

ALPHABET STUDY

A B C D



Department of
Public Health

CITY OF PHILADELPHIA

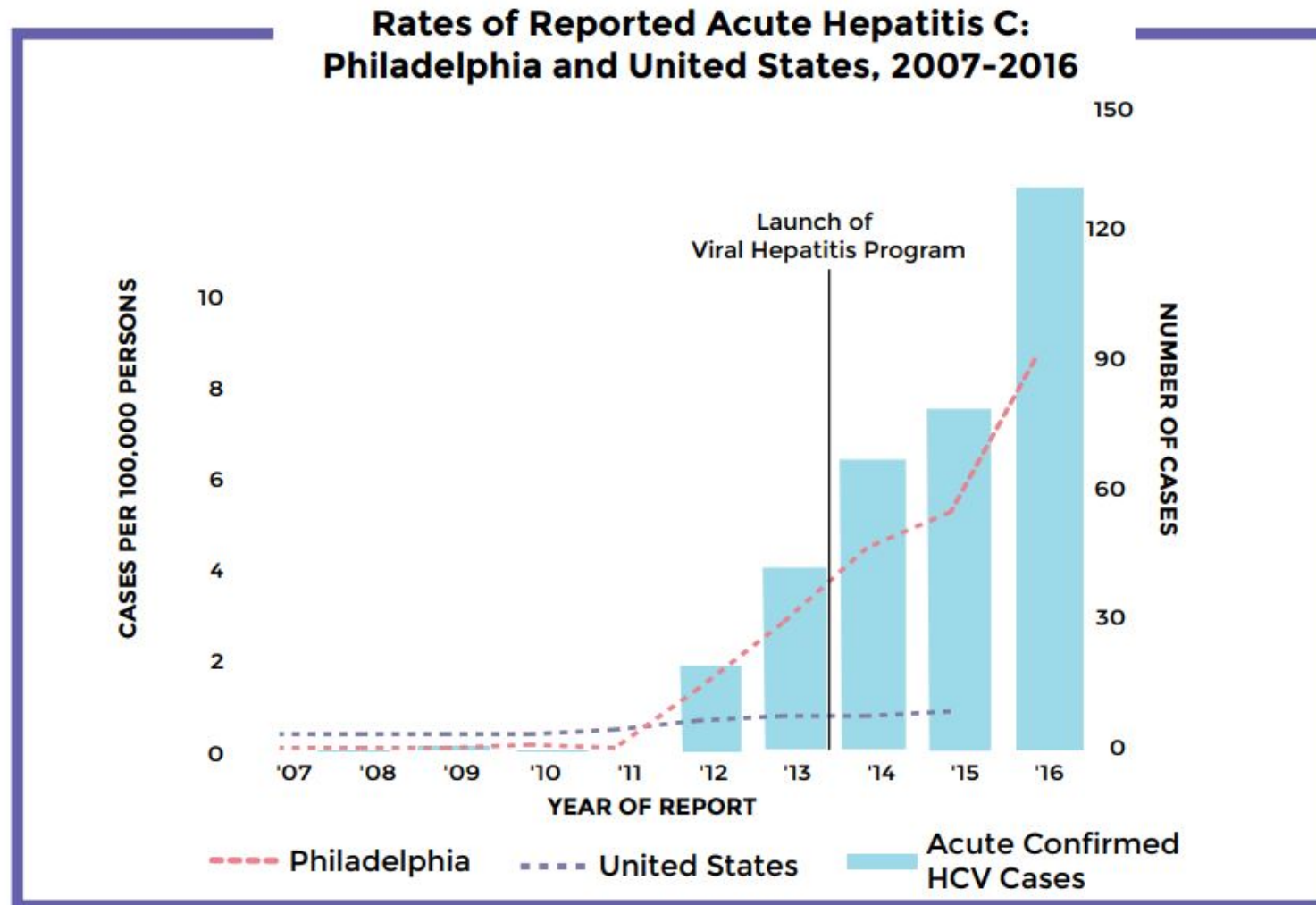
JACK HILDICK-SMITH

