

# Mental Health Conservatorship Among Homeless People With Serious Mental Illness

Kristen R. Choi, Ph.D., R.N., Enrico G. Castillo, M.D., M.S., Marissa J. Seamans, Ph.D., M.S.P.H., Joseph H. Grotts, B.A., Shayan Rab, M.D., Ippolytos Kalofonos, M.D., Ph.D., Meredith Mead, M.S.N., R.N., Imani J. Walker, D.O., M.S.P.H., Sarah L. Starks, Ph.D.

**Objective:** The purpose of this study was to examine associations between homelessness and length of psychiatric hospitalization and to explore the role of mental health conservatorship in determining discharge location for patients who are homeless and have a grave disability from serious mental illness.

**Methods:** This observational study used administrative data from a safety-net psychiatric hospital in Los Angeles. The sample included 795 adults ( $\geq 18$  years) who were hospitalized on an involuntary psychiatric hold between 2016 and 2018. The outcome variables were length of stay (days) and discharge location (home, locked psychiatric facility, unlocked psychiatric facility, unhoused). The predictor variables were homelessness status and whether a mental health conservatorship was initiated during hospitalization. Multiple regression models were used to estimate associations between variables.

**Results:** Homelessness status was associated with 27.5 additional days (SE=3.5 days) of hospitalization in

adjusted models. Homeless patients for whom conservatorship was initiated comprised 6% of the sample but 41% of total inpatient days. Among people who were homeless, initiation of a conservatorship was associated with significantly longer length of inpatient stay (mean=154.8 days versus 25.6 days for the whole sample) but also with lower odds of being unhoused at the time of discharge (risk ratio=0.19, 95% confidence interval=0.09–0.34).

**Conclusions:** A mental health conservatorship can be a mechanism for helping homeless people with a grave disability from mental illness to transition from the streets to residential psychiatric treatment, but it requires substantial resources from facilities that initiate such conservatorships and does not guarantee resolution of long-term supportive housing needs.

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Twenty-one percent of individuals who are homeless have serious mental illness, compared with 5% in the general U.S. population (1–4). Mental illness among people who are homeless is associated with higher risk for mortality, disability, substance use disorders, and suicide (5–8). Adverse living conditions, combined with serious mental illness, substance use, trauma, and feelings of disaffiliation, can diminish the ability of people who are homeless to manage their general medical and mental health (9–13). Among individuals with serious mental illness, homelessness is associated with higher rates of emergency and mental health service utilization and law enforcement involvement (14–17). The pervasive cycle routing homeless people with serious mental illness from hospitals, to jails, and to the streets rarely results in resolution of housing and mental health needs (16). This revolving door of service systems for homeless individuals often involves involuntary psychiatric treatment.

In California, involuntary psychiatric treatment is governed by the Lanterman-Petris-Short (LPS) Act, which was

## HIGHLIGHTS

- Psychiatric hospitalizations in Los Angeles for people who are homeless before admission are almost 4 weeks longer than hospitalizations for people who are housed before admission.
- For people who are experiencing homelessness and who meet legal criteria for grave disability due to mental illness, mental health conservatorships greatly reduce the odds of being unsheltered at the time of discharge but also greatly extend the length of inpatient stay.
- The large number of homeless people with a grave mental disability who are stabilized but awaiting discharge placement in inpatient settings can deplete inpatient resources and prevent these patients from receiving community-based care.
- Mental health conservatorships temporarily mandate that individuals who are homeless and gravely disabled are referred to institutionalized settings but do not guarantee future connection with permanent supportive housing, suggesting a need for expansion of both community-based psychiatric services and supportive housing options.

enacted in 1967 with the goal of ending “the inappropriate, indefinite, and involuntary commitment of persons with mental health disorders” (18, 19). Under the LPS Act, temporary civil commitment for psychiatric treatment is authorized for individuals with serious mental illness who meet specific criteria—danger to self, danger to others, and/or grave disability. When certain criteria are met, sequentially longer commitments are possible: up to 72 hours for assessment, evaluation, and crisis intervention (Welfare and Institutions Code [WIC] 5150); up to 14 additional days for those who still meet criteria for involuntary psychiatric treatment at the end of the 72-hour period (WIC 5250); and up to 30 days of additional intensive treatment for individuals who continue to meet criteria for grave disability and are unwilling to accept treatment voluntarily (WIC 5270) (19–21). In everyday practice, these commitments are referred to as 72-hour, 14-day, and 30-day holds.

