NAPA COUNTY PUBLIC HEALTH

Communicable Disease (CD) Program

PROGRAM SUMMARY

CD is responsible for receiving reports of Title 17 diseases from healthcare providers and labs, investigating and preventing the spread of more than 80 diseases, such as tuberculosis, food-borne pathogens, respiratory infections, sexually transmitted infections, vaccine-preventable diseases, bio-terrorism agents, emerging infectious diseases, outbreaks and pandemics. The CD team serves all of Napa County.

MAIN ACTIVITIES

CD staff are responsible for:

- Having 365/24/7 availability to receive reports of diseases.
- Investigating cases, contacts and outbreaks of Title 17 reportable infectious diseases in the community.
- Reporting cases, contacts and outbreak investigations to California Department of Public Health.
- Providing directly observed therapy for tuberculosis cases.
- Sending Health Alerts, advisories, and clinical information to local health care providers.
- Promoting infectious disease prevention strategies such as infection control measures and preventive treatments, such as vaccines and other medicines.
- Partnering with Environmental Health, Animal Services, and healthcare facilities.

DEMOGRAPHICS AND NUMBERS SERVED (CALENDAR YEAR 2018)

See **attachment 1**.

PERFORMANCE MEASURES

100% of referrals were triaged for assignment within three days or sooner to prevent the spread of disease and reduce any threat to public.

Complete Tuberculosis follow-up medical evaluation within 90 days of arrival into U.S. The California Department of Public Health (CDPH) notifies Public Health Departments of arriving refugees and immigrants who require medical follow up.

QI PROJECTS

The CD team has embarked on a number of QI projects for the upcoming year with the purpose of increasing productivity, timeliness, and quality.

- CD increased productivity by using data to illustrate current open caseloads, as well as identifying prior years' cases that need closure. In March 2018, CD had 468 cases that needed review and/or resolution. By March 2019, CD has fewer than 100 such cases. CD was able to accomplish this by conducting weekly case reviews and ensuring appropriate distribution of caseloads to maximize efficiency.
- In the upcoming year, CD is working to develop timeliness reports that will:
    - Track triage and assignment timeframes in 2018.

- Provide data on the Tuberculosis B waiver and Electronic Disease Notification (EDN) process timeframes.
- CD is in the process of improving case management and case management oversight in two areas:
  - Create procedures that standardize data entry for non-state required Cal REDIE fields (e.g. Language) so that we can pull consistent data as desired.
  - Implement a case review process for investigated diseases that will incorporate analysis of disease classification, case notes, and appropriate next steps.

ADMINISTRATIVE INFORMATION

The CD budget for FY17-18 was $1,042,708. This program is a mandated program and overseen by the California Department of Public Health. For a list of regulations and mandates, please refer to the HEALTH OFFICER PRACTICE GUIDE FOR COMMUNICABLE DISEASE CONTROL IN CALIFORNIA.

Position	FTE
CD Manager	0.2 FTE
Nursing Supervisor	1 FTE
CD Nurse	2 FTE
CD Investigator	2 FTE
Tech I	1 FTE
Epidemiologist	0.1 FTE

GOALS FOR UPCOMING FY:

