

# TWFE HPPD Results — Levels & Logs (Split Tables)

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## With Anticipation — Level Outcomes (RN, LPN, CNA, Total)

	RN (1)	LPN (2)	CNA (3)	Total (4)
Treatment	-0.0290*** (0.0051)	0.0023 (0.0061)	-0.0446*** (0.0095)	-0.0713*** (0.0136)
Government	-0.0022 (0.0082)	-0.0171* (0.0095)	-0.0263* (0.0158)	-0.0456** (0.0200)
Non-profit	0.0163 (0.0121)	0.0024 (0.0130)	0.0421* (0.0214)	0.0608* (0.0310)
Chain	0.0015 (0.0046)	-0.0144** (0.0057)	-0.0410*** (0.0090)	-0.0540*** (0.0128)
Beds	-0.0008*** (0.0002)	-0.0001 (0.0001)	-0.0009*** (0.0003)	-0.0018*** (0.0004)
Occupancy rate	-0.0025*** (0.0002)	-0.0033*** (0.0002)	-0.0040*** (0.0003)	-0.0098*** (0.0005)
% Medicare	0.0012* (0.0007)	0.0013*** (0.0003)	0.0010** (0.0005)	0.0035*** (0.0010)
% Medicaid	$-8.78 \times 10^{-6}$ ( $9.74 \times 10^{-5}$ )	-0.0002* (0.0001)	-0.0007*** (0.0002)	-0.0009*** (0.0003)
Case-mix Q2 (state)	-0.0047 (0.0031)	-0.0002 (0.0022)	0.0062 (0.0044)	0.0013 (0.0071)
Case-mix Q3 (state)	-0.0055 (0.0068)	0.0038 (0.0027)	0.0245*** (0.0058)	0.0228** (0.0113)
Case-mix Q4 (state)	-0.0107 (0.0201)	0.0152*** (0.0034)	0.0370*** (0.0077)	0.0415* (0.0241)
Observations	638,048	638,048	638,048	638,048
R <sup>2</sup>	0.03706	0.43667	0.21965	0.09237

**With Anticipation — Log Outcomes (Log RN, Log LPN, Log CNA, Log Total)**

	Log RN (1)	Log LPN (2)	Log CNA (3)	Log Total (4)
Treatment	-0.0835*** (0.0157)	0.0048 (0.0087)	-0.0233*** (0.0051)	-0.0212*** (0.0044)
Government	0.0112 (0.0296)	-0.0198 (0.0153)	-0.0285*** (0.0103)	-0.0209*** (0.0073)
Non-profit	0.0671** (0.0294)	-0.0148 (0.0246)	0.0194* (0.0106)	0.0202** (0.0098)
Chain	0.0152 (0.0131)	-0.0085 (0.0079)	-0.0180*** (0.0045)	-0.0122*** (0.0039)
Beds	-0.0007*** (0.0002)	0.0003 (0.0003)	-0.0003** (0.0001)	-0.0004*** (0.0001)
Occupancy rate	-0.0038*** (0.0003)	-0.0034*** (0.0002)	-0.0015*** (0.0001)	-0.0024*** (0.0001)
% Medicare	0.0037*** (0.0005)	0.0010** (0.0004)	0.0002 (0.0002)	0.0009*** (0.0002)
% Medicaid	0.0002 (0.0002)	-0.0005*** (0.0002)	-0.0003*** ( $8.7 \times 10^{-5}$ )	-0.0003*** ( $7.47 \times 10^{-5}$ )
Case-mix Q2 (state)	0.0100** (0.0050)	0.0088*** (0.0032)	0.0091*** (0.0018)	0.0078*** (0.0016)
Case-mix Q3 (state)	0.0220*** (0.0062)	0.0167*** (0.0037)	0.0210*** (0.0023)	0.0180*** (0.0020)
Case-mix Q4 (state)	0.0400*** (0.0076)	0.0310*** (0.0045)	0.0282*** (0.0029)	0.0282*** (0.0026)
Observations	631,246	632,179	637,034	637,425
R <sup>2</sup>	0.69053	0.66221	0.62501	0.62729

