



```

name: <unnamed>
log: /gpfs/home/azc211/ny_mergers/logs/hcup_outcomes_hhi_hosp_20190409.smcl
log type: smcl
opened on: 9 Apr 2019, 12:55:57

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1 .
2 . quietly {
3 . . . dropping all hosp-years with less than 80 discharges . . .
* * *
* * * Model specifications * * *
xtset ahaid year
xtreg outcome hhi_hosp i.year total_enroll_log , fe vce(cluster cnty)
* * *
* * * DISCHARGES * * *

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Discharges (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
> NoCharge	b/se	b/se	b/se	b/se
> b/se				
hhi_hosp	-0.22	-0.96*	0.58	0.25
> 1.70	(0.17)	(0.38)	(0.39)	(0.64)
> (3.03)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.05***	-0.06*	-0.04*	0.02
> 0.07	(0.01)	(0.03)	(0.01)	(0.04)
> (0.23)				
year=2008	-0.02	0.00	-0.06**	-0.02
> -0.28	(0.01)	(0.03)	(0.02)	(0.04)
> (0.32)				
year=2009	-0.04	-0.00	-0.05	-0.10
> 0.16	(0.02)	(0.03)	(0.02)	(0.07)
> (0.31)				
year=2010	-0.05	-0.02	-0.09*	-0.20*
> -0.30	(0.04)	(0.05)	(0.04)	(0.08)
> (0.43)				
year=2011	-0.05	-0.03	-0.07	-0.31**
> -0.54	(0.05)	(0.05)	(0.06)	(0.11)
> (0.55)				
year=2012	-0.08	-0.10	-0.11	-0.35*
> -0.47	(0.06)	(0.07)	(0.07)	(0.15)
> (0.90)				
total_enroll_log	0.04	0.63**	-0.41	-0.16
> 0.58	(0.18)	(0.19)	(0.25)	(0.52)
> (3.97)				
Constant	7.58**	-1.24	13.18***	7.78
> -6.48	(2.56)	(2.70)	(3.46)	(7.32)
> (60.24)				

* p<0.05, ** p<0.01, *** p<0.001

Discharges (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	-0.04	-0.16***	0.22**	0.04
> -0.01	(0.06)	(0.05)	(0.07)	(0.03)
> (0.03)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.00	-0.01*	0.00	0.01***
> 0.00	(0.00)	(0.00)	(0.00)	(0.00)
> (0.00)				
year=2008	0.00	-0.00	-0.01*	0.01
> -0.00	(0.00)	(0.00)	(0.00)	(0.00)
> (0.00)				
year=2009	-0.00	0.01**	-0.01	-0.01
> -0.00	(0.00)	(0.00)	(0.01)	(0.00)
> (0.00)				
year=2010	-0.00	0.02***	-0.01	-0.02***
> -0.01	(0.01)	(0.00)	(0.01)	(0.00)
> (0.01)				
year=2011	0.00	0.03***	-0.01	-0.04***
> -0.01	(0.01)	(0.01)	(0.01)	(0.01)
> (0.01)				
year=2012	0.00	0.03***	-0.01	-0.05***
> -0.01	(0.01)	(0.01)	(0.01)	(0.01)
> (0.01)				
total_enroll_log	0.04	-0.02	-0.10**	0.10**
> 0.05	(0.03)	(0.03)	(0.04)	(0.04)
> (0.04)				
Constant	-0.08	0.51	1.67**	-1.35*
> -0.69	(0.45)	(0.45)	(0.50)	(0.51)
> (0.58)				

* p<0.05, ** p<0.01, *** p<0.001

* * * DISCHARGES BY MAJOR DIAGNOSTIC CATEGORY * * *

4 . . . Log Discharges of Major Diagnositc Categories . . .

