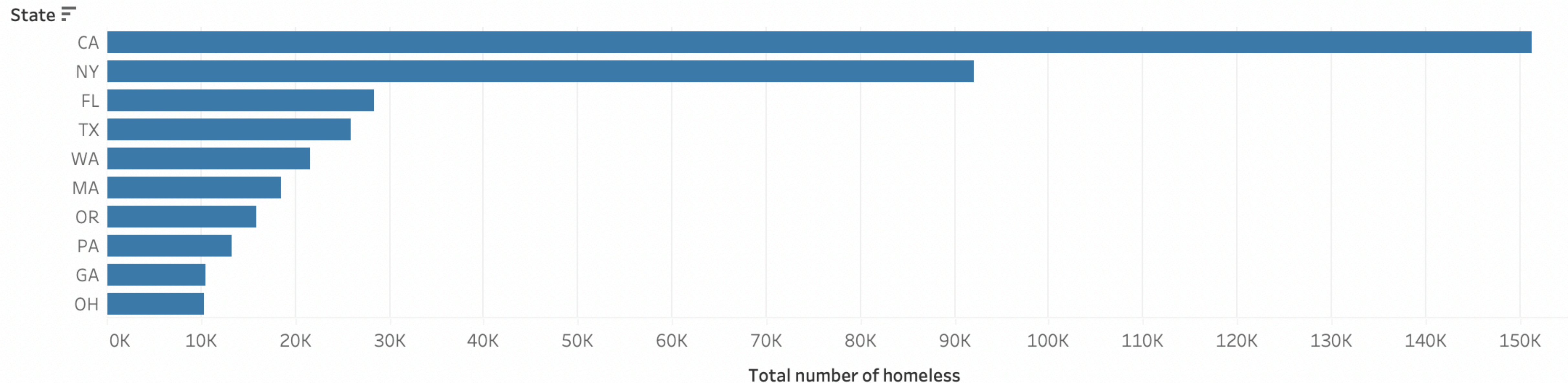SANCIA YANG

HOW CAN THE STATE OF CALIFORNIA REDUCE HOMELESSNESS?

INTRODUCTION

▸ Homelessness is a growing problem across the US

▸ California has the largest number of unhoused individuals
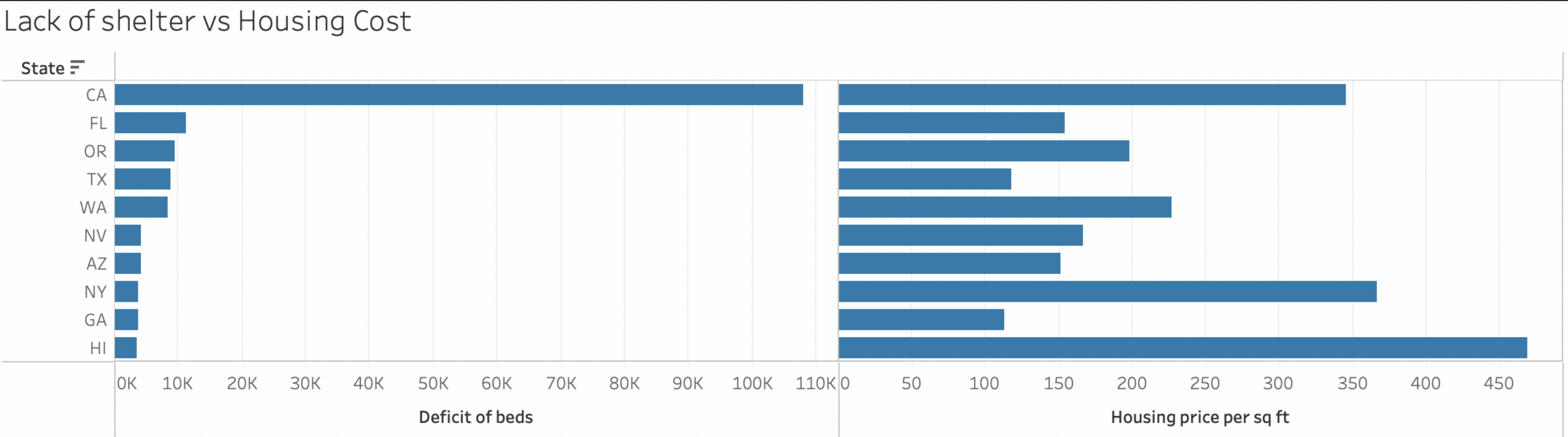

