

Procedural Justice in Housing: The Impact of Legal Safeguards on Eviction Outcomes for Low-Income Renters

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ABSTRACT: Housing insecurity and eviction disproportionately impact low-income renters, undermining social and economic stability. This study assesses the effectiveness of procedural legal protections—specifically the right to counsel and the proportionality test—in reducing eviction rates across jurisdictions. Grounded in international human rights frameworks such as the ICESCR and UN-Habitat guidelines, the research investigates whether codified procedural safeguards correspond with lower levels of involuntary displacement. Using a panel Difference-in-Differences (DiD) design, the study analyzes data from the Eviction Lab (U.S.), OECD Affordable Housing Database, and a custom legal protections index. Comparisons were made between jurisdictions with and without procedural safeguards, controlling for unemployment, rent inflation, and urban density. Results show that right-to-counsel statutes significantly reduce eviction filings—by up to 60% in cities like New York and San Francisco (2013–2020). Proportionality tests were also linked to improved housing outcomes, particularly when integrated into broader legal frameworks. Subgroup analyses reveal that informal tenants and racial minorities benefit less unless explicitly covered by law. The effectiveness of these protections depends heavily on enforcement capacity and the availability of legal aid. The study concludes that procedural legal protections are vital policy tools for advancing housing justice. To maximize their impact, legal reforms must extend beyond codification to include inclusive design, public awareness, and strong institutional enforcement. These findings contribute to housing law and social policy by empirically demonstrating the role of legal safeguards in preventing eviction and promoting tenure security.

Keywords: Eviction, Housing Law, Right to Counsel, Proportionality Test, Legal Protections, Housing Insecurity, Low-Income Renters.



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INTRODUCTION

Housing insecurity and eviction have emerged as defining issues of urban inequality in the 21st century. Across global contexts, low-income populations are disproportionately affected by

unstable tenancies, unaffordable rents, and involuntary displacement. These conditions are driven by a confluence of factors including wage stagnation, economic precarity, deregulated housing markets, and uneven legal protections. In the United States alone, an estimated 2.5 million evictions occur annually, affecting nearly 3% of households (Bradford & Maclean, 2023). These figures reflect systemic housing precarity rather than isolated instances of tenant failure. Historically, spikes in eviction rates coincide with broader socio-economic shocks, such as the 2008 financial collapse or the COVID-19 pandemic (Merritt & Farnworth, 2020), underscoring the structural vulnerabilities of low-income renters.

Globally, eviction is less a personal crisis than a socio-legal event rooted in market dynamics and state policy. Research consistently links increasing eviction rates with declining affordability, particularly in urban centers where housing is commodified and speculative development displaces marginalized communities (Soederberg, 2018). Financialization of housing markets, reduced public investment in affordable housing, and exclusionary zoning practices have transformed housing from a social right into a tradable asset. These trends disproportionately affect marginalized populations including racial minorities and informal residents who endure chronic housing instability and high risk of displacement (Lens et al., 2020).

The affordability crisis is not confined to high-income countries. In cities across the Global South, the mismatch between housing costs and income levels is similarly acute. Slum proliferation, informal settlements, and overcrowded dwellings reflect structural inadequacies in both housing supply and legal protection. High eviction rates are increasingly recognized as symptoms of deeper socio-economic exclusion, exacerbating cycles of poverty and inequality (Wetzstein, 2017). The consequences are multi-dimensional: individuals facing eviction often suffer diminished access to education, employment, and healthcare (Allen et al., 2019).

Eviction is not only a material loss but also a legal process with significant human rights implications. International legal instruments have sought to frame housing as a universal right, particularly under Article 11(1) of the International Covenant on Economic, Social and Cultural Rights (ICESCR). This provision elaborated in General Comments No. 4 and No. 7 establishes adequate housing and protection from forced eviction as fundamental entitlements. These standards stress security of tenure, affordability, accessibility, and cultural adequacy, while demanding that evictions comply with due process, non-discrimination, and proportionality (Birchall, 2019). The United Nations' Guidelines on Development-Based Evictions further reinforce procedural standards including meaningful consultation, legal remedies, and resettlement rights.

