STATA

Statistics/Data Analysis

```
      name:  <unnamed>
       log:  /gpfs/scratch/azc211/ny_mergers/logs/hcup_outcomes_hhi_hosp_20190328.smcl
  log type:  smcl
 opened on:  28 Mar 2019, 00:05:03
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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, fe vce(cluster 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	−0.22	−0.99*	0.60	0.27
> 0.82				
	(0.17)	(0.39)	(0.40)	(0.64)
> (2.77)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	−0.06***	−0.07**	−0.03	0.03
> 0.10				
	(0.01)	(0.02)	(0.01)	(0.04)
> (0.21)				
year=2008	−0.02	−0.00	−0.06**	−0.02
> −0.27				
	(0.01)	(0.02)	(0.02)	(0.04)
> (0.32)				
year=2009	−0.04	0.04	−0.08***	−0.10
> 0.31				
	(0.02)	(0.03)	(0.02)	(0.06)
> (0.27)				
year=2010	−0.04	0.07	−0.15***	−0.22***
> −0.21				
	(0.02)	(0.04)	(0.02)	(0.06)
> (0.38)				
year=2011	−0.04	0.10*	−0.16***	−0.34***
> −0.20				
	(0.03)	(0.04)	(0.03)	(0.07)
> (0.50)				
year=2012	−0.07*	0.06	−0.21***	−0.39***
> 0.14				
	(0.03)	(0.05)	(0.04)	(0.07)
> (0.37)				
Constant	8.14***	7.57***	7.38***	5.55***
> 2.37*				
	(0.07)	(0.16)	(0.17)	(0.26)
> (0.95)				

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

Discharges (proportions)

> NoCharge	NoCharge b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
hhi_hosp	-0.01	-0.05	-0.16***	0.22**	0.04
	(0.02)	(0.06)	(0.05)	(0.07)	(0.03)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	0.00	-0.01**	-0.01**	0.00	0.01***
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
year=2008	-0.00	0.00	-0.00	-0.01*	0.00
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
year=2009	0.00	-0.00	0.01*	-0.01***	0.00
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
year=2010	-0.00	0.01	0.01***	-0.03***	-0.00
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
year=2011	-0.00	0.01*	0.03***	-0.03***	-0.02***
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
year=2012	0.00	0.01**	0.03***	-0.03***	-0.02***
	(0.00)	(0.00)	(0.01)	(0.01)	(0.00)
Constant	0.01	0.43***	0.28***	0.21***	0.04**
	(0.01)	(0.02)	(0.02)	(0.03)	(0.01)

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

Service Util: Emergency Department (log counts)

> NoCharge	NoCharge b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
hhi_hosp	0.85	-1.65*	-1.56*	0.41	0.09
	(1.34)	(0.79)	(0.65)	(0.74)	(0.56)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	0.39	-0.08	-0.06	-0.02	0.03
	(0.27)	(0.05)	(0.05)	(0.05)	(0.06)

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se	NoCharge b/se
year=2008	0.05	0.10	0.04	0.07	0.05
	(0.07)	(0.06)	(0.06)	(0.08)	(0.39)
year=2009	0.03	0.15*	0.01	-0.02	0.68*
	(0.09)	(0.07)	(0.08)	(0.09)	(0.30)