Top 10 states

DESIRED IMPACT

▸ Implement policies to rehome unhoused individuals

▸ Reduce the number of unsheltered persons by 7% within a year of policy implementation

DATA

▸ *Point-in-time Count* (2019)

▸ *Housing Inventory Count* (2019)

▸ National Mental Health Services Survey (2019) from the Substance Abuse and Mental Health Services Administration (SAMHSA)

▸ National Survey of Substance Abuse Treatment Services (2019) from SAMHSA
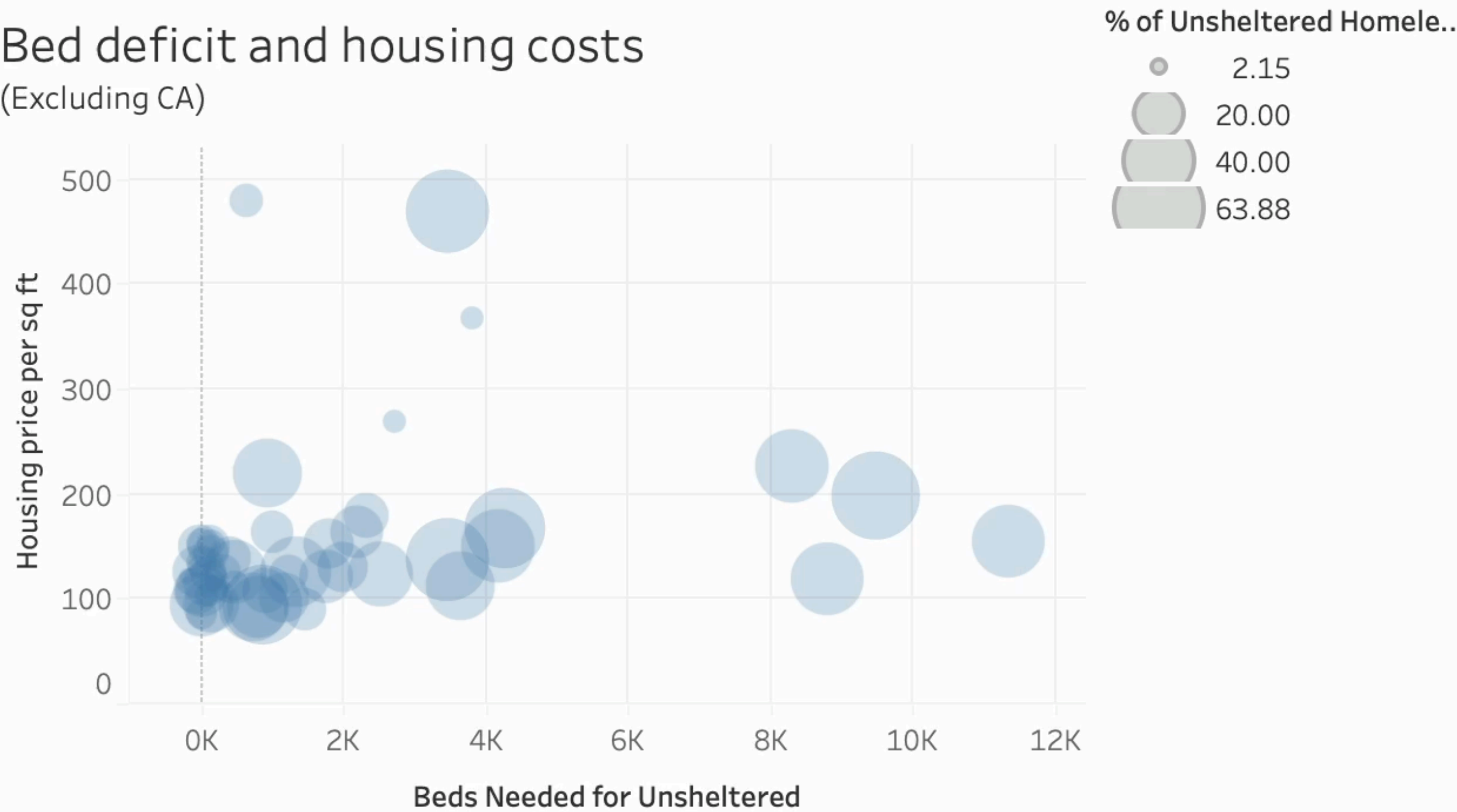
▸ Median cost of housing by square foot from Redfin

