

Agenda Item Number:

**ORANGE COUNTY BOARD OF HEALTH
AGENDA ITEM SUMMARY**

Meeting Date: 6/26/19

Agenda Item Subject: Annual Communicable Disease Report

Attachment(s): Presentation

Staff or Board Member Reporting:

Purpose: ___ Action
 ___ x Information only
 ___ Information with possible action

Summary Information: Annual Communicable Disease report to the Orange County Board of Health for the 2018 calendar year that includes updates for VPD, Vector Borne, Enteric, STI, and TB.

Recommended Action: ___ Approve
 ___ Approve & forward to Board of Commissioners for action
 ___ Approve & forward to _____
 ___ Accept as information
 ___ Revise & schedule for future action
 ___ Other (detail):


**ANNUAL COMMUNICABLE
DISEASE REPORT**

2018

MIKE DEFRANCO, MPH, BSN. RN
COMMUNITY HEALTH MANAGER
COMMUNICABLE DISEASE COORDINATOR

COMMUNICABLE DISEASE PROGRAM

Purpose of the CD branch of OCHD:

- ✓ Reduce morbidity/mortality resulting from communicable diseases that pose a significant threat to the public health in Orange County
 - ✓ Investigate events in a timely manner to rapidly identify and implement pertinent control measures
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ANNUAL CD REPORT

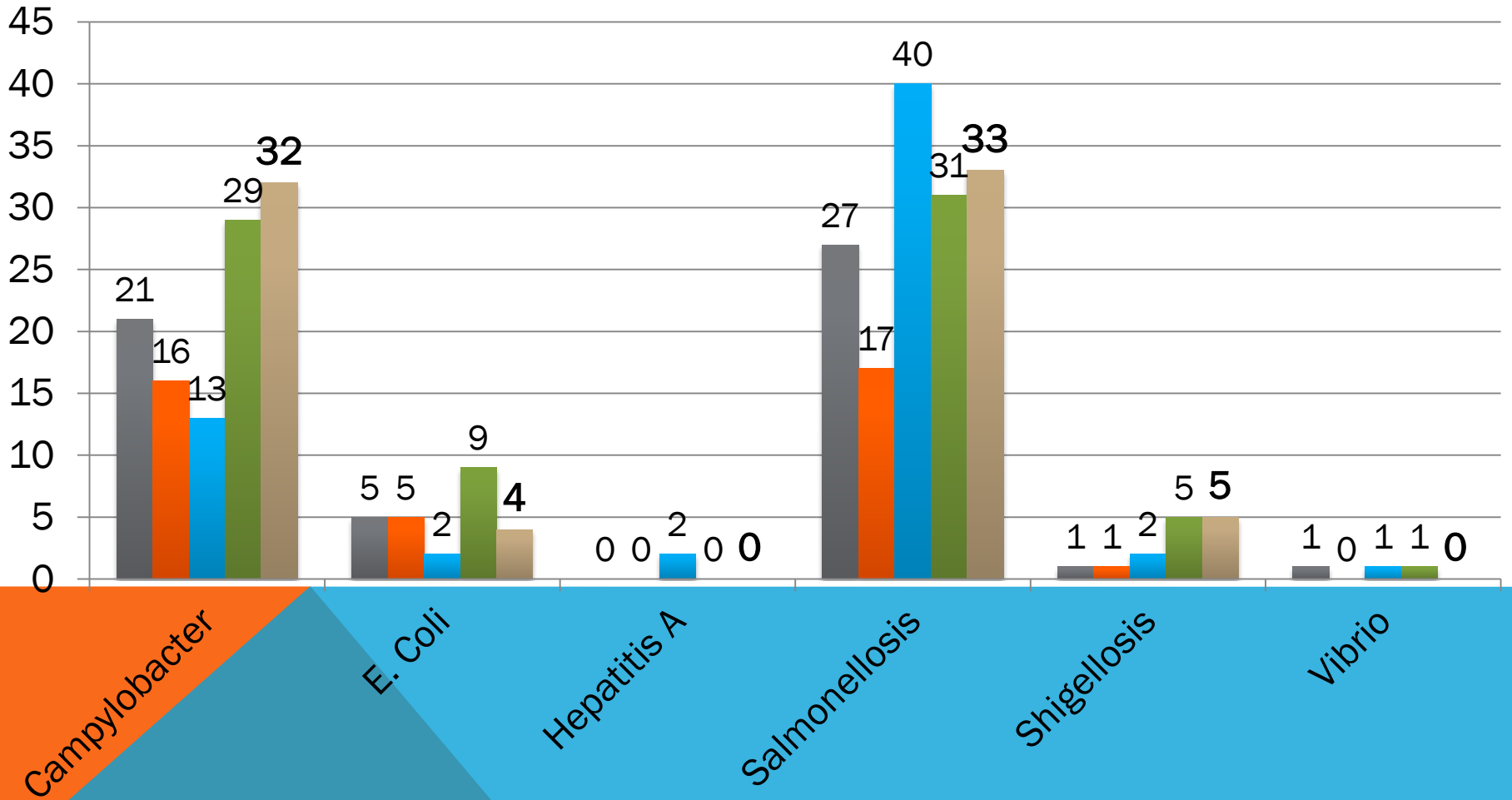
Best practice – share with involved stakeholders and with the Board of Health

