STaTa®
Statistics/Data Analysis

```
           name:  <unnamed>
            log:  /gpfs/scratch/azc211/ny_mergers/logs/hcup_outcomes_hhi_hosp_20190330.smcl
       log type:  smcl
      opened on:  30 Mar 2019, 18:25:57

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 [aweight=discharges_year], fe vce(clust
  > er cnty)
  * * *
  * * * DISCHARGES * * *
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Discharges (log counts)

	NoCharge b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
hhi_hosp	1.27	−0.22	−0.96*	0.58	0.26
	(3.27)	(0.17)	(0.38)	(0.39)	(0.64)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	0.05	−0.06***	−0.06*	−0.04*	0.03
	(0.25)	(0.01)	(0.03)	(0.02)	(0.04)
year=2008	−0.29	−0.02	0.00	−0.06**	−0.02
	(0.33)	(0.01)	(0.03)	(0.02)	(0.04)
year=2009	0.37	−0.04	−0.00	−0.05	−0.09
	(0.28)	(0.02)	(0.03)	(0.03)	(0.07)
year=2010	−0.03	−0.05	−0.02	−0.09*	−0.20*
	(0.40)	(0.04)	(0.05)	(0.04)	(0.08)
year=2011	0.05	−0.05	−0.03	−0.08	−0.31*
	(0.38)	(0.05)	(0.06)	(0.06)	(0.11)
year=2012	0.47	−0.08	−0.10	−0.11	−0.35*
	(0.55)	(0.06)	(0.07)	(0.08)	(0.15)
total_enroll_log	−1.71	0.02	0.62**	−0.40	−0.15
	(3.31)	(0.19)	(0.20)	(0.26)	(0.54)
Constant	28.03	7.88**	−1.13	12.95***	7.65
	(49.36)	(2.68)	(2.80)	(3.57)	(7.55)

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

Discharges (proportions)

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se	NoCharge b/se
hhi_hosp	-0.04	-0.16***	0.22**	0.04	-0.02
	(0.06)	(0.05)	(0.07)	(0.03)	(0.02)
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	-0.00	0.00
	(0.00)	(0.00)	(0.01)	(0.00)	(0.00)
year=2010	0.00	0.02***	-0.01	-0.02***	-0.00
	(0.01)	(0.00)	(0.01)	(0.00)	(0.00)
year=2011	0.00	0.03***	-0.01	-0.04***	-0.00
	(0.01)	(0.01)	(0.01)	(0.01)	(0.00)
year=2012	0.01	0.03**	-0.01	-0.04***	0.00
	(0.01)	(0.01)	(0.01)	(0.01)	(0.00)
total_enroll_log	0.03	-0.01	-0.10**	0.10*	0.00
	(0.03)	(0.03)	(0.04)	(0.04)	(0.01)
Constant	0.02	0.42	1.58**	-1.31*	-0.06
	(0.47)	(0.45)	(0.51)	(0.52)	(0.16)

* $p<0.05$, ** $p<0.01$, *** $p<0.001$
* * * SERVICE UTILIZATIONS * * *
4 **. . . Medicaid associated services . . .**

Service Util: Emergency Department (log counts)

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se	NoCharge b/se
hhi_hosp	-1.78**	-1.63*	0.29	0.02	1.51
	(0.67)	(0.65)	(0.71)	(0.56)	(2.01)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)

	NoCharge	Medicare	Medicaid	PrivIns	SelfPay
year=2007	0.32	-0.15*	-0.10	-0.09	-0.03
	(0.30)	(0.06)	(0.06)	(0.05)	(0.08)