Excluding Anticipation — Level Outcomes (RN, LPN, CNA, Total)

	RN (1)	LPN (2)	CNA (3)	Total (4)
Treatment	-0.0318*** (0.0057)	-0.0009 (0.0067)	-0.0527*** (0.0103)	-0.0853*** (0.0147)
Government	-0.0040 (0.0086)	-0.0171* (0.0097)	-0.0288* (0.0162)	-0.0499** (0.0202)
Non-profit	0.0143 (0.0125)	0.0042 (0.0132)	0.0418* (0.0219)	0.0603* (0.0318)
Chain	0.0005 (0.0048)	-0.0167*** (0.0060)	-0.0436*** (0.0092)	-0.0598*** (0.0132)
Beds	-0.0008*** (0.0002)	-0.0001 (0.0001)	-0.0008*** (0.0003)	-0.0017*** (0.0004)
Occupancy rate	-0.0025*** (0.0002)	-0.0033*** (0.0002)	-0.0040*** (0.0003)	-0.0099*** (0.0005)
% Medicare	0.0013* (0.0008)	0.0013*** (0.0003)	0.0010** (0.0005)	0.0036*** (0.0010)
% Medicaid	$-1.08 \times 10^{-5}$ ( $9.88 \times 10^{-5}$ )	-0.0002* (0.0001)	-0.0007*** (0.0002)	-0.0009*** (0.0003)
Case-mix Q2 (state)	-0.0049 (0.0031)	$-5.95 \times 10^{-5}$ (0.0022)	0.0059 (0.0044)	0.0009 (0.0072)
Case-mix Q3 (state)	-0.0056 (0.0069)	0.0036 (0.0027)	0.0239*** (0.0058)	0.0220* (0.0114)
Case-mix Q4 (state)	-0.0109 (0.0203)	0.0152*** (0.0034)	0.0366*** (0.0078)	0.0409* (0.0245)
Observations	629,587	629,587	629,587	629,587
R <sup>2</sup>	0.03692	0.43649	0.21858	0.09190

**Excluding Anticipation — Log Outcomes (Log RN, Log LPN, Log CNA, Log Total)**

	Log RN (1)	Log LPN (2)	Log CNA (3)	Log Total (4)
Treatment	-0.0933*** (0.0171)	0.0021 (0.0097)	-0.0266*** (0.0054)	-0.0251*** (0.0047)
Government	0.0007 (0.0303)	-0.0200 (0.0158)	-0.0311*** (0.0106)	-0.0222*** (0.0074)
Non-profit	0.0623** (0.0299)	-0.0128 (0.0253)	0.0186* (0.0104)	0.0198** (0.0097)
Chain	0.0120 (0.0135)	-0.0101 (0.0081)	-0.0185*** (0.0046)	-0.0137*** (0.0039)
Beds	-0.0007*** (0.0002)	0.0003 (0.0003)	-0.0003** (0.0001)	-0.0004*** (0.0001)
Occupancy rate	-0.0038*** (0.0003)	-0.0034*** (0.0002)	-0.0015*** (0.0001)	-0.0024*** (0.0001)
% Medicare	0.0037*** (0.0005)	0.0010*** (0.0004)	0.0002 (0.0002)	0.0009*** (0.0002)
% Medicaid	0.0002 (0.0002)	-0.0005*** (0.0002)	-0.0003*** ( $8.71 \times 10^{-5}$ )	-0.0003*** ( $7.51 \times 10^{-5}$ )
Case-mix Q2 (state)	0.0096* (0.0050)	0.0091*** (0.0032)	0.0089*** (0.0018)	0.0077*** (0.0016)
Case-mix Q3 (state)	0.0222*** (0.0062)	0.0165*** (0.0037)	0.0207*** (0.0023)	0.0180*** (0.0020)
Case-mix Q4 (state)	0.0403*** (0.0076)	0.0312*** (0.0045)	0.0279*** (0.0029)	0.0281*** (0.0026)
Observations	623,012	623,851	628,674	629,057
R <sup>2</sup>	0.69221	0.66427	0.63014	0.63544