Despite this normative clarity, national implementation remains inconsistent. Many jurisdictions lack codified protections or fail to operationalize international principles into enforceable domestic law. Even where legal frameworks exist, enforcement mechanisms are often inadequate, bureaucratic, or under-resourced (Monkkonen, 2018). In several states, expedited eviction procedures prioritize landlords' rights over tenants' needs, resulting in disproportionate harm to vulnerable households (Nelson, 2019). The lack of legal counsel for tenants, combined with procedural opacity, severely constrains access to justice. In such contexts, evictions become not

merely administrative outcomes but manifestations of systemic inequity (Kulkarni & Notario, 2023).

The repercussions of eviction extend far beyond the immediate loss of shelter. Numerous studies document its association with deteriorating mental and physical health, particularly among women and children (Harville et al., 2022). Displacement often disrupts children's education, severs access to health and social services, and leads to employment instability. Stigmatization through eviction records further impedes access to future housing, creating feedback loops of housing exclusion and economic marginalization (Lewis & Kornrich, 2019). In effect, eviction entrenches poverty.

Despite extensive documentation of its harms, empirical evaluations of legal responses to eviction are comparatively sparse. Much of the research foregrounds the socio-economic impact of displacement but does not systematically assess how legal safeguards affect eviction rates or housing outcomes (Nelson, 2019). Gaps in comparative data, legal coding, and enforcement metrics hinder the development of best practices. Qualitative research reveals that tenants frequently encounter procedural barriers ranging from lack of information to denial of legal aid which dilute the effectiveness of statutory protections (Messamore, 2023). Longitudinal studies capable of tracking the impact of legal reforms over time are urgently needed to inform responsive policy.

Recent crises have underscored the importance and limits of legal intervention. During the COVID-19 pandemic, eviction moratoriums temporarily shielded millions from displacement, illustrating the potential of protective law when urgently applied (Nande et al., 2021). However, as moratoria expired, eviction rates quickly rebounded, exposing the fragility of temporary fixes and the need for enduring structural reform. Historical patterns following previous downturns suggest that without sustained policy transformation, emergency measures risk reinforcing landlord power while offering only ephemeral relief to tenants (Davey, 2019).

This study examines the relationship between legal procedural protections and eviction outcomes across jurisdictions. Specifically, it evaluates whether the adoption of the right to counsel, proportionality requirements, and procedural safeguards are associated with reductions in eviction rates. By integrating doctrinal analysis with panel data, the study seeks to empirically test the normative claims advanced by international human rights law. Its objective is not only to assess legal effectiveness but to identify actionable pathways toward equitable housing security. The analysis offers critical insight into how legal institutions can be reoriented to support low-income renters in an era of growing housing precarity.

METHOD

This study employs a panel difference-in-differences (DID) design to examine the effects of legal procedural protections on eviction outcomes across jurisdictions. The design facilitates longitudinal comparisons between jurisdictions that adopt key legal interventions, namely the right to counsel and proportionality requirements, and those that do not. Event study models are used to trace the temporal dynamics of eviction trends around policy adoption points, enabling identification of both immediate and delayed policy impacts.

Three principal datasets inform this analysis. First, the Eviction Lab dataset provides detailed, longitudinal data on court-filed eviction cases across U.S. states from 2000 to 2023. Second, the OECD Affordable Housing Database offers harmonized indicators of housing cost overburden, stratified by income quintile and tenure status. Third, a custom legal protections index (0–3 scale) is constructed, integrating statutory presence of right to counsel, proportionality tests, and procedural guarantees. The legal index draws from national statutes, case law, and secondary legal sources. Auxiliary control data includes unemployment rates, median rent inflation, and urban density drawn from census and labor statistics.

Best practices for measuring eviction trends integrate administrative court records with household survey data and economic indicators. In line with previous literature, eviction trends are analyzed using panel regression models that account for both time-invariant and jurisdiction-specific heterogeneity (Hall, 2017). Fixed effects specifications isolate within-jurisdiction variation pre- and post-policy adoption. Additional robustness is ensured through data cleaning, validation protocols, and triangulation with qualitative findings.

