Labor Mobility and the Problems of Modern Policing

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LABOR MOBILITY AND THE PROBLEMS OF MODERN POLICING

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ABSTRACT

We document and discuss the implications of a striking feature of modern American policing: the stasis of police labor forces. Using an original employment dataset assembled through public records requests, we show that, after the first few years on a job, officers rarely change employers, and intermediate officer ranks are filled almost exclusively through promotion rather than lateral hiring. Policing is like a sports league, if you removed trades and free agency and left only the draft in place.

We identify both nonlegal and legal causes of this phenomenon—ranging from geographic monopolies to statutory and collectively bargained rules about pensions, rank, and seniority—and discuss its normative implications. On the one hand, job stability may encourage investment in training and expertise by agencies and officers alike; it may also attract some high-quality candidates, including candidates from underrepresented backgrounds, to the profession. On the other hand, low labor mobility can foster sclerosis in police departments, entrenching old ways of policing. Limited outside options may lead officers to stay in positions that suit them poorly, decreasing morale and productivity and potentially contributing to the scale of policing harms. In turn, the lack of labor mobility makes it all the more important to police officers to retain the jobs they have. This encourages them to insist on extensive labor protections and to enforce norms like the “blue wall of silence,” which exacerbate the problem of police misconduct. We suggest reforms designed to confer the advantages of labor mobility while ameliorating its costs.

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INTRODUCTION

Social unrest sparked by highly publicized incidents of police violence has intensified scholarly interest in the determinants of police behavior. Recent work examines the influence of statutory and contractual labor protections, training, diversity, liability insurance, selection into the profession, and more. In this paper, we document and discuss the implications of a feature of modern American policing that has largely escaped notice, but that we argue deserves a place in the same conversations: the stasis of police labor forces.

Police labor mobility (as opposed to its absence) has received some recent attention. The “wandering officer,” for example—fired from one department only to be scooped up by another—has been targeted by legislators in multiple states. The media have closely covered the threat of mass resignations in policing, though it is unclear how widespread these departures really are. In reality, however, these are

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12 See Weihua Li & Ilica Mahajan, Police Say Demoralized Officers Are Quitting in Droves. Labor Data Says No., THE MARSHALL PROJECT (Sept. 1, 2021, 6:00 AM),
the exceptions rather than the rule—the dominant story of police employment is one of continuity, not change.

We assemble an original dataset of police employment in the State of Illinois from public records requests. We analyze that data to understand the extent and nature of labor mobility among law enforcement officers. As we document, labor mobility in this context is quite low. By and large, officers remain in one job until retirement. In addition, the superior officer corps in any given department are drawn almost exclusively from police who have served their entire career in that department. The vast majority of detectives, sergeants, and lieutenants are promoted from within the existing ranks of a department, rather than hired from outside. Policing is like a sports league, if you removed trades and free agency and left only the draft in place.

The reasons, as we explain, are a combination of nonlegal and legal factors. Police departments hold natural geographic monopolies, which limit officers’ options for lateral movement. The job requires a great deal of knowledge specific to a particular department or jurisdiction, making any given officer more valuable to her current employer than to a potential future employer. And when officers do make lateral moves, they must typically sacrifice their rank, their seniority, and often even their pensions, pursuant to the terms of protectionist statutes and collective bargaining agreements. In elucidating these explanations, we draw upon an original analysis of online police job message boards, where we observe officers discussing the reasons they do or do not elect to change jobs.

The implications of low labor mobility are potentially significant. On the one hand, workforce stability can motivate both departments and officers to invest in training and expertise, particularly department-specific training. It has likely led to more professional police forces, composed of career civil servants rather than political cronies who are hired and fired with every change in administration, as in earlier eras. And it may attract some high-quality candidates, including candidates from underrepresented backgrounds, who value job stability over labor mobility.

On the other hand, low labor mobility leads to sclerosis in police departments, cutting them off from new blood and perspectives. This sclerosis may infect the careers of individual officers as well. Officers can stagnate in jobs for years after they have ceased to be effective, and it is extraordinarily difficult for them to move to other departments where their skills might be more valuable. This may sap their job performance and even breed misconduct, sometimes over a period of decades. In turn, the lack of outside options makes it all the more important for officers to hold onto the jobs they have. This encourages them to bargain and lobby for extensive workplace protections and to enforce norms such as the “blue wall of silence” that protect against workplace discipline or termination. Those protections exacerbate the problem of police misconduct. And local governments acquiesce because low officer mobility suppresses wages and minimizes turnover costs.

The paper proceeds in four parts. In Part I, using the original dataset we have assembled, we document and analyze the extent and nature of law enforcement labor mobility. We draw upon employment data for law enforcement officers from municipal and county agencies within the State of Illinois. Substantially similar results based on Florida data are included in an appendix. In Part II, we seek to explain this low labor mobility by identifying the labor frictions police officers face. We begin with

nonlegal sources of labor friction, namely those related to the nature and geography of police work. We then address legally created sources of friction, those found within relevant statutes and collective bargaining agreements. In Part III, we shift our focus from the descriptive to the normative. We analyze the benefits and costs of low police labor mobility. Unlike many studies of labor mobility, our focus is not on the benefits and costs to the firms and employees themselves (though these are not unimportant). Rather, we center our analysis on the benefits and costs to the communities being policed—the externalities, both positive and negative, generated by the stagnation of police labor. It is difficult to estimate the net effect with any certainty—a question future empirical researchers might explore—but the benefits and especially the costs are potentially significant and ought to be taken seriously. Finally, in Part IV, we suggest potential reforms that might increase officer mobility while ameliorating the costs of doing so.

I. The Extent and Nature of Police Labor Mobility

In this Part, we use data from Illinois to analyze the extent and nature of law enforcement labor mobility. We show, most importantly, that police officers change jobs infrequently. An officer, once hired to police in one jurisdiction, is unlikely to take a policing job elsewhere. This is true even in small, compact jurisdictions, such as the Chicago suburbs, where towns with populations in the tens of thousands abut one another with no obvious boundaries. Among other things, this means that senior, commanding officers typically have been promoted from within the force, rather than hired from outside. The result is that police departments are relatively insular, with the same officers serving together over many years.

We provide evidence on labor market mobility using administrative data from the Illinois Law Enforcement Training and Standards Board (ILETSB),13 First, we briefly describe the data. We then present our main empirical results on police officers’ professional trajectories within Illinois policing. To show that the patterns observed in Illinois are not unique, we provide in an appendix similar analyses, with similar results, using administrative data from Florida.

A. Data

Our primary data source comes from ILETSB, which is charged with developing and promoting training standards within law enforcement and corrections in Illinois.14 As part of these efforts, the agency collects and maintains training histories, employment histories, and departmental rosters for all Illinois law enforcement agencies.

We obtained these data in March of 2021. Our main sample consists of officers working full-time jobs in law enforcement—not including corrections, court security, or auxiliary work—that began in 2000 or later. To focus on the most common types of policing jobs, in constructing each officer’s employment history, we include only stints at municipal and county agencies; we exclude jobs at universities, park districts, and

14 We thank Keith Wallace, Information and Technology Support Specialist at ILETSB, for providing the data and sharing many institutional insights.
other specialized agencies. We also omit employment stints at agencies that disbanded at any time in 2000 or after.\footnote{This happens in 17 out of more than 1,500 agencies in Illinois.} For each officer, we have information on all qualifying employment stints and employment-related events (i.e., hiring, separation, status change), as well as sex, race, date of birth, and educational attainment.\footnote{Status changes include promotions, movement between part-time and full-time work, and changes in name or educational attainment.} These data allow us to trace 20 years of police officer career trajectories within Illinois. Specifically, we can observe the universe of both internal promotions and lateral transfers for Illinois officers starting in 2000. The Data Appendix contains further details on the construction of our main sample as well as summary statistics about the officers in that sample.

The data do have some limitations. The first is that, by construction, we can observe police officer career trajectories within Illinois, but we do not observe employment outside the state. That said, for reasons we explain in Part II, interstate transfers are likely rare, and almost certainly rarer than in-state moves. Second, the data are designed to capture flows rather than stocks of employees. That is, we have information on hires, status changes, and separations, but if none of these events happens, we do not observe an officer. We have 20 years of data, which reduces the likelihood of missing officers, but we may still be missing some. To provide a benchmark for our measurements, in Figure A1, we show the relationship between our imputed officer counts\footnote{In our data, we observe an officer’s start and end date, when these are reported. We calculate the number of “active” law enforcement officers in year X as the number of people whose start date is before year X and end date is after year X (or has not yet occurred).} and counts reported in the U.S. Census Bureau’s Annual Survey of Public Employment & Payroll (ASPEP).\footnote{\textsc{Ann. Surv. of Pub. Emp. \\& Payroll (ASPEP)}, \url{https://www.census.gov/programs-surveys/apes.html} (last visited Jan. 31, 2023). ASPEP collects data “on all civilian employees of all federal government agencies . . . all agencies of the 50 state governments, and more than 90,000 local governments.” \textsc{Duren Banks et al., U.S. Dept of Just., National Sources of Law Enforcement Employment Data 4 (2016)}, \url{https://bjs.ojp.gov/content/pub/pdf/nsleed.pdf}. The ASPEP response rate tends to be fairly high: in 2012, for example, “the federal government and all 50 states had ASPEP unit response rates of 100%, and the local government response rate was 81%.” \textit{Id.}} While overall, our estimates are highly correlated with ASPEP’s counts, we tend to undercount the number of officers relative to ASPEP, especially in earlier years. This likely reflects the fact that we do not observe officers who were hired before 2000 unless and until they experience an employment-related event.

B. Main Results

Our empirical analysis is designed to explore the frequency, distribution, timing, and nature of lateral movement by law enforcement officers in Illinois. We begin by examining how many jobs Illinois officers hold during the course of a career. For this analysis, we use only police officers whose first job in Illinois policing was in 2010 or earlier, so that we have at least 10 years to observe their movements in our data. Table 1 reports our findings.\footnote{Appendix Table A1 reports our corresponding findings for Florida.}
Table 1: Percentage of officers who worked in 1, 2, 3 or 4+ agencies, among officers whose first Illinois policing job was in 2010 or earlier

<table>
<thead>
<tr>
<th>Number of agencies</th>
<th>% of officers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>70.1</td>
</tr>
<tr>
<td>2</td>
<td>21.3</td>
</tr>
<tr>
<td>3</td>
<td>6.3</td>
</tr>
<tr>
<td>4+</td>
<td>2.3</td>
</tr>
<tr>
<td>Total</td>
<td>100.0</td>
</tr>
<tr>
<td>Observations</td>
<td>18332</td>
</tr>
</tbody>
</table>

Close to three-quarters of officers work in only one agency, while only nine percent work at three or more. Of course, this analysis does not capture all jobs police officers might have held; in particular, it does not include jobs outside policing or (as mentioned) policing jobs outside Illinois. But in combination with the other results we will present, this is the outline of a picture of limited labor mobility among law enforcement personnel.

Table 2 breaks out mobility patterns by sex, race, ethnicity, and education level. We find greater lateral mobility for men than women; for white than Black officers; and for Black officers than officers of Hispanic descent. Five years after starting a job, white male officers are relatively less likely than others to be working at the same place and more likely to be working at another agency in Illinois. The differences, moreover, seem principally attributable to voluntary rather than involuntary moves. Mobility is also greater for officers with lower educational attainment.

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20 Appendix Table A2 reports similar analyses for Florida.
21 This appears to be consistent with mobility patterns in other industries as well, though the reasons may differ from industry to industry. See generally, e.g., Henry S. Farber, The Analysis of Interfirm Worker Mobility, 12 J. LAB. ECON 554 (1994).
22 Unless specified otherwise, the differences we report are statistically significant at the 5% level.
Table 2: Sociodemographics and employment status, 5 years after start date at an agency

<table>
<thead>
<tr>
<th></th>
<th>All</th>
<th>Male</th>
<th>Female</th>
<th>White</th>
<th>Black</th>
<th>Hispanic</th>
<th>HS</th>
<th>College</th>
<th>Associate</th>
<th>BA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Still working</td>
<td>0.70</td>
<td>0.69</td>
<td>0.75</td>
<td>0.67</td>
<td>0.72</td>
<td>0.84</td>
<td>0.61</td>
<td>0.70</td>
<td>0.73</td>
<td>0.71</td>
</tr>
<tr>
<td>Left</td>
<td>0.25</td>
<td>0.26</td>
<td>0.19</td>
<td>0.28</td>
<td>0.21</td>
<td>0.13</td>
<td>0.33</td>
<td>0.24</td>
<td>0.22</td>
<td>0.26</td>
</tr>
<tr>
<td>Fired</td>
<td>0.03</td>
<td>0.03</td>
<td>0.05</td>
<td>0.03</td>
<td>0.07</td>
<td>0.03</td>
<td>0.05</td>
<td>0.04</td>
<td>0.03</td>
<td>0.03</td>
</tr>
<tr>
<td>Left IL</td>
<td>0.22</td>
<td>0.23</td>
<td>0.20</td>
<td>0.24</td>
<td>0.23</td>
<td>0.13</td>
<td>0.28</td>
<td>0.21</td>
<td>0.20</td>
<td>0.22</td>
</tr>
<tr>
<td>New job in IL</td>
<td>0.08</td>
<td>0.08</td>
<td>0.05</td>
<td>0.09</td>
<td>0.06</td>
<td>0.03</td>
<td>0.12</td>
<td>0.09</td>
<td>0.07</td>
<td>0.06</td>
</tr>
</tbody>
</table>

Observations: 2463 2113 3494 1884 2488 2837 398 5240 3819 944

Note that these analyses look different in Florida: as shown in Appendix Table A2, there we find smaller differences across sex, race, and ethnicity than we do in Illinois (though the differences are directionally similar). The demographic patterns we report in Table 2 should therefore be interpreted as suggestive only.

Figures 1 and 2 present the yearly probability of leaving a job, by time spent at an agency.23

![Figure 1](https://ssrn.com/abstract=4517525)

Figure 1: Fraction of officers leaving their agency each year, by number of years on the job

23 Appendix Figures A2 and A3 report similar results for Florida.
Figure 2 separates departing officers who transfer to another Illinois agency from those who do not, for the subset of officers who leave their jobs voluntarily. Cross-agency mobility is especially concentrated in the earliest years of a job; lateral transfers are rare beyond the first five years of an officer’s tenure.

Figure 2: Fraction of officers voluntarily leaving their agency each year, by number of years on the job

The overall shape of the job-separation trends, depicted in Figures 1 and 2, resembles that in other industries. Both quits (voluntary separations) and firings (involuntary separations) are most frequent early on. The trend for quits in policing, as elsewhere, may occur because shortly after joining an agency, employees gain information about the job and assess the quality of the match. The same is true for employers about employees, which helps explain the shape of the firing trend. In the policing context, the firing trend may also reflect the primacy of the probationary period during which officers may be terminated without cause, before civil service and collective bargaining protections attach.

That said, the quit rate in policing is lower than for other jobs in the United States in recent decades. For instance, one study of white-collar federal employees

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found that approximately one-third of new hires left within the first year, another 16.5% (of those who remained) left in the second year, and another 12.4% (of those who remained) left in the third year. These departure rates are significantly higher than the comparable rates for police officers we report in Figures 1 and 2.