In California, an estimated 24% of emergency medical service encounters are for involuntary psychiatric holds (15). Nearly 40% of these involuntary holds are attributed to a very small number of patients who have five or more repeated holds and grave disability, a population that frequently includes homeless people (17). In theory, patients may move through the system of sequentially less restrictive mental health services after hospitalization in order to transition to community-based care. Potential discharge locations include locked and unlocked residential facilities (e.g., institutions for mental disease, psychiatric rehabilitation, and board and care) that offer a structured living environment with onsite mental health services. However, severe shortages of mental health beds at all levels of inpatient and residential care in California and persistently high rates of homelessness and mental illness in California mean that frequent short-term involuntary holds do not always resolve housing instability or mental health needs (16, 22).

The LPS Act also established criteria for initiating an LPS mental health conservatorship (23). LPS conservatorships last for 1 year and are reserved for individuals with grave mental disability and who require long-term assistance for making health decisions (23). Unlike multiple short-term holds, LPS conservatorships mandate long-term, intensive mental health services that can be coupled with placement in long-term, locked residential facilities (23). Although conservatorships are necessary for some individuals, they are contentious, have had mixed success in resolving long-term mental health and social needs of homeless individuals with grave mental disability, and are burdensome to mental health systems. Evidence suggests that rates of recidivism (jail, homelessness, emergency service use, psychiatric hospitalization) are high when individuals exit conservatorship and that a minority of those conserved can function independently (24, 25).

Evidence indicates that individuals who are homeless and have grave mental disability frequently use psychiatric services via short-term LPS holds, but less is known about how homelessness and LPS mechanisms, including LPS conservatorship, intersect to affect mental health service

systems (26). Initiating an LPS conservatorship is a difficult, lengthy, and resource-intensive process for referring facilities, including varying timelines, petitions, court hearings, and other requirements by the patient’s county of residence as well as renewal of the conservatorship every year (25). The purpose of this study was to examine the association between homelessness and length of involuntary psychiatric hospitalization under LPS mechanisms in California and to explore the role of the LPS conservatorship in determining discharge location for homeless patients with grave mental disability.

## METHODS

### Design

This retrospective, observational study used data from a nonprofit safety-net psychiatric hospital in Los Angeles from 2016 to 2018. The study was approved by the institutional review board at the University of California, Los Angeles, and the research committee at Gateways Hospital and Mental Health Center.

### Setting and Sample

The setting for this study was a 28-bed adult (18–56 years) inpatient unit at a safety-net psychiatric hospital near Downtown Los Angeles. The hospital primarily cares for adults who are placed on an involuntary psychiatric hold and who do not have health insurance. Psychiatric hospitalizations for uninsured patients are paid for by the Los Angeles County Department of Mental Health through the Short-Doyle program, a fund established by the State of California Short-Doyle Act of 1953, or by other county funds for psychiatric emergency services (27).

A total of 849 adult patients (18–56 years) were admitted to the hospital between January 2016 and December 2018. Patients with no recorded discharge data, patients who were accepted for admission but did not actually arrive at the facility, patients sent back to the admitting facility on arrival, and a small number of patients who were hospitalized under one of two non-LPS mechanisms (voluntarily admitted patients, forensic patients) were omitted from the sample (N=54). Ultimately, 795 patients were included in the analysis.

### Data

Hospital administrative data and medical records data were used for this study. Administrative data were from an internal patient tracking data system that included length of stay, type of admitting facility (safety-net hospital, psychiatric urgent care, other), funding source (Short-Doyle funds or psychiatric emergency service funds), discharge location, age, gender, and dates of LPS legal proceedings during hospitalization (e.g., initiation of a new involuntary hold, probable cause hearing, initiation of conservatorship). Homelessness status at the time of admission was extracted from admission notes in patient medical records.

## Variables

The primary outcomes for this study were length of stay (days) and whether or not the patient was unhoused at discharge. The primary predictor variables were homelessness status at admission and whether conservatorship was initiated during hospitalization.

*Predictors.* Homelessness status at admission was indicated in admission notes as routine practice because the hospital consistently receives a high volume of people who are homeless. Although homelessness can refer to a range of unstable living situations, for this facility “homeless” denotes that the patient was brought to the facility from living on the streets, not from shelters or unstable housing with relatives or friends.