year=2008	0.02	0.03	0.08	0.02	0.05
	(0.38)	(0.07)	(0.06)	(0.07)	(0.08)
year=2009	0.77**	0.21	0.25*	0.17	0.11
	(0.26)	(0.15)	(0.11)	(0.13)	(0.15)
year=2010	0.39	0.51	0.49	0.36	0.21
	(0.38)	(0.26)	(0.25)	(0.24)	(0.23)
year=2011	0.27	0.76*	0.71*	0.56	0.28
	(0.37)	(0.35)	(0.35)	(0.33)	(0.32)
year=2012	0.88	0.90*	0.73	0.61	0.33
	(0.54)	(0.42)	(0.42)	(0.40)	(0.37)
total_enroll_log	-2.49	-2.64*	-1.47	-2.28	-1.90
	(3.51)	(1.27)	(1.28)	(1.22)	(1.08)
Constant	38.79	44.89*	27.34	38.34*	31.57*
	(52.46)	(17.73)	(17.95)	(17.04)	(15.14)

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

Service Util: Mental Health/Substance Abuse (log counts)

	NoCharge	Medicare	Medicaid	PrivIns	SelfPay
	b/se	b/se	b/se	b/se	b/se
hhi_hosp	2.80*	-0.14	-0.69	-0.21	-0.02
	(1.06)	(0.74)	(1.09)	(0.83)	(0.87)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	-0.19	-0.08*	-0.08	-0.07	-0.00
	(0.27)	(0.03)	(0.04)	(0.04)	(0.05)
year=2008	0.02	-0.01	-0.06	0.03	0.02
	(0.17)	(0.04)	(0.05)	(0.06)	(0.05)
year=2009	0.02	0.02	-0.05	0.06	0.01
	(0.22)	(0.05)	(0.07)	(0.06)	(0.07)
year=2010	-0.07	0.07	-0.05	0.04	-0.00
	(0.24)	(0.06)	(0.10)	(0.07)	(0.08)
year=2011	-0.23	0.08	-0.09	0.12	-0.10
		(0.07)	(0.11)	(0.08)	(0.12)

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se	NoCharge b/se
	(0.27)				
year=2012	0.07	-0.17	0.12	-0.16	-0.30
	(0.10)	(0.13)	(0.11)	(0.16)	(0.27)
total_enroll_log	-0.47	0.78	-0.52	-0.77	0.44
	(0.33)	(0.39)	(0.38)	(0.60)	(0.92)
Constant	10.55*	-6.23	11.12*	13.85	-6.73
	(4.70)	(5.57)	(5.41)	(8.43)	(13.81)

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

Service Util: Newborn (log counts)

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se	NoCharge b/se
hhi_hosp	0.18	-0.19	0.45	0.85*	0.97
	(0.23)	(0.46)	(0.50)	(0.36)	(1.04)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	-0.00	-0.09**	-0.06*	0.09*	0.28
	(0.02)	(0.03)	(0.03)	(0.04)	(0.18)
year=2008	0.01	-0.04	-0.06	0.07	0.20
	(0.03)	(0.03)	(0.04)	(0.04)	(0.16)
year=2009	0.05	0.04	-0.00	-0.03	0.26
	(0.03)	(0.03)	(0.03)	(0.05)	(0.20)
year=2010	0.02	0.11	0.08	-0.15	0.21
	(0.03)	(0.06)	(0.07)	(0.09)	(0.17)
year=2011	0.01	0.19	0.12	-0.29	0.20
	(0.06)	(0.11)	(0.11)	(0.16)	(0.20)
year=2012	0.03	0.21	0.12	-0.38	0.08
	(0.07)	(0.13)	(0.14)	(0.23)	(0.16)
total_enroll_log	-0.27	-0.30	-0.52	0.78	0.23
	(0.30)	(0.40)	(0.44)	(0.76)	(0.79)
Constant	3.77	6.31	9.07	-10.33	-3.93
	(4.17)	(5.73)	(6.23)	(10.65)	(11.69)

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

5 . . . **Private insurance associated services** . . .