Relatedly, the Bureau of Labor Statistics conducts a series of longitudinal studies using a nationally representative sample of adults known as the National Longitudinal Surveys (NLS). On average, NLS survey respondents held 12.4 jobs between ages 18 and 54. While half of these were between ages 18 and 24, half were later on—suggesting relatively high turnover even later in a typical career. A 2019 study of millennials (people born between 1981 and 1996) found that 64% changed jobs at least once during a five-year sample period, with an average job tenure of approximately 3.4 years (and only 2.6 years for government workers). Another, older paper found that a typical young male worker will have seven different employers in his first ten years in the workforce and upwards of ten employers overall. These figures are again much higher than the comparable statistics for police officers we report in Table 1, which show that only 2.3% of officers have worked in as many as four agencies.

The most direct comparison to police officers is, in some respects, public school teachers, many of whom are governed by similar rules regarding tenure, retirement plans, and so forth. Yet the rate of job-switching among teachers is much higher than it is for police. One study found that, during a single year, 13% of all teachers left teaching or switched schools. Using different data, the National Center for Education Statistics calculated that approximately 8% of teachers nationwide make a lateral move to a different teaching job each year. By either measure, this is much higher attrition than we find for police officers: as Figure 1 indicates, by Year 3, the rate of departures among police is below 5%. In Illinois, specifically, another study found that 14% of teachers had left the Illinois public schools after one year, and a total of 37% had departed after five years. An additional 16% of teachers had moved schools within the Illinois system after one year, and 27% percent after five years. This equates to roughly 7% of teachers leaving the Illinois system per year and

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26 Cho & Lewis, supra note 24, at 12.
28 Id.
29 Id.
30 Khaldoun AbouAssi et al., Job Mobility Among Millennials: Do They Stay or Do They Go?, 41 REV. PUB. PERS. ADMIN. 219, 228–30 (2021).
35 Id.
another 5% of teachers moving schools within that system each year. As Figure 2 indicates, the comparable departure numbers for police officers are much lower.

In order to better understand the general phenomenon, we next examine the characteristics of the agencies the relatively few laterally mobile officers leave and join. First, we compare median salaries in officers’ “old” and “new” agencies. We use agency-level salary data from ASPEP, collected by the Census in 2017. Figure 3 plots the distribution of changes in median salary—the difference in median salary between officers' old and new agencies. As expected, officers are more likely to leave agencies with relatively lower salaries; the average bump in median salary is approximately $4,500. Interestingly, however, 42% of officers move to an agency with a lower median salary. Note that we do not have data on individual officers' salaries, but rather on the median salaries within agencies. It is possible that officers who move to an agency with a lower median salary nonetheless receive pay raises by being hired at higher pay grades. Perhaps a more likely explanation is that there are compensating differentials; that is, the lower-paying jobs have desirable features such as less stressful working conditions.

![Figure 3: Distribution of changes in salary for officers who voluntarily change agencies](image)

Second, we look at mobility by agency size. Using 2018 as an illustration, Figure 4 plots agency-level voluntary separation rates—that is, the number of separations at an agency in 2018 divided by the number of officers working at that agency in 2017—against deciles of agency size, using our ILETSB officer counts. The separation rate declines sharply with agency size. This is consistent with an existing labor market literature finding that larger firms are better at retaining workers, plausibly because they offer superior benefits and growth opportunities.37

36 Appendix Figure A4 reports corresponding results for Florida.
37 See John M. Barron et al., Employer Size: The Implications for Search, Training, Capital Investment, Starting Wages, and Wage Growth, 5 J. LAB. ECON. 76 (1987); Walter Y. Oi,
Figure 4: Fraction of officers (log) who voluntarily separated in 2018, by agency size

Figure 5 plots the distribution of changes in agency size for police officers who voluntarily switch employers. Most of these officers (62%) move to a larger agency—larger by eight officers, on average.

Figure 5: Distribution of changes in agency size for officers who change agencies

Note: This figure plots the difference in size between officers’ old and new agencies. We top-code and bottom-code changes in agency size at 400.

Lastly, we examine lateral transfer opportunities across the range of officer rank. Table 3 describes how positions at each rank are filled—by internal promotion or lateral transfer.\textsuperscript{38} Specifically, we calculate the proportion of officers who reached each rank by promotion—which appears as a “status change” on an officer’s personnel record—and by fresh appointment to the agency.\textsuperscript{39}

The results here are striking: At intermediate ranks—detective, sergeant, lieutenant—more than 90% of positions are secured through promotion. Concomitantly, lateral moves at intermediate levels are rare. For upper leadership—i.e., police chiefs and their deputies—external hiring is more common. These positions are far scarcer than sergeant or lieutenant jobs, however, and do not make up a significant share of labor market opportunities. Nationally, an estimated 14% of all state and local law enforcement hires are lateral hires, according to a government report analyzing data from 2008.\textsuperscript{40}

Table 3: Fraction of officers promoted or appointed, by rank.

<table>
<thead>
<tr>
<th>rank</th>
<th>Promotion</th>
<th>Appointment</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>police officer</td>
<td>0.62</td>
<td>99.38</td>
<td>19,672</td>
</tr>
<tr>
<td>detective</td>
<td>89.95</td>
<td>10.05</td>
<td>657</td>
</tr>
<tr>
<td>sergeant</td>
<td>97.65</td>
<td>2.35</td>
<td>2,003</td>
</tr>
<tr>
<td>lieutenant</td>
<td>89.10</td>
<td>10.90</td>
<td>523</td>
</tr>
<tr>
<td>deputy chief</td>
<td>70.13</td>
<td>29.87</td>
<td>308</td>
</tr>
<tr>
<td>chief</td>
<td>44.48</td>
<td>55.52</td>
<td>697</td>
</tr>
</tbody>
</table>

*     *     *

Altogether, these data and analyses paint a picture of a largely stagnant police labor force. There is relatively little overall labor mobility among police, particularly when compared with other types of workers. The officers who do move do not do so following intuitive patterns—officers with less education are more likely to move than officers with more, and officers who move often do not appear to obtain higher wages. Finally, and crucially, the vast majority of higher-ranked officers are promoted from within the existing ranks rather than recruited laterally. Altogether, this means that police—both the rank and file and the officer corps—are likely to be lifers (or close to it) who have spent their entire careers at one agency.

\textsuperscript{38} The “rank” field in ILETSB’s data is blank until 2008. Accordingly, this analysis is limited to hires and promotions that occurred in 2008 or later. Because our Florida data do not contain information on officer rank, we are unable to replicate this table for Florida officers.

\textsuperscript{39} The number and names of officer ranks are not prescribed by law and vary substantially across Illinois agencies. To simplify presentation of the results, we have collapsed less common ranks into the most similar, more common ranks. For example, what we refer to as “lieutenant” includes other intermediate ranks such captain, major, and corporal.

\textsuperscript{40} REAVES, supra note 25, at 16.
II. THE CAUSES OF POLICE LABOR FRICTIONS

In this Part, we turn to explanations for low police labor mobility. Section A discusses nonlegal causes—that is, those that are primarily generated by the structure of the labor market—that are inherent to many occupations but especially pronounced for the police. Section B details legally generated employment frictions that derive from the ways in which law and contract construct terms of employment such as pensions and seniority systems. This dichotomy is necessarily imperfect, in the sense that all labor markets are legally constructed. But we believe it roughly captures the ways in which police officers are subject to labor frictions that affect other workers as well as frictions generated by laws specifically affecting law enforcement. In the aggregate, our goal is to offer a comprehensive picture of both the extent to which the modern police officer remains in her job over extended periods of time and why this is so.

A. Nonlegal Frictions

A voluminous literature in labor economics describes how changing jobs entails substantial frictions (and thus high switching costs) for workers.\(^{41}\) The result is that, across the entire labor force, employment relationships in the United States are relatively stable, and many employees change jobs rarely.\(^{42}\) Yet even against that backdrop, law enforcement jobs are characterized by comparatively high switching costs and limited mobility.\(^{43}\) In this section, we canvas the predominant sources of labor frictions common to all workers, explaining why each one produces especially significant friction in the law enforcement context.

1. Job Differentiation and Commuting

While it may seem from the outside that many types of jobs are fungible, in reality jobs can differ along a wide variety of dimensions important to workers.\(^{44}\) For instance, even an apparently equivalent job could be located farther from the worker's

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\(^{43}\) As a general matter, workers who wish to take new jobs face high search costs, even in the Internet era. And because accepting a job can entail a serious commitment, choosing an opportunity typically involves significant inquiry into work conditions. All of this must be undertaken while workers are busy at their current jobs. This factor is largely consistent across law enforcement and non-law enforcement careers, however. That is, we do not have reason to believe it is any more difficult to search for law enforcement jobs than it is to search for non-law enforcement jobs. Accordingly, we do not dwell on this point further.

\(^{44}\) Nina Roussille & Benjamin Scuderi, Bidding for Talent: Equilibrium Wage Dispersion on a High-Wage Online Job Board (January 2022) (working paper) (on file with authors), (finding that employees are willing to accept substantially discounted wages in exchange for firm-provided amenities, and that this willingness leads to imperfectly competitive labor markets).
home, necessitating a longer commute and making the job far less attractive to the worker.45

This problem is exacerbated in the law enforcement context by the fact that police departments are natural monopsonies (or at least oligopsonies).46 Nearly any given jurisdiction hosts at most a handful of police agencies. And in many cases, there may be only one police force with an active presence. Consider, for instance, the city of Elgin, Illinois, a municipality home to approximately 115,000 people located in Kane County, roughly thirty-five miles northwest of the city of Chicago.47 Elgin has its own police force, the Elgin Police Department.48 It is also within the jurisdiction of the Kane County Sheriff’s Department, as well as the Illinois State Police. The Kane County Sheriff’s Department has its headquarters in St. Charles, IL, however, roughly twenty-five minutes away by car. The nearest headquarters for the Illinois State Police is even farther. There are of course other towns in suburban Illinois with police departments, but those are equally far away. A restless member of the Elgin Police Department seeking another job—again, in a city of 115,000 people—thus has only two options: commute a significant distance or move.

This contrasts with many other occupations, where a larger number of employers may lie within a relatively small commuting distance. Elgin contains multiple law offices, multiple plumbers, multiple automobile repair shops, and multiple doctors’ offices and hospitals—but only one police force. To be sure, an Elgin police officer could leave the public sector and join a private security firm. But those jobs are typically considered inferior to public policing jobs49 and generally pay lower wages.50 Relatively few police officers leave their jobs to work in private security.51 The consequence is that, compared to other workers, police officers have fewer—sometimes far fewer—employment options within their commuting zones.

45 See Sydnee Caldwell & Oren Danieli, Outside Options in the Labor Market (July 2022) (working paper) (on file with authors), https://sydneec.github.io/Website/Caldwell_Danieli.pdf (finding that the implicit costs of commuting and moving are the primary determinant of an individual’s outside job options).
On top of all this, many cities have local ordinances requiring employees to live within city limits. (The City of Chicago is one such municipality.) These rules often exist for good reasons; our goal here is not to critique them. Rather, the point is that switching jobs will often mean moving homes, which greatly increases frictions in the law enforcement labor market.

2. The Relational Nature of Work

Many jobs are also relational, in the sense that one’s co-workers are as important as (or more important than) the precise duties of the job. When an employee comes to know (or even like) her co-workers, this increases the subjective value of her current job. It may be challenging for the employee to determine whether she can work as effectively with co-workers at a different firm, particularly when she is searching for a job. If nothing else, she faces greater uncertainty in moving to another job where she may not know her co-workers (and may turn out to like them less).

Policing is a quintessentially relational job. Few police officers patrol or investigate crimes alone. For police officers, the relationship with one’s partner is an essential one. Police depend upon their partners—and in particular, their partners’ judgment and discretion—to keep them physically safe, to help them control potentially dangerous situations, and even to assist them in covering up their own misconduct. Even beyond the partner, relationships within a police department are critical to the quality and functioning of any given officer’s job. Officers frequently work in larger groups or specialized units, particularly when patrolling high-crime areas.

Police departments are also hierarchical, like military organizations, with each officer reporting to a superior officer, all the way up to the department head. An officer’s superior has, among other things, substantial control over her work assignments. While the precise rules vary, in general a supervising officer (such as a sergeant) can decide whether an officer will have a desirable or undesirable patrol beat, such as in a safe area or a dangerous one. Superior officers also typically hold the authority to shift officers between duties, turning a beat cop into a desk jockey or vice versa. As the reader can no doubt imagine, these types of workplace decisions can profoundly affect the quality of an officer’s job. Accordingly, maintaining good

53 See Robert M. Fogelson, Big-City Police 249–50 (1977) (describing conflicts over residency requirements in the context of white flight and changing urban demographics).
55 See Boyan Jovanovic, Job Matching and the Theory of Turnover, 87 J. POL. ECON. 972, 973 (1979) (describing employment as an “experience good” that must be experienced to be understood).
57 Id. at 40–44.
59 See Walker & Katz, supra note 25, at 103–09.
60 Id. at 105-09.
relationships with one’s superiors and fellow officers is essential to the job of law enforcement. The incentives to develop goodwill are therefore strong, and once an officer has accrued significant goodwill, the cost of switching to another law enforcement agency—where the officer likely has no relational ties—is substantial.\textsuperscript{61}

3. \textit{Firm-Specific Knowledge.}

Employers often have idiosyncratic office-specific or firm-specific preferences and ways of doing business.\textsuperscript{62} Supervisors might prefer work to be done in particular ways, or there might be tacit knowledge that is important to the job but can be learned only through experience. An employee who possesses the relevant know-how is more valuable to the firm than a new hire who does not.\textsuperscript{63} Switching jobs means accumulating this knowledge all over again for the new firm, which can be costly to the employee. The potential employee also may not be able to determine ahead of time what or how much knowledge she will have to acquire in her new job. And because firm-specific knowledge makes employees more valuable to their current employer than to an alternative employer, it can be difficult for workers to find higher-paying jobs.\textsuperscript{64}

In some respects, law enforcement involves consistent skills that translate across departments. Police officers learn the rules of criminal procedure, how to effectuate arrests and question suspects, how to make traffic stops safely and effectively, how to defuse and de-escalate hostile situations and build trust with civilians they police (one hopes), how to fire their weapons and use other police equipment, and so forth.\textsuperscript{65} These are all relevant skills no matter where the officer works.

Yet policing also involves a significant amount of firm-specific knowledge. Police department policy manuals are notoriously prolix. The New York Police Department’s patrol manual, for example, is well over 1,000 pages, chock-full of minutiae about protocols and paperwork. Among many other things, police departments vary widely regarding the data they require officers to capture on the job and the technology they use to capture it. There is surprisingly little standardization on these points.

Wholly apart from policies and paperwork, to be effective, a police officer must know the area she patrols—the streets, the citizenry, and the nature of local problems

\textsuperscript{61} Cf. Jack Hirshleifer, \textit{Where Are We in the Theory of Information?}, 63 AM. ECON. REV. 31 (1973) (describing employment as a “search good,” in which an employee knows more about the job she has than any prospective future job, raising concerns that if she transitions to an uncertain environment, she may enjoy it much less).