Conservatorship initiation status was determined from conservatorship proceedings dates in the administrative data set; patients were coded as having been conserved if a temporary conservatorship was initiated. Within the California LPS system, grave disability criteria are required to be met for 30-day holds and conservatorship initiation (23). Because patients can be placed on a 14-day or a 30-day hold or be conserved—in that sequential order—only if they have acute, ongoing, unresolved psychiatric need and grave disability, hold status at discharge was used as an indicator of psychiatric severity.

*Outcomes.* Length of stay in days was calculated from admission and discharge dates. Discharge locations were categorized into four types: home (patient’s, family member’s, or friend’s home), locked psychiatric residential facility (e.g., institution for mental disease, psychiatric rehabilitation), unlocked psychiatric residential facility (e.g., step-down institution for mental disease, board and care, group home), and unhoused (e.g., homeless shelter, short-term transitional housing, hotel or motel, patient escaped hospital site without returning).

## Analysis

Analyses were performed by using R, version 4.0.3 (28). Descriptive statistics were used to characterize the study sample overall and were stratified by homelessness status at the time of admission. Bivariate tests (analysis of variance for continuous variables, chi-square tests for categorical variables) were used to compare patients who were homeless at admission with all other patients, with a Bonferroni correction to adjust for multiple comparisons.

The association between homelessness status at admission and length of stay was assessed with a multiple linear regression model regressing length of stay on an indicator for homelessness status at admission and adjusting for patient age (years), patient gender (male, female), and admission year (2016, 2017, or 2018). Next, the association between conservatorship initiation and discharge status only among patients who were homeless at admission (N=362) was assessed by using multiple logistic regression models

with each of the four discharge location variables (outcomes) regressed on the categorical variable for the highest-level hold during the psychiatric hospitalization (predictors). This predictor variable had four categories indicating that the highest level of involuntary commitment was, in reverse sequential order, conservatorship (the predictor of interest) or a 30-day, 14-day, or 72-hour hold. The 30-day-hold category was used as a reference because it is the final hold category prior to conservatorship initiation. The association between highest-level hold and discharge location among individuals receiving conservatorship was therefore relative to those whose highest-level hold was for 30 days. This categorical highest-hold variable was treated as a proxy for length of stay and psychiatric severity as well as for assessing the specific implications of conservatorship. The model was adjusted for the same covariates noted above.

## RESULTS

The percentage of patients who were homeless at admission increased from 45% (N=128) in 2016 to 49% (N=145) in 2018. The average length of stay for adult patients from 2016 to 2018 was 25.6 days (median=11 days, range 0–483 days). Most patients stayed for fewer than 14 days, but the average length of stay was 2.5 times longer for patients who were homeless at admission compared with patients who were housed at admission. Conservatorship was initiated for 14% (N=50) of the 362 patients who were homeless at admission and for 3% (N=11) of the 433 patients who were not homeless. Homeless patients for whom conservatorship was initiated comprised 6% (N=50) of the overall sample, but their hospital stays accounted for 41% of total inpatient days. The average length of stay for patients for whom conservatorship was initiated was 154.8 days. Most homeless patients for whom conservatorship was initiated were male (N=38, 76%), and patients under conservatorship had a mean±SD age of 37.5±11.3 years.

Patients who were homeless at admission, on average, were older ( $p<0.01$ ), were more often men ( $p=0.01$ ), and more frequently met criteria for initiation of conservatorship ( $p<0.01$ ), compared with those who were not homeless (Table 1). They were also more frequently unhoused at the time of discharge ( $p<0.01$ ). Fifty-six percent (N=203) of patients who were homeless at admission were unhoused at the time of their discharge, compared with 2% (N=9) of nonhomeless patients. Among patients who were homeless at admission and had a conservatorship initiated during hospitalization, 8% (N=4) were discharged to home, 64% (N=32) were discharged to a locked psychiatric or residential facility, 18% (N=9) were discharged to an unlocked psychiatric or residential facility, and 10% (N=5) were unhoused at the time of discharge (Figure 1).