VIRAL HEPATITIS PREVENTION COORDINATOR

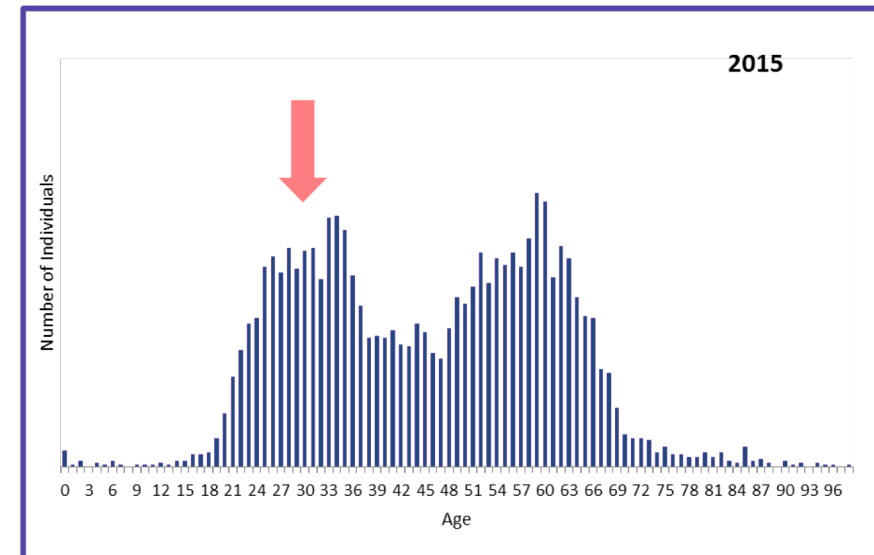
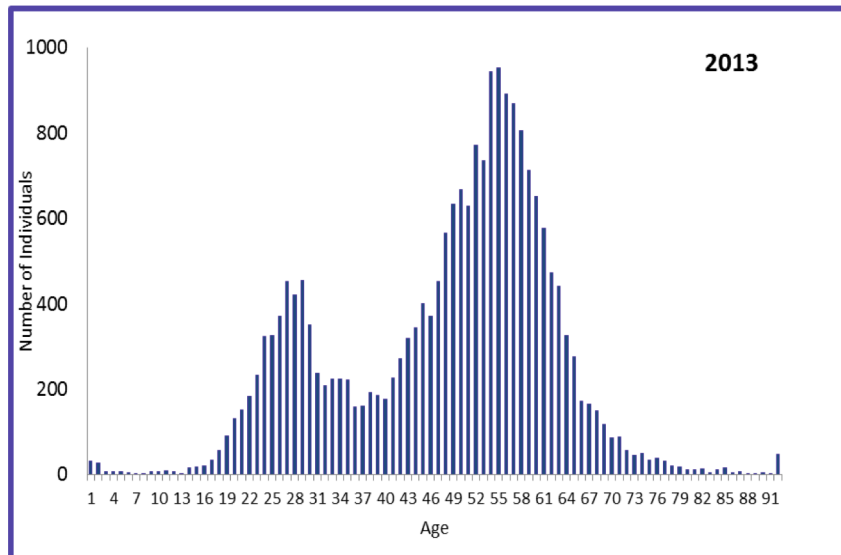
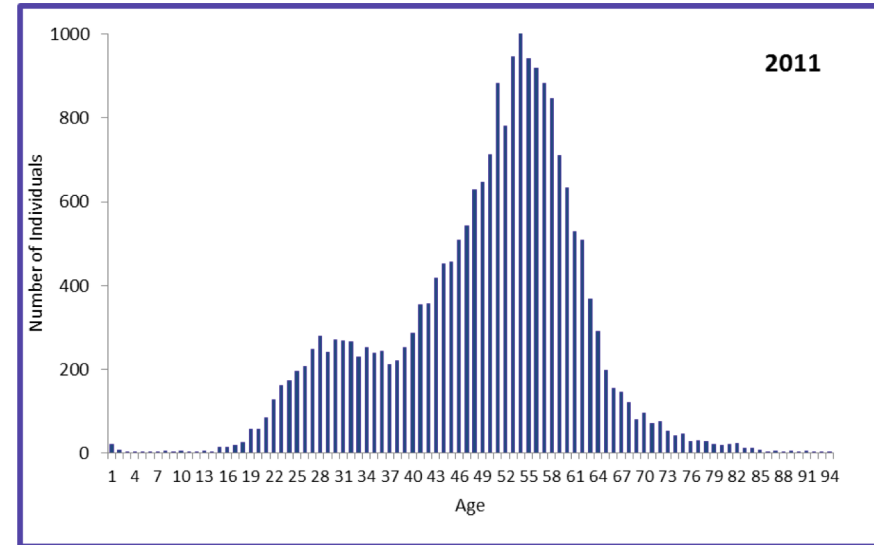