\textsuperscript{65} HARMON, supra note 56, at 21–27.
and issues.\textsuperscript{66} In part, this means she must be able to navigate her physical environment fluidly to get around during emergencies. That requires knowledge of the streets and layout of the jurisdiction. As one officer put it on a police message board, referring to a lateral recruit: “The new officer has to learn a lot of things which are specific to the new department—geography being the biggest issue right off the bat.”\textsuperscript{67} The kinds of situations officers are asked to handle and the norms and needs of the local community are also likely to vary across jurisdictions.

Because policing jurisdictions generally do not overlap, an officer’s familiarity with a given geographic area or community is firm-specific, non-transferrable knowledge that will not significantly aid the officer if she transfers to a different job.\textsuperscript{68} If an Elgin police officer takes a job in St. Charles or Chicago, her knowledge of the streets and people of Elgin is largely worthless. Even if she were to take a job with the Kane County Sheriff, whose jurisdiction overlaps with that of the Elgin Police Department, she would most likely end up patrolling a different geographic area and focusing on different types of activity.\textsuperscript{69} Her firm-specific knowledge would be substantially less valuable.

In addition, effective policing requires nurturing relationships with the local population.\textsuperscript{70} No police force is omnipresent; tips from residents are mission-critical. But residents may be willing to share useful intelligence only if they trust the police and believe the police have their best interests at heart.\textsuperscript{71} Accordingly, establishing these types of relationships—which are often frayed by police misconduct, racism, and other social factors—is a priority of modern police forces, as exemplified through the focus on “community policing,” in which police officers (at least ostensibly) attempt to integrate themselves into the communities they serve and develop relationships with community members.\textsuperscript{72} An officer who moves to a non-overlapping jurisdiction immediately loses the benefit of her firm-specific relationship knowledge.\textsuperscript{73} Even an officer who moves to an overlapping jurisdiction may lose the benefit of her firm-specific knowledge because of changes in the job being performed. The Kane County Sheriff’s Office and the Elgin Police Department pursue different


\textsuperscript{67} Christopher Hawk, Comment to Can you keep your rank if you are a police detective and moving to another state to work there for the police?, QUORA (June 30, 2019, 3:09 PM), https://www.quora.com/Can-you-keep-your-rank-if-you-are-a-police-detective-and-moving-to-another-state-to-work-there-for-the-police.


\textsuperscript{69} See Kane County Maps, Cnty. of Kane, https://www.countyofkane.org/Pages/Maps.aspx (last visited Feb. 5, 2023) (describing the jurisdictional boundaries of Kane County).

\textsuperscript{70} See Giwa et al., supra note 66, at 220–25 (describing the importance of relationships to policing).

\textsuperscript{71} See generally Kyle Peyton et al., A Field Experiment on Community Policing and Police Legitimacy, 116 PROC. NAT’L ACAD. SCI. 19894 (2019).

\textsuperscript{72} See Wesley G. Skogan, Advocate: Community Policing, in POLICE INNOVATION: CONTRASTING PERSPECTIVES 27 (2d ed. 2019) (analyzing the operation and value of community policing); MIKE BROGDEN & PREETI NJIHAR, COMMUNITY POLICING (2005) (same).

\textsuperscript{73} See Lazear, supra note 68, at 917 (explaining the costs to workers from losing firm-specific capital).
policing objectives and interact with different populations in Kane County. County sheriffs typically focus on unincorporated areas of the county, as well as roads that connect incorporated cities. Rarely are they involved in the workaday patrol of city neighborhoods, the bread and butter of city agencies. An officer who moves from the Kane County Sheriff’s Office to the Elgin Police Department (or the reverse) is extremely unlikely to wind up policing her old beat. In all likelihood, she will interact with different communities on different terms. The fact that an officer who makes a lateral move cannot step into her new job with the same level of expertise she had in her prior position will make her less valuable to a putative lateral employer and thus less likely to find a higher-paying job.

4. Adverse Selection

Finally, employers are more likely to fire poorly performing employees than high-performing ones (or urge them to seek outside employment as an alternative to being fired). This creates an adverse selection problem: if employers cannot easily ascertain the quality of lateral job candidates, they may suspect that any worker who is actively looking for work is of low quality and is on the verge of being fired, especially in industries where changing jobs is rare. The rational (and typical) response to this type of adverse selection problem is simply to avoid hiring candidates who are looking to leave their existing jobs, at least when it is not possible to verify the quality of their prior work. This creates substantial labor frictions for employees seeking to make lateral moves.

In some respects, law enforcement might seem less subject to adverse selection problems than are other types of employment. As we have noted, most police officers enjoy substantial job protections that make them difficult to fire. This means, first of all, that not many officers should be on the chopping block and looking for new gigs. As a result, one could imagine that, in equilibrium, law enforcement agencies will be disinclined to assume that lateral candidates are seeking work because they are on the verge of being fired, thereby mitigating the adverse selection problem.

Yet there are reasons to believe this more encouraging story will not come to pass. To begin with, although police officers are hard to fire, they can be “quiet fired”—their working conditions can be substantially worsened, as the prior sections detailed. If they are thought to be performing poorly, they can be sent on dangerous or difficult assignments or simply given rote and undesirable desk jobs. A potential new employer might rationally believe that a lateral candidate has been deemed subpar and sanctioned in one of these ways.

74 KANE CNTY. SHERIFF’S OFF., ANNUAL REPORT 2021 (2021), https://www.kanesheriff.com/Documents/Annual%20Report/2021_KCSO_Annual_%20Report.pdf (“In addition to providing direct law enforcement and public safety service to all citizens in unincorporated Kane County, the Sheriff’s Office also supplements and assists other law enforcement agencies in the County as needed.”).
76 See BRUCE N. GREENWALD, ADVERSE SELECTION IN THE LABOR MARKET (2020).
77 See supra notes 1–3 and accompanying text.
78 See supra Part II.A.2 (describing the hierarchical nature of policing and the manner in which superior officers can affect the working conditions of line officers).
In addition, precisely because it is so difficult to fire a police officer, the fact that an officer is looking for work raises alarm that she has engaged in very significant misconduct such that her job is now imperiled. The prospective employer might therefore be even more reluctant to take a chance on hiring her away from another agency. And while the prospective employer can, of course, conduct a background check and contact the current employer for a reference, “[a]necdotal evidence suggests that officers who commit misconduct are often allowed to resign, with a guaranteed positive work reference, in exchange for forgoing legal action.”

The cumulative effect of these forces is ambiguous: it is hard to say with certainty, as a theoretical matter, whether law enforcement officers seeking to change jobs will face greater or lesser adverse selection problems than do other types of workers. Our point here is that the adverse selection process is still likely to operate to their detriment, at least to some degree, thus further limiting their labor mobility.

B. Legal Frictions

An intricate set of police-specific laws and contractual agreements compounds the economic labor frictions just described. As one career website advises:

Police recruiters are often asked about the possibility of lateral transfers from one agency to another. Recruits want to know if police officers ... can easily move jobs between departments, jurisdictions, or even from one state to another. The idea seems simple enough. Plenty of people can find another position in their chosen field in the private sector with relative ease. Workers can easily get hired in new cities, counties, states, or sometimes even countries for most government jobs as well, simply by establishing that they're the best candidate for the job. It's not quite that simple with law enforcement, however.

In this section, we identify some of the legal sources of friction that make it “not quite that simple” for law enforcement officers to change jobs. We draw upon websites, reports, and periodicals written by and for the police as well as message boards in which prospective, current, and former officers discuss career-related questions. The information that circulates in these police-oriented media may not be entirely accurate, but it reflects police perception of the constraints on lateral mobility, which are likely as important as the actual law—if not more so—in influencing officer decisions. We couple these secondary sources with an examination of Illinois law to ground the legal discussion and lay a foundation for analysis of potential legal reforms in Part IV.

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80 Grunwald & Rappaport, supra note 1, at 1695.
1. Pensions

In twenty-first-century America, most private-sector employers that provide retirement plans offer what are known as “defined contribution” plans. In defined contribution plans, the employee (and sometimes the employer) contributes funds to the employee’s retirement account each pay period. If or when the employee ceases working for that employer, the money in her retirement account belongs to her and she can effectively “take it with her.”\textsuperscript{82}

Many public sector workers, in contrast—including essentially all police officers—receive what are called “defined benefit” retirement plans, also known as pensions. Both employers and employees make contributions to these plans, but unlike defined contribution plans, defined benefit plans pay retired workers a percentage of their former salary upon retirement.\textsuperscript{83} However, defined benefit plans typically “vest”—that is, the worker becomes entitled to future payouts—only after many years of employment. For instance, an officer who retires from the Chicago Police Department receives a pension worth 2.5% of her salary for each year she has worked, up to a maximum of 75% of her salary (after 30 years of service). But the pension vests only after the officer has worked for the Department for 10 years. If she leaves the department after nine years to take another job, she can take with her whatever contributions she has made toward her now-defunct pension, but her employer’s contributions simply vanish into thin air.

Police pensions are an important part of overall employee compensation, particularly as a police career can be shorter than others given the demands of the job (not to mention mandatory retirement laws). Public-sector defined benefit plans also tend to be quite generous, more generous than typical private-sector defined contribution plans, which accentuates their importance.\textsuperscript{84} But critically, many pensions aren’t portable—or face portability restrictions—when an officer changes agencies. That is, a police officer who leaves one agency and joins another receives no (or limited) credit from her new department for the years she worked in her old one. Indeed, two major policing textbooks describe potential pension loss as possibly the greatest barrier to lateral mobility. “The major problem with lateral transfers,” one book explains, “is that many police pension systems are tied into the local government, and money put into those funds cannot be transferred. Thus, lateral transfers in such departments can cause officers to lose some or all of their investments.”\textsuperscript{85} In fact, even

\begin{itemize}
\item Employer contributions to defined contribution plans are sometimes subject to vesting requirements, such that they belong to the employee only after she has worked a term of years for the employer. But this term is typically quite short, such as a year or two.
\item In most cases the pension is based on the highest salary the employee ever earned, or the average of the few highest years of salary.
\item \textbf{John S. Dempsey et al., An Introduction to Policing} 83 (9th ed. 2019); see also Geoffrey P. Alpert et al., \textit{Policing: Continuity and Change} 63 (2d ed. 2014) (“Most agencies that prohibited lateral movement cited problems involved in the transfer of pensions and other personnel benefits or blamed civil service regulations or state laws.”). Pension laws can also combine with age restrictions to effectively limit officers to a single agency—by the time they’ve worked enough years at one agency to vest in their pension, they’re too old to get
\end{itemize}

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officers who transfer after vesting, and vest again at their new agencies, will receive lower total pension payouts than similar officers who never move. This is because their first pension will be based on their mid-career salary and their second pension, while pegged to their final salary, will be based on fewer years of service. There is, in short, a pension penalty for most lateral transfers, the magnitude of which varies with circumstance.

By way of example, consider the State of Illinois pension system. The Illinois Pension Code divides the state’s agencies into a dozen or so different pension programs: one for the Chicago Police Department, one for agencies in midsized cities, one for agencies in small cities, and others for county, state, and public university agencies. As is true more generally, service credit toward pensions in Illinois is generally portable between agencies in the same pension program—meaning officers receive full credit for years of service at their prior agency—while cross-program portability follows a labyrinthine set of rules and exceptions. To give just a taste, Chicago officers can’t port their service credit anywhere, while officers from midsized cities can port to another midsized city, to a state agency, or to Chicago, but not to a small city or a county agency. On top of this, officers who began their service before 2011 have “Tier 1” pensions with better terms than the “Tier 2” pensions for officers who started later. Pension portability rules affect not only the transfer of existing pension entitlements but also the accumulation of future benefits—certain lateral moves can bump a Tier 1 officer down to Tier 2 at her new job.

But even this limited in-state portability is generous to employees compared with the state’s non-existent out-of-state portability. If an Illinois agency hires an officer from out of state, it does not give that officer any service credit for years worked at the out-of-state agency. That approach is widely reciprocated: we are not aware of any state that affords a newly hired police officer credit toward her pension based upon years worked at an out-of-state agency. When it comes to out-of-state lateral moves, then, pensions are very much like rank and seniority: if a police officer leaves one agency and joins another, she starts over.

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a new job elsewhere. Mike Endres, Why Pensions are Bad for Cops (And What to Replace Them With), LAW ENFORCEMENT TODAY (Feb. 22, 2019), https://www.lawenforcementtoday.com/pensions-bad-cops/ (“Because the age cutoff age for new applicants at many law enforcement agencies is in the mid 40’s (the FBI age limit is only 37), and pensions require two to three decades of time at that same employer, cops essentially have one shot at picking a department to stick with in order to receive a pension.”).

87 40 ILL. COMP. STAT. 5/5-101 to 5/5-238.
88 40 ILL. COMP. STAT. 5/3-101 to 5/3-152.
89 40 ILL. COMP. STAT. 5/7-101 to 5/7-225.
91 See RYAN, supra note 90, passim.
92 See, e.g., id. at 2–8 (discussing two-tier system in the case of Chicago police officers).
93 gogokart98, Comment to Pension Transfer, OFFICER.COM (Aug. 21, 2012, 11:37 AM), https://forum.officer.com/forum/local-discussion-groups/u-s-states/illinois/185156-pension-transfer (“If you are transferring to a different pension system, I am pretty sure you will be treated as a new hire and fall under the new system.”).
The threat of losing one’s pension seems to loom large in the minds of police officers considering lateral moves. On message boards, officers consistently warn about the risk of pension forfeiture. As one officer advised another, “Once you leave the Republic of NJ, your pension time is worth nothing.”

Many states operate similarly to Illinois, such that an officer’s ability to port her pension when transferring from one agency to another within the state depends on the agencies involved and the program structures created by state law. In some states, the pension system is heavily centralized, facilitating inter-agency portability; in others, like Illinois, it’s fractured, with freer portability within than across different pension programs. Officer discussions bear out the claim that pension-related incentives influence choices about where to work. “I’m thinking about leaving my current department,” wrote one officer, “but I’m waiting until I can be able to vest.” “My wife mentioned the possibility of moving to Georgia,” wrote another, but “I don’t like the idea of working somewhere where the retirement is for that place only [i.e., that agency only].... So, unless things change in Georgia, I think I am going to veto that idea.”