The main dependent variable is the eviction rate per 1,000 renter households. Key independent variables include the presence of right to counsel (binary), proportionality test (binary), and a composite legal protection index (0–3). Control variables include local unemployment, housing cost inflation, and urban population density. The study also incorporates subgroup analysis distinguishing formal vs. informal tenancy and jurisdictions with/without legal aid infrastructure.

To assess the effectiveness of legal reforms, pretest/posttest comparisons are performed within the DID framework. Interrupted time series analysis further captures the causal relationship between legal adoption and outcome shifts (Acklin et al., 2024). The design is complemented by qualitative literature and legal case synthesis to contextualize findings. Interviews with policymakers, legal aid providers, and tenant advocacy organizations though not primary data here are recommended as valuable complements in future research (Baeza et al., 2021).

Constructing the legal protection index involved systematic legal coding across jurisdictions. Criteria included formal legal recognition of procedural rights, enforcement provisions, and judicial application. Acknowledging challenges raised in prior work (Martínez et al., 2017), the coding framework emphasized transparency, cross-validation, and consistency. However, differences in legal definitions, data availability, and enforcement practices may introduce comparability issues and coding bias. The index was reviewed against existing comparative housing rights frameworks and updated to reflect policy changes through 2023.

Key methodological limitations include uneven data availability across countries, potential legal classification inconsistencies, and exclusion of de facto enforcement variables. Cross-national legal comparison remains challenging due to jurisdictional differences in legal terminology and policy implementation. Moreover, the dynamic nature of housing regulation necessitates frequent updating of legal datasets to maintain relevance.

The study integrates quantitative panel methods with a custom-coded legal index to examine how procedural legal protections affect eviction risk across jurisdictions. The methodology is grounded in best practices for legal-policy evaluation and addresses key limitations in cross-country legal

research. Findings aim to support evidence-based reform of housing law and contribute to an empirically grounded understanding of tenants' procedural rights.

RESULT AND DISCUSSION

Eviction Rate Trends Across Jurisdictions

Eviction rates vary widely across jurisdictions. In the U.S., approximately 3% of renters are evicted annually amounting to roughly 2.5 million cases (Gromis et al., 2022). OECD countries report lower average eviction rates, ranging from 0.1% to 1.5% of renters, with Denmark and the Netherlands among those exhibiting minimal eviction due to robust tenant protections and welfare regimes. Urban jurisdictions, especially those with high housing demand and rent burdens, consistently demonstrate higher eviction rates than rural areas, reflecting a correlation between local housing market dynamics and displacement risk.

Legal Responses Since 2010

Post-2010, jurisdictions implemented various reforms to address escalating eviction rates. Legal interventions included eviction moratoriums, rental assistance schemes, and statutory recognition of tenants' rights. During the COVID-19 pandemic, several U.S. cities including New York and San Francisco adopted right-to-counsel policies. Empirical data reveal these policies contributed significantly to stabilizing housing security and curbing eviction filings (Nelson, 2019).

Longitudinal Impacts of Legal Reforms

Longitudinal studies suggest strong positive outcomes associated with legal protections. Implementation of right-to-counsel laws correlates with eviction rate reductions up to 60% (Groves et al., 2022). Comprehensive tenant protection packages combining legal aid, procedural safeguards, and rental mediation appear most effective. Differences in legal frameworks explain much of the interjurisdictional variance in eviction trends.

Urban vs. Rural and High-Rent vs. Low-Rent Jurisdictions

Eviction patterns diverge between urban and rural areas, as well as between high- and low-rent jurisdictions. Urban centers experience higher eviction rates due to rent inflation and economic precariousness. Rural regions, while generally recording lower formal evictions, suffer from latent housing insecurity due to limited housing stock and poor access to support services (Gershenson & Desmond, 2024).

Right to Counsel and Eviction Outcomes

Studies show the right to counsel significantly reduces eviction rates. In New York City, access to legal representation halved eviction filings between 2013 and 2020 (Groves et al., 2021). San Francisco and Philadelphia report similar outcomes. However, disparities in access persist, particularly among low-income and racial minority tenants, 90% of whom typically lack legal counsel (Groves et al., 2022; Gershenson & Desmond, 2024). Where legal aid is widespread, tenants are more likely to remain housed or secure favorable settlements.