MDC: Nervous System (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	-0.21	-0.59	0.12	0.83
> -0.81	(0.34)	(0.30)	(0.52)	(0.61)
> (1.68)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				

year=2007	-0.07***	-0.01	-0.04	0.11*
> 0.13				
	(0.02)	(0.04)	(0.03)	(0.05)
> (0.29)				
year=2008	-0.02	0.06	-0.05	0.03
> 0.01				
	(0.02)	(0.04)	(0.03)	(0.04)
> (0.32)				
year=2009	-0.03	0.01	-0.08	-0.01
> 0.08				
	(0.03)	(0.05)	(0.04)	(0.06)
> (0.27)				
year=2010	-0.06	0.00	-0.13	-0.14
> -0.16				
	(0.06)	(0.07)	(0.07)	(0.09)
> (0.27)				
year=2011	-0.09	-0.01	-0.14	-0.24
> -0.60				
	(0.07)	(0.08)	(0.09)	(0.12)
> (0.36)				
year=2012	-0.12	-0.17	-0.20	-0.27
> -0.39				
	(0.09)	(0.11)	(0.12)	(0.15)
> (0.48)				
total_enroll_log	-0.02	0.94**	-0.29	0.22
> 1.75				
	(0.26)	(0.35)	(0.34)	(0.62)
> (2.58)				
Constant	5.71	-9.24	8.41	-0.87
> -25.53				
	(3.58)	(4.89)	(4.74)	(8.71)
> (39.11)				

* p<0.05, ** p<0.01, *** p<0.001

MDC: Respiratory System (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
> NoCharge	b/se	b/se	b/se	b/se
> b/se				
hhi_hosp	-0.27	-1.11*	1.38**	0.58
> -0.47				
	(0.24)	(0.53)	(0.45)	(0.55)
> (1.37)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.06***	-0.06	-0.05*	0.07*
> -0.14				
	(0.01)	(0.04)	(0.02)	(0.04)
> (0.19)				
year=2008	-0.00	0.01	-0.03	0.10*
> 0.01				
	(0.01)	(0.03)	(0.03)	(0.04)
> (0.24)				
year=2009	-0.05*	0.05	0.02	0.03
> 0.17				
	(0.02)	(0.04)	(0.03)	(0.05)
> (0.23)				
year=2010	-0.11**	-0.05	-0.12**	-0.24***
> -0.08				
	(0.04)	(0.04)	(0.05)	(0.06)
> (0.36)				
year=2011	-0.09	-0.04	-0.09	-0.29**
> -0.28				
	(0.05)	(0.05)	(0.05)	(0.09)

>	(0.52)				
year=2012		-0.13*	-0.11	-0.18**	-0.37**
>	0.00				
		(0.06)	(0.06)	(0.07)	(0.12)
>	(0.73)				
total_enroll_log		0.20	0.71***	-0.18	0.54
>	-1.17				
		(0.20)	(0.19)	(0.24)	(0.42)
>	(2.82)				
Constant		3.43	-4.91	6.99*	-4.85
>	19.14				
		(2.79)	(2.73)	(3.39)	(5.95)
>	(42.88)				

* p<0.05, ** p<0.01, *** p<0.001

MDC: Ciculatory System (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
> NoCharge				
	b/se	b/se	b/se	b/se
> b/se				
hhi_hosp	-0.20	-0.63	0.34	0.42
> 0.33	(0.24)	(0.44)	(0.47)	(0.61)
> (1.45)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.07***	-0.02	-0.03	0.05
> -0.11	(0.02)	(0.04)	(0.03)	(0.04)
> (0.22)				
year=2008	-0.07***	0.03	-0.08*	-0.05
> -0.12	(0.02)	(0.04)	(0.03)	(0.05)
> (0.29)				
year=2009	-0.14***	-0.04	-0.13***	-0.09
> -0.07	(0.03)	(0.04)	(0.04)	(0.07)
> (0.27)				
year=2010	-0.19**	-0.08	-0.23**	-0.23**
> -0.36	(0.06)	(0.07)	(0.07)	(0.08)
> (0.36)				
year=2011	-0.27***	-0.19*	-0.32**	-0.35***