Service Util: Cardiac Cath. Lab (log counts)

	NoCharge b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
hhi_hosp	-0.28	-0.50	-0.58*	-0.27	0.08
	(0.33)	(0.32)	(0.27)	(0.41)	(0.24)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	0.10	-0.02	0.02	-0.06	0.06
	(0.15)	(0.04)	(0.04)	(0.04)	(0.03)
year=2008	0.08	-0.02	0.04	-0.02	0.05
	(0.14)	(0.05)	(0.04)	(0.04)	(0.03)
year=2009	0.05	-0.09	-0.02	-0.09	-0.02
	(0.15)	(0.07)	(0.05)	(0.04)	(0.06)
year=2010	0.07	-0.13	-0.08	-0.10	-0.11
	(0.18)	(0.10)	(0.10)	(0.08)	(0.08)
year=2011	0.00	-0.18	-0.12	-0.17	-0.15
	(0.17)	(0.12)	(0.12)	(0.11)	(0.10)
year=2012	-0.03	-0.20	-0.20	-0.17	-0.21
	(0.18)	(0.15)	(0.15)	(0.14)	(0.12)
total_enroll_log	0.60	0.51	0.92	0.14	0.61
	(0.52)	(0.70)	(0.68)	(0.67)	(0.38)
Constant	-8.53	-4.28	-10.67	0.54	-7.24
	(7.87)	(9.81)	(9.42)	(9.35)	(5.22)

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

Service Util: Nuclear Medicine (log counts)

	NoCharge b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
hhi_hosp	1.49	-0.05	-0.07	0.80	0.77
	(1.01)	(0.32)	(0.35)	(0.45)	(0.40)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)

	NoCharge b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
year=2007	-0.13	-0.08***	-0.06	-0.03	0.02
	(0.13)	(0.02)	(0.04)	(0.03)	(0.05)
year=2008	-0.35	-0.09**	-0.01	-0.07*	0.02
	(0.28)	(0.03)	(0.04)	(0.03)	(0.05)
year=2009	0.15	-0.11*	-0.04	-0.07	-0.03
	(0.18)	(0.04)	(0.04)	(0.04)	(0.07)
year=2010	-0.08	-0.15**	-0.08	-0.22***	-0.18*
	(0.20)	(0.06)	(0.06)	(0.05)	(0.07)
year=2011	-0.07	-0.14	-0.13	-0.20**	-0.20*
	(0.18)	(0.08)	(0.07)	(0.07)	(0.10)
year=2012	-0.00	-0.18	-0.20*	-0.27**	-0.27
	(0.30)	(0.09)	(0.09)	(0.08)	(0.14)
total_enroll_log	-1.40	-0.33	0.46	-0.39	-0.27
	(1.91)	(0.30)	(0.34)	(0.30)	(0.51)
Constant	21.40	9.73*	-2.87	9.33*	5.88
	(28.54)	(4.20)	(4.75)	(4.26)	(7.06)

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

Service Util: Observation (log counts)

	NoCharge b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
hhi_hosp	-0.42	-0.38	-1.37	-0.48	0.19
	(0.71)	(1.28)	(0.75)	(0.94)	(0.64)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	0.15	0.03	-0.07	-0.04	0.01
	(0.11)	(0.07)	(0.08)	(0.08)	(0.05)
year=2008	0.22	0.21*	0.08	0.05	0.08
	(0.17)	(0.10)	(0.11)	(0.11)	(0.08)
year=2009	0.11	0.23	0.08	0.08	0.06
	(0.11)	(0.14)	(0.13)	(0.15)	(0.08)
year=2010	0.25	0.39	0.16	0.15	0.07
	(0.22)	(0.25)	(0.20)	(0.22)	(0.09)
year=2011	0.25	0.73*	0.21	0.16	0.22
		(0.32)	(0.24)	(0.27)	(0.14)

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
> (0.22)				
year=2012	0.97*	0.31	0.26	0.26
> 0.28				
	(0.41)	(0.29)	(0.32)	(0.17)
> (0.25)				
total_enroll_log	0.95	0.66	1.23	0.13
> -0.10				
	(1.38)	(0.96)	(1.04)	(0.53)
> (0.84)				
Constant	-12.37	-7.84	-15.97	-1.59
> 1.64				
	(19.31)	(13.32)	(14.53)	(7.36)
> (12.56)				

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

Service Util: Organ Acquisition (log counts)

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
> NoCharge b/se				
hhi_hosp	0.03	0.02	0.03	-0.01
> 0.00				
	(0.06)	(0.07)	(0.06)	(0.02)
> (.)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.01	0.01	0.01	-0.02
> 0.00				
	(0.01)	(0.01)	(0.01)	(0.01)
> (.)				
year=2008	-0.01	-0.01	0.01	-0.03**
> 0.00				
	(0.01)	(0.01)	(0.02)	(0.01)
> (.)				
year=2009	-0.01	-0.03	-0.01	-0.01
> 0.00				
	(0.01)	(0.02)	(0.02)	(0.01)
> (.)				
year=2010	-0.00	-0.04	-0.02	0.02
> 0.00				
	(0.02)	(0.03)	(0.03)	(0.03)
> (.)				
year=2011	0.01	-0.02	0.00	0.01
> 0.00				
	(0.02)	(0.03)	(0.04)	(0.02)
> (.)				
year=2012	-0.01	-0.06	-0.01	0.03
> 0.00				
	(0.03)	(0.04)	(0.04)	(0.04)
> (.)				
total_enroll_log	-0.02	0.14	-0.01	-0.12
> 0.00				
	(0.06)	(0.11)	(0.10)	(0.09)
> (.)				