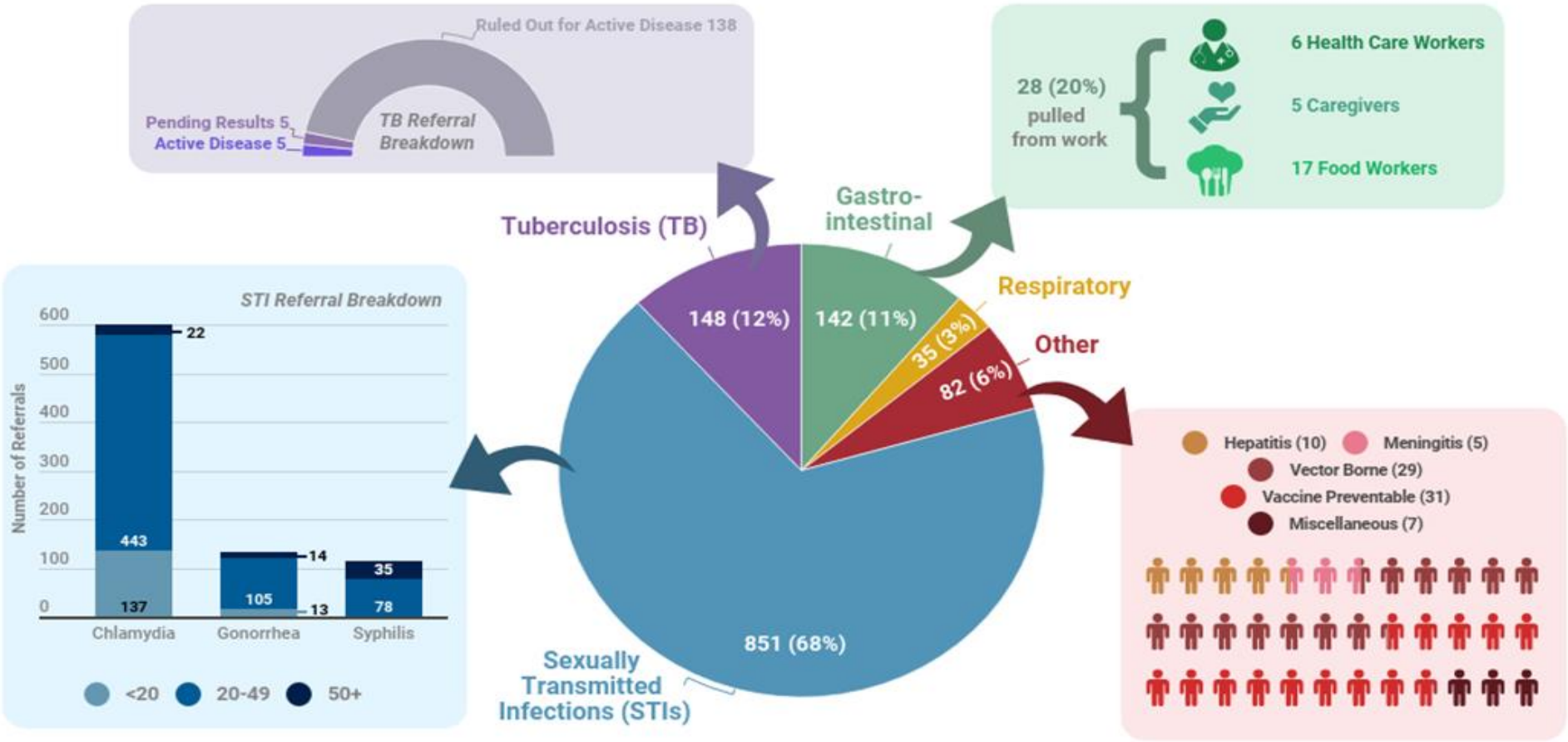
- Review the percentage of case notes and case investigations that are current
- Assess/update 2018 TB closed referrals to ensure correct classification
- Standardize data entry between case managers and provide clarity on next steps
- Develop a communicable diseases prevention campaign for healthcare providers, stakeholders and the community
- Ensure 100% of non-tuberculosis case are investigated and completed within 180 days
- Improve Class B tuberculosis immigration waiver process to ensure that the disposition of 100% of cases have been determined within 90 days, either through medical evaluation and treatment or other outcomes, such as whether the case has moved out of jurisdiction.

NAPA COUNTY PUBLIC HEALTH

Communicable Disease (CD) Program

Public Health
Prevent. Promote. Protect.

Attachment 1:

2018 Communicable Disease Referrals

Referrals are received from healthcare providers who are mandated, per Title 17 of the California Code of Regulations (CCR), to report to the Public Health Officer a case or a suspected case of over 80 communicable diseases.