> -0.55	(0.07)	(0.09)	(0.10)	(0.09)
> (0.55)				
year=2012	-0.33***	-0.34**	-0.40**	-0.45***
> -0.56	(0.09)	(0.12)	(0.13)	(0.11)
> (0.81)				
total_enroll_log	0.09	0.81	-0.38	-0.04
> 0.63	(0.28)	(0.45)	(0.44)	(0.37)
> (2.94)				
Constant	5.33	-6.57	10.66	3.93
> -8.20	(3.92)	(6.34)	(6.09)	(5.17)
> (44.65)				

* p<0.05, ** p<0.01, *** p<0.001

MDC: Digestive System (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	-0.22	-0.24	0.51	0.68
> -1.50	(0.23)	(0.48)	(0.37)	(0.69)
> (2.17)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.06**	-0.09*	-0.06**	-0.04
> 0.08	(0.02)	(0.04)	(0.02)	(0.05)
> (0.22)				
year=2008	-0.09***	-0.03	-0.12***	-0.02
> -0.04	(0.02)	(0.04)	(0.03)	(0.05)
> (0.21)				
year=2009	-0.08*	-0.01	-0.08**	-0.08
> 0.20	(0.03)	(0.04)	(0.03)	(0.06)
> (0.19)				
year=2010	-0.08	-0.05	-0.15**	-0.14
> -0.25	(0.04)	(0.06)	(0.04)	(0.08)
> (0.35)				
year=2011	-0.07	-0.09	-0.14**	-0.23*
> -0.35	(0.05)	(0.07)	(0.05)	(0.09)
> (0.45)				
year=2012	-0.13*	-0.17*	-0.17*	-0.27*
> -0.51	(0.06)	(0.08)	(0.08)	(0.12)
> (0.66)				
total_enroll_log	0.00	1.06***	-0.33	-0.14
> 1.07	(0.24)	(0.21)	(0.28)	(0.45)
> (2.65)				
Constant	5.77	-10.48***	9.79*	5.08
> -14.59	(3.43)	(3.02)	(3.99)	(6.32)
> (39.99)				

* p<0.05, ** p<0.01, *** p<0.001

MDC: Musculoskeletal System (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	-0.45	-1.27**	-0.66	0.21
> -0.05	(0.32)	(0.39)	(0.52)	(0.59)
> (1.45)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.04	0.01	-0.06	0.05
> 0.21				

	(0.02)	(0.04)	(0.03)	(0.04)
> (0.29)				
year=2008	-0.04	0.08	-0.05	0.02
> 0.04				
	(0.02)	(0.04)	(0.03)	(0.04)
> (0.22)				
year=2009	-0.02	0.04	-0.06	-0.05
> 0.01				
	(0.04)	(0.05)	(0.03)	(0.06)
> (0.28)				
year=2010	-0.03	0.00	-0.09	-0.11
> -0.15				
	(0.07)	(0.06)	(0.06)	(0.10)
> (0.41)				
year=2011	-0.05	0.02	-0.12	-0.21
> -0.44				
	(0.09)	(0.08)	(0.08)	(0.14)
> (0.53)				
year=2012	-0.07	-0.08	-0.16	-0.23
> -0.55				
	(0.11)	(0.10)	(0.10)	(0.18)
> (0.71)				
total_enroll_log	0.05	1.11**	-0.08	-0.18
> 2.04				
	(0.33)	(0.35)	(0.33)	(0.57)
> (2.88)				
Constant	5.00	-11.63*	6.22	4.90
> -30.17				
	(4.56)	(4.89)	(4.71)	(7.93)
> (43.54)				

* p<0.05, ** p<0.01, *** p<0.001

MDC: Newborn (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
	b/se	b/se	b/se	b/se
> NoCharge				
> b/se				
hhi_hosp	0.26	-2.42	-0.94	-0.01
> 2.24				
	(0.58)	(1.65)	(1.71)	(1.18)
> (3.32)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.01	-0.07*	-0.04	0.05
> 0.11				
	(0.04)	(0.03)	(0.02)	(0.06)
> (0.26)				
year=2008	-0.07	0.01	-0.01	0.08
> -0.25				
	(0.05)	(0.04)	(0.05)	(0.06)
