

## APPENDIX

### Summary of Empirical Findings on Prison Privatization

Study	Setting	Research Design, Data Collection, and Data Analysis	Overall Findings
<b><u>Cost</u></b>			
Archambeault & Deis (1997/1998)	LA; 1991-95	Comparing the per-inmate costs of 2 private and 1 state prisons; Agency records; Descriptive analysis	Private cost less
Bayer & Pozen (2005)	FL; 1997-99	Comparing the per-inmate costs of 17 for-profit, 64 nonprofit, 21 state, and 9 county juvenile facilities; Agency records; Inferential analysis w/ multivariate OLS regression	Private cost less; but increased recidivism
Crants (1991)	FL, NM, TN, & TX; 1983-88	Comparing the per-inmate costs before and after privatization in 9 correctional facilities; Agency records; Descriptive analysis	Private cost less
Levinson (1985)	FL; n.a.	Comparing the per-inmate costs of 1 non-profit private and 1 public juvenile facilities; Agency records; Descriptive analysis	Inconclusive
Logan & McGriff (1989)	TN; 1985-88	Comparing the per-inmate cost of a private prison with the estimated cost if operated by county; Agency records; Descriptive analysis	Private cost less
McDonald (1990)	CA, AZ, TX, MA, FL, & NY; 1981-89	Comparing the per-inmate costs of 5 private and 7 public alien detention facilities; Agency records; Descriptive analysis	Private cost less
Pratt & Winston (1999)	U.S. states; 1992-93	Comparing the per-inmate costs of 2,126 private and 635 public juvenile facilities; Agency records; Inferential analysis w/ OLS regression	Private low-security facilities only cost less
Sellers (1989)	NJ, PA, & TN; 1985-86	Comparing the per-inmate costs of 3 private and 3 public prisons; Agency records; Descriptive analysis	Private cost less
Thomas (1997)	AZ; 1995-96	Comparing the per-inmate costs of 1 private and 15 public facilities; Agency records; Descriptive analysis	Private cost less
Urban Institute (1989)	KY & MA; 1887-88	Comparing the per-inmate costs of 3 private and 3 public prisons; Agency records; Descriptive analysis	Inconclusive

### **Quality**

Archambeault & Deis (1997/1998)	LA; 1995	Comparing 2 private and 1 state prisons across 7 quality measures; Agency records; Descriptive analysis	Private quality better
Armstrong & MacKenzie (2003)	U.S. States; 1998	Comparing 16 private and 32 public juvenile facilities across 13 quality measures; Inmate and facility surveys; Inferential analysis w/ HLM	Inconclusive w/ no sig. difference
Austin & Coventry (2001)	U.S. States; 1995-97	Comparing 65 private and 1,500 public prisons across numerous quality measures; Facility survey; Descriptive analysis	Inconclusive; Differ across quality measures
Bacak & Ridgeway (2018)	U.S. States; 2005	Comparing 360 private and 1,030 public prisons across 3 health quality measures; Facility survey; Inferential analysis w/ propensity score matching and DR estimation	Private quality worse in 1 of 3 measures
Brakel (1988)	TN; 1984	Comparing a private prison with other public prison in which 20 inmates had previously served across 16 quality measures (N=102); Inmate survey; Qualitative analysis	Private quality better
Burkhardt & Jones (2016)	U.S. States and Federal; 1990-05	Comparing court orders and consent decrees among private and public prisons (N=1,196-1,489); Facility survey; Inferential analysis w/ multivariate logistic regression	Inconclusive
Camp & Gaes (2002)	U.S. Federal; 1989-99	Comparing 91 private and public prisons across 5 quality measures; Facility survey; Descriptive analysis	Private quality worse
Camp, Gaes, Klein-Saffran et al. (2002)	U.S. Federal; 2000	Comparing 1 private and 3 public prisons across 16 quality measures; Inmate survey; Inferential analysis w/ HLM	Inconclusive; Differ across quality measures
Camp et al (2002)	U.S. Federal; 1998-99	Comparing 1 private and 3 public prisons across 4 management quality measures; Staff survey; Inferential analysis w/ HLM and ANOVA)	Inconclusive; Differ across quality measures
Levinson (1985)	FL; n.a.	Comparing 1 non-profit private and 1 public juvenile facilities w/ multiple quality measures; Staff survey, agency records, and observations; Descriptive analysis	Private quality worse
Logan (1992)	NM; 1989-89	Comparing 1 profit and 2 public female prisons across 8 quality dimensions (333 measures); Institutional records and surveys of staff and inmates; Descriptive analysis	Private quality better