Officers in Illinois, like officers elsewhere, consider pension portability when contemplating lateral moves. One message-board commenter advised a prospective recruit in Chicago:

[N]ow is the time to start testing for the places you want to be at. The older you get, the worse it becomes it terms of pension .... Basically, by the time you hit 35 [years of age] on whatever dept. you are on, you basically stick it out cause it would suck to start all over. My advice to

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95 drunkhunter, Comment to GA LEOs, what is your retirement system like, OFFICER.COM (June 2, 2003, 11:46 AM), https://forum.officer.com/forum/public-forums/ask-a-cop/16086-ga-leos-what-is-your-retirement-system-like (“There is no standard system unless you work for a state agency. Each department does its own thing. The county where I live has no retirement system at all for its deputies. That is the reason I have stayed where I’m at now. Their is a POAB, but it is all voluntary by the officers.”).
96 Likewise, in a 1971 survey of 132 officers, 48% of respondents said “Loss of pension benefits already accrued” would lead them to decline a job offer of “increased responsibility or potential in the law enforcement field” and 81% said “loss of accrued pensions” would “be an influence in accepting or rejecting a job offer.” GEOFFREY N. CALVERT, PORTABLE POLICE PENSIONS—IMPROVING INTER-AGENCY TRANSFERS 66–67 (1971), https://www.ojp.gov/pdffiles1/Digitization/2058NCJRS.pdf.
anyone that is looking to do something different or change depts. is that they should have started YESTERDAY.\textsuperscript{99}

Another officer asked whether a transfer would drop him from Tier 1 to Tier 2, adding that, if it would, “then I would not transfer.”\textsuperscript{100} And in a recent lateral recruitment post, the Arlington Heights Police Department noted that “[t]he most frequently asked question is pension portability,” adding that “[p]ension portability is ONLY available within Article 3 Pension Funds,” i.e., if moving to Arlington Heights from another midsized city.\textsuperscript{101}

2. \textit{Loss of Rank}

The rules governing police officer rank are generally set by state law and sometimes by municipal ordinance. Specifically, nearly every U.S. agency is governed by a civil service system that regulates personnel decisions, including rank.\textsuperscript{102} The Illinois Municipal Code, for example, establishes a civil service system for the state’s police departments. In most municipalities, the mayor or chief administrator appoints a three-member board of fire and police commissioners who formally control the hiring process for new officers.\textsuperscript{103}

For all ranks above police officer, the law requires the board to “provide in all cases, where it is practicable, that vacancies shall be filled by promotion.”\textsuperscript{104} The Chicago Police Department makes this rule absolute, requiring every new officer, no matter how experienced, to go through the Department’s own training academy and start on the bottom rung.\textsuperscript{105} These rules likely explain the striking pattern of promotions and appointments we observed in the Illinois data in Table 3.

Promotions, Illinois law specifies, are made “on the basis of ascertained merit and seniority in service and examination” “from the rank next below that to which the appointment is made.”\textsuperscript{106} The exceptions are the chief and any deputy chiefs, who may be appointed from any rank or even from outside the department, if the municipality has so provided by ordinance.\textsuperscript{107} This, too, helps explain what we saw in Table 3—in particular, the higher rates of outside appointment for chiefs and deputy chiefs. The

\textsuperscript{102} WALKER & KATZ, supra note 25, at 115–16, 134.
\textsuperscript{103} 65 ILL. COMP. STAT. 5/10-2.1-1 (1969).
\textsuperscript{105} Frequently Asked Questions, CHI. POLICE DEPT, https://home.chicagopolice.org/home/frequently-asked-questions/ (last visited Jan. 29, 2023) (“I am a Police Officer in another jurisdiction. Do you accept lateral transfers? No. You must apply for and be hired as an entry-level Police Officer.”).
\textsuperscript{107} See 65 ILL. COMP. STAT. 5/10-2.1-4 (2019).
system of hiring and promotion in county sheriffs' offices is generally similar, with county merit commissions taking the place of the boards of fire and police commissioners.\textsuperscript{108}

The upshot is that officers who make lateral moves to different agencies—except those fortunate enough to be tapped for chief—typically must forfeit whatever rank they have achieved and start over at the lowest rung. As one police career website explains, “[o]ne more major consideration is the fact that you'll be starting back at the bottom more often than not. Historically, most lateral vacancies have been for entry level positions,” meaning “[y]ou'll probably have to give up your rank, assuming you have rank in your current position.”\textsuperscript{109}

Loss of rank is a common topic on officer message boards.\textsuperscript{110} “Most larger police agencies are civil service,” one message-board commenter notes. “Not a problem when one enters at the lowest police officer rank. But anything above that rank would violate most civil service rules.”\textsuperscript{111} Indeed, agencies that prohibit lateral movement often cite civil service laws as a justification.\textsuperscript{112} Discussing the loss-of-rank problem, one officer quipped, “So [I] guess when you pick a department, it’s almost like a marriage: a very good idea to stick with it until the end.”\textsuperscript{113} “Once you get more than 7-10 years on most agencies,” another wrote, “you are kind of locked in as far as your options.”\textsuperscript{114}

Officers contemplating a move are cautioned that, while a veteran transfer may be able to climb the ranks quickly at her new department, she'll start out as a rookie nonetheless: “You will probably have an easier time [o]f it the second go round—but you'll still be a rookie. You will have to earn your way back to being a

\textsuperscript{108} See generally 55 ILL. COMP. STAT. 5/3-7001 to 5/3-7017 (Cook County Sheriff’s Merit Board); 5/3-8001 to 5/3-8018 (Sheriff’s Merit System).

\textsuperscript{109} Roufa, supra note 81; see also Police Officer’s Guide to Lateral Transfers, TACTICALGEAR.COM, https://tacticalgear.com/experts/police-officers-guide-to-lateral-transfers (last visited Jan. 31, 2023) (“This is generally a move made by officers at the patrol level. If an officer has rank, they will lose it and start back as patrol officers again ....”).


\textsuperscript{111} Richard Butler, Comment to Can you transfer between police departments in different states/cities e.g. SFPD to NYPD?, QUORA (May 17, 2019, 10:42 AM), https://www.quora.com/Can-you-transfer-between-police-departments-in-different-states-cities-e-g-SFPD-to-NYPD.

\textsuperscript{112} ALPERT ET AL., supra note 85, at 43.


detective.” Generations of experience with these civil service laws have also created a set of cultural expectations that have assumed independent force: “The process of becoming a detective in large agencies is sacrosanct, and the cops waiting their turn for a shot at being a detective are not going to stand for an interloper going to the head of the line,” reports one message-board post. It is not difficult to imagine the effect of these rules on law enforcement officers’ labor mobility.

3. Loss of Seniority

Just as officers who move laterally typically sacrifice their rank, “[t]he same goes for seniority, which means a great deal in criminal justice careers. Among other things, seniority is often used to award shift preferences, new equipment, and other perks. You'll still be considered a veteran law enforcement officer, but you shouldn’t expect to get the same treatment as someone who has worked for your new department for years.” “[C]onsider the scheduling issues you may face,” one article cautions, to make the point concrete: “Will working weekend graveyard for the foreseeable future be something you and your family can withstand?”

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115 Brian Jones, Comment to Can you keep your rank if you are a police detective and moving to another state to work there for the police?, QUORA (June 30, 2019, 1:44 PM), https://www.quora.com/Can-you-keep-your-rank-if-you-are-a-police-detective-and-moving-to-another-state-to-work-there-for-the-police; see also Tim Dees, Comment to Can you transfer between police departments in different states/cities e.g. SFPD to NYPD?, QUORA (Dec. 24, 2019, 6:14 AM), https://www.quora.com/Can-you-transfer-between-police-departments-in-different-states-cities-e.g-SFPD-to-NYPD (“He might have been a detective or a supervisor at his old outfit, but he’s a rookie at the new place.”); LA DEP, Comment to Lateral Transfer: What if you are a Sergeant and you move to a new city?, OFFICER.COM (June 4, 2008, 6:55 PM), https://forum.officer.com/forum/public-forums/ask-a-cop/hiring-recruitment-process-questions/94913-lateral-transfer-what-if-you-are-a-sergeant-and-you-move-to-a-new-city (“Now, you probably would not STAY at the bottom of the food chain for all that long, but you would have to go through all of the promotion processes ...”).


117 Roufa, supra note 81; Melanie Basich, Thinking Outside of the Recruiting Box, POLICE MAGAZINE (Apr. 3, 2018), https://www.policemag.com/342448/thinking-outside-of-the-recruiting-box (“Recruiting from other agencies has traditionally been difficult because it’s meant officers giving up the seniority at their previous departments...”).

118 Jason Hoschouer, 2 Questions to Ask Before Switching Departments, POLICE1 (Oct. 12, 2017), https://www.police1.com/evergreen/articles/2-questions-to-ask-before-switching-police-departments-gfHmFzday2lbgaAn; see also L.1, Comment to Lateral Transfer: What if you are a Sergeant and you move to a new city?, OFFICER.COM (June 4, 2008, 8:02 PM), https://forum.officer.com/forum/public-forums/ask-a-cop/hiring-recruitment-process-questions/94913-lateral-transfer-what-if-you-are-a-sergeant-and-you-move-to-a-new-city (“When you go over as a lateral, you start at the bottom with respect to seniority in your new agency.”); CFD230, Comment to Transfer from nypd, OFFICER.COM (Mar. 18, 2017, 8:22 PM), https://forum.officer.com/forum/local-discussion-groups/u-s-states/new-york/6456164-transfer-from-nypd (“The only real hiccup is what the new agency will start you out with in pay and you most likely aren't getting hired with seniority.”).
As a legal matter, loss of seniority generally stems not from statutory civil service laws but from commonplace collective bargaining agreements between officer unions and local governments.\(^{119}\) In Naperville, for example, Illinois’ fourth-largest city, the collective bargaining agreement defines seniority as “the continuous full-time length of service or employment *covered by this Agreement* from the date of last hire.”\(^{120}\) Likewise, the collective bargaining agreement in Hoffman Estates specifies that “[s]eniority shall be based on the length of time from the last date of beginning continuous full-time employment as a sworn peace officer *in the Police Department of the Village*.”\(^{121}\) Even prior tenure in the *same department*—interrupted by leave or work in another agency—often doesn’t count toward seniority.\(^{122}\) Indeed, in some departments, the seniority clock stops during time spent away from the *bargaining unit*, such as while serving as a deputy chief in the *same agency*\(^{123}\).

As is true more generally, a huge number of benefits and working conditions in Illinois agencies are distributed by seniority. In Naperville, for instance, seniority is used to determine the timing of annual vacations,\(^{124}\) permanent shift assignments,\(^{125}\) overtime,\(^{126}\) bonuses (called “experience pay”),\(^{127}\) single days off,\(^{128}\) and leaves of absence.\(^{129}\) Even when lateral hires are paid more than rookies, they start at the bottom of the seniority list for all these other purposes.\(^{130}\)

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\(^{119}\) Estimates of the number of unionized police officers and police departments are quite high. See Devon Kurtz & Judge Glock, *Reforming America’s Police Unions to Ensure Justice*, CICERO INST. (Sep. 9, 2020), [https://ciceroinstitute.org/reforming-americas-police-unions-to-ensure-justice](https://ciceroinstitute.org/reforming-americas-police-unions-to-ensure-justice) (“The police in particular have an over 60% unionization rate . . . and over 80% of all police officers are represented by collective bargaining agreements.”); WALKER & KATZ, *supra* note 25, at 116 (“[Police] officers are represented by unions in 73 percent of all municipal police departments and 43 percent of all sheriff’s departments. Almost all of the big and medium-sized cities have police unions, whereas small city and county departments (10 sworn officers or fewer) do not.”).


\(^{123}\) Naperville CBA, *supra* note 120, at § 14.5.

\(^{124}\) Id. at §§ 14.2, 20.2, 20.3.

\(^{125}\) Id. at § 16.7.

\(^{126}\) Id. at §§ 16.7, 16.11, 16.19.

\(^{127}\) Id. at § 24.1(e).

\(^{128}\) Id. at Appendix F.

\(^{129}\) Id.

\(^{130}\) Id. at § 24.1(b) (prescribing pay scale for lateral transfers but noting that “[s]eniority accrues per Article 14 [cited in the text above] and is not impacted by the starting rate”).
job itself can also turn on seniority—when agencies are forced to downsize, seniority determines who gets laid off and who is rehired if capacity later expands.131 Needless to say, this is not how most private-sector jobs work. At the typical firm, a new employee could be hired into positions of any level of rank and seniority, without regard to how long the employee has worked at that firm. To be sure, there are some benefits to seniority in private firms, even holding constant one’s job title or responsibilities.132 But the barriers to lateral entry are much lower than they are with respect to police.

4. Certification Requirements

Most law enforcement officers work for county or municipal agencies; a small number work directly for the state or federal government.133 In nearly every state, to become a law enforcement officer at any level, a candidate must first obtain certification—essentially an occupational license—from a state-level licensing entity, typically called the Peace Officer Standards and Training (POST) Board. Certification generally requires candidates to pass a physical fitness test, attend a state-certified police academy, demonstrate firearms proficiency, pass a written comprehensive examination, and clear a criminal history check.134 Once certified, officers must undergo training and education to maintain their certification.135

Because certification takes place at the state level, it complicates lateral movement of officers across state lines.136 As one career website advises, “Certification requirements for criminal justice workers often differ slightly from state to state, so law enforcement ... certificates don’t easily transfer. Minimum age and other basic requirements can be different as well. Just because you’re eligible to be certified in one state, this doesn’t necessarily mean that you can get certified in another.”137 “Going out of state,” advises another site, “will require the officer to receive additional training, specifically about that state’s laws,” potentially even “a full academy.”138

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131 Harvard CBA, supra note 122, at §§ 11.1, 11.2.
132 See Erling Barth, Firm-Specific Seniority and Wages, 15 J. LAB. ECON. 495 (1997) (demonstrating that there is a small but statistically significant seniority effect on wages).
133 Parts of this paragraph draw from Grunwald & Rappaport, supra note 1.
134 See, e.g., 50 ILL. COMP. STAT. 705/6 (2023) (board certification of academies and comprehensive examination); 50 ILL. COMP. STAT. 705/7 (2022) (academy curriculum); 50 ILL. COMP. STAT. 710/2 (2015) (firearms training); 50 ILL. COMP. STAT. 705/6.1 (2022) (criminal history); ILL. ADMIN. CODE tit. 20, §§ 1720, 1730 (implementing regulations); ILL. ADMIN. CODE tit. 20, § 1720.35 (2004) (specifying academy entrance qualifications).
135 See, e.g., 50 ILL. COMP. STAT. 705/10.6 (2021) (mandatory in-service training).
136 For seminal work on the effects of licensing laws on worker mobility, see Arlene S. Holen, Effects of Professional Licensing Arrangements on Interstate Labor Mobility and Resource Allocation, 73 J. POL. ECON. 492 (1965); B. Peter Pashigian, Occupational Licensing and the Interstate Mobility of Professionals, 22 J. L. & ECON. 1 (1979); Morris M. Kleiner et al., Barriers to Labor Migration: The Case of Occupational Licensing, 21 INDUS. RELS. 383 (1982).
137 Roufa, supra note 81.
ILETSB is the certifying entity in Illinois.\textsuperscript{139} If an experienced officer certified in another state wishes to move to an Illinois agency, the hiring agency may request from ILETSB a conditional waiver of Illinois basic training if certain conditions are met.\textsuperscript{140} These conditions include that the officer have completed a police academy with a curriculum deemed equivalent to Illinois’; that she have finished a probationary employment period; and that she not have had a substantial break in service prior to the move. ILETSB does not give predeterminations on waiver decisions, meaning the Illinois agency must hire the officer first and bear the risk that ILETSB will deny a waiver. Waiver decisions are made on a case-by-case basis, to be granted “if, by reason of extensive prior experience as a law enforcement officer ..., the basic training requirement is illogical or unreasonable.”\textsuperscript{141} If ILETSB grants a waiver, the officer will attend firearms training and a course on Illinois law and be allowed one attempt to pass a 200-question equivalency exam. If she fails the equivalency exam, she’ll be required to attend an Illinois police academy alongside the fresh recruits and pass the comprehensive exam. Presumably because of the costs and risks entailed in onboarding an out-of-state officer, some Illinois departments that advertise lateral positions require Illinois certification, effectively recruiting only from other agencies in the state.\textsuperscript{142}

Officers on message boards describe certification as a substantial impediment to cross-state moves: “Among the reasons that [lateral transfer] almost never occurs,” writes one officer, is that “[a] police officer is only certified in his state. Transferring to another state would require them to attend a police academy in that state to be certified there.”\textsuperscript{143} They also emphasize the complexity and uncertainty associated with out-of-state reciprocity: “It’s possible to [transfer] between states, but there are

\textsuperscript{139} 50 ILL. COMP. STAT. 705/1 (2022); see 50 ILL. COMP. STAT. 705/8.1(a) (2022) (“An employing agency may not grant a person status as a law enforcement officer unless the person has been granted an active law enforcement officer certification by the Board.”).