In the first model predicting length of stay (Table 2), homelessness status at admission was associated with longer length of stay after adjustment for sociodemographic variables. Being homeless at admission was associated with an

**TABLE 1. Sociodemographic and clinical characteristics of patients discharged from a Los Angeles safety-net psychiatric hospital, 2016–2018**

Characteristic	Overall (N=795)		Not homeless (N=433)		Homeless (N=362)	
	N	%	N	%	N	%
Age (M±SD years)	32.8±10.4		31.6±10.3		34.3±10.3	
Length of stay (M±SD days)	25.6±49.4		12.7±17.8		41.0±67.4	
Gender						
Female	197	25	123	28	74	20
Male	598	75	310	72	288	80
Funding source						
Short-Doyle county funds	676	85	374	86	302	83
Psychiatric emergency county funds	119	15	59	14	60	17
Admission location						
Psychiatric urgent care	321	40	168	39	217	60
Safety-net hospital	389	49	217	50	172	48
Other	85	11	48	11	37	10
Highest-level involuntary hold placed during hospitalization						
72-hour hold	74	9	59	14	15	4
14-day hold	493	62	309	71	184	51
30-day hold	167	21	54	13	113	31
Conservatorship initiated	61	8	11	3	50	14

additional 27.5 days of hospitalization (SE=3.5 days,  $p<0.001$ ). Older age was also associated with longer hospitalization ( $p<0.01$ ).

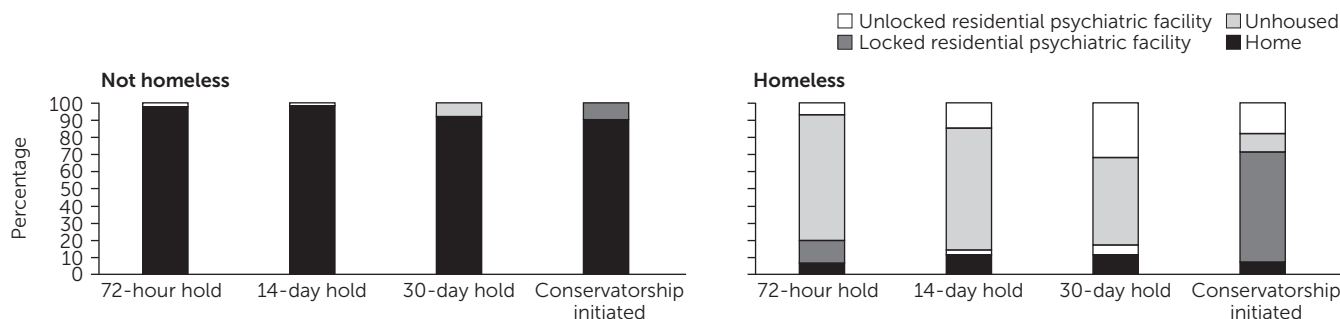
Among the subsample of patients who were homeless at admission (N=362), those who had a conservatorship initiated had 11 times the odds of discharge to a locked residential psychiatric facility compared with those whose highest hold type was a 30-day hold (Table 3). This subsample also had a substantial reduction in odds of being unhoused at the time of discharge (risk ratio [RR]=0.19). Other gradations in highest hold type during the hospitalization were also associated with differences in discharge location: those who had a 14-day hold as their highest hold had a large reduction in odds of discharge to an unlocked psychiatric residential facility (RR=0.46) and a 1.4 times greater odds of being discharged unhoused, relative to those with a 30-day hold as their highest hold type. Among those who were homeless, younger age had a small but significant association with being discharged to home. Being admitted during the most

recent year in the data set, 2018, was also significantly associated with discharge to an unlocked psychiatric residential facility and with a reduction in the likelihood of being unhoused at the time of discharge (Table 3).

**DISCUSSION**

This study of involuntary psychiatric hospitalizations in Los Angeles found that patients who were homeless at the time of admission experienced longer hospitalizations and were more likely to remain unhoused when discharged than those who were not homeless (26, 29–31). Among patients who were homeless at the time of admission, those for whom an LPS conservatorship was initiated were less likely to be unhoused at time of discharge than those who were discharged after a 30-day hold, and a majority of conserved patients were mandated to a locked residential facility (e.g., institution for mental disease or psychiatric rehabilitation), where their mental health care could be continued (23).

**FIGURE 1. Discharge location after hospitalization at a Los Angeles safety-net psychiatric hospital, by homelessness status at admission and highest level of psychiatric hold, 2016–2018 (N=795)**



**TABLE 2. Predictors from multiple linear regression of length of stay among patients discharged from a Los Angeles safety-net psychiatric hospital, 2016–2018 (N=795)**

Variable	$\beta$	SE	p
Homelessness status at admission	27.54	3.45	<.01
Age (years)	.50	.16	<.01
Gender (reference: female)	-.44	3.94	.91
Admission year (reference: 2016)			
2017	-7.12	4.07	.08
2018	-3.25	4.17	.44

Such discharges are common in California for individuals in conservatorship, who require a highly structured environment (24). It is important to note that being placed in a locked residential facility is not equivalent to being stably and voluntarily housed at the end of inpatient treatment. Although psychiatric hospitals expend substantial resources in retaining patients with serious mental illness until they are able to be placed in an appropriate lower level of treatment that includes housing, there is no guarantee that patients will remain housed after exiting their conservatorship (32, 33).