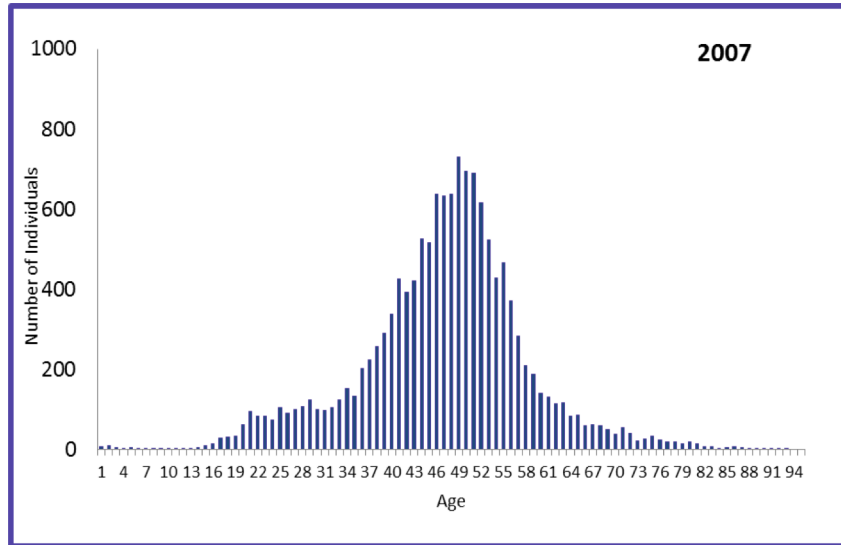
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RATES OF ACUTE HEPATITIS C IN PHILADELPHIA