year=2010	0.11	0.27**	0.01	-0.08	0.12
	(0.10)	(0.10)	(0.10)	(0.10)	(0.41)
year=2011	0.22*	0.41***	0.09	-0.11	-0.10
	(0.11)	(0.11)	(0.10)	(0.10)	(0.50)
year=2012	0.21	0.35**	0.02	-0.16	0.40
	(0.11)	(0.11)	(0.10)	(0.11)	(0.39)
Constant	8.02***	6.75***	6.48***	4.95***	1.56**
	(0.33)	(0.27)	(0.31)	(0.22)	(0.45)

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

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

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se	NoCharge b/se
hhi_hosp	-0.12	-0.73	-0.18	0.01	2.91**
	(0.77)	(1.13)	(0.94)	(0.99)	(1.05)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	-0.07	-0.10*	-0.05	0.02	-0.20
	(0.04)	(0.04)	(0.04)	(0.05)	(0.25)
year=2008	-0.00	-0.07	0.03	0.03	0.01
	(0.04)	(0.04)	(0.04)	(0.06)	(0.16)
year=2009	-0.01	0.00	0.02	-0.04	0.03
	(0.05)	(0.06)	(0.05)	(0.07)	(0.22)
year=2010	-0.00	0.07	-0.04	-0.12	-0.02
	(0.05)	(0.06)	(0.06)	(0.07)	(0.23)
year=2011	-0.02	0.07	0.01	-0.26***	-0.17
	(0.05)	(0.06)	(0.06)	(0.08)	(0.28)
year=2012	-0.06	0.03	-0.02	-0.36***	-0.21
	(0.06)	(0.07)	(0.07)	(0.09)	(0.27)
Constant	3.98***	4.65***	3.83***	3.14***	-0.17
	(0.33)	(0.48)	(0.40)	(0.41)	

>   (0.38)

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

Service Util: Newborn (log counts)

	NoCharge b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
hhi_hosp	1.03	0.19	-0.18	0.47	0.82*
	(0.95)	(0.25)	(0.44)	(0.47)	(0.36)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	0.27	0.01	-0.08**	-0.05*	0.07*
	(0.18)	(0.02)	(0.03)	(0.02)	(0.03)
year=2008	0.20	0.01	-0.03	-0.05	0.06
	(0.15)	(0.03)	(0.03)	(0.04)	(0.04)
year=2009	0.27	0.03	0.02	-0.04	0.03
	(0.17)	(0.03)	(0.03)	(0.04)	(0.05)
year=2010	0.23	-0.02	0.06	-0.01	-0.03
	(0.17)	(0.03)	(0.04)	(0.04)	(0.05)
year=2011	0.23	-0.05	0.12	0.01	-0.13*
	(0.16)	(0.03)	(0.07)	(0.07)	(0.06)
year=2012	0.12	-0.04	0.13	-0.02	-0.18*
	(0.09)	(0.03)	(0.08)	(0.08)	(0.08)
Constant	-0.43	-0.02	2.09***	1.76***	0.62***
	(0.42)	(0.10)	(0.19)	(0.20)	(0.15)

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* 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	-0.12	-0.52	-0.63	-0.28	0.06
	(0.28)	(0.45)	(0.34)	(0.51)	(0.31)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se	NoCharge b/se
year=2007	-0.03	-0.00	-0.06*	0.04	0.09
	(0.03)	(0.03)	(0.03)	(0.03)	(0.14)
year=2008	-0.03	0.04	-0.02	0.04	0.07
	(0.05)	(0.03)	(0.04)	(0.03)	(0.13)
year=2009	-0.05	0.05	-0.08	0.02	0.07
	(0.05)	(0.04)	(0.04)	(0.04)	(0.15)
year=2010	-0.05	0.06	-0.08	-0.02	0.14
	(0.06)	(0.05)	(0.06)	(0.04)	(0.19)
year=2011	-0.08	0.07	-0.14*	-0.02	0.09
	(0.07)	(0.06)	(0.07)	(0.05)	(0.18)
year=2012	-0.07	0.04	-0.13*	-0.05	0.09
	(0.07)	(0.06)	(0.07)	(0.06)	(0.20)