Constant	0.58	-1.76	0.36	1.67
> 0.00				
	(0.83)	(1.57)	(1.38)	(1.30)
> (.)				

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

Service Util: Other implants (log counts)

	NoCharge b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
hhi_hosp	-1.33	-1.08	-1.59**	-0.11	-0.47
	(1.24)	(0.77)	(0.57)	(0.96)	(0.49)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	-0.01	0.00	0.11*	0.02	0.07
	(0.17)	(0.04)	(0.05)	(0.04)	(0.04)
year=2008	-0.04	0.17*	0.32***	0.18**	0.17**
	(0.20)	(0.07)	(0.06)	(0.06)	(0.06)
year=2009	0.31	0.38**	0.45***	0.37**	0.28*
	(0.23)	(0.12)	(0.10)	(0.11)	(0.11)
year=2010	0.15	0.56**	0.64***	0.52**	0.38*
	(0.25)	(0.18)	(0.16)	(0.16)	(0.16)
year=2011	0.23	0.69**	0.77**	0.65**	0.47*
	(0.25)	(0.25)	(0.23)	(0.23)	(0.20)
year=2012	0.51	0.77*	0.78**	0.70*	0.53*
	(0.38)	(0.30)	(0.27)	(0.27)	(0.24)
total_enroll_log	-1.22	-1.04	0.10	-1.14	-1.31
	(2.03)	(0.81)	(0.75)	(0.74)	(0.68)
Constant	19.49	19.46	2.27	20.10	20.64*
	(30.41)	(11.20)	(10.39)	(10.25)	(9.51)

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

Service Util: Radiology/Chemotherapy (log counts)

	NoCharge b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
hhi_hosp	0.33	-0.11	-0.49	-0.06	1.07*
	(0.30)	(0.51)	(0.61)	(0.55)	(0.46)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	0.11	-0.12**	-0.08	-0.12*	-0.08

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
> (0.17)				
year=2008	-0.11**	0.01	-0.12**	-0.00
> -0.07				
	(0.04)	(0.05)	(0.04)	(0.05)
> (0.08)				
year=2009	-0.06	-0.12**	-0.21**	-0.01
> -0.03				
	(0.05)	(0.04)	(0.06)	(0.04)
> (0.08)				
year=2010	-0.07	-0.15**	-0.21*	-0.08
> 0.07				
	(0.08)	(0.06)	(0.08)	(0.06)
> (0.11)				
year=2011	-0.02	-0.19*	-0.24**	-0.12
> 0.20				
	(0.10)	(0.08)	(0.09)	(0.10)
> (0.20)				
year=2012	-0.10	-0.30**	-0.38***	-0.13
> 0.09				
	(0.13)	(0.10)	(0.10)	(0.11)
> (0.10)				
total_enroll_log	-0.80*	0.58	-0.12	-0.25
> -0.68				
	(0.34)	(0.33)	(0.25)	(0.31)
> (0.44)				
Constant	14.03**	-6.01	4.04	3.76
> 10.23				
	(4.76)	(4.74)	(3.55)	(4.36)
> (6.57)				

* p<0.05, ** p<0.01, *** p<0.001
6 **. . . Medicaid services . . .**

Service Util: Emergency Department (proportions)

> NoCharge > b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
hhi_hosp	-0.15*	-0.12*	0.27***	0.05
> -0.05				
	(0.06)	(0.04)	(0.08)	(0.03)
> (0.05)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.01**	-0.00	0.00	0.01**
> 0.00				
	(0.00)	(0.00)	(0.00)	(0.00)
> (0.00)				
year=2008	-0.00	0.00	-0.00	0.00
> -0.00				
	(0.01)	(0.00)	(0.00)	(0.00)
> (0.00)				
year=2009	-0.00	0.01	-0.00	-0.00
> 0.00				
	(0.01)	(0.00)	(0.00)	(0.00)
> (0.00)				
year=2010	0.01	0.01	-0.01	-0.01**
> -0.00				
	(0.01)	(0.01)	(0.01)	(0.00)
> (0.00)				