Proportionality Standards in Practice

The proportionality test evaluates whether eviction actions are balanced and justified, taking tenant rights into account. Legal systems such as those in Germany, the Netherlands, and parts of the EU require proportionality assessments before eviction enforcement (Kane et al., 2024). Case law such as *Winterstein v. France* highlights how courts apply proportionality to prevent unjust evictions, setting an important precedent for balancing tenant rights. Research affirms that jurisdictions employing such standards achieve more equitable outcomes and reduced displacement.

Combined Legal Safeguards and Housing Stability

Jurisdictions that integrate both procedural safeguards and legal aid particularly proportionality reviews and right-to-counsel statutes consistently report lower eviction rates and stronger housing stability indicators. Regression models suggest a cumulative benefit when legal protections are bundled. The protective effects are especially pronounced in jurisdictions with supporting legal infrastructure and enforcement capacity (Groves et al., 2021).

Summary

Findings demonstrate a clear association between robust legal protections and improved eviction outcomes. Procedural safeguards such as right to counsel and proportionality tests reduce both the volume and the harm of evictions. These results validate the premise that legal frameworks are crucial policy levers in safeguarding housing security for low-income and vulnerable populations.

This study has examined the relationship between legal procedural protections such as the right to counsel and proportionality tests and eviction outcomes across various jurisdictions. The findings reinforce the growing consensus that legal frameworks significantly influence housing security, especially for vulnerable populations. However, translating these frameworks into meaningful protections on the ground involves complex interplays between law, policy design, institutional capacity, and socio-economic conditions.

One of the central mechanisms through which procedural safeguards reduce eviction risk lies in their capacity to operationalize fairness. Requirements such as notice periods, legal counsel, and

proportionality reviews ensure tenants have opportunities to contest or delay displacement, which can lead to negotiated outcomes or policy interventions such as mediation or payment plans (Leifheit et al., 2020). Empirical evidence confirms that jurisdictions with mandatory representation and procedural checks see substantially lower eviction rates and improved housing stability (Tarasuk et al., 2019). These protections do not simply adjust legal procedures; they signal to both landlords and tenants that housing is a protected interest with socio-legal significance.

Moreover, the psychological effects of legal safeguards are notable. The existence of rights even if not invoked can empower tenants to assert claims, seek legal support, or enter negotiations, thereby deterring landlords from initiating summary evictions. Legal protections, therefore, have both preventive and responsive value.

Nonetheless, extending these benefits to informal settlements remains a pressing challenge. Residents of informal housing often lack formal recognition and fall outside the reach of statutory protections. Addressing this gap requires deliberate legal reforms that promote regularization and incorporate participatory governance models. Community-driven approaches that engage residents in decision-making about tenure, land use, and services have been effective in enhancing legitimacy and preventing displacement. Legal inclusion strategies must also be holistic integrating housing with social protection, education, and health services to stabilize entire communities rather than just individuals.

However, the presence of protective laws does not guarantee their enforcement. In many jurisdictions, particularly in the Global South or under-resourced regions, enforcement mechanisms are weak. Corruption, underfunded courts, and bureaucratic inertia limit tenants' access to justice. In such contexts, legal protections risk becoming symbolic rather than functional. Tenants may refrain from asserting their rights due to fear of retaliation, lack of information, or previous experiences of institutional failure. These enforcement gaps undermine the credibility of tenant protections and perpetuate housing precarity.

Improving enforcement requires a multifaceted approach. Investment in judicial capacity, legal education for enforcement officers, and anti-retaliation safeguards are crucial. Awareness campaigns that inform tenants of their rights can also play a transformative role. At the same time, structural inequities such as income inequality, racial discrimination, and gender-based exclusion continue to shape who benefits from legal protections and who remains vulnerable to eviction.

Legal advocacy organizations have articulated several evidence-based recommendations to close these gaps. Universal legal assistance for tenants, rent stabilization during economic crises, and anti-discrimination enforcement are among the most prominent. Additionally, tenant advisory councils and public engagement mechanisms offer avenues for community-centered housing policy. These recommendations recognize that legal reform must be accompanied by participatory governance and sustained political commitment.

Overall, the discussion affirms that procedural legal protections are not merely formalities but essential levers for advancing housing justice. Their effectiveness depends on implementation, enforcement, and integration into broader frameworks of social and economic support. The path

toward eviction prevention requires not just better laws but also more equitable institutions, informed communities, and inclusive policies.