\textsuperscript{140} Details in this paragraph are provided by ILETSB at Out of State Trained Reciprocity Process, ILL. L. ENF’T TRAINING AND STANDARDS BD., https://www.ptb.illinois.gov/training/out-of-state-trained-reciprocity-process (last visited Jan. 31, 2023).

\textsuperscript{141} ILL. ADMIN. CODE tit. 20, § 1720.15(a) (2004).


\textsuperscript{143} Richard Butler, \textit{supra} note 111.
lots of rules and each case is different,” writes one officer.144 “Whether or not a department or sheriffs [sic] office wants to allow your out of state cert. and ‘fast track’ you, is 100% up to their discretion,” advises another.145

It is clear that many officers consider the burden of recertification when contemplating an interstate move—just as many lawyers dread the prospect of taking the bar exam in more than one state. This message-board question from a federal police officer exemplifies the concern:

I'm currently certified as a federal police officer having attended an academy which was 400 hours (10 weeks) in length. I'm looking for a laterally [sic] transfer to a city or county department (preferably somewhere northeast) but have been having a great deal of difficulty transferring anywhere due to the fact that other departments are telling me my training hours are not enough. (most want anywhere from 25-30 weeks) I was wondering if anyone had an idea of departments that would accept the current amount of training I have?146

Recertification is not only time-consuming but also potentially demeaning: “An experienced officer may have a resistance to being taught the basics,” one website admonishes.147 And while state certification seems to be the principal testing-related drag on officer mobility, it’s worth noting that, in many states, each agency administers its own hiring exam in addition, which often can be—but is not always—waived or streamlined for lateral candidates.148

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144 Tim Dees, Comment to Can you keep your rank if you are a police detective and moving to another state to work there for the police?, QUORA (June 30, 2019, 6:49 PM), https://www.quora.com/Can-you-keep-your-rank-if-you-are-a-police-detective-and-moving-to-another-state-to-work-there-for-the-police.
148 See, e.g., 65 ILL. COMP. STAT. 5/10-2.1-6 (2022) (subjecting officer candidates “to an examination that shall be public, competitive, and open to all applicants”); id. (allowing municipal police boards to waive portions of the hiring examination “for police applicants who have previously been full-time sworn officers of a regular police department in any municipal, county, university, or State law enforcement agency, provided they are certified by [ILETSB] and have been with their respective law enforcement agency within the State for at least 2 years”).
5. Explaining the Legal Landscape Behind Labor Frictions

All else being equal, lower levels of labor mobility are typically bad for labor and good for employers. The lower the level of labor mobility, the lower the wages that employers must pay, because they do not have to worry as much about employees leaving for higher-paying jobs. Therefore, employers typically favor restrictions on mobility, while employees typically favor free movement of labor.

Against this backdrop, the legal restrictions on police labor mobility and their likely effects on wages appear puzzling. Most rank-and-file officers are represented by powerful unions, giving them more control over the terms of their employment than private-sector workers typically have. Some of these terms are directly negotiated with law-enforcement-agency employers. Others are crafted in legislative chambers where police unions enjoy an outsized degree of political influence, particularly over laws and regulations that affect them directly.

Given their considerable ability to bargain and lobby for favorable employment terms, why do police officers put up with laws that limit their lateral mobility and, consequently, reduce their wages and ability to exit when work conditions are suboptimal? The key to untangling this puzzle begins with the realization that the legal rules favored by unions are fundamentally protectionist. True, the rules regarding certification, rank, seniority, and pensions make it difficult for a police officer at Agency A to move to Agency B. But critically, they make it equally difficult for an officer at Agency B to move to Agency A and compete with the first officer for a job or promotion. The same rules that restrict outward mobility (and thus harm officers at a given agency) also restrict inward mobility (and thus protect those same officers).

With this in mind, one possible explanation for police acquiescence in rules that constrain lateral mobility is that most police officers believe they’re unlikely ever to want to move. They envision staying at their agency indefinitely and prioritize job security over access to outside opportunities. They may be perfectly willing as well

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150 Mincer & Jovanovic, supra note 149, at 23–27 (summarizing numerous studies on labor mobility and wages).

151 Masur & Posner, supra note 41, at *2-5 (describing the use of noncompete clauses, no-poach agreements, and other employer restrictions on labor movement).

152 See, e.g., MARGARET ANNE LEVI, CONFLICT AND COLLUSION: POLICE COLLECTIVE BARGAINING 69–85 (1974), https://www.opj.gov/pdffiles1/Digitization/17457NCJRS.pdf (describing a series of instances in which the Patrolman’s Benevolent Association in New York was successful in blocking or winning concessions regarding statewide legislation that would have affected the New York City Police Department).

153 See id. at 69–79.

154 See WALKER & KATZ, supra note 25, at 193 (“Lateral entry is opposed because officers jealously guard the few promotional opportunities that ... arise in a department and resent the idea of outsiders getting these jobs.”); HERMAN GOLDSTEIN, POLICING A FREE SOCIETY 241–43 (1977).
to sacrifice the potential salary gains from lateral mobility to preserve their existing positions and opportunities for advancement within their current agency. These officers would naturally prefer legal rules that limit their outward mobility as long as they simultaneously block incoming competition. It is possible that workers in other industries would similarly favor this tradeoff but lack the strong unions necessary to establish protections for insiders in the first place. It may also be that police are more likely than workers in other industries to prize job security over mobility. They may understand that the geographic and economic considerations we detailed above make it difficult for them to change jobs, wholly apart from (and antecedent to) any legal restrictions.  

For that matter, even if the typical officer is not more inclined to stay than to move, union leaders—who control the bargaining and lobbying processes—may be. Union leaders are typically senior officers in the department, particularly invested in preserving the rules that protect their jobs and the rights that accompany their tenure. They may be even more inclined than the rank and file to support protectionist measures at the expense of labor mobility.

What is more, even if police officers (including union leaders) are not inclined to stay in their current jobs and would prefer greater mobility, they are nevertheless trapped in a jurisdictional collective action problem. If police, like other types of employees, value labor mobility, they would be better off collectively if every police force had certification, rank, seniority, and pension rules that welcomed lateral transfers. This would increase labor mobility (and thus quality of job matches) for all of them.

But an officer in any particular jurisdiction (and union) can have little impact on the law of any other jurisdiction or collective bargaining in other departments. She has sway only over the terms of employment at her own law enforcement agency and in her own state. She could, in theory, exert her influence to facilitate lateral transfer into her agency or state, but she cannot influence any other jurisdiction’s decision whether to welcome lateral transfers like her. And with respect to her own agency and state, it is in her self-interest to seek protectionist terms that decrease lateral competition; officers in other jurisdictions will make the same calculation. The result of this collective action problem is a protectionist equilibrium that is disadvantageous to police officers on the whole—and thus, for reasons we explain below, likely disadvantageous to the public they patrol.

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155 See supra Part II.A.
156 See Jeff Frank & James M. Malcomson, Trade Unions and Seniority Employment Rules, 38 EUR. ECON. REV. 1595 (1994).
157 This is analogous to what the system of international trade would look like if countries were not able to bargain with one another. See James E. Alt & Michael Gilligan, The Political Economy of Trading States: Factor Specificity, Collective Action Problems, and Domestic Political Institutions, in INTERNATIONAL POLITICAL ECONOMY: PERSPECTIVES ON GLOBAL POWER AND WEALTH 327 (Jeffry A. Frieden & David A. Lake eds., 1999).
158 This mirrors the collective action problem associated with noncompete agreements. All workers would be better off if no workers signed noncompete agreements, in that overall labor mobility would be higher and workers would face a more competitive marketplace for their labor. But each individual worker has an incentive to sign a noncompete agreement in exchange for a higher wage, leading to an equilibrium that is disadvantageous to workers on the whole.
This collective action problem can explain seniority rules, which are typically set at the agency level and disadvantage officers who might transfer in from other departments.\footnote{See supra Part II.B.3.} It can also explain certification requirements, which are set statewide and disadvantage officers moving from outside the state.\footnote{See supra Part II.B.1.} Similarly, it clarifies why pensions and rank are essentially never portable across state lines.\footnote{See supra Parts II.B.2 & 4.} Statewide rules like these protect officers from out-of-state competition. And as we explained above, each police officer can influence the rules only in her own state (by making them more protectionist); she cannot make other states more welcoming to her.

This collective action problem is less successful at explaining other features of the rules on rank and pension portability, however. Again, the rules on rank and pensions are set statewide, and thus it makes sense that they would disadvantage out-of-state officers by forcing them to sacrifice their rank and pensions if they move into the state. But we might expect that, if police groups had sway over the writing of these rules, they would have permitted officers who transfer within the state to keep their rank and pensions. After all, all else equal, mobility favors labor’s interests. Similarly, they might have implored Illinois to credit outgoing Illinois police officers with the full value of their pensions (and vest them immediately) irrespective of where the officers go. But the law does nothing of the sort. These laws make it more difficult for officers to lateral out from their departments. As such, they must be driven by something other than the collective action problem just described.

If the provisions limiting within-state mobility operate to the detriment of police officers, then the state or local government must favor them, likely because it reduces labor costs. Again, this is how employers typically view labor frictions. Labor frictions reduce officer mobility, which in turn suppresses wages and minimizes turnover costs.\footnote{Mincer & Jovanovic, supra note 149, at 24-25; POSNER, supra note 149, at 17.} Like any monopsony or oligopsony employer, police departments can pay salaries that are lower than would prevail in a more competitive market with fewer labor frictions. And because employees move around less, police departments can also save money on hiring and training expenses. Police employers thus have an incentive to support provisions, such the ones we describe above, that will increase employment frictions for their officers.\footnote{That being said, in the next Part we will enumerate the many social costs—to the citizens being policed—that likely flow from low police labor mobility. See infra Part III.B. If state governments fully internalized the welfare of their citizens, it is not obvious they should prefer rules that restrict officer mobility, even if it saves the state or its subdivisions money. Nonetheless, it is entirely possible that the financial costs of competing for police labor in a more competitive marketplace—which might rise if the rules limiting mobility were relaxed—are simply more salient to, or more readily internalized by, state policymakers than the social costs created by stagnant police forces, even if everything we say in the next Part is right. See Daryl J. Levinson, Making Government Pay: Markets, Politics, and the Allocation of Constitutional Costs, 67 U. Chi. L. Rev. 345, 345–47 (2000) (raising doubts about how and when governments internalize costs).}
Thus, it is possible that some of these statewide provisions are preferred by state and local governments and disliked by police.\textsuperscript{164} What might politically powerful police unions receive in return for acquiescing to these rules? We suspect the answer is a set of contractual provisions that make it harder to fire poorly performing (and even abusive) officers, some of which have been codified in so-called Law Enforcement Officers’ Bills of Rights.\textsuperscript{166} These protections can include things like strict time limits on citizen complaints, restrictions on the timing and manner of investigation and interrogation of officers, and automatic expungement of officer disciplinary records.\textsuperscript{166} This type of unholy bargain—restrictions on labor mobility in exchange for job protections—makes it harder for officers to move but also much harder for them to be fired.

Moreover, the simple fact of low labor mobility makes job protections all the more valuable to police. This is true whether the rules constraining mobility are the product of officers who do not wish to move, a collective action problem, an unholy bargain with governments, or some combination of the three. Once officers understand that their lateral movement options are heavily constrained, security in their current jobs becomes critical. For this reason, as we proceed in the next Part to evaluate the benefits and costs of low police labor mobility, we believe it is appropriate to consider the labor protections associated with policing—and all the effects that stem from these labor protections—in the overall calculus. Legal provisions that increase labor frictions for law enforcement officers and legal provisions that increase workplace protections for those same officers should be thought of as two sides of the same coin.

### III. The Effects of Low Labor Mobility

In this Part, we move from the descriptive to the normative. Having established that labor mobility among police officers is low, and having described the principal reasons for this, we turn our attention to the benefits and costs of this phenomenon. A typical paper on labor mobility would center on the benefits and costs to the employees and employers themselves without much consideration for externalities, since in many jobs benefits and costs can be fully internalized. The canonical wisdom, again, is that labor mobility is usually good for workers, who can

\textsuperscript{164} To reiterate, as we explained at the start of this section, if police generally prefer to remain in their current departments and are largely uninterested in moving, then they might not value things like pension portability as much and might be happy to accept rules that limit their labor mobility. This discussion is meant to explicate the current equilibrium under the assumption that police officers, like nearly all other types of employees, would benefit from and prefer greater labor mobility as a means of obtaining better jobs and higher wages. See Wial, \textit{ supra} note 149, at 400.


increase their wages or the quality of their jobs by seeking better employment,\textsuperscript{167} and bad for employers, who must pay higher wages and compete more aggressively for the best workers.\textsuperscript{168} A standard inquiry into labor market frictions would examine whether wages in a given sector are being suppressed and whether workers have some other type of recourse besides changing jobs. Those considerations are not unimportant, but they are not our focus here. Part of the reason is that police officers are represented by strong unions that, as we explained above, are capable of advancing their long-term interests at the bargaining table. But more important, policing generates significant externalities—both positive and negative—for the communities being policed. Accordingly, we concentrate our analysis on the effects of low labor mobility on society as a whole, rather than on the particular employees and employers involved.

For the civilians who interact with police, low levels of police labor mobility can generate meaningful benefits and costs. On the one hand, low labor mobility encourages investment in training and other firm-specific knowledge and expertise, which can improve officer performance. It also generates a more stable, professional police force—especially valuable, perhaps, when hiring and retaining police officers is challenging. On the other hand, officers who are locked into their positions can burn out. This can degrade their performance, including their rule compliance, and lead them to seek forms of exit (such as going on disability) that are less desirable than straightforward departure. Low labor mobility also means that police departments are too seldom enriched with new blood and new ideas, leading them to stagnate. And perhaps most important, as we have explained, the tradeoff for low labor mobility includes rules that make police officers difficult to discipline and fire. These provisions, in turn, likely increase the rate of police brutality and other misconduct. Without a full-scale empirical analysis, it is impossible to determine whether the benefits of low labor mobility outweigh the costs or vice versa. Nonetheless, it seems likely that the effects of low police labor mobility are meaningfully large in one direction or another, if not both.