DATA

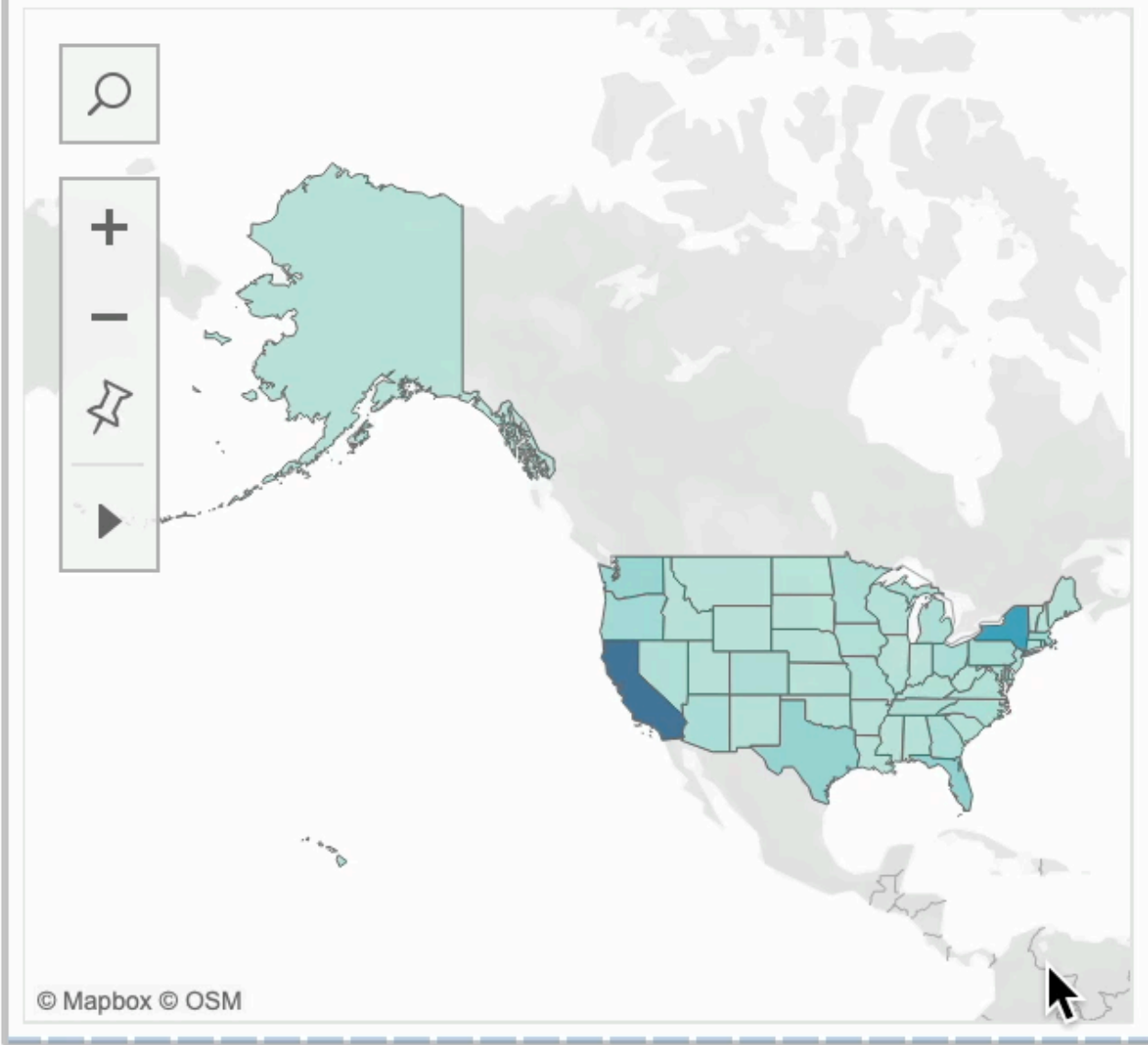▸ Cost of housing is a factor, but not a determining factor