Patients who were homeless at admission and had a conservatorship initiated during hospitalization represented 6% of the sample but 41% of inpatient days. This substantial allocation of inpatient resources was due in part to a scarcity of beds within lower levels of care (i.e., institutions for mental disease) (33, 34). Patients who are placed in conservatorship can remain in an inpatient setting for 3–6 months, sometimes for more than 1 year, while awaiting bed availability in locked residential facilities. Inpatient psychiatric hospitalization at a community-based hospital is estimated to cost \$767 per day, or \$279,802 per year, in contrast to the estimated \$13,661 annual cost of a year of supportive housing (35, 36). In addition to the fact that inpatient facilities may be too restrictive for patients who are conserved and stabilized psychiatrically, the immense amount of inpatient resources that must be devoted to conserved patients awaiting placement means that inpatient psychiatric hospitals cannot function as

intended to stabilize acute psychiatric crises (34). The high number of inpatients under conservatorship means that fewer remaining beds are available for others needing acute psychiatric care, which may affect the length of stay and discharge dispositions of these other patients.

In 2020, an audit of the implementation of the LPS Act was conducted in three California counties (22, 34). The report concluded that all three counties failed to ensure adequate care for people with serious mental illnesses and that repeated involuntary holds did not result in connection to community-based care (34). Our findings from one of the few facilities in Los Angeles County that cares for individuals without insurance who are placed on involuntary holds, which often includes homeless people, align with the conclusions of the report. Our findings also suggest that reliance on conservatorships as a means to secure both longer-term shelter and mental health treatment is a signal of systemic gaps in California's safety-net systems of care (33, 34, 36, 37). Although, in theory, homeless individuals with grave disability from serious mental illness have a continuum of available housing and mental health treatment options that do not involve being compelled into restrictive treatment, jails and prisons, or the streets, extremely limited bed availability prevents seamless care transitions along this continuum (38). Hospitals in California often must discharge patients unhoused or mandate patients to restrictive settings, with no alternatives in between (32, 34, 39).

Although conservatorship can be a necessary mechanism for assisting people with grave disability from serious mental illness to receive treatment, it is important to note that conservatorship is not appropriate or humane for a majority of people with serious mental illness who are homeless, particularly when extended stays in an acute setting are needed to accommodate legal processes and residential placement. California can expand upon existing services (e.g., Homeless Outreach and Mobile Engagement, Housing for Health) and can draw lessons from other locales to expand the continuum of housing and mental health treatment options available to individuals with serious mental illness who are homeless (39–43). For

**TABLE 3. Predictors from multiple logistic regression of discharge location among homeless adults (N=362) after involuntary psychiatric hospitalization<sup>a</sup>**

Variable	Home		Locked psychiatric residential facility		Unlocked psychiatric residential facility		Unhoused	
	RR	95% CI	RR	95% CI	RR	95% CI	RR	95% CI
Highest-level hold during psychiatric hospitalization (reference: 30-day hold)								
Conservatorship initiated	.77	.23–2.11	11.09	5.98–26.44	.55	.27–1.03	.19	.09–.34
14-day hold	.97	.50–1.94	.57	.21–1.51	.46	.29–.73	1.39	1.13–1.73
72-hour hold	.64	.04–3.05	2.16	.42–7.65	.25	.02–1.05	1.37	.84–2.11
Age (years)	.96	.93–.99	.94	.96–1.00	1.01	.99–1.03	1.00	.99–1.01
Gender (reference: female)	.94	.46–2.12	.64	.37–1.16	.97	.60–1.65	1.16	.91–1.49
Admission year (reference: 2016)								
2017	.61	.27–1.34	1.51	.79–2.90	1.51	.76–2.77	.93	.74–1.16
2018	.92	.44–1.87	1.04	.55–1.97	2.80	1.56–4.92	.69	.54–.87

<sup>a</sup> RR, risk ratio.