A. Benefits of Limited Mobility

1. Heightened Commitment

The long-term stability of law enforcement employment likely encourages both officers and their agencies to make greater sector-specific and firm-specific investments. No employer wants to bear the full costs of training an employee only to


see her depart for another position enriched by the training she received. If firms cannot internalize the full benefit of the training they provide, they are likely to undersupply training, to the detriment of the worker and anyone she serves—a canonical point made in the labor economics literature. If firms cannot internalize the full benefit of the training they provide, they are likely to undersupply training, to the detriment of the worker and anyone she serves—a canonical point made in the labor economics literature. In policing, this is less of a problem: if the officer will remain with the department for a long time—or perhaps even her entire career—then the agency can internalize all (or nearly all) of the benefits of training her, which provides it with additional incentives to do so.

For their part, employees are often reluctant to invest heavily in firm-specific training and knowledge precisely when (and because) they might be fired at any moment. By definition, firm-specific knowledge is valuable to the employee only while she remains at the same firm. If she believes she might soon be leaving that firm, she will be reluctant to undertake costly firm-specific training that will be useless to her once she departs. For instance, she might hesitate to spend her own time learning the information she needs to do her job, or she might prioritize sector-specific training (which would be valuable in another job) over firm-specific training even when the latter would be more useful.

The long-term nature of police positions changes this equation. If an officer knows that she is likely to remain on the same police force for a long time, she will be more willing to make firm-specific investments that help her improve the quality of her work. For instance, she will be more inclined to learn the nuances of the areas she polices, build relationships with the people she serves and with her colleagues (whom she expects to stick around as well), and master the particular practices and rules of her employer. All of this will redound to the general benefit of the community in which she works.

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169 See, e.g., Acemoglu & Pischke, supra note 75; Jacob Mincer, Schooling, Experience, and Earnings (1974); Gary Becker, Human Capital (1964).
171 In these respects, the effect of long-term law enforcement employment and low lateral movement mirrors the effect of a non-compete clause coupled with a contract for a lengthy term of years. There is an extensive literature on how non-compete clauses benefit employers and employees by encouraging sector-specific training and firm-specific investment by both parties. This benefit—which is typically the strongest argument in favor of non-competes—is balanced against the fact that non-competes lead to lower wages for employees in the long run due to the lack of labor mobility. It is for this latter reason that non-competes are banned in some states, including California. Unlike the vast majority of employment subject to non-compete agreements, police contracts are typically collectively bargained, and this collective bargaining includes (up front) the rate at which salaries rise over time and with promotion. Accordingly, it is possible that limited labor mobility does not suppress police salaries as much as it does the salaries of employees subject to non-competes. In any event, for our purposes, the important point is that the lack of lateral movement among law enforcement officers encourages sector- and firm-specific investment in a manner that mirrors the functioning of non-compete agreements.
2. Professionalization

The benefits of the civil service laws that restrict lateral movement by prioritizing internal promotion come into view against the historical backdrop that motivated their application to law enforcement. Early American police departments were essentially “adjunct[s] of the [political] machine.”172 Their performance was, by all accounts, “hopelessly unprofessional, inefficient, and corrupt.”173 Here is how one leading textbook describes American policing during the “political era” ranging from roughly 1830 to 1900:

Police departments in the political era had no personnel standards as we understand them today. Officers were selected entirely on the basis of their political connections. Men with no formal education, those in bad health, and those with criminal records were hired....

Police officers had no job security and could be fired at will. In some cases, almost all the officers were fired after an election.... Jobs on the police force were a major form of patronage, which local politicians used to reward their friends....

Police corruption was epidemic .... The police took payoffs for not enforcing laws on drinking, gambling, and prostitution. The money was then divided among officers at all ranks. Corruption extended to personnel decisions. In New York City, an officer seeking a promotion had to pay a bribe of $16,000. The cost of obtaining a promotion was compensated for by the greater opportunities for graft....174

It is impossible to overstate the pervasiveness of local politics in nineteenth-century policing. “[M]ost officers,” writes historian Robert Fogelson, “derived their prerogatives and influence as much from their political connections as from their official positions.”175 “[W]hoever controlled the ward vote was entitled to name the precinct captain,” Fogelson explains, and “most captains deferred to the ward leaders: they protected their cronies, harassed their enemies, favored their appointees, contributed to their campaigns, and in innumerable other ways acknowledged their leadership.”176 Worse yet, ward bosses deployed the police on election day—police officers under the thumb of local politicians running for office were dispatched to superintend the polls and arbitrate voting disputes.177

172 FOGELSON, supra note 53, at 13.
174 WALKER & KATZ, supra note 25, at 35–38; see also August Vollmer & Albert Schneider, SCHOOL FOR POLICE AS PLANNED AT BERKELEY, 7 J. CRIM. L. & CRIMINOLOGY 877, 877 (1917) (describing nineteenth-century policing as “an era of incivility, ignorance, brutality, and graft”).
175 FOGELSON, supra note 53, at 22–23.
176 Id. at 25.
177 See id. at 20.
The application of civil service laws to the police was designed in part to remedy this intolerable state of affairs. Part of a broader, multi-generational movement to “professionalize” the police, civil service laws, reformers hoped, would “get officers out of the hands of ward bosses.”\(^{178}\) Simply put, if the department had to promote from within, ward bosses could no longer “name the precinct captain,” and captains would no longer “de[fer] to the ward leaders” rather than their chief.\(^{179}\) The same legal reforms raised entrance requirements and required good cause for termination, making it harder for local politicians to get incumbent officers fired and replace them with cronies, however unqualified. While the sordid practices of the political era may seem far-fetched in today’s world, the basic point is that civil service rules reduce the opportunities for bias, nepotism, and self-dealing to drive personnel decisions. And by increasing the prospects for advancement within the department, they may attract better candidates to the occupation and induce them to stick around.\(^{180}\) All of this ought to redound to the benefit of the broader public.

### 3. Attraction of High-Quality Candidates

Finally, there is some evidence that the long-term stability of a policing career may help attract more talented candidates to the job. Historically, this was certainly the case. Police pension systems, historian Robert Fogelson explains, were “designed not only to help the police departments attract capable recruits but also to enable them to retain experienced policemen and retire superannuated officers.”\(^{181}\) And these efforts seem to have worked: Fogelson describes how many Depression-era recruits were lured into policing by the promise of “a steady job, a modest salary, and a decent pension.”\(^{182}\)

Contemporary social science evidence confirms this historical account and suggests that job stability may help diversify the pool of applicants as well.\(^{183}\) In a randomized controlled trial, Elizabeth Linos found that messages emphasizing the long-term stability of a career in policing were more effective at encouraging candidates to apply than other messages geared around, for instance, the opportunity to serve the public. This effect was strongest, moreover, for applicants of color and

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\(^{178}\) DAVID ALAN SKLANSKY, DEMOCRACY AND THE POLICE 36 (2007); see also id. at 35–37; WALKER, supra note 173, at 131. The best description of the struggle to professionalize the police, including the role of civil service protections, is Robert Fogelson’s book-length account. See generally FOGELSON, supra note 53.

\(^{179}\) FOGELSON, supra note 53, at 25.

\(^{180}\) See People ex rel. Cadell v. Bd. of Fire & Police Comm’rs, 103 N.E.2d 666, 668 (Ill. App. Ct. 1952) (“A careful reading of the whole [civil service law] does not leave much doubt as to the objects and purposes sought to be obtained, viz.: to provide a method by which the personnel of the ... police department[] of a city could be taken out of the realm of political patronage and given a tenure that depended upon merit in order to encourage the applications and retention of qualified persons for the said department[].”).

\(^{181}\) FOGELSON, supra note 53, at 105.

\(^{182}\) Id. at 169–70.

\(^{183}\) Evidence on the extent to which pensions help retain high-quality workers is more equivocal, however. See, e.g., Cory Koedel et al., Teacher Pension Systems, the Composition of the Teaching Workforce, and Teacher Quality, 32 J. POLY ANALYSIS & MGMT. 574 (2013) (finding no evidence that pension incentives raise worker quality).
women. In Table 2 above, we saw that women and people of color were generally less likely to make lateral moves than white men. The two sources thus paint a consistent picture of job stability potentially mattering most to people in those demographic groups.

As we noted above, it is not necessarily surprising that risk-averse individuals might be willing to trade some amount of labor mobility—which is costly to leverage, particularly for law enforcement officers—for job stability and security. Thus, if we conceptualize heightened job security for law enforcement officers as part of the bargain for decreased labor mobility, it is possible to draw a causal connection between increased labor frictions and heightened quality of policing candidates. This, in turn, could benefit civilians, who are policed by better and more diverse officers than would have otherwise joined the force.

B. Costs of Limited Mobility

1. Stagnation

Labor mobility is important to both employees and employers as a means of allocating talent and expertise efficiently. A given employee’s skills might be more valuable at another firm; the ability to move to that firm thus serves both the employee and the putative next employer. Employees can also simply tire of their current jobs or burn out. Under those circumstances, their performance can suffer, to the detriment of any stakeholders affected by the employer (here, the entire policed community). Labor frictions are harmful to putative future employers as well. Labor frictions that reduce mobility lead to allocative inefficiency due to the resulting mismatch between employers and employees. If employees cannot or will not move to jobs where their skills and expertise are more valuable, then some potential employer is similarly denied the full benefit of their skills.

These considerations loom large in the context of policing. Law enforcement jobs can differ substantially, even within a given state. Policing a large city is very different from policing a medium-sized suburb, which is in turn different from policing a small town. Labor frictions can prevent law enforcement officers from finding the environment that suits them best. For that matter, a particular officer might be better

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184 Elizabeth Linos, More Than Public Service: A Field Experiment on Job Advertisements and Diversity in Police, 28 J. PUB. ADMIN. REV. & THEORY 67, 77–79 (2018); see also Marinescu, supra note 24, at 483–84 (finding that job-security legislation improved the quality of newly recruited workers).

185 See supra Part II.A.

186 As noted in Part II.A.5 above, standard economic theory would suggest that another consequence of low labor mobility is lower wages for police. This might be thought of as a benefit, as it lowers the burden on the taxpaying public. At the same time, policing salaries are paid to people who are themselves members of the public. A reduction in police salaries thus operates primarily as a transfer from police officers to taxpayers. Accordingly, and in keeping with the standard treatment of transfers in other contexts, we do not view it as a cost or benefit. See Jonathan S. Masur, CBA at the PTO, 65 DUKE L.J. 1701 (2016).

187 See Arthur M. Ross, Do We Have a New Industrial Feudalism?, 48 AM. ECON. REV. 903 (1958).

suited to investigative work than patrol, or to a primarily administrative position rather than a more active one, but be unable or unwilling to apply for an open position that offers the preferred type of work.

There is evidence for these types of problems in surveys of officers. One government report on police pensions and labor mobility argued that mobility restrictions reduce policing efficacy through diminished competition, attenuated skill and knowledge development, and reduced employer-employee skillset-based matching. The report included a survey of 132 officers who were asked, “If any existing impediments to job mobility were removed, and a wider field of job opportunities in other locations were thus opened up, would this lead you to acquire new skills or specialized knowledge that would qualify you for a higher-paid and/or more responsible position?” Eighty-three percent of officers responded affirmatively. The report concluded: “The thought of losing [a] pension by reason of a change of position can, and does understandably prevent many a police officer from moving to a job in which his prospects are greater and his skills and strengths can be more effectively employed.” Another more recent study asked police officers whether they agreed or disagreed with statements including “If I could change police departments without losing seniority I would” or “If I received an offer for a better paying job outside of policing I would immediately accept it.” Average responses from officers indicated agreement with both of these statements.

The problems do not end with skills mismatch. Unhappy employees whose abilities are not being tapped may quickly burn out. They might stop providing their best efforts on the job, their rate of misconduct might increase, and they might become more likely to suffer from mental illness from being trapped in a stressful job they cannot escape. It is even possible that some officers might consciously and dishonestly turn to the disability system as a substitute for switching jobs when labor frictions are high. And if officers respond to burnout by engaging in misconduct or simply performing poorly, they are difficult to fire because of statutory and contractual labor protections.

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189 CALVERT, supra note 96, at 6 (“In the event that this impediment to job mobility were removed, there would be an immediate stimulation to the acquisition of new skills and specialized knowledge among peace officers, resulting in better overall performance, greater professionalism, greater competition for senior positions, and a general advance in capability on a nationwide basis in the battle against crime.”).

190 Id. at 67.

191 Id. at 1–2.


193 Id. at 9.

Indeed, in an article on a website geared toward law enforcement officers, patrol officer Mike Endres argued that labor frictions (principally generated by the lack of pension portability) lead officers to stay with law enforcement agencies longer than they otherwise would, to the detriment of their wellbeing and productivity. The author notes that more police officers die from suicide than from any other on-the-job cause and writes, provocatively: “But sixteen years of wading through human misery has taken a toll. You've seen one too many easily-avoided traffic fatalities. You dread coming to work. Your spouse is tired of seeing your suffering and the black cloud it brings over the family and is threatening divorce.” The same author notes that officers who cannot leave their jobs may also reduce the effort they put in.

Social scientific research largely backs up Endres’ claims. Studies consistently find that “organizational stressors” contribute significantly to officer burnout—more so even than the stresses inherent to police work itself. Likewise, inadequate job resources—including salary and career opportunities, role clarity and autonomy, and team climate and support—strongly predict officer exhaustion and disengagement. Burnout, in turn, seems to lead to higher rates of absenteeism, decreased motivation, and dysfunctional work behavior, and may also decrease confidence during critical decisionmaking moments.


195 Endres, supra note 85; see id. ("Ask a police officer how long he or she plans to keep working in law enforcement and you'll get a unique answer... In cop speak, it will be, 'when my pension says I can retire.' In plain speak, that translates to, 'I've had enough, and I would quit and do something else if I wasn't financially stuck here.'"); id. ("Law enforcement takes a toll on its practitioners, and pensions encourage people to stick around long past when they otherwise would have left... If you leave before reaching your full pension, not only will you walk away with little money for retirement, but you'll likely end up finding a lesser-paying job that won't cover college bills and the cost of adequate care of your aging parents. For many years, more officers have died by suicide than were killed on the job. A 2012 study showed that the average age of an officer who died by suicide was 42 and had an average career length of 16 years. "); id. ("Police work is not for everyone, and that's fine. No one should be financially strong-armed into staying in law enforcement. Your Jacksonville buddy who decides that nine years is enough can leave and take his entire 401(a) defined-contribution balance with him... But you? Let's say that you consider leaving at nine years and are not yet vested in your defined-benefit pension... You'll probably decide that's not a good financial idea, find an office job, and busy yourself checking emails for another decade or two until you are eligible for your pension."").