TEXT

Bed deficit and housing costs
(Excluding CA)

Housing price per sq ft (y-axis): 0, 100, 200, 300, 400, 500

Beds Needed for Unsheltered (x-axis): 0K, 2K, 4K, 6K, 8K, 10K, 12K

% of Unsheltered Homele..
- 2.15
- 20.00
- 40.00
- 63.88

Bed deficit and housing costs
(Including CA)

Housing price per sq ft (y-axis): 0, 100, 200, 300, 400, 500

Beds Needed for Unsheltered (x-axis): 0K, 20K, 40K, 60K, 80K, 100K

Total number of Unhoused people

Census region
- [ ] (All)
- [ ]
- [x] Midwest
- [x] Northeast
- [x] South
- [x] West

Total number of homeless

548 151,278

Percentage of Unsheltered by Census Region
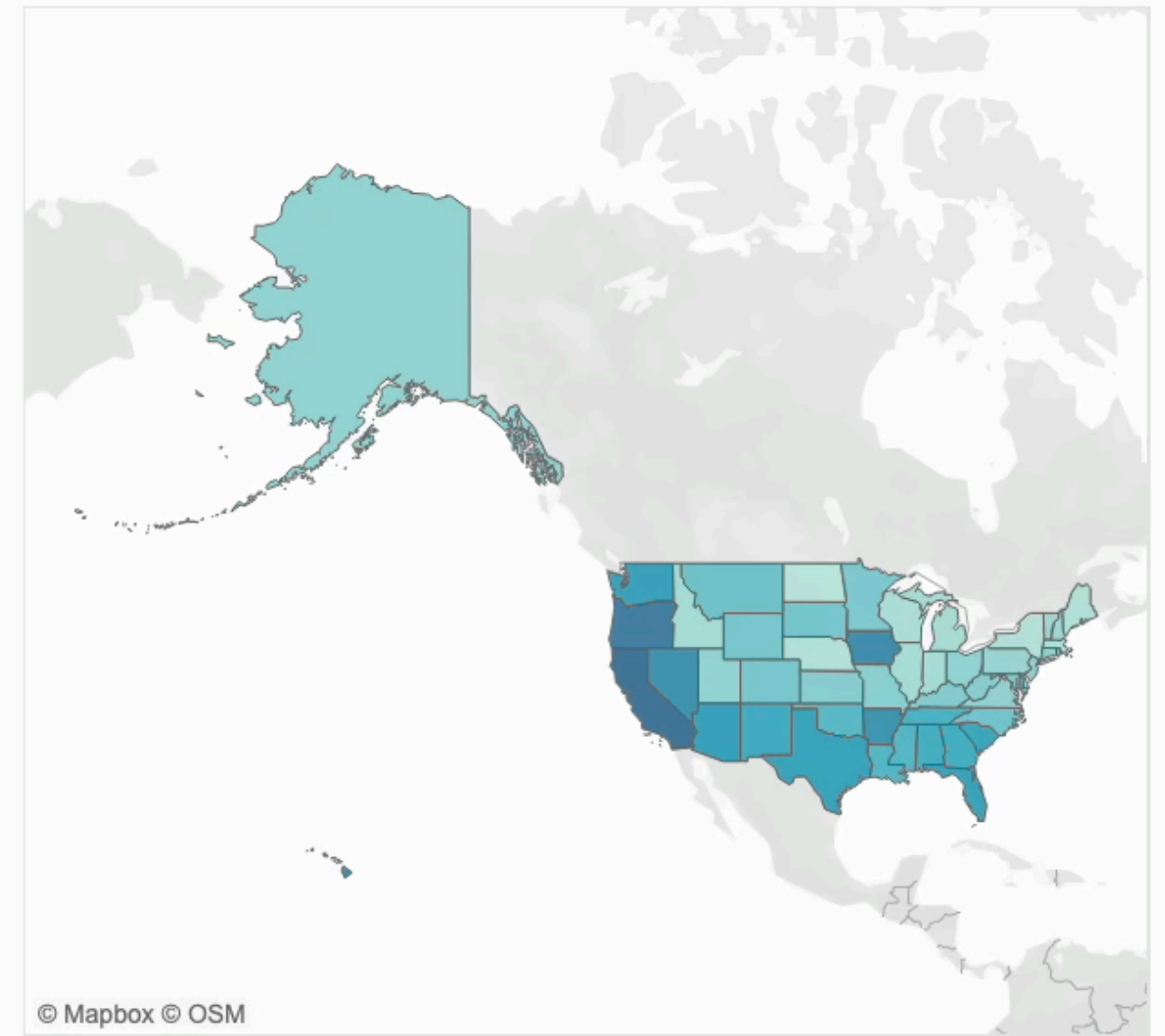
Census region
- [ ] (All)
- [ ]
- [x] Midwest
- [x] Northeast
- [x] South
- [x] West