Logan (1996)	NM; n.a.	Comparing 1 private and 2 public female prisons across 21 management quality measures; Staff survey, agency records, & observations; Descriptive analysis	Private quality better
Lukemeyer & McCorkle (2006)	U.S. States and Federal; 1995	Comparing 18 private and 855 public prisons across 3 order measures; Facility survey; Inferential analysis w/ multivariate probit regression	Private quality better in some measures
Makarios & Maahs (2012)	U.S. States & Federal; 2000	Comparing 105 private, 80 federal, and 944 state prisons across 15 quality measures; facility survey; Inferential analysis w/ multivariate OLS and logistic regressions	Inconclusive; Differ across quality measures
Sellers (1989)	NJ, PA, & TN; 1985-86	Comparing the availability of treatment between 3 private and 3 public prisons; Agency records; Descriptive analysis	Private quality better
Thomas (1997)	AZ; 1995-96	Comparing 1 private and 15 public facilities across 24 quality measures; Agency records; Descriptive analysis	Private quality better
Urban Institute (1989)	KY & MA; 1887-88	Comparing 3 private and 3 public prisons across 131 (MA) - 191 (KY) quality measures; Surveys of inmates and staff, interviews, agency records, & observations; Descriptive analysis	Private quality better
Yazzie (2011)	U.S. states; 1992-93	Comparing the availability of treatment between 2196 private and 1037 public juvenile facilities across 10 quality measures; Facility survey; Inferential analysis w/ Chi-square tests	Inconclusive; Differ across quality measures

### **Recidivism**

Bales et al. (2005)	FL; 1995-01	Comparing recidivism for 81,737 inmates with multiple IV/DV measures; Agency records; Inferential analysis w/ multivariate Cox regression and propensity score matching	Inconclusive; No sig. differences
Bayer & Pozen (2005)	FL; 1997-99	Comparing 1,115 for-profit private, 4,825 non-profit private, 1,853 public prison releases w/ multiple DV measures; Agency records; Inferential analysis w/ multivariate OLS regression	Private Recidivism Higher
Duwe & Clark (2013)	MN; 2007-09	Comparing 1,766 pairs of private and public prison releases w/ multiple IV/DV measures; Agency records; Inferential analysis w/ multivariate Cox regression and propensity score matching	Private Recidivism Higher
Lanza-Kauce et al. (1999)	FL; 1996	Comparing 198 pairs of private and public releases w/ multiple DV measures; Agency records; Inferential analysis w/ nonparametric statistical tests and survival analysis	Private Recidivism Lower

Mukherjee (2017)	MS; 1996-13	Comparing 5,144 private and 21,449 public releases; Agency records; Inferential analysis w/ OLS, matching, and instrumental variable regressions	Inconclusive; No sig. differences
Powers et al. (2017)	CO; 2008-12	Comparing 2,024 private and 4,078 public prison releases w/ multiple DV measures; Agency records; Inferential analysis w/ propensity score matching and survival analyses	Private Recidivism Higher
Spivak & Sharp (2008)	OK; 1997-01	Comparing 3,802 private and 19,312 public prison releases w/ multiple IV/DV measures; Agency records; Inferential analysis w/ multivariate survival analysis	Private Recidivism Higher
Fretz et al. (2004)	NJ; 2004-06	Comparing 177 private and 400 public prison releases w/ multiple DV measures; Agency records; Descriptive analysis	Private Recidivism Lower
Heilbrun et al. 2008	NJ; 2004-06	Comparing 176 private and 241 public prison releases of female offenders w/ multiple DV measures; Agency records; Inferential analysis (t-tests)	Private Recidivism Lower