> (0.34)				
year=2009	0.09	0.01	-0.01	-0.03
> 0.14				
	(0.08)	(0.04)	(0.06)	(0.08)
> (0.23)				
year=2010	-0.02	-0.03	-0.05	-0.16
> 0.10				
	(0.07)	(0.08)	(0.10)	(0.15)
> (0.32)				
year=2011	-0.05	0.01	0.01	-0.24
> 0.14				
	(0.10)	(0.12)	(0.13)	(0.22)
> (0.31)				
year=2012	0.00	-0.11	-0.07	-0.34

>	0.15				
		(0.14)	(0.15)	(0.17)	(0.29)
>	(0.41)				
total_enroll_log	-0.67	0.17	-0.60	-0.26	
>	-0.20				
		(0.58)	(0.62)	(0.68)	(1.23)
>	(2.68)				
Constant	9.59	3.21	13.23	6.45	
>	2.71				
		(8.11)	(8.93)	(9.83)	(17.20)
>	(40.86)				

* p<0.05, ** p<0.01, *** p<0.001

MDC: Mental Health (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
> NoCharge	b/se	b/se	b/se	b/se
> b/se				
hhi_hosp	0.15	-0.31	0.36	0.18
> 0.77	(0.57)	(0.85)	(0.93)	(0.56)
> (1.15)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.05	-0.09**	0.00	0.02
> 0.12	(0.03)	(0.03)	(0.04)	(0.05)
> (0.21)				
year=2008	-0.01	0.00	-0.01	-0.01
> -0.00	(0.04)	(0.03)	(0.05)	(0.05)
> (0.16)				
year=2009	0.01	-0.02	0.08	0.04
> -0.12	(0.06)	(0.06)	(0.05)	(0.07)
> (0.29)				
year=2010	-0.06	0.01	0.06	0.00
> -0.32	(0.10)	(0.08)	(0.06)	(0.08)
> (0.37)				
year=2011	-0.08	0.02	0.10	-0.07
> -0.63	(0.13)	(0.11)	(0.09)	(0.11)
> (0.56)				
year=2012	-0.16	-0.08	0.11	-0.12
> -1.01	(0.17)	(0.15)	(0.13)	(0.14)
> (0.89)				
total_enroll_log	0.36	0.51	-0.63	-0.57
> 2.52	(0.51)	(0.51)	(0.41)	(0.51)
> (2.51)				
Constant	-1.09	-3.35	11.90*	10.42
> -37.79	(7.12)	(7.16)	(5.77)	(7.16)
> (38.21)				

* p<0.05, ** p<0.01, *** p<0.001

MDC: Alcohol/Drug Abuse (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	0.54	-0.65	0.85	0.48
> 3.17	(0.45)	(0.49)	(0.51)	(0.56)
> (1.91)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.06	-0.09*	-0.05	-0.01
> -0.10	(0.04)	(0.04)	(0.04)	(0.06)
> (0.17)				
year=2008	0.01	-0.01	-0.04	-0.03
> 0.02	(0.04)	(0.05)	(0.04)	(0.06)
> (0.16)				
year=2009	0.03	0.02	-0.01	-0.03
> 0.12	(0.04)	(0.06)	(0.04)	(0.07)
> (0.20)				
year=2010	0.12	0.07	0.01	-0.04
> -0.23	(0.06)	(0.09)	(0.06)	(0.09)
> (0.35)				
year=2011	0.08	0.03	0.12	-0.15
> -0.38	(0.08)	(0.10)	(0.08)	(0.13)
> (0.48)				
year=2012	0.20*	0.01	0.13	-0.13
> -0.59	(0.08)	(0.11)	(0.10)	(0.18)
> (0.60)				
total_enroll_log	-0.33	0.79*	-0.50	-0.81
> 0.53	(0.25)	(0.35)	(0.30)	(0.54)
> (2.37)				
Constant	7.31*	-7.21	9.68*	13.92
> -8.50	(3.45)	(4.84)	(4.26)	(7.53)
> (35.78)				

* p<0.05, ** p<0.01, *** p<0.001

MDC: HIV (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	-0.20	0.17	0.93*	0.10
> 0.74	(0.33)	(0.39)	(0.45)	(0.30)
> (0.48)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.00	-0.10**	-0.04	-0.01
> -0.06				

