STREET LIGHT CONVERSION *FACT SHEET*

PROJECT OVERVIEW

Starting this July the City of Bend is converting over 2,000 existing public street lights to 3,000 Kelvin energy efficient, light-emitting diode (LED) fixtures to reduce the City's energy costs, maintenance costs and carbon emissions. The project is one of several [Strategic Energy Management](#) projects happening in 2019-2021 to help achieve the [City Council Climate Action Goals](#).

The project replaces existing High Pressure Sodium street light fixtures on public streets with new LED fixtures. The project does not add new or remove old street light poles, it is just updating the existing fixtures. Work is being coordinated through Ameresco, the City's Energy Management contractor, and the fixtures will be installed by their subcontractors NW Edison and Christensen Electric.

PROJECT SCHEDULE

The LED conversion project is scheduled from July to December 2019. Work activity will take place during weekdays and may include weekends. Work hours will generally be 7 a.m. to 7 p.m., targeting evening hours for arterial and collector streets.

Multiple crews will be working to complete an estimated 30 – 40 fixture conversions per day, taking 20 to 30 minutes per light. Work will be performed in a moving operation that may require temporary traffic lane restrictions. While crews are working, the sidewalk, bike lane, or curbside parking spaces located adjacent to the work site will be temporarily restricted and in limited cases lane closures may occur. The crews do not typically need to turn off the power to perform the work.

COST SAVINGS

Installation of LED fixtures reduce street light energy consumption measured in watts by more than 50 percent since it takes less energy to provide a similar amount of brightness (or lumens). The City estimates it will achieve a total energy savings of nearly one-million kilowatt-



hours annually and reduce carbon emissions by 619 tons per year. Additionally, maintenance costs are reduced because LED fixtures do not have disposable components requiring regular replacement like existing high pressure sodium bulbs.

PROJECT BACKGROUND

The streetlight conversion is one of the first City Strategic Energy Management projects because of the well demonstrated energy savings of LED over high pressure sodium lights. In addition to energy savings, converting to LED lights provides improved illumination enhancing safety and increased reliability and life cycle requiring far less maintenance.

The City and Ameresco worked with area electric utilities to develop a new City standard for full-cutoff, 3,000 Kelvin correlate color temperature (CCT) LED fixtures as part of this project. A light bulb's CCT (rated from 1,000 to 10,000 Kelvin) helps classify the look of the light produced. The 3,000 Kelvin CCT selected by the City provides energy savings, minimizes light pollution, and improves lighting quality for street safety over the existing high pressure sodium lights. Although they emit over fifty percent less light, the new LED fixtures use a uniformly dispersed warm white color and may appear brighter compared to the existing yellow, unevenly dispersed high pressure sodium lights.

STAY INFORMED

For more information about the City's LED Street Light Conversion project, visit the project website and check out the project's [Frequently Asked Questions](#). If you have questions or comments, please email the project at LEDStreetlights@bendoregon.gov or call contact the Streets Department at (541)-317-3000.



Accommodation Information for People with Disabilities

To obtain this information in an alternate format such as Braille, large print, electronic formats, etc. please contact Joshua Romero at jromero@bendoregon.gov or (541) 693-2185.



LED STREET LIGHT CONVERSION FAQ

Why are we switching to LED lights?

The City of Bend joins cities throughout Oregon and the rest of the world in switching to LED lights as a way to save money and energy while reducing carbon emissions and maintenance costs. LED lights consume up to 50 percent less energy and have a longer life span. The reductions from using LED technology help the City achieve our sustainability and carbon reduction goals.

Are all the City street lights being replaced?

The project will replace an estimated 2300 existing high pressure sodium street light fixtures on the City's public streets. Not included in the project are approximately 250 City street lights that already have LED fixtures and over 500 street lights in the City that are on state highways or private streets operated by other private and public entities.

How will traffic be impacted by the installation of the LED street lights?

For the safety of the traveling public and the construction crews, there may be rolling short term closures of parking lanes, bike lanes or sidewalks as the new street light fixtures are installed. In some cases, where shoulder access to the street lights is limited, travel lane closures may be required. To minimize traffic impacts, the contractor will make every effort to schedule the work during times of low traffic volumes and to keep the duration of lane closures as brief as possible. Crews plan to replace up to 40 fixtures a day, so we appreciate your patience while they are working in your area. Check the weekly traffic updates at www.bendoregon.gov/traffic for any closures or detours related to the LED conversion project.

Can I get a new streetlight or move an existing streetlight?

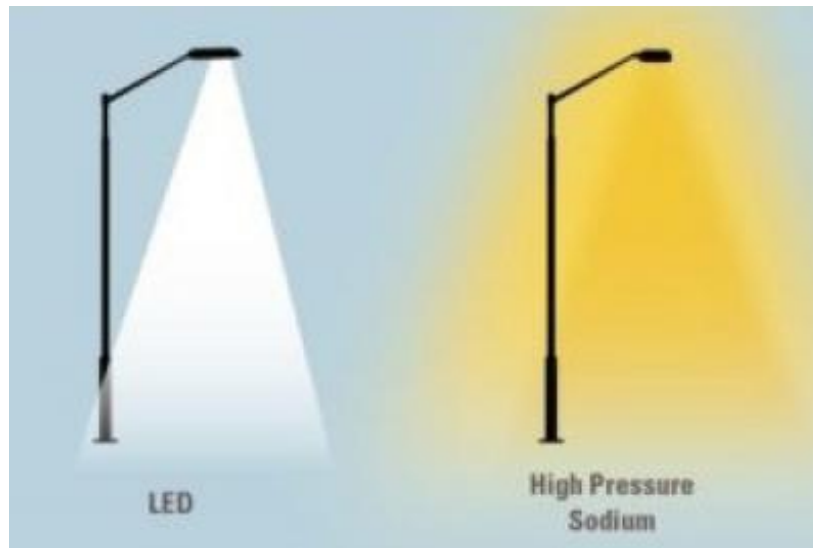
No, this project only converts the existing fixtures. No new or relocated lights are included. New street lights are installed with City Capital Improvement construction projects or with new development. There is no funded program to add or move street lights on a request basis.

How is the new LED light different?

The LED lights enhance visibility, cast a slightly different color, and direct light differently than the existing high pressure sodium street lights. The existing high pressure sodium street lights have a more yellow color, and the new LED street lights provide fuller spectrum warm light that may appear more white than yellow. The fuller spectrum light improves safety by enhancing peripheral vision for drivers, enabling people to distinguish color more accurately, and



improving detection of obstacles in the road. The lights are more downcast than the existing high pressure sodium lights, so light is directed below the light where it is needed, with less illumination above the light.



Where can I see the new LED streetlights?

The new LED streetlights have been installed at a few locations in town such as on 14th Street between Simson Avenue and Galveston Avenue with the 2018 14th Street Reconstruction project.

How will I know when the street lights are changed?

The project will run from June through December 2019. Check the [project website \(www.bendoregon.gov/energy\)](http://www.bendoregon.gov/energy) to see the general areas of the City where the LED fixtures have been installed and the percent of the conversion that has been completed.

Who do I contact if a replaced LED street light is not working or there is another issue with the LED conversion project?

Email LEDstreetlight@bendoregon.gov if a replaced LED street light is not working or there is another issue with the LED conversion project.



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