example, in Los Angeles, homeless-outreach teams are in place to connect homeless persons who do not utilize traditional models of care to street-based medical and psychiatric providers (44, 45). Because patients with severe mental illness and chronic homelessness are sometimes too functionally impaired to engage in treatment and placement, empowering street-based teams with the ability to provide street-based treatment and initiate LPS conservatorship referrals may help reduce the burden of prolonged hospitalizations in current LPS conservatorship pathways (46, 47). Increased construction and funding of Housing First permanent supportive housing and expedited pathways to access such services outside the hospital setting may also help reduce the burden of prolonged hospitalizations associated with this vulnerable population. There is a need for more systematic and comprehensive data regarding conservatorship and long-term outcomes (e.g., medication adherence, suicide, quality of life, hospital readmissions, housing, violence) of civil commitment (25). County or state mental health systems may be well suited to collecting such data to improve the use of these legal pathways and ensure appropriate service coordination for individuals who are conserved.

This study had strengths and limitations that should be considered in interpreting the results. Our study used data from a patient population that is transient and at times difficult to access for research purposes. We had a large sample from this population and information about legal proceedings during hospitalization under the LPS Act. Our study also had detailed information about discharge location and type. There were limitations to our study as well. The study used a sample from a single facility, and we did not have detailed information on past mental health history (past involuntary holds, hospitalizations), psychiatric diagnoses or symptoms, race-ethnicity, or comorbid medical conditions. Additionally, we did not have long-term follow-up data on patient housing status. All patients in the sample were hospitalized, and we were unable to make comparisons with other mental health programs that initiate conservatorships (e.g., assisted outpatient treatment) or to homelessness service programs that initiate housing. Future studies should investigate the health and social history and long-term outcomes of this population, including consistency in psychiatric and demographic characteristics of those for whom conservatorship is initiated and who remains stably housed in the long term.

## CONCLUSIONS

The intersection of homelessness and mental illness presents a major challenge to California, which has both a housing crisis and substantial gaps in safety-net mental health services (4, 34, 36). This study illustrates how LPS conservatorships function in such a context. They reduce the likelihood of patients being discharged to the streets but also can deplete mental health resources in inpatient settings. Conservatorships require substantial resources from hospitals and do not guarantee that an individual will be connected with housing when exiting conservatorship, but conservatorships can

benefit some patients with grave disability from serious mental illness by allowing them to receive intensive treatment in settings that include residence. These findings suggest a need to expand psychiatric services along the continuum of psychiatric care, including street-based care, and to study factors associated with resolution of long-term housing and mental health needs for individuals who are conserved, which can then inform future intervention research.

## AUTHOR AND ARTICLE INFORMATION

School of Nursing, University of California, Los Angeles (UCLA) (Choi, Grotts); Department of Health Policy and Management (Choi) and Department of Epidemiology (Seamans), Fielding School of Public Health, UCLA; Center for Social Medicine and Humanities, Jane and Terry Semel Institute for Neuroscience and Human Behavior, UCLA (Castillo, Kalofonos, Starks); Department of Psychiatry and Biobehavioral Sciences, David Geffen School of Medicine, UCLA (Rab); Department of Psychiatry, West Los Angeles Veterans Affairs (VA) Medical Center (Kalofonos); Gateways Hospital and Mental Health Center (Mead, Walker); all in Los Angeles. Send correspondence to Dr. Choi (krchoi@ucla.edu).

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## REFERENCES

1. Homelessness Increase in California Offsets Combined Decrease in All Other States; Continued Declines Noted Among Veterans and Families With Children. HUD no 20-003. Washington, DC, US Department of Housing and Urban Development, January 7, 2020. [https://www.hud.gov/press/press\\_releases\\_media\\_advisories/HUD\\_No\\_20\\_003](https://www.hud.gov/press/press_releases_media_advisories/HUD_No_20_003)
2. Ayano G, Tesfaw G, Shumet S: The prevalence of schizophrenia and other psychotic disorders among homeless people: a systematic review and meta-analysis. *BMC Psychiatry* 2019; 19:370
3. 2001–2018 Greater Los Angeles Homeless Count—Los Angeles County. Los Angeles, Los Angeles Homeless Services Authority, 2018. <https://www.lahsa.org/documents?id=2001-2018-greater-los-angeles-homeless-count-los-angeles-county.pdf>
4. 2020 Greater Los Angeles Homeless Count Results. Los Angeles, Los Angeles Homeless Services Authority, 2020. <https://www.lahsa.org/news?article=726-2020-greater-los-angeles-homeless-count-results>. Accessed Dec 5, 2020
5. Desai RA, Liu-Mares W, Dausey DJ, et al: Suicidal ideation and suicide attempts in a sample of homeless people with mental illness. *J Nerv Ment Dis* 2003; 191:365–371
6. Martens WH: A review of physical and mental health in homeless persons. *Public Health Rev* 2001; 29:13–33
7. Doran KM, Rahai N, McCormack RP, et al: Substance use and homelessness among emergency department patients. *Drug Alcohol Depend* 2018; 188:328–333
8. Nishio A, Horita R, Sado T, et al: Causes of homelessness prevalence: relationship between homelessness and disability. *Psychiatry Clin Neurosci* 2017; 71:180–188
9. Maness DL, Khan M: Care of the homeless: an overview. *Am Fam Physician* 2014; 89:634–640
10. Recent Trends in Mortality Rates and Causes of Death Among People Experiencing Homelessness in Los Angeles County. Los Angeles, Los Angeles County Department of Public Health, Center for