>	(0.06)	(0.06)	(0.04)	(0.04)	(0.05)
year=2008	-0.00	-0.18***	-0.04	0.05	
>	-0.12	(0.05)	(0.05)	(0.04)	(0.04)
>	(0.08)	0.04	-0.28***	-0.10*	-0.02
year=2009	-0.16	(0.05)	(0.05)	(0.04)	(0.05)
>	(0.14)	0.04	-0.31***	-0.12	-0.05
year=2010	-0.35	(0.07)	(0.06)	(0.07)	(0.05)
>	(0.30)	0.05	-0.35***	-0.18*	-0.16
year=2011	-0.56	(0.09)	(0.07)	(0.08)	(0.08)
>	(0.48)	0.00	-0.39***	-0.16*	-0.28**
year=2012	-0.84	(0.10)	(0.09)	(0.08)	(0.10)
>	(0.68)	-0.36	0.30	0.09	0.02
total_enroll_log	1.91	(0.32)	(0.25)	(0.26)	(0.32)
>	(1.72)	6.49	-2.34	-0.51	0.36
Constant	-29.06	(4.41)	(3.56)	(3.73)	(4.49)
>	(26.19)				

* p<0.05, ** p<0.01, *** p<0.001

5 . . . Proportions of Discharges of Major Diagnostic Categories . . .

MDC: Nervous System (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
> NoCharge	b/se	b/se	b/se	b/se
> b/se				
hhi_hosp	-0.019	-0.067	0.018	0.078**
> -0.039	(0.101)	(0.045)	(0.098)	(0.029)
> (0.046)	0.000	0.000	0.000	0.000
year=2006	0.000	(.)	(.)	(.)
> (.)	-0.013*	0.002	-0.001	0.009**
year=2007	0.001	(0.005)	(0.004)	(0.004)
>	(0.003)	-0.004	0.003	-0.006
year=2008	-0.001	(0.005)	(0.004)	(0.005)
>	(0.002)	0.004	-0.014*	-0.001
year=2009	-0.005	(0.007)	(0.006)	(0.002)
>	(0.004)	0.007	-0.013	-0.007*
year=2010	-0.007	(0.010)	(0.005)	(0.009)
>	(0.006)	0.009	0.020*	-0.017
year=2011	-0.013	(0.012)	(0.008)	(0.009)
>	(0.009)			

year=2012	0.027	0.008	-0.019	-0.024**
> -0.010				
	(0.018)	(0.009)	(0.014)	(0.008)
> (0.009)				
total_enroll_log	-0.028	0.028	-0.058	0.052
> 0.044				
	(0.044)	(0.030)	(0.035)	(0.027)
> (0.033)				
Constant	0.953	-0.235	1.051*	-0.721
> -0.648				
	(0.628)	(0.432)	(0.487)	(0.376)
> (0.488)				

* p<0.05, ** p<0.01, *** p<0.001

MDC: Respiratory System (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
> NoCharge	b/se	b/se	b/se	b/se
> b/se				
hhi_hosp	-0.156	-0.135**	0.295***	0.044
> -0.029				
	(0.082)	(0.039)	(0.071)	(0.024)
> (0.032)				
year=2006	0.000	0.000	0.000	0.000
> 0.000				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.004	-0.007	0.002	0.008***
> -0.001				
	(0.004)	(0.005)	(0.003)	(0.002)
> (0.002)				
year=2008	0.001	-0.004	-0.004	0.006**
> -0.000				
	(0.005)	(0.005)	(0.003)	(0.002)
> (0.002)				
year=2009	-0.022***	0.011*	0.009	-0.002
> -0.001				
	(0.005)	(0.004)	(0.005)	(0.002)
> (0.004)				
year=2010	-0.005	0.014*	-0.001	-0.014***
> -0.006				
	(0.008)	(0.005)	(0.008)	(0.003)
> (0.006)				
year=2011	-0.005	0.028**	0.001	-0.031***
> -0.010				
	(0.011)	(0.010)	(0.009)	(0.009)
> (0.010)				
year=2012	0.003	0.034*	-0.007	-0.039***
> -0.007				
	(0.013)	(0.015)	(0.009)	(0.011)
> (0.012)				