% of Unsheltered Homeless

2.15 71.68

© Mapbox © OSM

TEXT

Map of Beds Needed
by state

Beds Needed for Unshelt..
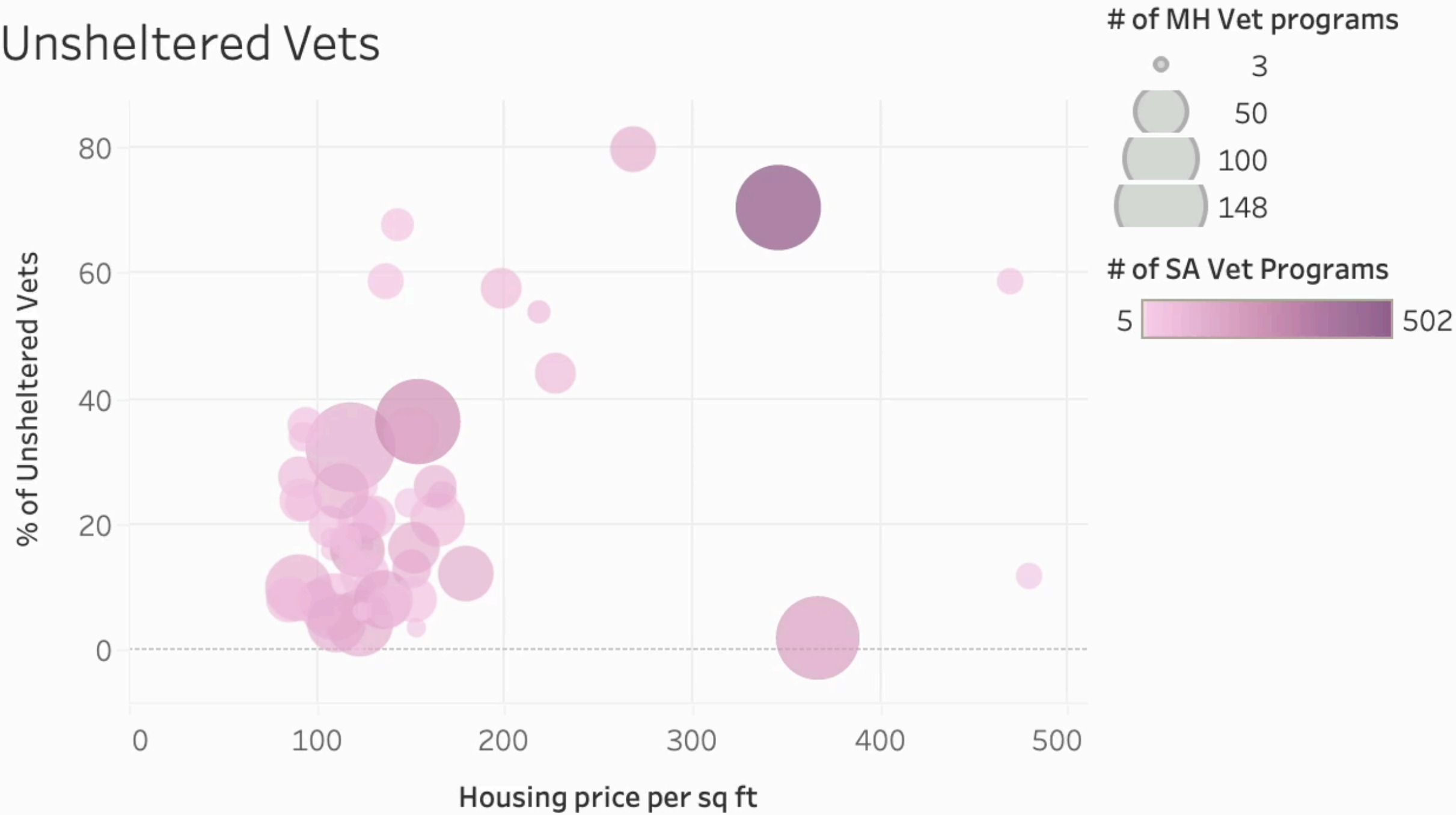
0   108127

Beds Needed for Unshelt..