year=2011	0.02	0.02**	-0.02	-0.03***
> -0.00				
	(0.01)	(0.01)	(0.01)	(0.01)
> (0.00)				

	NoCharge	Medicare	Medicaid	PrivIns	SelfPay
year=2012	0.00	0.04*	0.01	-0.02	-0.04**
	(0.00)	(0.02)	(0.01)	(0.01)	(0.01)
total_enroll_log	0.01	-0.07	0.04	-0.03	0.07*
	(0.02)	(0.05)	(0.03)	(0.04)	(0.03)
Constant	-0.15	1.55*	-0.36	0.57	-0.98*
	(0.30)	(0.69)	(0.36)	(0.50)	(0.47)

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

Service Util: Mental Health/Substance Abuse (proportions)

	NoCharge	Medicare	Medicaid	PrivIns	SelfPay
	b/se	b/se	b/se	b/se	b/se
hhi_hosp	0.02	0.17	-0.21	0.15	-0.10
	(0.01)	(0.22)	(0.16)	(0.13)	(0.17)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	-0.01	-0.01	0.01	-0.00	-0.00
	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
year=2008	-0.00	-0.00	-0.00	0.01	-0.01
	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)
year=2009	-0.00	-0.01	0.01	0.02	-0.01
	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)
year=2010	-0.00	0.00	0.01	0.00	-0.02
	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)
year=2011	-0.01	0.02	-0.02	0.00	-0.01
	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)
year=2012	-0.01	0.02	-0.01	0.01	-0.02
	(0.01)	(0.02)	(0.02)	(0.03)	(0.02)
total_enroll_log	0.02	-0.10	0.24***	-0.03	-0.09
	(0.02)	(0.06)	(0.06)	(0.06)	(0.06)
Constant	-0.32	1.67	-2.92**	0.64	1.46
	(0.29)	(0.86)	(0.89)	(0.85)	(0.88)

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

Service Util: Newborn (proportions)

> NoCharge b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
hhi_hosp				
> 0.01	0.04	-1.10*	0.52	0.55
> (0.01)	(0.06)	(0.51)	(0.46)	(0.31)
year=2006				
> 0.00	0.00	0.00	0.00	0.00
> (.)	(.)	(.)	(.)	(.)
year=2007				
> 0.00	-0.00	-0.03	0.01	0.02**
> (0.00)	(0.00)	(0.02)	(0.02)	(0.01)
year=2008				
> 0.00	-0.00	0.01	-0.03*	0.02
> (0.00)	(0.00)	(0.02)	(0.01)	(0.01)
year=2009				
> 0.00	-0.00	0.04*	-0.03	-0.01
> (0.00)	(0.00)	(0.02)	(0.02)	(0.01)
year=2010				
> 0.00	-0.00	0.06**	-0.01	-0.04***
> (0.00)	(0.00)	(0.02)	(0.02)	(0.01)
year=2011				
> 0.00	-0.00	0.12**	-0.00	-0.11**
> (0.00)	(0.00)	(0.04)	(0.03)	(0.03)
year=2012				
> 0.00	-0.00	0.15**	-0.02	-0.13**
> (0.00)	(0.01)	(0.05)	(0.03)	(0.04)
total_enroll_log				
> -0.00	-0.02	-0.16	-0.18**	0.36**
> (0.01)	(0.02)	(0.13)	(0.06)	(0.12)
Constant				
> 0.04	0.23	3.26	2.99**	-5.47**
> (0.18)	(0.24)	(2.01)	(0.86)	(1.82)

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

7 **. . . Private insurance services . . .**

Service Util: Cardiac Cath. Lab (proportions)

> NoCharge b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
hhi_hosp				
> -0.00	-0.31	-0.15	0.36	0.15**
> (0.01)	(0.23)	(0.08)	(0.20)	(0.05)
year=2006				
> 0.00	0.00	0.00	0.00	0.00
> (.)	(.)	(.)	(.)	(.)