total_enroll_log	0.019	-0.038	-0.078*	0.098**
> 0.026				
	(0.042)	(0.044)	(0.030)	(0.032)
> (0.032)				
Constant	0.370	0.745	1.183**	-1.358**
> -0.372				
	(0.587)	(0.630)	(0.426)	(0.453)
> (0.484)				

* p<0.05, ** p<0.01, *** p<0.001

MDC: Ciculatory System (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	-0.041	-0.061	0.124	-0.005
> -0.008	(0.085)	(0.037)	(0.069)	(0.033)
> (0.024)				
year=2006	0.000	0.000	0.000	0.000
> 0.000	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.010*	-0.000	0.003	0.006**
> 0.000	(0.004)	(0.002)	(0.004)	(0.002)
> (0.001)				
year=2008	-0.006	0.004	-0.002	0.003
> 0.000	(0.004)	(0.003)	(0.005)	(0.002)
> (0.002)				
year=2009	-0.010*	0.004	0.001	0.001
> -0.000	(0.005)	(0.003)	(0.006)	(0.002)
> (0.001)				
year=2010	-0.005	0.015*	-0.008	-0.005
> -0.005	(0.009)	(0.007)	(0.007)	(0.003)
> (0.004)				
year=2011	0.006	0.014*	-0.008	-0.018**
> -0.010	(0.011)	(0.006)	(0.010)	(0.006)
> (0.009)				
year=2012	0.013	0.013	-0.010	-0.022*
> -0.012	(0.013)	(0.009)	(0.012)	(0.008)
> (0.011)				
total_enroll_log	0.033	0.008	-0.094*	0.052*
> 0.035	(0.042)	(0.026)	(0.039)	(0.023)
> (0.034)				
Constant	0.163	0.017	1.493**	-0.688*
> -0.531	(0.594)	(0.364)	(0.541)	(0.325)
> (0.512)				

* p<0.05, ** p<0.01, *** p<0.001

MDC: Digestive System (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	-0.071	-0.085	0.168	0.003
> -0.032	(0.094)	(0.067)	(0.087)	(0.050)
> (0.044)				
year=2006	0.000	0.000	0.000	0.000
> 0.000	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.001	-0.008	0.001	0.004
> -0.002				

	(0.004)	(0.005)	(0.004)	(0.003)
> (0.002)				
year=2008	0.001	0.000	-0.010*	0.004
> -0.001	(0.005)	(0.004)	(0.004)	(0.003)
> (0.002)				
year=2009	-0.007	0.008*	-0.000	-0.004
> -0.001	(0.005)	(0.003)	(0.006)	(0.003)
> (0.006)				
year=2010	0.005	0.011*	-0.011	-0.010
> -0.010	(0.007)	(0.005)	(0.008)	(0.005)
> (0.008)				
year=2011	0.016*	0.021*	-0.016	-0.029***
> -0.013	(0.007)	(0.008)	(0.009)	(0.008)
> (0.013)				
year=2012	0.005	0.025**	-0.007	-0.031**
> -0.014	(0.010)	(0.009)	(0.013)	(0.010)
> (0.015)				
total_enroll_log	0.016	0.024	-0.101**	0.070*
> 0.040	(0.031)	(0.026)	(0.036)	(0.033)
> (0.042)				
Constant	0.266	-0.153	1.662**	-0.922
> -0.593	(0.437)	(0.376)	(0.503)	(0.462)
> (0.625)				

* p<0.05, ** p<0.01, *** p<0.001

MDC: Musculoskeletal System (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
> NoCharge	b/se	b/se	b/se	b/se
> b/se				

hhi_hosp	0.195	-0.122**	0.015	-0.019
> 0.010	(0.109)	(0.044)	(0.084)	(0.037)
> (0.014)				
year=2006	0.000	0.000	0.000	0.000
> 0.000	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.005	-0.002	-0.001	0.008**