6 108,127
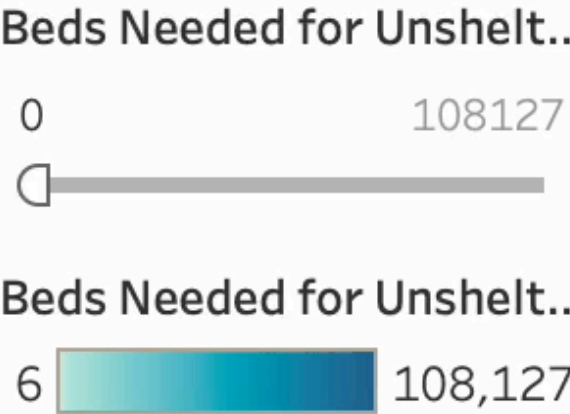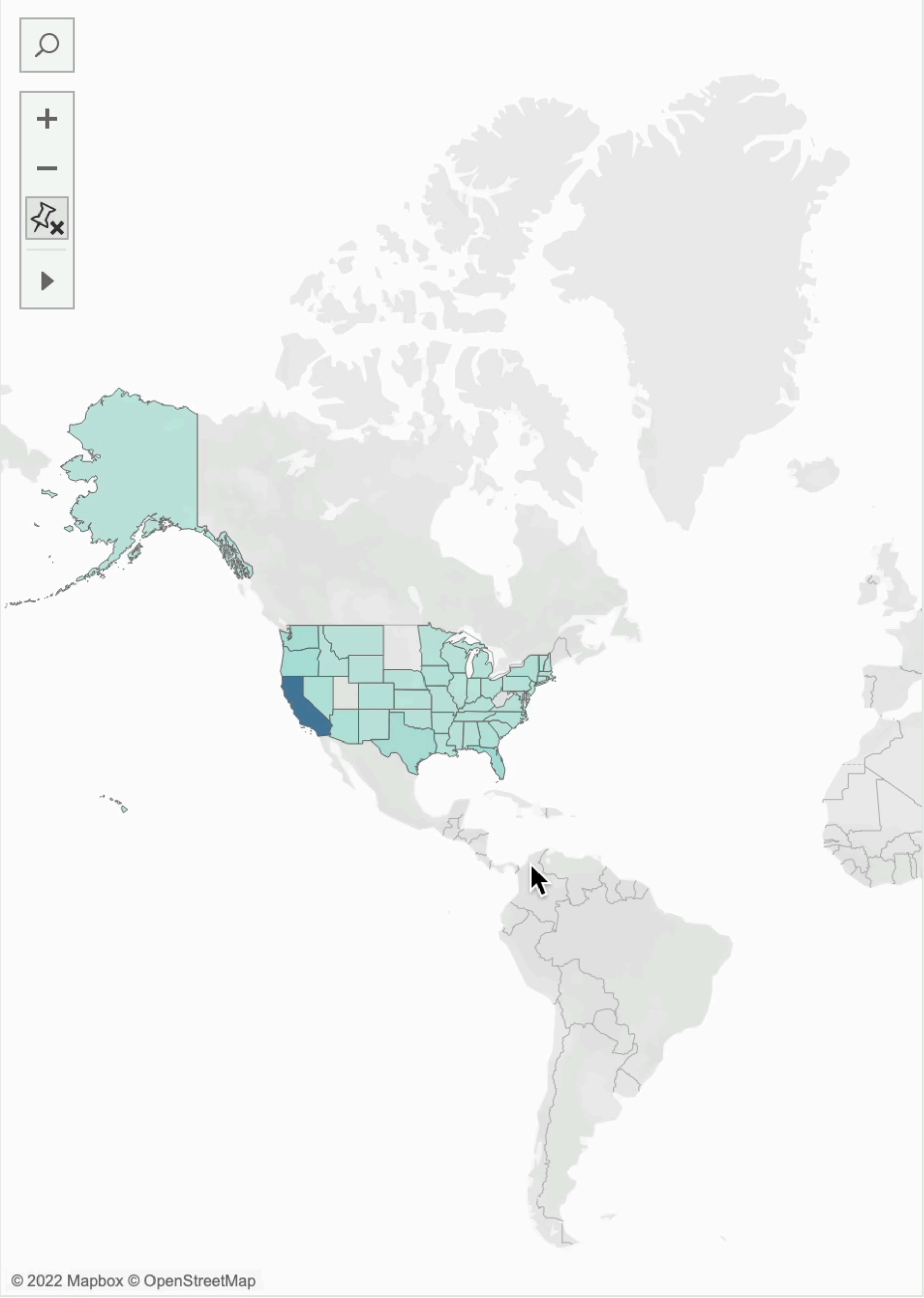
SOLUTION PATH

▸ Can targeted mental health and substance abuse programs reduce the number of unsheltered and unhoused individuals?