LHD Accreditation Benchmark 2.5 – it is the responsibility of the LHD to investigate reports of communicable diseases, analyze their incidence, and communicate these findings to stakeholders, the public, and the BOH when there is an indication that a disease is outside the normal or expected incidence.

Iulia Vann, MD, MPH, 2018

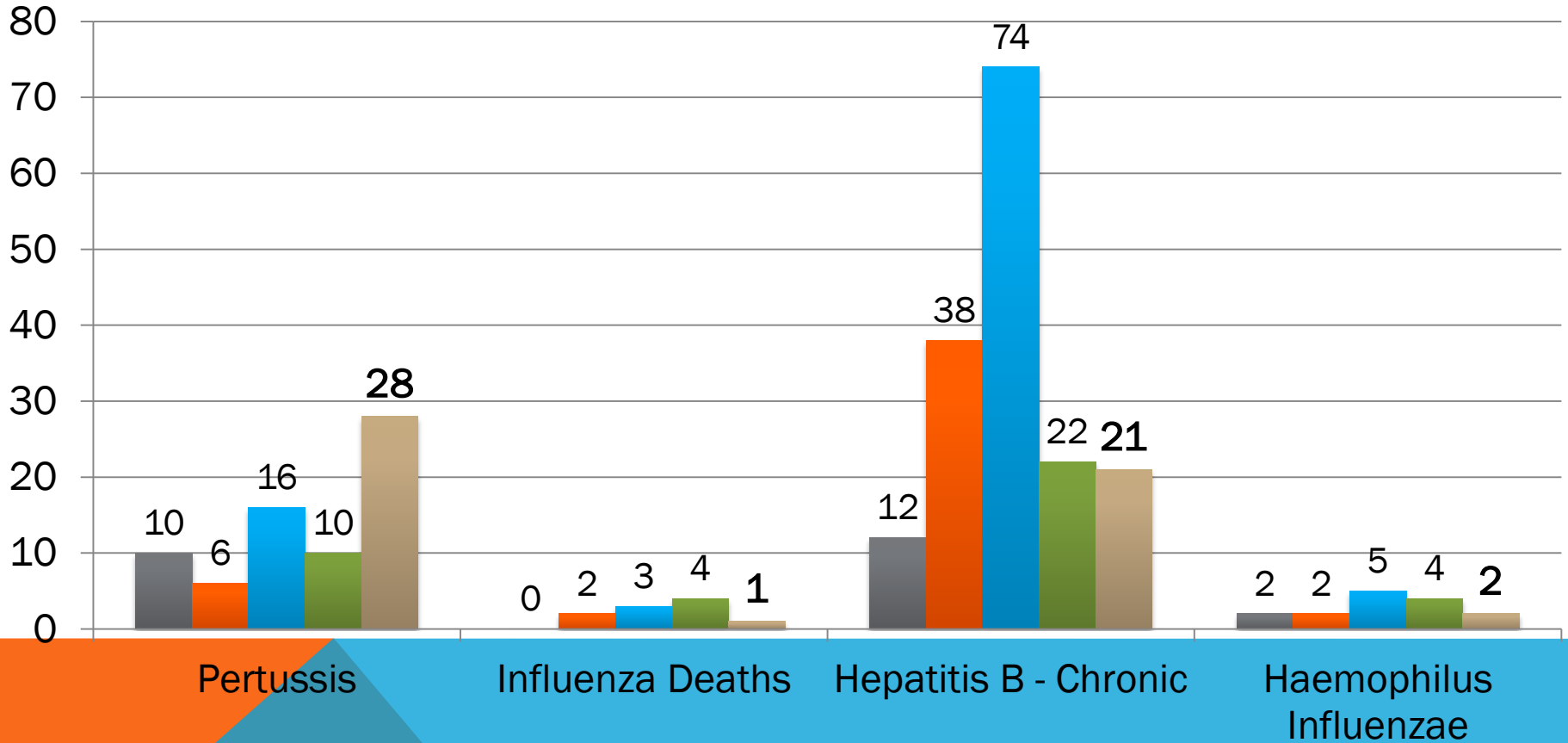
ENTERIC "FOODBORNE" ILLNESSES

■ 2014 ■ 2015 ■ 2016 ■ 2017 ■ 2018



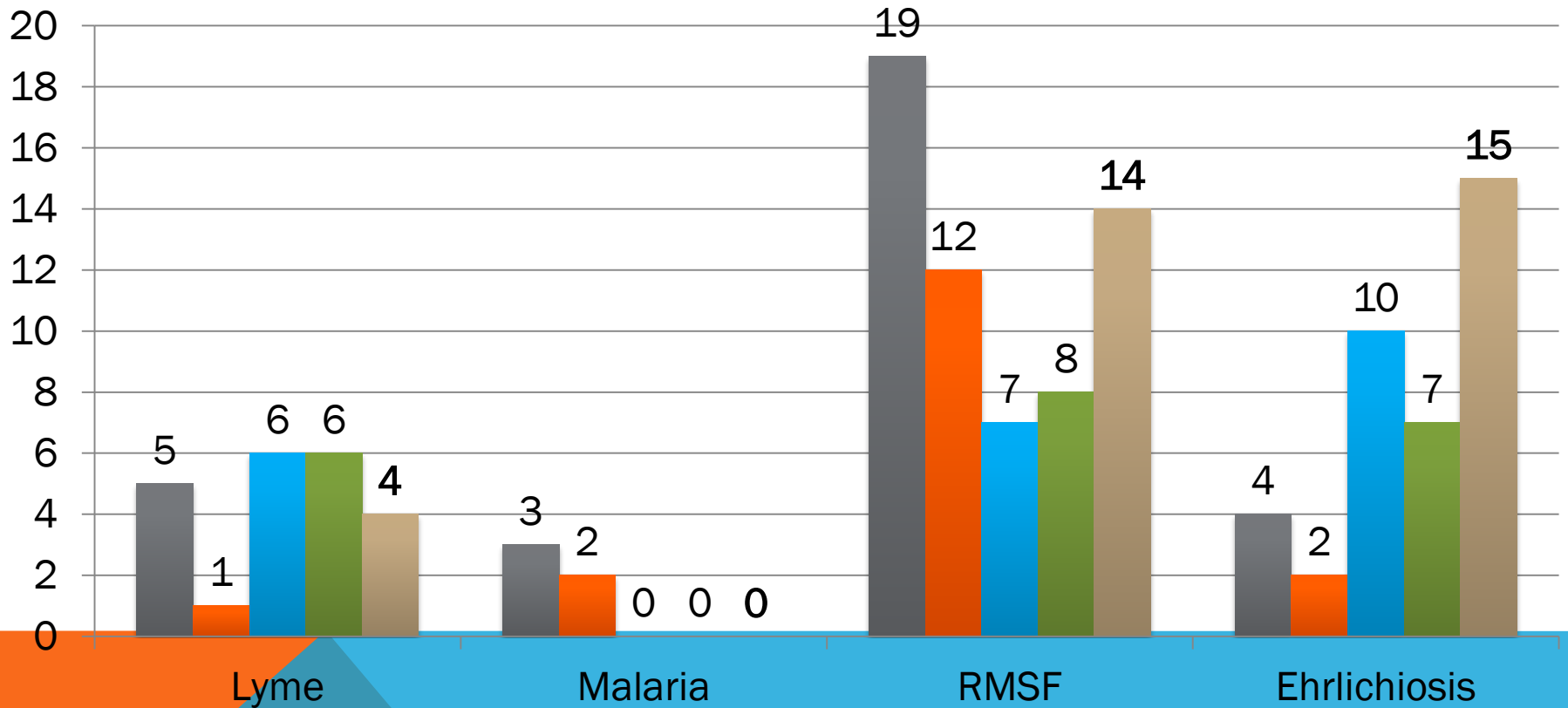
VACCINE PREVENTABLE DISEASES

■ 2014 ■ 2015 ■ 2016 ■ 2017 ■ 2018