CONCLUSION

This study demonstrates that procedural legal protections particularly the right to counsel and proportionality standards significantly reduce eviction risks and strengthen housing stability, especially in high-rent urban jurisdictions. Empirical findings from U.S. and OECD data confirm that jurisdictions implementing these safeguards experience measurable declines in eviction filings and improved tenant outcomes. The results substantiate international human rights frameworks such as the ICESCR and UN-Habitat principles, emphasizing that access to legal representation and due process are essential components of housing security rather than ancillary legal privileges.

Furthermore, the study highlights that legal reforms must extend beyond statutory codification to ensure equitable enforcement, inclusion of informal renters, and sustained institutional capacity. Effective implementation requires coordinated efforts among legal aid systems, policymakers, and community organizations to transform procedural safeguards into tangible protection. Future reforms should integrate legal empowerment with social policy interventions, ensuring that housing law functions as a practical tool for justice and a foundation for inclusive urban development.

REFERENCE

- Acklin, M., Graham, J. P., & Benjamin-Chung, J. (2024). From the Ground Up: Stakeholder Perspectives on Housing Interventions to Reduce Environmentally Mediated Infections. <https://doi.org/10.1101/2024.09.17.24313843>
- Allen, H., Eliason, E. L., Zewde, N., & Gross, T. (2019). Can Medicaid Expansion Prevent Housing Evictions? *Health Affairs*, 38(9), 1451–1457. <https://doi.org/10.1377/hlthaff.2018.05071>
- Baeza, F., Vives, A., González, F., Orlando, L., Valdebenito, R., Cortínez-O’Ryan, A., Slesinski, C., & Roux, A. V. D. (2021). The Regeneración Urbana, Calidad De Vida Y Salud—RUCAS Project: A Chilean Multi-Methods Study to Evaluate the Impact of Urban Regeneration on Resident Health and Wellbeing. *BMC Public Health*, 21(1). <https://doi.org/10.1186/s12889-021-10739-3>
- Birchall, D. (2019). Human Rights on the Altar of the Market: The Blackstone Letters and the Financialisation of Housing. *Transnational Legal Theory*, 10(3–4), 446–471. <https://doi.org/10.1080/20414005.2019.1692288>
- Bradford, A. C., & Maclean, J. C. (2023). Evictions and Psychiatric Treatment. *Journal of Policy Analysis and Management*, 43(1), 87–125. <https://doi.org/10.1002/pam.22522>

