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LEAD ME HOME: REGIONAL 10 YEAR PLAN UPDATE

PREDICTIVE MODELING

MARCH 2021

PREDICTIVE MODELING OVERVIEW AND INITIAL MODEL



- What is predictive modeling?
- How did we start? What was included?
- What did we find?
- Next Steps



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WHAT IS PREDICTIVE MODELING?

PREDICTIVE MODELING



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- Our approach is based on thinking about the homelessness response system as a set of policies, processes, and programs that impact how people move from being housed to experiencing homelessness and back to being housed
 - Used to 'peek' into the future to estimate how the numbers of people experiencing homelessness in the community might grow or shrink as changes are made to the homelessness response system
 - There is no single correct "answer"
 - It predicts the likely implications of different choices and supports more intentional and deliberate strategic planning
 - Modeling informs the future; it does not tell the future



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WHAT IS INCLUDED IN THE MODEL?

DATA AND ASSUMPTIONS IN THE MODEL



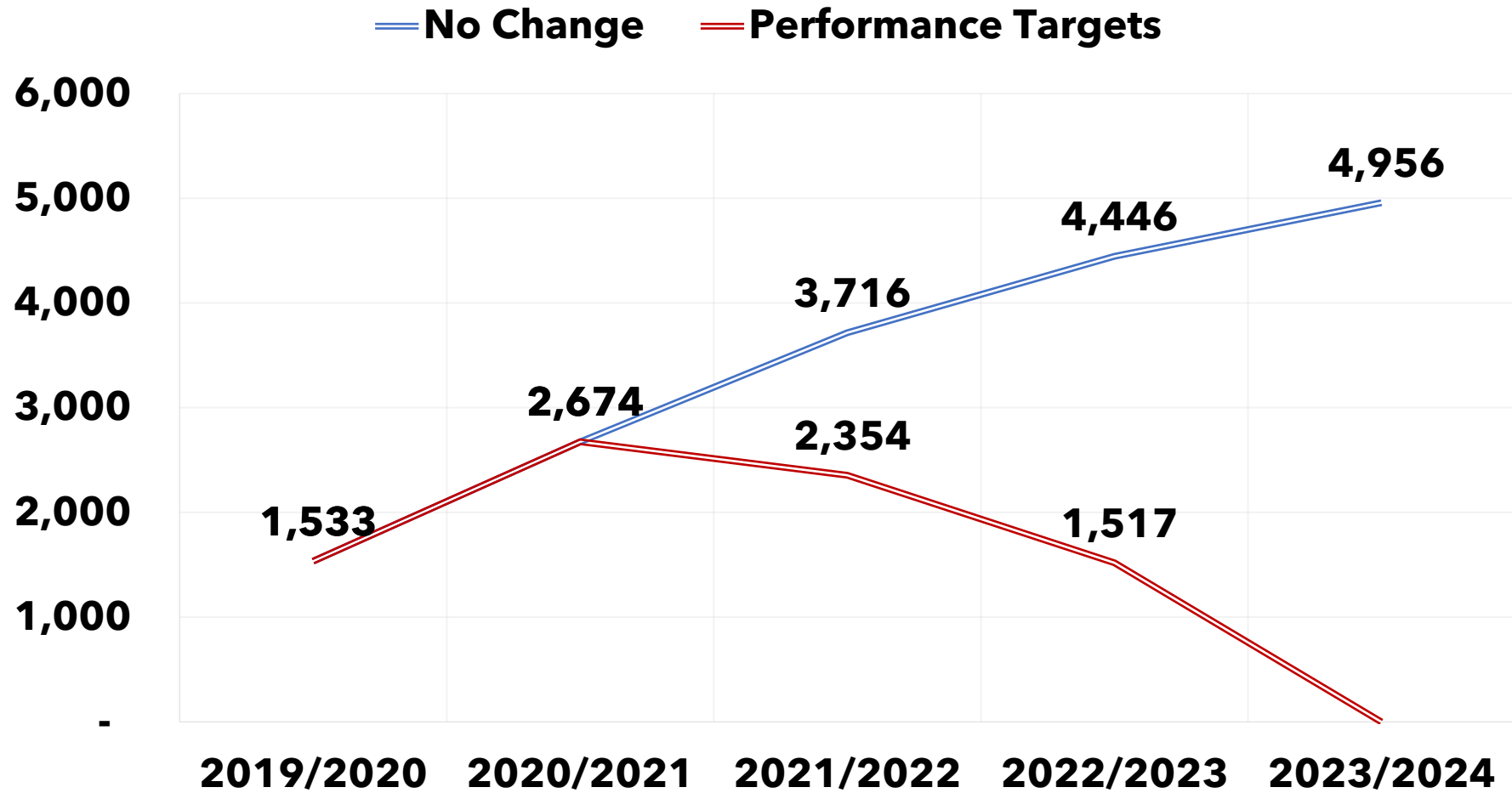
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- Current size of the population experiencing homelessness: 2019 Point in Time Count
 - Number of new households served per year: 2019 System Performance Measures
 - Currently available inventory of beds in the system - ES, TH, RRH and PSH
 - 2019 Housing Inventory County & Information from CHSP regarding expected future inventory changes
 - Households experiencing homelessness that self-resolve without the use of homeless system resources (30%)
 - Effectiveness of programs in helping people move from homelessness to housing (serving people who are already homeless, length of stay in programs, and exits to permanent housing; System Performance Analysis with BYC)