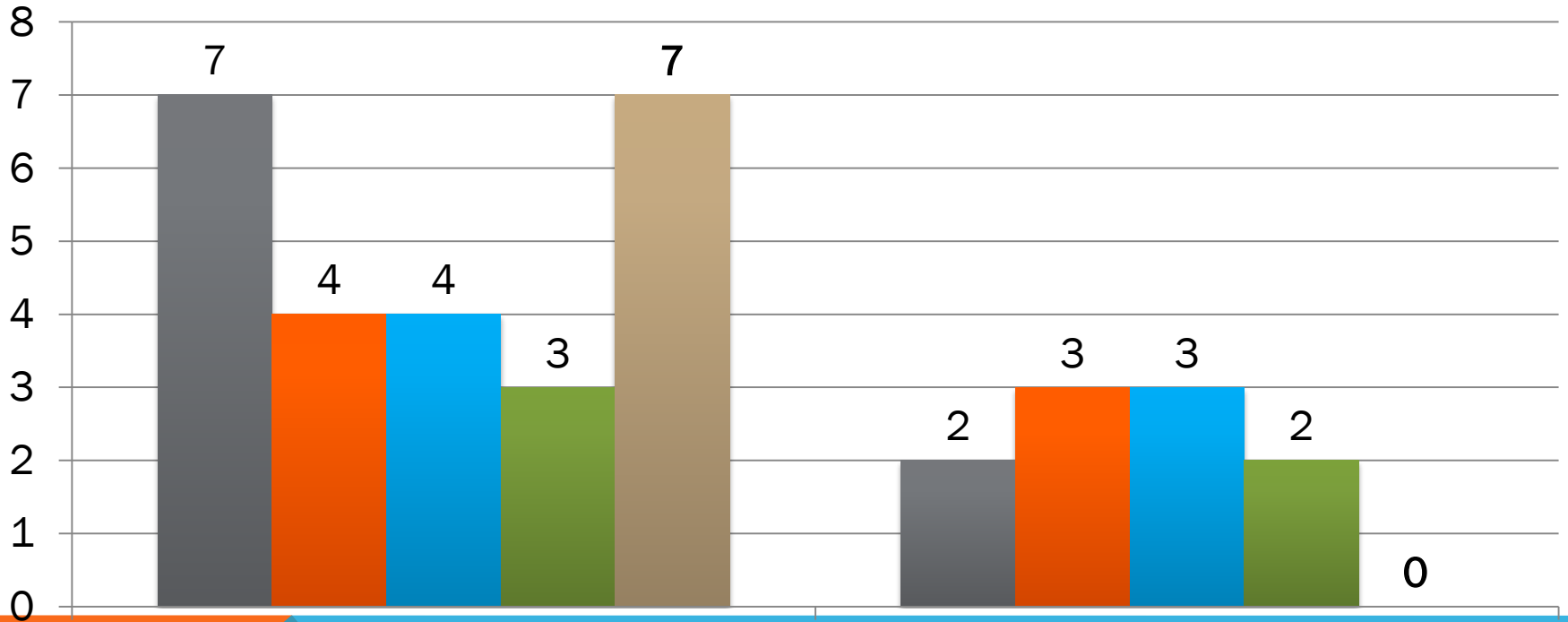
VECTORBORNE ILLNESSES

■ 2014 ■ 2015 ■ 2016 ■ 2017 ■ 2018



WATERBORNE ILLNESSES

■ 2014 ■ 2015 ■ 2016 ■ 2017 ■ 2018

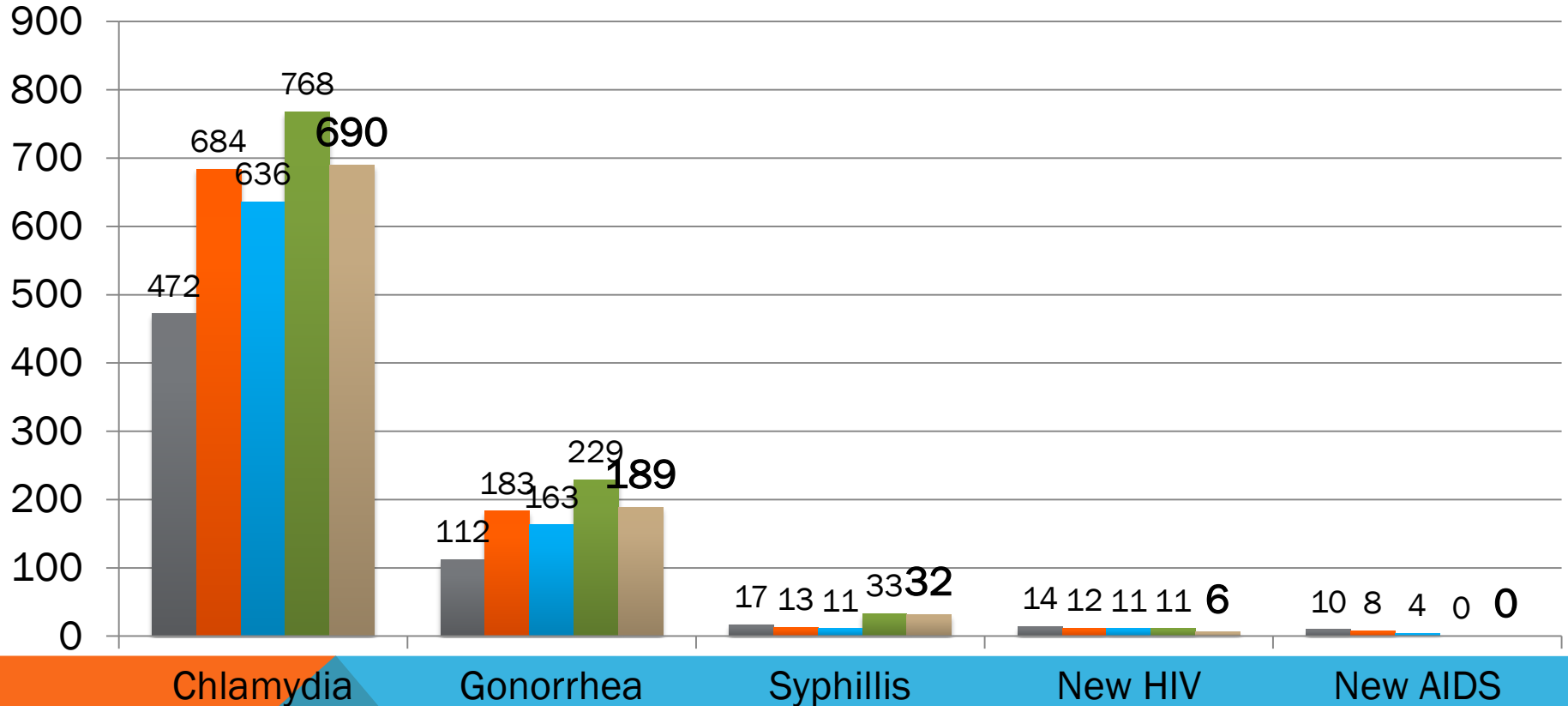


Cryptosporidium

Legionellosis

SEXUALLY TRANSMITTED INFECTIONS

■ 2014 ■ 2015 ■ 2016 ■ 2017 ■ 2018