196 Id.


199 See Alan M. Goodman, A Model for Police Officer Burnout, 5 J. BUS. & PSYCH. 85, 85, 95 (1990); Bakker & Heuven, supra note 197, at 425; Bakker et al., supra note 198, at 92–98; Richard C. Niebusch & Nathan R. Moran, Conservation of Resources, Burnout, and Other
Low labor mobility and the resulting stagnation likely produce dynamic effects as well. Just as some qualified candidates are probably enticed by the job security that accompanies policing, low labor mobility likely deters other candidates from entering the field. There may be an adverse selection effect here as well: it is possible that the best candidates are the ones who would most value the ability to switch jobs to advance in the field. Labor frictions may also slow efforts to diversify police ranks. As in many other professions, police officers who enter the force today are less likely to be white or male than fresh recruits two and three decades ago. The longer current officers hold their jobs, the more slowly a predominantly white and male officer corps will be replaced by a more diverse group of recruits.

At the same time, it is important to acknowledge the organizational and social costs that might result if officers could move more freely. In general, and in the private sector, assortative labor matching—where employees migrate to the jobs that value their skills most highly—is seen as positive. If Job A will pay a worker more than Job B, it must be because the worker will produce more value at Job A than at Job B. Allowing the worker to move to Job A therefore creates social benefits. This relationship does not necessarily hold in the public-sector world of policing, however. Some jurisdictions offer higher salaries for police officers simply because their residents are wealthier. Those jurisdictions tend to have lower crime rates for related reasons. If police had greater labor mobility, the best officers might move from higher-crime, lower-salary jurisdictions where their services are more socially valuable, to lower-crime, higher-salary jurisdictions where they provide less value to the community. That is, on the whole it would be socially deleterious if the best police officers steadily migrated from Chicago to Winnetka and from Miami to West Palm Beach. Indeed, there is some evidence that teachers engage in this type of reverse-

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200 See supra Part III.A.3.

201 See David Alan Sklansky, Not Your Father’s Police Department: Making Sense of the New Demographics of Law Enforcement, 96 J. CRIM. L. & CRIMINOLOGY 1209 (2006); see also Daniel E. Ho et al., Mandatory Retirement and Age, Race, and Gender Diversity of University Faculties, 23 AM. L. & ECON. REV. 100 (2021).


 assortative matching, with better teachers migrating from poorer districts (where the need for them is greater) to wealthier ones.\textsuperscript{205}

Thus, we cannot say that greater mobility would be an unmitigated positive on these terms. Nonetheless, the gains from retaining high-quality officers will be greatly diminished if the officers burn out and are unable to transition. These static harms must be balanced against whatever distributional benefits might be achieved from forcing officers to remain in place.

2. Reduced Diffusion of Ideas

Stagnation in law enforcement organizations likely diminishes the creation and diffusion of new ideas. There is a large literature, much of it relating to high-tech industries, showing that labor movement spreads new ideas across organizations and generates innovation.\textsuperscript{206} As employees move jobs, they bring their ideas and expertise, and the aggregation of new ideas from multiple employees and firms eventually leads to innovation.\textsuperscript{207} This is one of the hypothesized reasons for the success of Silicon Valley: a proliferation of firms in the same geographic area, with significant labor movement among firms.\textsuperscript{208} Notably, even firms that have lost employees seem to benefit from labor movement. As employees change jobs, they retain strong social ties with the employees who remain at their prior firms. The result is backward sharing of ideas, where the departed employee passes knowledge from her new firm back to her former colleagues at her old one.\textsuperscript{209}

These effects are not limited to the technology sector or even the private sector. There is evidence that even within governmental organizations, notably including police departments, hiring from the outside spurs innovation (compared with simply promoting internal candidates).\textsuperscript{210} As an article published by the National Policing Institute, a non-profit research body, put it:

One way [to open up policing to new people and ideas] is to allow for lateral transfers at all sworn ranks between departments. Today, to climb the ranks in a police department, one must start in that

\textsuperscript{205} See Li Feng & Tim R. Sass, Teacher Quality and Teacher Mobility, 12 EDUC. FIN. & POL’Y 396 (2017); Dan Goldhaber et al., Teacher Career Paths, Teacher Quality, and Persistence in the Classroom: Are Public Schools Keeping Their Best?, 30 J. POL’Y ANALYSIS & MGMT. 57 (2011); Donald Boyd et al., Explaining the Short Careers of High-Achieving Teachers in Schools with Low-Performing Students, 95 AM. ECON. REV. 166 (2005) (discussing labor mobility among high-performing teachers).

\textsuperscript{206} See, e.g., Lori Rosenkopf & Paul Almeida, Overcoming Local Search Through Alliances and Mobility, 49 MGMT. SCI. 751 (2003).

\textsuperscript{207} See Jaeyong Song et al., Learning-by-Hiring: When is Mobility More Likely to Facilitate Interfirm Knowledge Transfer?, 49 MGMT. SCI. 351 (2003).

\textsuperscript{208} Orly Lobel, Talent Wants to Be Free: Why We Should Learn to Love Leaks, Raids, and Free Riding (2013).

\textsuperscript{209} See Ajay Agrawal et al., Gone but Not Forgotten: Knowledge Flows, Labor Mobility, and Enduring Social Relationships, 6 J. ECON. GEOGRAPHY 571 (2006); Rafael A. Corredoira & Lori Rosenkopf, Should Auld Acquaintance be Forgot? The Reverse Transfer of Knowledge Through Mobility Ties, 31 STRATEGIC MGMT. J. 159 (2010).

\textsuperscript{210} See, e.g., Manuel P. Teodoro, Bureaucratic Job Mobility and the Diffusion of Innovations, 53 AM. J. POL. SCI. 175 (2009).
department as a rookie and promote up, or be hired from the outside as a police chief. Is it any wonder that the answer to the question of “why do you do it that way” is “because we always did and we know no difference?”

The article addressed the outside hiring of police chiefs in particular, the one leadership position for which lateral appointments are not uncommon. But the position of police chief is surely not the only one that matters. Just as studies have shown that movement of regular employees leads to knowledge diffusion in other industries separate and apart from the movement of CEOs, so too would labor movement of lower-ranking police officers (and even line officers) likely lead to greater production and diffusion of ideas about policing. Indeed, research suggests that agency leaders often struggle, in the face of rank-and-file resistance, to impose their reform agendas from the top down, notwithstanding the political mandate with which they take office. For this very reason, some argue that lasting change in policing must ultimately come from the bottom up.

What might innovation in policing look like? What are departments potentially missing due to workforce stagnation? At a macro scale, departments may not be learning about best practices for implementing programs like community policing. And somewhat more narrowly, individual units or squads within the department could benefit from new ideas—ideas for how to defuse dangerous situations, interact with particular populations, address problems related to mental illness, use technology effectively to supplement personnel in the field, or any number of other possibilities. Indeed, part of the problem is that it is impossible to know what innovation might have occurred in a counterfactual world of greater police labor mobility.

3. The Blue Wall of Silence

The fact that any given officer is likely to remain with the same law enforcement organization for her entire career also creates strong incentives for her to preserve the quality of her working conditions. Without a meaningful exit option, she is effectively tied to her employer and colleagues, for better or for worse. This gives

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211 Nola M. Joyce, Inviting Outsiders Inside Policing, NAT’L POLICING INST. (Mar. 2, 2016), https://www.policinginstitute.org/onpolicing/inviting-outsiders-inside-policing/; see also Walker & Katz, supra note 25, at 193 (“Some experts regard lateral entry as a potential means of enhancing police professionalism. They argue that it would create greater career opportunities for talented and ambitious officers and would allow departments to bring in fresh blood and new ideas.”).


213 See generally POLICE REFORM FROM THE BOTTOM UP: OFFICERS AND THEIR UNIONS AS AGENTS OF CHANGE (Monique Marks and David Sklansky eds., 2011).
her good reason not to run afoul of her superior officers, who could make her job enduringly unpleasant. It also gives her motivation to mind her fellow officers who, given the highly relational nature of policing, could also make her job unpleasant—or even dangerous.

All of this means that officers have powerful, self-interested reasons to comply with directives from superiors and conform with cultural norms established by peers, even when those norms are pernicious. If police superiors order an officer to make quality-of-life arrests or engage in heavy-handed stop-and-frisk tactics in a particular neighborhood, she has good reason to comply. At some level, this is sensible: we want rank-and-file officers to obey orders rather than follow their own surmise. But at the same time, obsequiousness eliminates an important check on harmful orders that emanate from the top. Unlike in other professions, it is terribly difficult for police officers to quit in protest or even to object to the orders they receive. If the policies and priorities of senior law enforcement management are misguided, the entire law enforcement organization is stuck with them.

The relational nature of policing makes this concern equally salient—if not more so—with respect to one’s fellow officers. As we described above, nearly all police officers work in teams, teams that are essential to both the quality and safety of an officer’s work. Officers who alienate their colleagues can be placed in dangerous situations or otherwise face severe reprisals for their actions. This means that each officer faces enormous pressure to take the norms of the department as given, as defecting from them would exact a heavy price. If the department (or unit) engages in corruption, the officer feels pressure to behave similarly. If the department is infused with toxic masculinity, these forces push the officer to adopt the same stance.

Perhaps most important, the officer becomes inclined to engage in collective behaviors that benefit law enforcement officers even if they harm the public. The most prominent of these is the widespread practice of refusing to inculpate another officer or, if necessary, lying to protect a colleague against charges of misconduct. Any officer who undermines what is known as the “blue wall of silence” runs a substantial risk of ostracization. This can make work unpleasant or worse—there are common

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215 See Justin Fenton, We Own This City: A True Story of Crimes, Cops, and Corruption (2022) (detailing the rampant corruption within the Baltimore Police Department’s Gun Trace Task Force and the manner in which new officers were acculturated into these patterns of corruption).


reports of police who do not play by the “rules” being left in precarious situations by colleagues who ignore their calls for backup, for example. And because these officers have limited exit options, they are then stuck in jobs that endanger their lives and safety.

The blue wall of silence, in turn, has immensely negative effects on the behavior of officers and the operation of police departments. When police officers will not testify to wrongdoing they witness or actively aid in covering it up, it frustrates efforts to hold misbehaving officers accountable. This in turn perpetuates police abuse and misbehavior, as wrongdoers remain on the force and offend again, and as all police know that the likelihood of sanction for malfeasance is low. If policing functioned like other jobs, with higher rates of lateral movement, the blue wall of silence might not be so impenetrable.

4. Interference with Officer Discipline

The contractual and statutory labor rights that compensate officers for their limited lateral mobility, like the blue wall of silence, stymie leadership in sanctioning officers for misconduct. A decreased risk of sanctions, in turn, likely increases the incidence of wrongdoing. Legal scholars and criminologists have long believed this to be the case; empirical evidence has recently begun to accumulate, though researchers’ findings are somewhat mixed. Beyond its immediate harms, police

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218 See, e.g., Huq & McAdams, supra note 166, at 215.
misconduct tends to erode public trust in the police, which may reduce cooperation and potentially even lower the clearance rate for serious crimes.

IV. PATHS FORWARD

In this Part, we consider legal and policy reforms aimed at ameliorating the costs of low law enforcement labor mobility. We are mindful of the fact, as noted above, that labor stability confers benefits and not merely costs. That is, greater labor mobility is not necessarily an unalloyed good. Accordingly, we cannot simply recommend any measure that will diminish labor frictions, though we catalogue several of them. On the contrary, we believe the optimal approaches would be reforms (or packages of reforms) that best confer the advantages of labor mobility while preserving the benefits of employment stability. We suggest, for example, that one cost of increased mobility—weakened incentives to invest in training and expertise—could be offset by heightened support for training at the state and federal levels, where the benefits can be internalized even when officers are more mobile. Future empirical research may shed light on the efficacy and relative importance of these reforms.

These suggestions should be understood in contrast to how similar problems would be addressed if they arose in the private sector. If some type of private-sector firm held the same type of monopsony power over labor that state and local police have, it would be an immediate target for antitrust lawsuits by the Department of Justice Antitrust Division and private plaintiffs. It is beyond dispute that local police forces are monopsonistic employers of law enforcement officers within their jurisdictions: an overwhelming percentage of the law enforcement jobs available within Chicago are provided by the Chicago Police Department, an overwhelming percentage of the law enforcement jobs available within Elgin, Illinois are provided by the Elgin Police Department; and so forth. Moreover, states have created these monopsonies deliberately, by law, by setting non-overlapping jurisdictional boundaries between police forces. In the private sector, the geographic division of markets is per se unlawful conduct under the Sherman Act. If this were the private sector, it would be hard to find a more straightforward case of unlawful antitrust conduct.

There are of course good reasons why policing jurisdictions are geographically delineated. A system of multiple police forces with competing and overlapping jurisdiction could cause enormous operational problems well exceeding the costs of low police labor mobility. The antitrust laws are not meant to contravene these types of public policy design choices, which is why state action is exempt from the antitrust laws.

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laws. But that does not change the fact that the labor marketplace conditions that are commonplace for police officers would never be tolerated for plumbers, doctors, or accountants. That antitrust law is not an option renders consideration of other approaches all the more critical. With that in mind, we turn to a few possibilities.

A. Portability of Pensions, Rank, Seniority, and Certification

As we detailed at length above, among the most serious impediments to police officer mobility is the fact that an officer who moves laterally typically must sacrifice her rank, seniority, and often even some or all of her pension. If she moves across state lines, she must also be recertified. These frictions exist because of legal rules, rules that could simply be amended. We mean “simply” not in the political sense—as we’ve explained, these rules are the product of powerful interest groups and will not be easily undone—but in the legal sense: there is no mystery as to what is creating the frictions.

Sufficiently motivated states and localities could implement open-door rules stating that departments within the jurisdiction have the authority to (or even must) credit any officer hired laterally with the pension service credit, rank, and seniority she had accrued in her prior job. After all, this is how things work in the private sector: one does not go from being a Senior Vice President for Widgets at Corporation A to working in the mail room in Corporation B. And while some law enforcement agencies may promise to promote experienced lateral hires quickly, the prospective lateral must bear the risk of non-promotion, discouraging lateral movement.

It may be difficult to imagine Illinois unilaterally creating a rule that makes it easier for police officers in other states to find jobs in Illinois but does nothing to help Illinois police officers find jobs in other states. But the political economy behind such a law is not actually so obscure. Illinois has a strong interest in cultivating the best possible police departments, staffed by officers who successfully investigate serious crimes and don’t commit unlawful acts of violence against Illinois residents. For that matter, the police officer who moves to Illinois becomes an Illinois resident, and there is no obvious reason for the Illinois legislature to favor today’s Illinoisian over tomorrow’s.

Even if such rules seem infeasible, there are other options. States could pass laws mandating portability of pensions, rank, and seniority for in-state lateral moves, migrate from defined-benefit to defined-contribution pension plans, or even just reduce the vesting period for existing pensions. Groups of states could create cross-
state reciprocity rules for certification and more, allowing portability within the

group. For instance, one could imagine Massachusetts, Connecticut, and Rhode Island
forming a multi-state compact to facilitate labor mobility of police officers working in
those three states.228

Alternatively, the federal government could mandate portability through
federal law. Federal law is, after all, the typical mechanism for solving multi-state
cooperation and coordination problems. Or, if dictating labor terms to state and local
police forces were seen as excessively interventionist, perhaps because it trenches on
the state police power, the federal government could create a national pension system
available to all law enforcement officers. Any law enforcement officer working in any
jurisdiction could join the program, and the pension would be fully portable by virtue
of being federal.