PERFORMANCE TARGETS



Measure	Benchmark	ES	TH	RRH
Length of Stay	FS Target	30 days	90 days	120 days
	FS Min	90 days	150 days	180 days
	Current BYC	51 days	300 days	170
	Target Used	45, 40, 30 days	275, 220, 160 days	150, 135, 120 days
Exit Rate to PH	FS Target	50% - 80%	85% - 90%	85% - 90%
	FS Min	40% - 65%	80%	80% - 95%
	Current BYC	12%	70%	55%
	Target Used	15%, 30%, 50%	75%, 80%, 90%	60%, 75%, 90%
Entries from Homelessness	FS Target	85%	95%	95%
	FS Min	75%	75%	75%
	Current BYC	78%	66%	77%
	Target Used	80%, 85%	75%, 85%, 95%	85%, 90%, 95%

MODELING THE IMPACT OF IMPLEMENTING PERFORMANCE TARGETS



MODELING THE IMPACT OF IMPLEMENTING PERFORMANCE TARGETS ON THE TOTAL NUMBER OF HOUSEHOLDS EXPERIENCING HOMELESSNESS



Number of Households Experiencing Homelessness: Change from 2019/20 to 2023/24

	2019/20	2023/24	% Change
Unsheltered Households	1,533	0	-100%
Sheltered Households	1,430	1,853	+30%
Total Homeless Households	2,963	1,853	-38%

CAVEAT: AVAILABILITY OF AFFORDABLE PERMANENT HOUSING



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- The model assumes that for people to end their homelessness, they must “exit” the system to permanent housing
 - While some people may exit by securing an existing housing unit (either a subsidized unit or market rate unit with or without rental assistance), an increase in the overall supply of affordable housing will also be needed
 - The model estimates 2,000 to 3,000 additional permanent housing exits per year might be needed

IMPLICATIONS OF THE ESTIMATED NUMBER OF PERMANENT HOUSING EXITS



- Significant gaps between permanent housing exits and available housing is common, especially in California; current circumstances are leading to a higher need to exit people from the homelessness response system
- Focus Strategies is doing a separate Housing Market Analysis that explores gaps between the existing affordable housing supply and what is needed
- Progress can be made by
 - Improving performance in the homelessness response system
 - Prioritizing creation of ELI/VLI units
 - Supporting providers to successfully secure as many existing units as possible



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NEXT STEPS

NEXT STEPS



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- Focus Strategies will update the modeling and integrate the Housing Market Analysis based on discussions
 - Focus Strategies will create a draft Strategic Plan which will incorporate feedback from the community and modeling results
 - The draft Plan will be presented to the community for additional feedback before finalization



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THANK YOU!



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