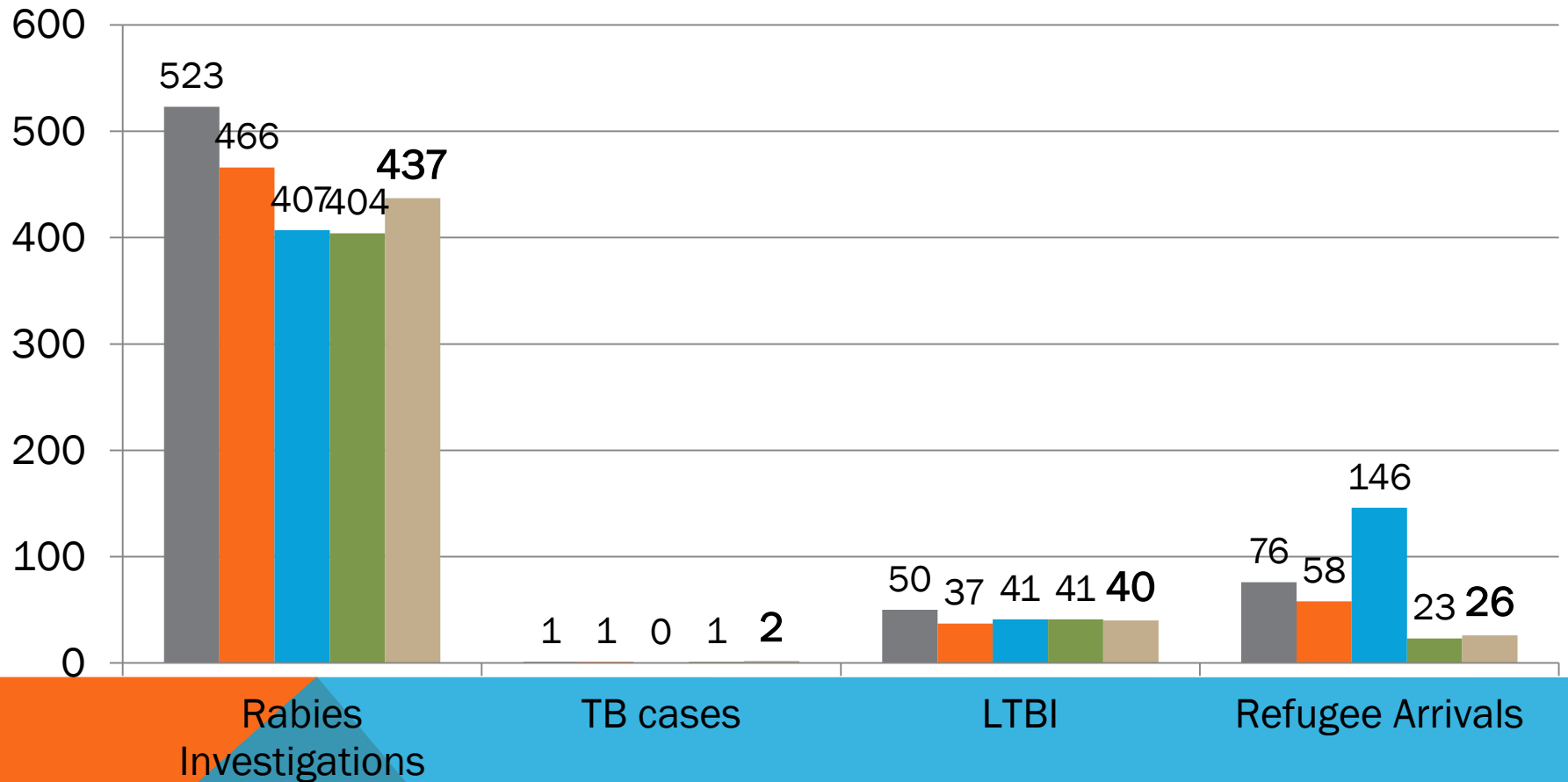


OUTBREAKS...

	Date	Cases
Pertussis Outbreak – multiple Middle and High Schools in Orange County	Jan – May 2018	23

OTHER RELEVANT DATA

■ 2014 ■ 2015 ■ 2016 ■ 2017 ■ 2018



A FINAL LOOK...

Aspects of 2018 deserving highlight:

- Two active TB cases with complications
- Dengue case at UNC
- Emergence of CRE

MOVING FORWARD

- Collaboration between OCHD and UNC Campus Health/University for planning of Meningococcal outbreak
- Hepatitis A initiative in OC jail and prison
- Measles Symposium June 2019