> 0.002	(0.004)	(0.002)	(0.004)	(0.003)
> (0.002)				
year=2008	-0.006	0.001	-0.000	0.003
> -0.000	(0.007)	(0.003)	(0.008)	(0.003)
> (0.001)				
year=2009	0.001	0.004	-0.006	-0.001
> -0.003	(0.009)	(0.004)	(0.008)	(0.003)
> (0.003)				
year=2010	0.001	0.009	-0.009	-0.006
> -0.007	(0.011)	(0.005)	(0.009)	(0.004)
> (0.007)				
year=2011	0.001	0.017**	-0.010	-0.013
> -0.017	(0.011)	(0.006)	(0.011)	(0.010)
> (0.012)				
year=2012	0.005	0.023	-0.014	-0.021*

>	-0.018				
		(0.016)	(0.012)	(0.014)	(0.010)
>	(0.014)				
total_enroll_log	0.001	-0.003	-0.052	0.044	
>	0.051				
		(0.050)	(0.025)	(0.046)	(0.028)
>	(0.040)				
Constant	0.450	0.188	0.993	-0.572	
>	-0.765				
		(0.712)	(0.356)	(0.645)	(0.401)
>	(0.608)				

* p<0.05, ** p<0.01, *** p<0.001

MDC: Newborn (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
> NoCharge	b/se	b/se	b/se	b/se
> b/se				
hhi_hosp	-0.003	-0.907***	0.813**	0.164
>	0.081**			
	(0.013)	(0.221)	(0.249)	(0.104)
>	(0.022)			
year=2006	0.000	0.000	0.000	0.000
>	0.000			
	(.)	(.)	(.)	(.)
>	(.)			
year=2007	-0.000	-0.020	-0.009	0.029***
>	-0.001			
	(0.002)	(0.013)	(0.011)	(0.008)
>	(0.001)			
year=2008	-0.002	0.003	-0.027*	0.024**
>	-0.003			
	(0.001)	(0.011)	(0.011)	(0.008)
>	(0.002)			
year=2009	0.000	0.030	-0.031	-0.005
>	-0.002			
	(0.001)	(0.015)	(0.015)	(0.010)
>	(0.001)			
year=2010	0.000	0.055*	-0.034	-0.030*
>	-0.002			
	(0.001)	(0.023)	(0.022)	(0.013)
>	(0.002)			
year=2011	0.001	0.103**	-0.029	-0.087**
>	-0.003			
	(0.002)	(0.037)	(0.023)	(0.032)
>	(0.002)			
year=2012	0.003	0.117*	-0.025	-0.112**
>	-0.003			
	(0.002)	(0.047)	(0.028)	(0.039)
>	(0.002)			
total_enroll_log	-0.020	-0.146	-0.126	0.299*
>	0.003			
	(0.010)	(0.130)	(0.068)	(0.114)
>	(0.010)			
Constant	0.281	2.868	1.908	-4.213*
>	-0.072			
	(0.145)	(1.879)	(0.979)	(1.626)
>	(0.161)			

* p<0.05, ** p<0.01, *** p<0.001

MDC: Mental Health (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	-0.090	-0.132	0.190	0.057
> 0.014	(0.182)	(0.100)	(0.165)	(0.042)
> (0.044)				
year=2006	0.000	0.000	0.000	0.000
> 0.000	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.009	-0.023*	0.010	0.004
> 0.004	(0.013)	(0.009)	(0.011)	(0.004)
> (0.004)				
year=2008	0.009	-0.004	-0.003	-0.003
> -0.001	(0.013)	(0.008)	(0.010)	(0.004)
> (0.004)				
year=2009	-0.002	-0.009	0.007	-0.005
> -0.003	(0.016)	(0.008)	(0.012)	(0.006)
> (0.006)				
year=2010	-0.006	0.002	0.008	-0.009
> -0.015	(0.016)	(0.010)	(0.013)	(0.009)
> (0.013)				
year=2011	0.000	0.005	0.008	-0.018*
> -0.033	(0.017)	(0.011)	(0.011)	(0.008)
> (0.029)				