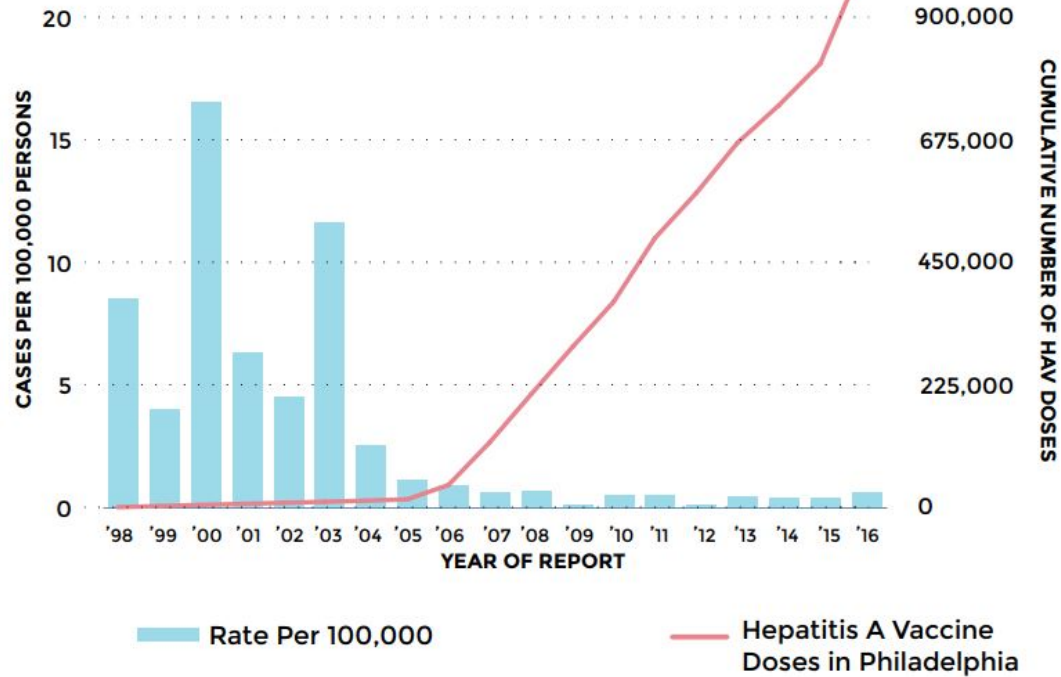


CHANGE OF AGE DISTRIBUTION OF HEPATITIS C CASES OVER YEARS 2007-2015

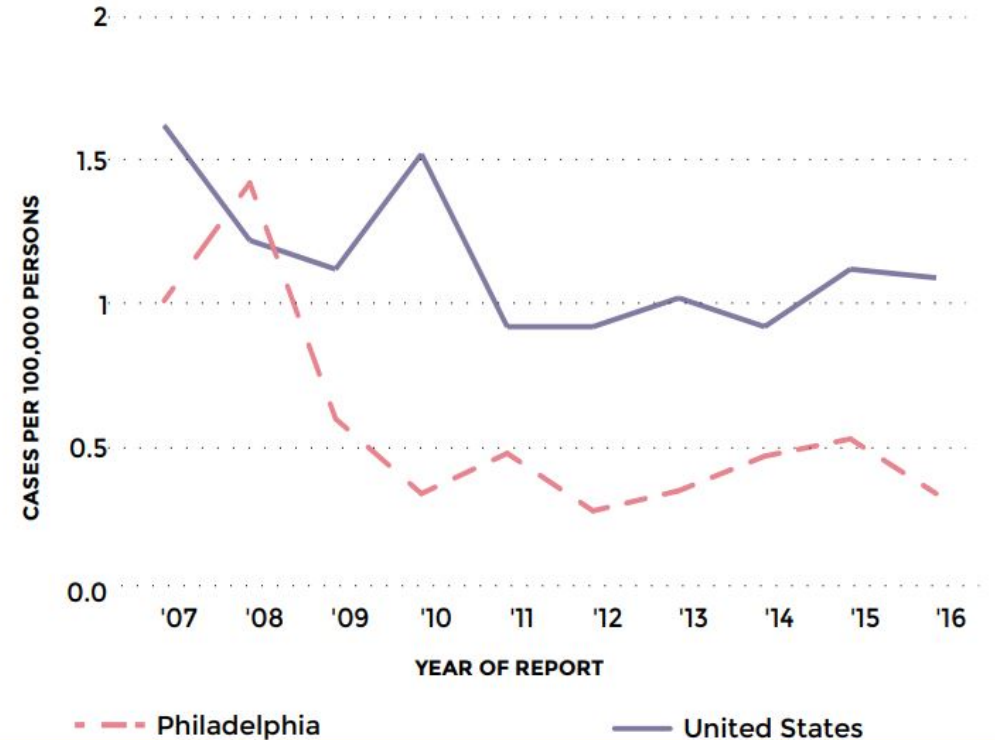


RATES OF ACUTE HEPATITIS A & B IN PHILADELPHIA

**Rates of Hepatitis A:
Philadelphia, 1998-2016**



**Rates of Reported Acute Hepatitis B:
Philadelphia and United States, 2007-2016**



BACKGROUND

- PDPH estimates at least 5% of the Philly population has Hep A, B, C, and/or D... likely higher in PWID(people who inject drugs)
- Hep A outbreaks across the country, why not in Philly?
- Hep B has similar route of transmission to Hep C, why are we not screening as aggressively for it?
- Hep C rates are rising quickly
- Are we on the brink of an outbreak like other big cities? Over reliance on past vaccination efforts?