- Health Impact Evaluation, 2021. [http://www.publichealth.lacounty.gov/chie/reports/HomelessMortality2020\\_CHIEBrief\\_Final.pdf](http://www.publichealth.lacounty.gov/chie/reports/HomelessMortality2020_CHIEBrief_Final.pdf)
11. Jones CA, Perera A, Chow M, et al: Cardiovascular disease risk among the poor and homeless—what we know so far. *Curr Cardiol Rev* 2009; 5:69–77
  12. Cardiovascular Disease. Nashville, TN, National Health Care for the Homeless Council, 2021. <https://nhchc.org/clinical-practice/diseases-and-conditions/cardiovascular-disease>
  13. Lee TC, Hanlon JG, Ben-David J, et al: Risk factors for cardiovascular disease in homeless adults. *Circulation* 2005; 111:2629–2635
  14. Kanzaria HK, Niedzwiecki M, Cawley CL, et al: Frequent emergency department users: focusing solely on medical utilization misses the whole person. *Health Aff* 2019; 38:1866–1875
  15. Fernandez KI: Utilization of Emergency Department Services by Homeless Individuals in Pomona, California: A Quantitative Study. Long Beach, CA, California State University, 2018
  16. Compton MT, Kelley ME, Pope A, et al: Opening doors to recovery: recidivism and recovery among persons with serious mental illnesses and repeated hospitalizations. *Psychiatr Serv* 2016; 67:169–175
  17. Trivedi TK, Glenn M, Hern G, et al: Emergency medical services use among patients receiving involuntary psychiatric holds and the safety of an out-of-hospital screening protocol to “medically clear” psychiatric emergencies in the field, 2011 to 2016. *Ann Emerg Med* 2019; 73:42–51
  18. Lanterman-Petris-Short Act, 1967 (Calif)
  19. Lanterman-Petris-Short (LPS) Training Manual. Los Angeles, Los Angeles County Department of Mental Health, 2018. [http://file.lacounty.gov/SDSInter/dmh/1060569\\_LPS\\_Training\\_Manual.pdf](http://file.lacounty.gov/SDSInter/dmh/1060569_LPS_Training_Manual.pdf)
  20. Warren CAB: Involuntary commitment for mental disorder: the application of California’s Lanterman-Petris-Short Act. *Law Soc Rev* 1977; 11:629–649
  21. Morris NP: Reasonable or random: 72-hour limits to psychiatric holds. *Psychiatr Serv* 2021; 72:210–212
  22. Enos G: Audit of forced care in California fuels discussion of flaws in law. *Ment Health Wkly* 2020; 30:1–8
  23. Conservatorship: Serious Mental Illness and Substance Use Disorders. SB-1045. Los Angeles, California Legislative Information, 2018. [https://leginfo.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180SB1045](https://leginfo.ca.gov/faces/billTextClient.xhtml?bill_id=201720180SB1045)
  24. Lamb HR, Weinberger LE: One-year follow-up of persons discharged from a locked intermediate care facility. *Psychiatr Serv* 2005; 56:198–201
  25. Morris NP: Detention without data: public tracking of civil commitment. *Psychiatr Serv* 2020; 71:741–744
  26. Russolillo A, Moniruzzaman A, Parpouchi M, et al: A 10-year retrospective analysis of hospital admissions and length of stay among a cohort of homeless adults in Vancouver, Canada. *BMC Health Serv Res* 2016; 16:60
  27. Auerback A: The Short-Doyle Act; California community mental health services program: background and status after one year. *Calif Med* 1959; 90:335–338
  28. The R Project for Statistical Computing. Vienna, R Core Team, 2020
  29. Rapisarda F, Felx A, Gagnon S, et al: Housing orientations and needs of above-average length of stay hospitalized psychiatric patients. *Front Psychiatry* 2020; 11:231
  30. Schreiter S, Heidrich S, Zulauf J, et al: Housing situation and healthcare for patients in a psychiatric centre in Berlin, Germany: a cross-sectional patient survey. *BMJ Open* 2019; 9:e032576