### **Non-Profit Privatization**

Bayer & Pozen (2005)	FL; 1997-99	Comparing the per-inmate costs of 17 for-profit, 64 nonprofit, 21 state, and 9 county juvenile facilities; Agency records; Inferential analysis w/ multivariate OLS regression	Private cost less; but increased recidivism
Bayer & Pozen (2005)	FL; 1997-99	Comparing 1,115 for-profit private, 4,825 non-profit private, 1,853 public prison releases w/ multiple DV measures; Agency records; Inferential analysis w/ multivariate OLS regression	Private Recidivism Higher
Levinson (1985)	FL; n.a.	Comparing 1 non-profit private and 1 public juvenile facilities w/ multiple quality measures; Staff survey, agency records, and observations; Descriptive analysis	Private quality worse
Levinson (1985)	FL; n.a.	Comparing the per-inmate costs of 1 non-profit private and 1 public juvenile facilities; Agency records; Descriptive analysis	Inconclusive

### **System-Wide Improvement**

Blumstein et al. (2007)	U.S. States; 1996-04	Examining the impact of prison privatization on the cost per inmate in public prisons; Facility survey & government reports; Inferential analysis w/ panel data regression	Reduced cost
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Burkhardt (2018)	U.S. States; 2000-05	Examining the impact of prison privatization on quality of public confinement (safety, order, activity, and conditions); Facility survey; Inferential analysis w/ difference in difference panel data regression	Inconclusive; No sig. differences
Dippel & Poyker (2018)	U.S. States (13); 1980-17	Examining the impact of prison privatization on sentencing; Agency records/Facility survey; Inferential analysis w/ panel data regression	Increased sentence length
Galinato & Rohla (2018)	U.S. States; 1998-08	Examining the impact of prison privatization on incarceration rates in public prisons; Government reports; Inferential analysis w/ instrumental variables regression	Increased incarceration likelihood

### **Economic Development**

Genter et al. (2013)	U.S. Counties; 1997-04	Examining the impact of private prisons on employment growth; Government reports; Inferential analysis w/ multivariate logistic regression	Negative effects
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### **Determinants of Privatization**

Burkhardt (2016)	U.S. States; 1990-05	Examining the impact of correctional, economic, & political factors on high- and low-security privatization; Facility survey; Inferential analysis w/ multivariate multinomial logistic regression	Political and economic factors (sig.) for high-security privatization only
Gunderson (2017)	U.S. states; 1983-12	Examining the impact of political and economic determinants on privatization; Various data sources; Inferential analysis w/ multivariate Cox and OLS regressions	Union membership (sig)
Gunderson (2018)	U.S. states, federal, & local; 1986-16	Examining the impact of inmate litigation on privatization; Agency records; Inferential analysis w/ 2 stage least squares regression	Legal pressure (sig.)
Kim & Price (2014)	U.S. states; 1999-06	Examining the impact of correctional and political factors on privatization in 34 states w/ private prisoners; Government reports; Inferential analysis w/ multivariate generalized estimating equation regression	Once privatization laws were adopted, subsequent decisions were driven by correctional pressures.

Nicholson-Crotty (2004)	U.S. states; 1987-98	Examining the impact of political, economic, and legal factors at different decision-making points; Government reports; Inferential analysis w/ multivariate Cox regression	Political factors (sig.) at legislative level; Economic factors (sig.) at administrative level.
Price et al. (2009)	U.S. states; 2004-06	Examining the impact of race/ethnicity and demographics on privatization; Government reports; Inferential statistics w/ OLS regression	Race and living costs (sig.)
Price & Riccucci (2005)	U.S. states; 1990	Examining the impact of political and fiscal factors on privatization; Government reports; Inferential analysis w/ OLS regression	Political factors (sig.)

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