WHAT WE HOPE TO GAIN

1. Understand these different infections in PWID in Philly
2. Understand how well vaccinated PWID are in Philly
3. Educate a high-risk population about viral hepatitis and prevention
4. Link People who are infected to care
5. Vaccinate vulnerable clients
6. Inform practice at PPP and across the city
7. Coordinate services with current C-Change project

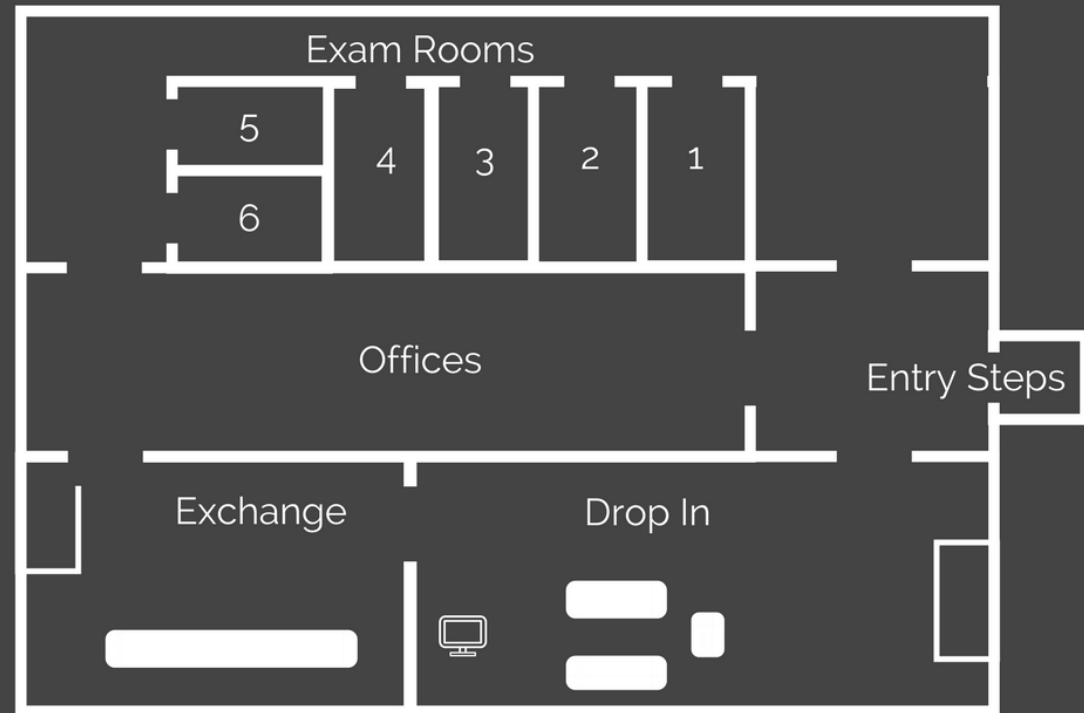
HOW WE MADE IT HAPPEN

- Partnerships!
- Hepatitis doesn't have resources but we have social capital
- Hep has worked to build relationships
 - DDC
 - PPP
 - HBF

PREPARATION

1. Trainings for internal staff to work at syringe service program
2. Worked with SSP staff to smoothly integrate new service
 1. We asked what they wanted
3. Coordinated with HBF with planning and staffing

PREVENTION POINT



HARM REDUCTION AND SENSITIVITY



ALPHABET STUDY

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WE KNOW THAT HEPATITIS C IS COMMON

WHAT ABOUT HEPATITIS A, B, & D?

WE WANT TO KNOW HOW TO HELP OUR COMMUNITY

- **Get tested for Hepatitis A, B, C, D**
- **Interview about exposure and history**
- **Learn about Hepatitis**
- **Get Vaccinated and Linked to Care!**
- **Learn more at PhillyHepatitis.org**
- **Recruiting on Monday, Tuesday, Thursday**

IF INTERESTED: SIGN UP AT PREVENTION POINT

Contact Danica.Kuncio@Phila.gov for questions



ALPHABET STUDY

A B C D

THANK YOU FOR PARTICIPATING IN THE HEPATITIS ALPHABET STUDY.

YOU HAVE BEEN TESTED FOR HEPATITIS A, B, C, & D.