  31. Smith P, Nicaise P, Lorant V: Does the length of stay in psychiatric inpatient units affects the social integration of severe mentally-ill patients? A study in five European countries. *J Epidemiol Community Health* 2018; 72:A84.2–A84
  32. Garristson SH: Availability and performance of psychiatric acute care facilities in California from 1992 to 1996. *Psychiatr Serv* 1999; 50:1453–1460
  33. Torrey EF, Entsminger K, Geller J, et al: The shortage of public hospital beds for mentally ill persons. *Treatment Advocacy Center* 2015; 30:3:6–9
  34. Lanterman-Petris-Short Act: California Has Not Ensured That Individuals With Serious Mental Illnesses Receive Adequate Ongoing Care. Report no 2019-119. Sacramento, California State Auditor, 2020. <http://auditor.ca.gov/reports/2019-119/index.html>
  35. Stensland M, Watson PR, Grazier KL: An examination of costs, charges, and payments for inpatient psychiatric treatment in community hospitals. *Psychiatr Serv* 2012; 63:666–671
  36. Flaming D, Toros H, Burns P: Home Not Found: The Cost of Homelessness in Silicon Valley. Los Angeles, Economic Roundtable, 2015. [https://destinationhomesv.org/wp-content/uploads/2015/05/er\\_homenotfound\\_report\\_6.pdf](https://destinationhomesv.org/wp-content/uploads/2015/05/er_homenotfound_report_6.pdf)
  37. Los Angeles County Consolidated Correctional Treatment Facility Population Analysis and Community Health Care Continuum. Los Angeles, Health Management Associates and Pulitzer/Bogard & Associates, 2015. <http://file.lacounty.gov/SDSInter/bos/supdocs/96425.pdf>
  38. Schon J: Why are California’s prisons and streets filled with more mentally ill than its hospitals? California’s deinstitutionalization movement. *Santa Clara Law Rev* 2019; 59:269–297
  39. Pinals DA, Fuller DA: The vital role of a full continuum of psychiatric care beyond beds. *Psychiatr Serv* 2020; 71:713–721
  40. California’s High Housing Costs: Causes and Consequences. Sacramento, CA, Legislative Analyst’s Office, 2015. <https://lao.ca.gov/reports/2015/finance/housing-costs/housing-costs.pdf>
  41. New York/New York III Supportive Housing Evaluation: Interim Utilization and Cost Analysis. New York, New York City Department of Health and Mental Health, New York City Human Resources Administration, New York State Office of Mental Health, 2013. <https://shnny.org/images/uploads/NY-NY-III-Interim-Report.pdf>
  42. Hunter SB, Harvey M, Briscoe B, et al: Evaluation of Housing for Health Permanent Supportive Housing Program. Santa Monica, CA, RAND, 2017
  43. O’Campo P, Stergiopoulos V, Nir P, et al: How did a Housing First intervention improve health and social outcomes among homeless adults with mental illness in Toronto? Two-year outcomes from a randomised trial. *BMJ Open* 2016; 6:e010581
  44. Finland. Brussels, Housing First Europe Hub, 2021. <https://housingfirsteurope.eu/countries/finland>
  45. Disrupting the Cycle of Homelessness—DMH Homeless Outreach and Mobile Engagement (HOME) Team Pilot. Los Angeles, Los Angeles County Board of Supervisors, 2020. <https://scvnews.com/files/barger20200623homeless/barger20200623homeless.pdf>
  46. Koh KA: Psychiatry on the streets—caring for homeless patients. *JAMA Psychiatry* 2020; 77:445–446
  47. Segal SP, Hayes SL, Rimes L: The utility of outpatient commitment: I. A need for treatment and a least restrictive alternative to psychiatric hospitalization. *Psychiatr Serv* 2017; 68:1247–1254