year=2012	-0.008	-0.006	0.019	-0.021
> -0.039	(0.021)	(0.013)	(0.014)	(0.010)
> (0.036)				
total_enroll_log	0.096	0.068	-0.130*	-0.030
> 0.105	(0.065)	(0.050)	(0.051)	(0.039)
> (0.112)				
Constant	-0.882	-0.618	1.942**	0.463
> -1.582	(0.908)	(0.710)	(0.711)	(0.542)
> (1.696)				

* p<0.05, ** p<0.01, *** p<0.001

MDC: Alcohol/Drug Abuse (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	0.115	-0.469**	0.032	0.172
> 0.007	(0.260)	(0.156)	(0.137)	(0.178)
> (0.040)				
year=2006	0.000	0.000	0.000	0.000
> 0.000	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.005	-0.005	0.005	0.001
> 0.001				

	(0.013)	(0.010)	(0.011)	(0.012)
> (0.005)				
year=2008	0.009	0.021	-0.007	-0.021
> 0.000				
	(0.011)	(0.015)	(0.009)	(0.013)
> (0.003)				
year=2009	0.011	0.011	-0.001	-0.019
> 0.003				
	(0.010)	(0.014)	(0.011)	(0.014)
> (0.004)				
year=2010	0.007	0.019	-0.010	-0.014
> -0.005				
	(0.017)	(0.019)	(0.012)	(0.017)
> (0.005)				
year=2011	-0.012	0.014	0.030	-0.034
> -0.010				
	(0.019)	(0.023)	(0.019)	(0.019)
> (0.007)				
year=2012	0.014	0.005	0.006	-0.030
> -0.009				
	(0.014)	(0.028)	(0.019)	(0.022)
> (0.008)				
total_enroll_log	0.020	0.230**	-0.063	-0.182**
> 0.023				
	(0.036)	(0.084)	(0.049)	(0.067)
> (0.025)				
Constant	-0.139	-2.656*	1.105	2.660**
> -0.340				
	(0.536)	(1.161)	(0.697)	(0.956)
> (0.375)				

* p<0.05, ** p<0.01, *** p<0.001

MDC: HIV (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
	b/se	b/se	b/se	b/se
> NoCharge				
> b/se				
hhi_hosp	-0.499	0.102	0.519	-0.081
> 0.064*				
	(0.379)	(0.347)	(0.343)	(0.290)
> (0.026)				
year=2006	0.000	0.000	0.000	0.000
> 0.000				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.041	-0.039	-0.001	-0.001
> -0.004				
	(0.027)	(0.026)	(0.026)	(0.019)
> (0.003)				
year=2008	0.031	-0.064*	0.010	0.026
> -0.010				
	(0.020)	(0.025)	(0.026)	(0.020)
> (0.007)				
year=2009	0.101***	-0.117***	0.004	0.007
> -0.007				
	(0.026)	(0.031)	(0.025)	(0.017)
> (0.007)				
year=2010	0.098**	-0.117***	-0.009	0.040
> -0.024				
	(0.031)	(0.033)	(0.031)	(0.026)
> (0.022)				
year=2011	0.104**	-0.094*	-0.011	0.028
> -0.045				
	(0.033)	(0.045)	(0.036)	(0.026)
> (0.039)				
year=2012	0.059	-0.102	0.016	0.028

>	-0.059				
		(0.040)	(0.052)	(0.041)	(0.035)
>	(0.050)				
total_enroll_log	-0.010	0.177	-0.041	-0.152	
>	0.141				
		(0.112)	(0.125)	(0.109)	(0.092)
>	(0.128)				
Constant	0.535	-2.090	0.567	2.313	
>	-2.188				
		(1.683)	(1.851)	(1.571)	(1.369)
>	(1.987)				

* p<0.05, ** p<0.01, *** p<0.001

6 .
7 .
8 . *****
9 . * Log close
10. log close
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