NEXT STEPS:

- **Come back to Prevention Point Philadelphia in about 2 weeks for test results and linkage support.**
- **Look out for upcoming notices about our free follow-up vaccine clinic.**
- **Learn more at PhillyHepatitis.org**

Contact Danica.Kuncio@Phila.gov for questions

HEPATITIS A

HOW DO YOU GET IT:



Fecal-oral



Contaminated Food



Household Contact

WHAT DOES IT DO: Most adults experience symptoms

Acute infection, which usually resolves within 2 months

HEPATITIS B

HOW DO YOU GET IT:



Sexual Contact



Infected Blood



Bodily Fluids



Mother to Child

WHAT DOES IT DO: Life-long infection with no cure

Long term infection leads to liver scarring and ultimately liver cancer

Often no symptoms

HEPATITIS A

HOW DO YOU STOP IT:



Improve Hygiene



Vaccinate



Access care if infected

HEPATITIS B

HOW DO YOU STOP IT:



Vaccinate



Practice Safe Sex



Manage Your Infection

HEPATITIS C

HOW DO YOU GET IT:



Dirty Works



Infected Blood



Sexual Contact

WHAT DOES IT DO: Virus slowly attacks liver over the course of infection. Often no symptoms.

Long term infection leads to liver scarring and can cause liver cancer

HEPATITIS D

HOW DO YOU GET IT:



Delta Travels with Beta



Infected Blood

WHAT DOES IT DO: Hepatitis Delta can only live if you already have Hepatitis B

When you have both infections, liver damage happens faster

HEPATITIS C

HOW DO YOU STOP IT:



Use **New Works!**



Practice Safer Sex



New Treatments are **EASY** and available to **EVERYONE!**

There is a CURE!!!

HEPATITIS D

HOW DO YOU STOP IT:



Prevent Hepatitis B



Vaccinate for Hepatitis B

PREVALENCE OF HEP A, B, C, D

Viral Hepatitides	N=384	%
Hep A		
Acute Infection	0	0.0
IgM Positive - No Case	1	0.3
Hep B		
Current infection	7	1.8
Past/cleared infection	77	20.3
No infection	295	77.8
Hep C		
Current infection	160	42.3
Past/cleared infection	46	12.2
Past or Current infection - status unknown [†]	19	5.0
No infection	153	40.5
Hep D		
Past/present infection	4	1.1
No infection	375	98.9

*Where specimens were obtained and lab processing was completed

[†] HCV Antibody available, no confirmatory RNA

IMMUNITY OF HEPATITIS A & B

Viral Hepatitides	N=384	%
Hep A		
Susceptible	186	48.4
Immune - vaccine or past exposure	198	51.6
Hep B		
Susceptible	148	40.9
Immune - vaccine	153	42.3
Immune - past exposure	61	16.9
Susceptible to Hep A & B	93	25.8

*Where specimens were obtained and lab processing was completed

All results presented are preliminary and subject to change

TAKEAWAYS

- Not as much current infection as expected
- A lot of past infection/exposure
- Lots of people with risk factors who are not vaccinated
- We are missing opportunities to protect high risk people!
- Can't assume that everyone is vaccinated

NEXT STEPS

- Vaccinate susceptible participants against Hep A & B
- Link Hep B & C positive patients to care
- Work with Prevention Point Philadelphia to reinstate independent vaccination capacity



ALPHABET STUDY

A B C D

FREE VACCINE

**TO PROTECT YOU FROM:
HEPATITIS A, B, & D**

Vaccination Dates at Prevention Point

Tuesday, July 24: 12-2pm Tuesday, July 31: 12-2pm
Thursday, July 26: 12-2pm Thursday, August 2: 12-2pm
Friday, July 27: 12-2pm Friday, August 3: 12-2pm

ASK AT THE FRONT DESK.



ALPHABET VACCINATION

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FREE VACCINE

TO PROTECT YOU FROM: HEPATITIS A, B, & D

Vaccination Dates at Prevention Point

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SIGN UP AT THE FRONT DESK

ACKNOWLEDGMENTS



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THANK YOU!



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