year=2007				
	0.03	-0.02	-0.02	0.01**

	NoCharge b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
	0.00				
	(0.00)	(0.02)	(0.01)	(0.02)	(0.00)
year=2008	0.00	-0.00	-0.01	0.01	0.01*
	(0.00)	(0.03)	(0.01)	(0.03)	(0.01)
year=2009	0.00	0.03	0.01	-0.04*	0.01
	(0.00)	(0.03)	(0.01)	(0.02)	(0.01)
year=2010	0.00	0.03	0.01	-0.02	-0.01
	(0.00)	(0.04)	(0.02)	(0.03)	(0.00)
year=2011	0.00	0.08	0.02	-0.05	-0.02*
	(0.00)	(0.06)	(0.02)	(0.03)	(0.01)
year=2012	-0.00	0.06	0.02	-0.03	-0.02**
	(0.00)	(0.06)	(0.02)	(0.04)	(0.01)
total_enroll_log	0.01	-0.05	-0.04	-0.11	0.08**
	(0.01)	(0.21)	(0.07)	(0.13)	(0.03)
Constant	-0.12	1.35	0.84	1.72	-1.14**
	(0.17)	(3.10)	(1.01)	(1.83)	(0.40)

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

Service Util: Nuclear Medicine (proportions)

	NoCharge b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
hhi_hosp	0.01	-0.30	-0.05	0.26	0.06
	(0.01)	(0.19)	(0.05)	(0.20)	(0.03)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	-0.00	-0.01	0.00	0.01	0.01*
	(0.00)	(0.01)	(0.00)	(0.01)	(0.00)
year=2008	-0.00	-0.01	0.01	0.00	0.00
	(0.00)	(0.01)	(0.00)	(0.01)	(0.00)
year=2009	0.00	-0.02*	0.01	0.01	0.00
	(0.00)	(0.01)	(0.00)	(0.01)	(0.00)
year=2010	-0.00	0.00	0.01*	-0.01	-0.01
	(0.00)	(0.01)	(0.01)	(0.01)	(0.00)
year=2011	-0.00	0.00	0.02*	-0.00	-0.02**
	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)

	Medicare	Medicaid	PrivIns	SelfPay	NoCharge
year=2012	0.01	0.02	-0.01	-0.03**	-0.00
	(0.01)	(0.01)	(0.01)	(0.01)	(0.00)
total_enroll_log	-0.00	0.01	-0.05	0.05*	0.00
	(0.05)	(0.03)	(0.04)	(0.02)	(0.01)
Constant	0.73	0.08	0.90	-0.75*	-0.02
	(0.71)	(0.49)	(0.65)	(0.34)	(0.08)

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

Service Util: Observation (proportions)

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se	NoCharge b/se
hhi_hosp	0.03	-0.36	0.31	0.11	-0.03
	(0.33)	(0.26)	(0.32)	(0.12)	(0.03)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	0.01	-0.02	0.01	-0.00	0.00
	(0.04)	(0.02)	(0.03)	(0.01)	(0.00)
year=2008	0.02	-0.00	-0.05	0.03	0.00
	(0.04)	(0.02)	(0.03)	(0.02)	(0.00)
year=2009	-0.01	-0.04	0.05	-0.01	-0.00
	(0.05)	(0.03)	(0.04)	(0.02)	(0.00)
year=2010	-0.01	-0.07	0.06	-0.02	-0.00
	(0.07)	(0.04)	(0.07)	(0.03)	(0.01)
year=2011	0.08	-0.09*	0.02	-0.03	-0.00
	(0.10)	(0.04)	(0.09)	(0.04)	(0.01)
year=2012	0.08	-0.13**	0.05	-0.04	0.00
	(0.11)	(0.05)	(0.10)	(0.05)	(0.01)
total_enroll_log	0.41	0.30*	-0.65	0.05	0.01
	(0.46)	(0.15)	(0.38)	(0.15)	(0.05)
Constant	-4.94	-3.51	8.62	-0.61	-0.16
	(5.99)	(1.88)	(4.84)	(1.87)	(0.64)

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

Service Util: Organ Acquisition (proportions)

> NoCharge	Medicare	Medicaid	PrivIns	SelfPay
> b/se	b/se	b/se	b/se	b/se
hhi_hosp	-0.26	-0.02	-0.70	0.05
> 0.00	(1.47)	(0.35)	(0.50)	(0.04)
> (.)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.03	0.02	-0.01	-0.00
> 0.00	(0.05)	(0.02)	(0.03)	(0.01)
> (.)				