To take a half-step back: the political economy arguments we have offered in
the past three Parts have implicitly—though perhaps not explicitly—incorporated
canonical understandings of the power of concentrated interest groups.229 States and
cities have compelling interests in providing the best possible policing services to their
residents. Indeed, this may be the most important thing states and cities do, or
perhaps the second most important, after operating schools. Yet it is not surprising
that police unions and the public officials who negotiate with them have come to terms
that may not always achieve optimal outcomes for policed communities, particularly

as a Natural Experiment Abstract, 54 ECON. INQUIRY 1402, 1416 (2016) (finding that reduced
vesting periods for defined-benefit pensions increased job mobility); Marloes Lammers et al.,
Pension Rules and Labour Market Mobility (IZA Inst. Lab. Econ., Discussion Paper No. 10840,
2017), https://docs.iza.org/dp10840.pdf (finding that shifting from a final-salary to average-
salary model for defined-benefit pensions increased civil servant mobility); Cory Koedel et al.,
Pension-Induced Rigidities in the Labor Market for School Leaders (Nat’l Ctr. for Longitudinal
(finding, through simulation, that removing pension borders would increase mobility of school leaders). But see Dan Goldhaber, Public
Pension Reform and Teacher Turnover: Evidence from Washington State (Nat’l Ctr. for
https://caldercenter.org/sites/default/files/WP%20142%20Policy%20Brief.pdf (finding that
shift to defined-contribution plan did not increase teacher mobility); Alan L. Gustman &
Thomas L. Steinmeier, Pension Portability and Labor Mobility: Evidence from the Survey of
Income and Program Participation, 50 J. PUB. ECON. 299 (1999) (arguing, based on empirical
evidence, that compensation premiums, rather than nonportability, explain lower rates of
mobility for pension-covered workers).

228 There is at least some evidence from the nursing context that interstate compacts like
this do materially increase worker mobility. See Aimi Abdul Ghani, The Impact of the Nurse
Licensure Compact on Inter-State Job Mobility in the United States, in OECD ECONOMIC
SURVEY OF THE UNITED STATES: KEY RESEARCH FINDINGS 103 (2019) (finding that states’
joining of the Nurse Licensure Compact can boost nurse inter-state job mobility). But see
22344, 2016), https://www.nber.org/system/files/working_papers/w22344/w22344.pdf (finding
no evidence that nurse job mobility increases following states’ joining of the Nurse Licensure
Compact).

229 See generally MANCUR OLSON, THE LOGIC OF COLLECTIVE ACTION: PUBLIC GOODS AND
THE THEORY OF GROUPS (1971).
those that are marginalized along various dimensions and enjoy less political power. The typical solution in such situations is often federal lawmakers power.

Of course, increasing mobility through such measures has its potential downsides. To name just two, law enforcement agencies might reduce their investment in training mid-level officers who are now more likely to leave for other jobs; and concerns about reverse-assortative matching might also arise, whereby the best officers gravitate toward the jurisdictions that need them least, such as wealthy, low-crime suburbs. These concerns are undoubtedly important and, for this reason, we cannot necessarily say as a theoretical matter that lubricating the gears of police officer mobility will be beneficial in net. Nevertheless, we mention below several reforms that might address some of these concerns and thus might usefully be packaged with pension, rank, and seniority portability.

B. Improved Information Flow

Hiring agencies, like all prospective employers, may fear that only the lowest-quality officers enter the lateral job market, biasing them against these candidates. The principal remedy for this problem is information—specifically, information about past performance that allows agencies to distinguish the good officers from the bad. In theory, background checks and job references can supply this information; in practice, however, several obstacles lie in the way. To start, the options for public, readily accessible information about an officer’s conduct on the job are minimal. Federal and state databases recording officer misconduct do not exist; few localities publish this information either. There is a national database of officer decertifications, but its coverage is poor.230 In addition, many agencies—especially the smallest ones—lack the time and resources to conduct thorough background investigations. And even when they do, evidence suggests that many law enforcement employers are reluctant to provide negative references for fear of litigation.231 Collective bargaining agreements and LEOBORs exacerbate this problem by expunging records of misconduct after a period of years.

All of these problems are soluble. As recently as 2021, Congress considered (but did not enact) legislation that would have created a national database of officer misconduct.232 States could do the same thing, perhaps under the leadership of the attorney general or POST board. State or federal law could mandate background checks before hiring, offering grants or assistance in kind to resource-strapped departments. And state legislation could immunize from tort liability agencies that provide references about their current or past employees, as Florida law already does.233 Finally, states should repeal LEOBOR provisions that bury evidence of officer misconduct. The typical justification for this position—with which we agree—is that expungement reduces the deterrent effect of administrative sanctions. It also tends to obscure officer quality, raising the risk to the next potential employer and creating a drag on mobility for good officers as well as bad.

230 See Grunwald & Rappaport, supra note 1, at 1696–97 (describing the national database and its limitations).
231 See id. at 1695, 1697.
To be sure, if officer misbehavior is more transparent, officers might begin to value job security to an even greater degree out of concern they’ll never find another job if they lose their current one. Yet if everyone’s record appears imperfect, perhaps minor imperfections will not be enough to prevent an officer from being hired by a different agency. As with the other suggestions we offer, it is difficult to know with certainty which equilibrium will develop. That, however, augurs in favor of some amount of experimentation, or at least closer empirical study.

C. National or State-Level Standardization and Training

Policing scholars have long bemoaned the excessive decentralization of American law enforcement. Most countries, even large ones, have a single police force, or maybe a handful; the United States has nearly 18,000. As noted, with decentralization comes incredible variation in agency policies, protocols, and even data collection and management. Procedures as simple as the forms officers fill out when they use force or make an arrest vary at the local level. Some of these local variations are surely warranted by circumstance—different environments and challenges call for different police approaches—but it’s hard to believe that greater standardization isn’t possible.

While there are other downsides to the lack of standard agency practices, the crucial point here is that extreme local variation heightens the importance of—and the friction created by—employees’ firm-specific knowledge. An officer who moves laterally must learn not only a new set of street corners and alleyways, but also new policies and paperwork. This extends the time needed to acclimate to the new job, making the prospect of a lateral transfer less appealing to prospective employer and employee alike.

An array of policy responses—of increasing intensity—could reduce this source of friction. State attorneys general could promulgate model policies and forms and encourage localities to adopt them, perhaps with grants to help smooth the transition. The state legislature could regulate local law enforcement more directly, or empower the attorney general to do the same, as in New Jersey’s unique approach. Or the federal government could do many of the same things. It should not escape notice that thousands of local agencies report crime data to the FBI in a single, consistent format, while data on use of force, stop and frisk, personnel, and disciplinary matters remains a mess, as agencies labor under myriad policies and collect data in myriad ways. Location will always matter in policing, but greater standardization would let mobile officers focus on what really counts.

Similarly, state and national governments could play a greater role in training and educating police officers. As we explained above, firms can be reluctant to invest

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236 See New Jersey Criminal Justice Act of 1970, N.J. STAT. ANN. §§ 52:17B-98, -117 (West 2023) (regarding the Attorney General as the “chief law enforcement officer of the State” and empowering him or her to maintain “general supervision over . . . county prosecutors.”).
significant resources in training if they fear their employees will leave and use their newly acquired skills elsewhere. In the context of policing, this means that if labor mobility increases in response to some of the other reforms discussed, agencies may grow reluctant to spend on training officers who might depart shortly thereafter. If this comes to pass, states and the national government could pick up the slack. Given that laterally mobile officers are likely to stay in state, states should internalize the benefits of training officers working within their borders. And of course the federal government should reap the benefits of training officers working anywhere in the United States, given their propensity to continue working within the country. For that matter, states and the federal government could begin providing more funding to local law enforcement units generally, particularly in a manner that reduces disparities in officer salaries between wealthier and less wealthy jurisdictions. This could help ameliorate the risk of reverse-assortative matching by reducing the flow of high-quality officers to agencies that are able to pay higher salaries. These are not roles states and the federal government have had to play to a great extent thus far, given low levels of police labor mobility. But in a world in which restrictions on mobility are relaxed, training and resources provided at the state and federal levels may become more critical.

CONCLUSION

In 1967, the President’s Commission on Law Enforcement and Administration of Justice published a report titled “The Challenge of Crime in a Free Society.” The Commission’s task was to evaluate the operation of police in deterring and preventing crime and to suggest how law enforcement might operate more efficaciously and equitably. Among the problems the Commission diagnosed was the lack of lateral movement by police officers:

Most police departments today do not permit “lateral entry” into command or staff positions by officers from other departments, or by civilians. This is partly because of civil service regulations that have rigid promotion and prior residence provisions, partly because police pension rights are not movable from department to department, partly because of a traditional police resistance to “outsiders.” One consequence is that America’s police personnel are virtually frozen into the departments in which they started. An officer whose special skills are in oversupply in his own department cannot move to a department where those skills are in demand. An officer who seeks to improve his situation by moving from a small department where opportunities for advancement are few to a large department where they are numerous cannot do it, nor can a city officer who would like to work in a small community follow his inclinations. A department that cannot fill

237 See supra Part III.A.1.
238 See supra Part I.B.
239 Many states and the federal government already perform this function with respect to public schools.
important jobs adequately from its own ranks is precluded from seeking experienced officers elsewhere.\textsuperscript{240}

The Commission’s recommendation was straightforward:

Personnel ... should be selected for their talents and abilities without regard to prior police service. Professional policemen should have the same opportunities as other professionals to seek employment where they are most needed. The inhibitions that civil service regulations, retirement plans and hiring policies place on lateral entry should be removed. To encourage lateral movement of police personnel, a nationwide retirement system should be devised that permits the transferring of retirement credits.\textsuperscript{241}

As our empirical findings demonstrate, the Commission’s report describes the world today as well as it did the landscape of fifty-five years ago. And as our normative analysis suggests, the Commission’s position ought to be taken seriously. That said, the question is not as straightforward as the Commission seemed to suppose. While limited police labor mobility entails potentially serious social costs, it generates benefits as well, and it’s difficult to be confident about the net effects. Empirical research on this point would be valuable.

If policymakers conclude that opening up the lateral labor market for police would be a positive development, the solutions are not complex. The problem, in many cases, is that they would require overcoming collective action problems and inflict short-term pain on state and local budgets. This suggests a significant role for the federal government, both as coordinator of interstate cooperation and as a funding source. In theory, all parties involved—federal, state, and local governments; police officers; and the citizens themselves—should favor measures that will improve the job satisfaction of police officers, the nature of agency culture, and, consequently, the quality of American policing.

\textsuperscript{240} \textsc{President's Comm'n on L. Enf't & Admin. of Just.}, \textit{The Challenge of Crime in a Free Society} 111 (1967), https://www.ojp.gov/pdfiles1/Digitization/42NCJRS.pdf.

\textsuperscript{241} \textit{Id.} at 112.
APPENDIX

Figure A.1: Comparing officer counts from the Illinois Law Enforcement Training and Standards Board (ILETSB) and the Annual Survey of Public Employment & Payroll (ASPEP)

Figure A2: Fraction of officers leaving their agency each year in Florida, by number of years on the job
Figure A3: Fraction of officers voluntarily leaving their agency each year in Florida, by number of years on the job

Figure A4: Distribution of changes in salaries for officers who voluntarily change agencies in Florida
Figure A5: Fraction of officers (log) who voluntarily separated in 2018 in Florida, by agency size

Table A1: Percentage of officers who worked in 1, 2, 3 or 4+ agencies in Florida

<table>
<thead>
<tr>
<th>Number of agencies</th>
<th>% of officers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>68.8</td>
</tr>
<tr>
<td>2</td>
<td>24.1</td>
</tr>
<tr>
<td>3</td>
<td>5.7</td>
</tr>
<tr>
<td>4+</td>
<td>1.4</td>
</tr>
<tr>
<td>Total</td>
<td>100.0</td>
</tr>
<tr>
<td>Observations</td>
<td>82900</td>
</tr>
<tr>
<td></td>
<td>All</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Still working</td>
<td>0.57</td>
</tr>
<tr>
<td>Left</td>
<td>0.40</td>
</tr>
<tr>
<td>Fired</td>
<td>0.10</td>
</tr>
<tr>
<td>Left FL</td>
<td>0.36</td>
</tr>
<tr>
<td>New job in FL</td>
<td>0.07</td>
</tr>
<tr>
<td>Observations</td>
<td>1166</td>
</tr>
</tbody>
</table>

Electronic copy available at: https://ssrn.com/abstract=4517525
DATA APPENDIX

Data source. We obtained data from the Illinois Law Enforcement Training and Standards Board (ILETSB) in March of 2021. The quality of the data improves with time, and we describe below how this affected our analyses. ILETSB’s data are organized into the following four datasets. We describe the variables that we use in our analyses from each of these datasets:

- **Officers**: List of all licensed Illinois police officers, including ILETSB ID, name, race, sex, education, and date of birth.
- **Form ES**: Changes in employment status with an agency. These include:
  - Starting or leaving a position
  - Switching from full-time to part-time work
  - Changing ranks
  - Changing names or any other sociodemographic information
  For each status change, we observe the event date as well the officer’s ILETSB ID, name, rank, race, sex, education, employment type (part-time or full-time), agency, and agency type (e.g., law enforcement, corrections, court security).
- **Employment History**: Information on start date and, when applicable, separation date and reason for each employment stint worked by any licensed officer at an Illinois agency. This dataset is organized at the person-agency level.
- **Agencies**: List of all Illinois law enforcement agencies, including address and date when agency data was last updated.

Data cleaning. We applied several restrictions to our data.

- We limited our sample to law enforcement agencies. That is, we dropped, for example, correctional and court security agencies that are also covered by ILETSB but are not the subject of our study.
- We dropped all agencies that were disbanded at some point during our observation period. This represented only 17 agencies out of 1,327 in our sample.
- We limited our sample to municipal and county agencies. Specifically, we dropped specialized police agencies, such as those at schools, universities, parks, airports, and railroads.
- We also limited our sample to officers whose first job was in 2000 or later. Before 2000, some agencies did not report reliable date information for employment stints.
  - For our analyses on officer rank, we have also run analyses (not included in the paper) further restricting our sample to officers who began working no later than 2008, when, according to ILETSB personnel, rank data improved. Our results are qualitatively similar for this smaller sample.
- Lastly, we dropped the roughly 10% of officers who only ever worked part-time. We also dropped part-time stints at agencies at which an officer never worked full-time.

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The following table presents demographic characteristics of police officers in our main sample:

<table>
<thead>
<tr>
<th>Race and ethnicity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>White, non-Hispanic</td>
<td>71%</td>
</tr>
<tr>
<td>Black</td>
<td>11%</td>
</tr>
<tr>
<td>White Hispanic</td>
<td>16%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sex and age</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>17%</td>
</tr>
<tr>
<td>Average age at first job</td>
<td>28</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Education</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>High School or less</td>
<td>13%</td>
</tr>
<tr>
<td>Some College</td>
<td>20%</td>
</tr>
<tr>
<td>Associate’s Degree</td>
<td>18%</td>
</tr>
<tr>
<td>Bachelor’s Degree or more</td>
<td>42%</td>
</tr>
</tbody>
</table>

| Sample size                      | 30,095 |

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