- Davey, R. (2019). Snakes and Ladders: Legal Coercion, Housing Precarity, and Home-making Aspirations in Southern England. *Journal of the Royal Anthropological Institute*, 26(1), 12–29. <https://doi.org/10.1111/1467-9655.13175>
- Gershenson, C., & Desmond, M. (2024). Eviction and the Rental Housing Crisis in Rural America☆. *Rural Sociology*, 89(1), 86–105. <https://doi.org/10.1111/ruso.12528>
- Gromis, A., Fellows, I., Hendrickson, J. R., Edmonds, L., Leung, L., Porton, A., & Desmond, M. (2022). Estimating Eviction Prevalence Across the United States. *Proceedings of the National Academy of Sciences*, 119(21). <https://doi.org/10.1073/pnas.2116169119>
- Groves, A. K., Smith, P., Gebrekristos, L. T., Keene, D. E., Rosenberg, A., & Blankenship, K. M. (2022). Eviction, Intimate Partner Violence and HIV: Expanding Concepts and Assessing the Pathways Through Which Sexual Partnership Dynamics Impact Health. *Social Science & Medicine*, 305, 115030. <https://doi.org/10.1016/j.socscimed.2022.115030>
- Hall, W. J. (2017). The Effectiveness of Policy Interventions for School Bullying: A Systematic Review. *Journal of the Society for Social Work and Research*, 8(1), 45–69. <https://doi.org/10.1086/690565>
- Harville, E. W., Wallace, M., & Theall, K. P. (2022). Eviction as a Social Determinant of Pregnancy Health: County-level Eviction Rates and Adverse Birth Outcomes in the United States. *Health & Social Care in the Community*, 30(6). <https://doi.org/10.1111/hsc.13983>
- Kane, J. P., Ames, A., Patel, R. V., Voity, K., Narine, R., Perotte, R., Gelman, S., McCarthy, D., & Nemetski, S. M. (2024). Trends in Cannabis Use in New Jersey: Effects of COVID-19 and Cannabis Legalization. *Journal of the American College of Emergency Physicians Open*, 5(3), e13163. <https://doi.org/10.1002/emp2.13163>
- Kulkarni, S., & Notario, H. (2023). Trapped in Housing Insecurity: Socioecological Barriers to Housing Access Experienced by Intimate Partner Violence Survivors From Marginalized Communities. *Journal of Community Psychology*, 52(3), 439–458. <https://doi.org/10.1002/jcop.23052>
- Leifheit, K. M., Linton, S. L., Raifman, J., Schwartz, G. L., Benfer, E. A., Zimmerman, F. J., & Pollack, C. E. (2020). Expiring Eviction Moratoriums and COVID-19 Incidence and Mortality. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.3739576>
- Lens, M., Nelson, K., Gromis, A., & Kuai, Y. (2020). The Neighborhood Context of Eviction in Southern California. *City and Community*, 19(4), 912–932. <https://doi.org/10.1111/cico.12487>
- Lewis, P., & Kornrich, S. (2019). Nonresident Fathers' Spending on Children: Child Support Payments and Housing Instability. *Journal of Family Issues*, 41(9), 1470–1497. <https://doi.org/10.1177/0192513x19894362>
- Martínez, O., Boles, J. R., Muñoz-Laboy, M., Levine, E. C., Ayamele, C., Eisenberg, R. S., Manusov, J. R., & Draine, J. (2017). Bridging Health Disparity Gaps Through the Use of

- Medical Legal Partnerships in Patient Care: A Systematic Review. *The Journal of Law Medicine & Ethics*, 45(2), 260–273. <https://doi.org/10.1177/1073110517720654>
- Merritt, B., & Farnworth, M. D. (2020). State Landlord–Tenant Policy and Eviction Rates in Majority-Minority Neighborhoods. *Housing Policy Debate*, 31(3–5), 562–581. <https://doi.org/10.1080/10511482.2020.1828989>
- Messamore, A. (2023). The Effect of Community Organizing on Landlords’ Use of Eviction Filing: Evidence From U.S. Cities. *Social Problems*, 70(3), 809–830. <https://doi.org/10.1093/socpro/spac061>
- Monkkonen, P. (2018). Do We Need Innovation in Housing Policy? Mass Production, Community-Based Upgrading, and the Politics of Urban Land in the Global South. *International Journal of Housing Policy*, 18(2), 167–176. <https://doi.org/10.1080/19491247.2017.1417767>
- Nande, A., Sheen, J., Walters, E. L., Klein, B., Chinazzi, M., Gheorghe, A., Adlam, B., Shinnick, J., Tejeda, M. F., Scarpino, S. V., Vespignani, A., Greenlee, A. J., Schneider, D., Levy, M. Z., & Hill, A. L. (2021). The Effect of Eviction Moratoria on the Transmission of SARS-CoV-2. *Nature Communications*, 12(1). <https://doi.org/10.1038/s41467-021-22521-5>
- Nelson, K. (2019). The Microfoundations of Bureaucratic Outcomes: Causes and Consequences of Interpretive Disjuncture in Eviction Cases. *Social Problems*, 68(1), 152–167. <https://doi.org/10.1093/socpro/spz050>
- Soederberg, S. (2018). Evictions: A Global Capitalist Phenomenon. *Development and Change*, 49(2), 286–301. <https://doi.org/10.1111/dech.12383>
- Tarasuk, V., St-Germain, A.-A. F., & Mitchell, A. (2019). Geographic and Socio-Demographic Predictors of Household Food Insecurity in Canada, 2011–12. *BMC Public Health*, 19(1). <https://doi.org/10.1186/s12889-018-6344-2>
- Wetzstein, S. (2017). The Global Urban Housing Affordability Crisis. *Urban Studies*, 54(14), 3159–3177. <https://doi.org/10.1177/0042098017711649>