year=2008	-0.02	0.04	0.03	-0.01*
> 0.00	(0.06)	(0.04)	(0.04)	(0.00)
> (.)				
year=2009	0.12	-0.04	-0.01	-0.01
> 0.00	(0.06)	(0.02)	(0.03)	(0.00)
> (.)				
year=2010	0.16	-0.07	0.00	-0.00
> 0.00	(0.09)	(0.06)	(0.03)	(0.01)
> (.)				
year=2011	0.12	-0.11	0.02	-0.01
> 0.00	(0.09)	(0.08)	(0.04)	(0.00)
> (.)				
year=2012	0.15	-0.16	0.06	-0.00
> 0.00	(0.12)	(0.10)	(0.03)	(0.01)
> (.)				
total_enroll_log	-0.26	0.52	-0.20	-0.01
> 0.00	(0.35)	(0.29)	(0.17)	(0.01)
> (.)				
Constant	4.55	-7.84	3.60	0.14
> 0.00	(5.23)	(4.50)	(2.55)	(0.13)
> (.)				

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

Service Util: Other implants (proportions)

> NoCharge	Medicare	Medicaid	PrivIns	SelfPay
> b/se	b/se	b/se	b/se	b/se
hhi_hosp	-0.11	-0.21*	0.42**	-0.04
> -0.10	(0.16)	(0.10)	(0.15)	(0.05)
> (0.09)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.02*	0.01	0.02	0.00
> -0.00				

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se	NoCharge b/se
	(0.01)	(0.01)	(0.01)	(0.00)	(0.00)
year=2008	-0.02	0.01	0.01	0.00	-0.00
	(0.01)	(0.01)	(0.01)	(0.00)	(0.00)
year=2009	-0.02	0.02*	0.00	-0.00	-0.00
	(0.01)	(0.01)	(0.01)	(0.00)	(0.00)
year=2010	-0.02	0.02*	-0.01	-0.00	-0.01
	(0.02)	(0.01)	(0.02)	(0.01)	(0.01)
year=2011	-0.02	0.03*	-0.01	-0.01	-0.01
	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)
year=2012	-0.02	0.03*	-0.02	-0.01	0.01
	(0.02)	(0.01)	(0.02)	(0.01)	(0.01)
total_enroll_log	0.03	0.03	-0.05	0.01	0.03
	(0.05)	(0.03)	(0.05)	(0.02)	(0.04)
Constant	0.11	-0.19	0.89	-0.14	-0.32
	(0.74)	(0.47)	(0.76)	(0.32)	(0.51)

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

Service Util: Radiology/Chemotherapy (proportions)

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se	NoCharge b/se
hhi_hosp	-0.20	-0.11	0.19	0.13*	0.00
	(0.20)	(0.13)	(0.21)	(0.06)	(0.00)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	0.02	-0.00	0.00	-0.01	0.00
	(0.02)	(0.01)	(0.01)	(0.00)	(0.00)
year=2008	0.01	0.00	-0.00	-0.00	-0.00
	(0.01)	(0.01)	(0.01)	(0.01)	(0.00)
year=2009	0.03*	-0.01	-0.03	0.01	-0.00
	(0.02)	(0.01)	(0.02)	(0.01)	(0.00)
year=2010	0.03	-0.01	-0.02	-0.00	0.00
	(0.02)	(0.02)	(0.02)	(0.01)	(0.00)
year=2011	0.06*	-0.01	-0.04	-0.02	0.00
	(0.03)	(0.02)	(0.02)	(0.01)	(0.00)
year=2012	0.08*	-0.01	-0.04*	-0.03*	

```
>        0.00
                        (0.03)        (0.03)        (0.02)        (0.01)
>       (0.00)
total_enroll_log        -0.13          0.05          0.05          0.05
>       -0.00
                        (0.10)        (0.09)        (0.05)        (0.04)
>       (0.01)
Constant                 2.47         -0.55         -0.46         -0.73
>        0.07
                        (1.46)        (1.26)        (0.77)        (0.57)
>       (0.08)
```
_____
    _____

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

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 8 .
 9 .
10. ******************************************
11. * Log close
12. log close
         name:  <unnamed>
          log:  /gpfs/scratch/azc211/ny_mergers/logs/hcup_outcomes_hhi_hosp_20190330.smcl
     log type:  smcl
    closed on:  30 Mar 2019, 18:26:07
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