Constant	2.87***	2.15***	2.45***	1.32***	0.42**
	(0.19)	(0.14)	(0.21)	(0.13)	(0.15)

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

Service Util: Nuclear Medicine (log counts)

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se	NoCharge b/se
hhi_hosp	-0.04	-0.09	0.82	0.78	1.12
	(0.39)	(0.36)	(0.50)	(0.43)	(0.61)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	-0.08***	-0.07*	-0.02	0.03	-0.09
	(0.02)	(0.03)	(0.03)	(0.05)	(0.13)
year=2008	-0.09***	-0.01	-0.06*	0.02	-0.34
	(0.02)	(0.03)	(0.03)	(0.05)	(0.27)
year=2009	-0.14***	-0.00	-0.10*	-0.04	0.09
	(0.03)	(0.04)	(0.04)	(0.06)	(0.16)
year=2010	-0.20***	-0.01	-0.28***	-0.22***	-0.23
	(0.04)	(0.04)	(0.05)	(0.06)	(0.20)
year=2011	-0.21***	-0.04	-0.28***	-0.26***	-0.27
	(0.04)	(0.05)	(0.05)	(0.07)	(0.25)
year=2012	-0.27***	-0.08	-0.37***	-0.34***	-0.27
	(0.04)	(0.05)	(0.05)	(0.07)	

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se	NoCharge b/se
					(0.20)
Constant	5.08***	3.59***	3.88***	2.10***	0.40
	(0.16)	(0.15)	(0.21)	(0.18)	(0.20)

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

Service Util: Observation (log counts)

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se	NoCharge b/se
hhi_hosp	-0.42	-1.40	-0.54	0.19	-0.45
	(1.04)	(0.77)	(0.94)	(0.63)	(0.56)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	0.01	-0.09	-0.08	0.01	0.15
	(0.05)	(0.07)	(0.08)	(0.04)	(0.10)
year=2008	0.20**	0.07	0.04	0.08	0.22
	(0.07)	(0.09)	(0.10)	(0.06)	(0.16)
year=2009	0.30**	0.12	0.16	0.07	0.11
	(0.09)	(0.10)	(0.11)	(0.06)	(0.11)
year=2010	0.54***	0.26*	0.34**	0.09	0.23
	(0.11)	(0.11)	(0.12)	(0.07)	(0.23)
year=2011	0.92***	0.34**	0.42**	0.25**	0.23
	(0.12)	(0.12)	(0.12)	(0.08)	(0.23)
year=2012	1.21***	0.49***	0.58***	0.29**	0.26
	(0.15)	(0.12)	(0.13)	(0.09)	(0.26)
Constant	0.95*	1.32***	1.19**	0.26	0.11
	(0.42)	(0.32)	(0.39)	(0.27)	(0.09)

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* 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	0.04	0.01	0.03	-0.00	0.00
	(0.08)	(0.07)	(0.06)	(0.03)	(.)
year=2006	0.00	0.00	0.00	0.00	

	Medicare	Medicaid	PrivIns	SelfPay	NoCharge
(year=2006)	(.)	(.)	(.)	(.)	0.00
					(.)
year=2007	0.01	0.01	0.01	-0.02	0.00
	(0.01)	(0.01)	(0.01)	(0.02)	(.)
year=2008	-0.00	-0.01	0.01	-0.03	0.00
	(0.02)	(0.02)	(0.02)	(0.01)	(.)
year=2009	-0.01	-0.02	-0.01	-0.02	0.00
	(0.01)	(0.02)	(0.02)	(0.02)	(.)
year=2010	-0.00	-0.02	-0.02	-0.00	0.00
	(0.02)	(0.02)	(0.02)	(0.02)	(.)
year=2011	0.00	0.00	-0.00	-0.02	0.00
	(0.02)	(0.02)	(0.02)	(0.02)	(.)
year=2012	-0.01	-0.02	-0.02	-0.00	0.00
	(0.03)	(0.03)	(0.02)	(0.02)	(.)
Constant	0.29***	0.20***	0.27***	0.04*	0.00
	(0.03)	(0.03)	(0.03)	(0.02)	(.)