▸ Exploratory Data Analysis on *Point-in-Time* and *Housing Inventory Counts*, housing costs, and mental health and substance abuse services
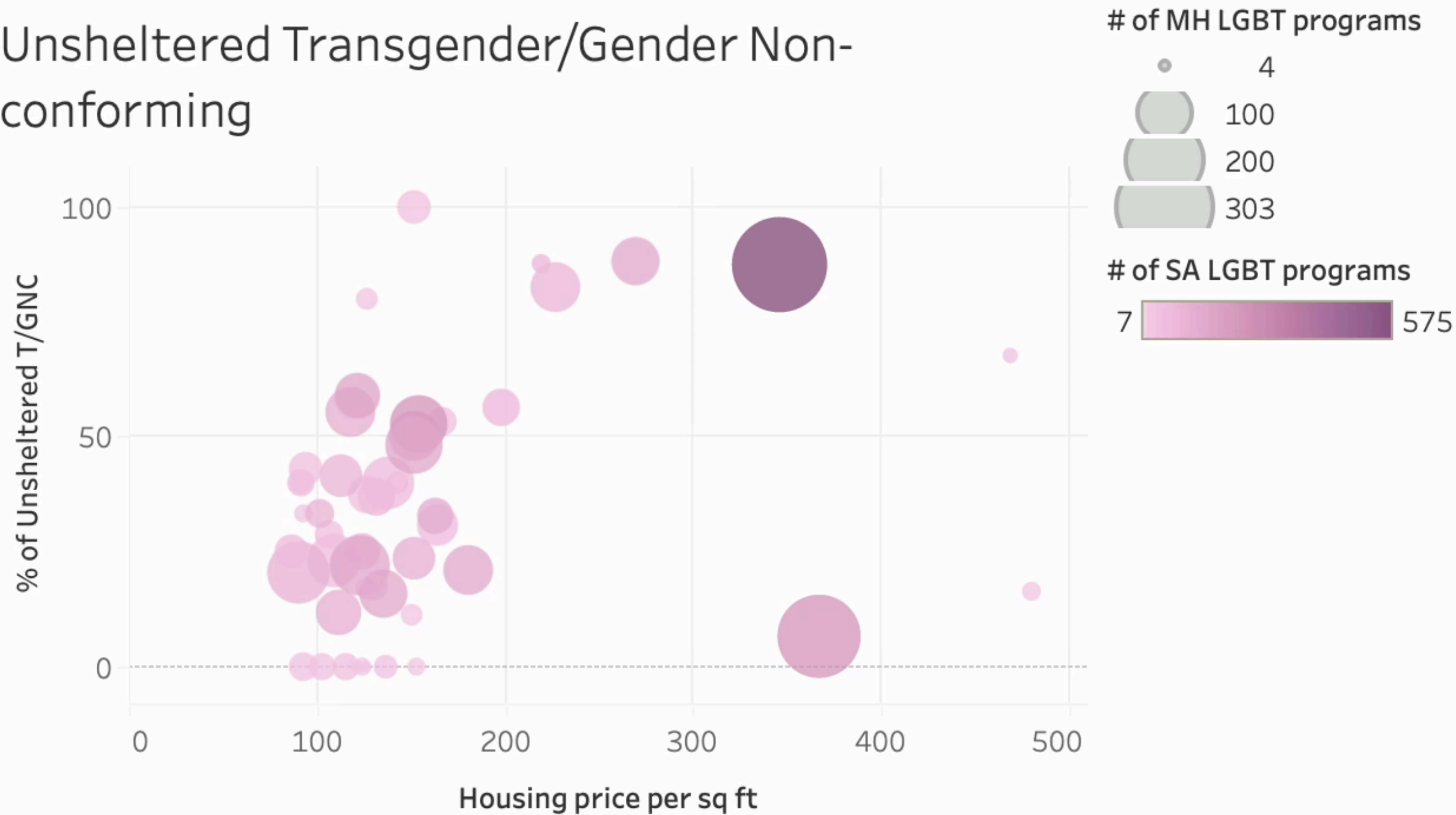
SOLUTION PATH

▸ Examining two subsets of population:

   ▸ Unhoused veterans

   ▸ Unhoused transgender and gender non-conforming

Unsheltered Vets

# of MH Vet programs
- 3
- 50
- 100
- 148

# of SA Vet Programs
5 ▬▬▬ 502

% of Unsheltered Vets (y-axis: 0, 20, 40, 60, 80)
Housing price per sq ft (x-axis: 0, 100, 200, 300, 400, 500)

Unsheltered Transgender/Gender Non-conforming

# of MH LGBT programs
- 4
- 100
- 200
- 303

# of SA LGBT programs
7 ▬▬▬ 575

% of Unsheltered T/GNC (y-axis: 0, 50, 100)
Housing price per sq ft (x-axis: 0, 100, 200, 300, 400, 500)

INITIAL CONCLUSIONS

▸ Specific, targeted mental health and substance abuse programs do not significantly reduce the number of unsheltered and unhoused individuals

▸ California needs more Emergency Shelter beds

FUTURE EXPLORATION

▸ NY has a remarkably low percentage of unsheltered unhoused individuals

▸ Meet with NY policy makers to see what has been most effective