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

Service Util: Other implants (log counts)

	Medicare	Medicaid	PrivIns	SelfPay	NoCharge
	b/se	b/se	b/se	b/se	b/se
hhi_hosp	-1.03	-1.59**	-0.05	-0.42	-1.66
	(0.79)	(0.57)	(1.04)	(0.47)	(0.94)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	0.03	0.11*	0.05	0.10*	0.03
	(0.05)	(0.05)	(0.04)	(0.04)	(0.14)
year=2008	0.18**	0.32***	0.19**	0.18***	-0.03
	(0.07)	(0.06)	(0.07)	(0.05)	(0.19)
year=2009	0.30**	0.46***	0.29**	0.19**	0.27
	(0.09)	(0.07)	(0.09)	(0.07)	(0.19)
year=2010	0.40***	0.65***	0.35***	0.18*	0.02
	(0.11)	(0.09)	(0.10)	(0.08)	(0.29)
year=2011	0.48***	0.79***	0.42***	0.20*	0.05
	(0.11)	(0.09)	(0.11)	(0.08)	(0.31)

	Medicare	Medicaid	PrivIns	SelfPay	NoCharge
year=2012	0.50***	0.80***	0.40***	0.19*	0.28
	(0.11)	(0.10)	(0.11)	(0.09)	(0.28)
Constant	5.00***	3.61***	4.24***	2.29***	1.28***
	(0.32)	(0.22)	(0.42)	(0.19)	(0.29)

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

Service Util: Radiology/Chemotherapy (log counts)

	Medicare	Medicaid	PrivIns	SelfPay	NoCharge
	b/se	b/se	b/se	b/se	b/se
hhi_hosp	-0.07	-0.52	-0.05	1.08*	0.15
	(0.65)	(0.67)	(0.50)	(0.48)	(0.30)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	-0.10*	-0.10*	-0.11*	-0.07	0.13
	(0.04)	(0.05)	(0.05)	(0.05)	(0.16)
year=2008	-0.10*	0.01	-0.12**	-0.00	-0.06
	(0.04)	(0.05)	(0.05)	(0.05)	(0.08)
year=2009	-0.12*	-0.08	-0.22***	-0.03	-0.06
	(0.05)	(0.05)	(0.06)	(0.05)	(0.08)
year=2010	-0.20***	-0.06	-0.23***	-0.12*	-0.00
	(0.06)	(0.05)	(0.06)	(0.05)	(0.11)
year=2011	-0.19**	-0.07	-0.27***	-0.17**	0.10
	(0.06)	(0.05)	(0.06)	(0.06)	(0.20)
year=2012	-0.31***	-0.15*	-0.41***	-0.19**	-0.04
	(0.07)	(0.06)	(0.06)	(0.06)	(0.08)
Constant	2.82***	2.13***	2.38***	0.31	-0.01
	(0.27)	(0.29)	(0.21)	(0.20)	(0.19)

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

6 . . . **Medicaid services** . . .

Service Util: Emergency Department (proportions)

> NoCharge	Medicare	Medicaid	PrivIns	SelfPay
	b/se	b/se	b/se	b/se
> b/se				
hhi_hosp	-0.15	-0.12*	0.27**	0.05
> -0.05				
	(0.12)	(0.05)	(0.10)	(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	-0.01	0.01*	-0.01	0.00
> 0.00				
	(0.01)	(0.00)	(0.00)	(0.00)
> (0.00)				
year=2010	0.00	0.01**	-0.02**	-0.00
> -0.00				
	(0.01)	(0.00)	(0.01)	(0.00)
> (0.00)				
year=2011	0.01	0.03***	-0.02***	-0.02***
> 0.00				
	(0.01)	(0.01)	(0.01)	(0.00)
> (0.00)				
year=2012	0.02*	0.02***	-0.03***	-0.02***
> 0.01				
	(0.01)	(0.01)	(0.01)	(0.00)
> (0.00)				
Constant	0.56***	0.23***	0.14**	0.03**
> 0.02				
	(0.05)	(0.02)	(0.04)	(0.01)
> (0.02)				

* 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	0.17	-0.23	0.16	-0.09
> 0.03				
	(0.22)	(0.15)	(0.13)	(0.17)
> (0.02)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.00	0.00	-0.00	-0.00
> -0.01				
	(0.01)	(0.01)	(0.01)	(0.01)
> (0.01)				

	Medicare	Medicaid	PrivIns	SelfPay
year=2008	0.00	-0.01	0.01	-0.01
> -0.00				
	(0.01)	(0.01)	(0.01)	(0.01)
> (0.00)				
year=2009	-0.02	0.02	0.02	-0.02
> -0.00				
	(0.01)	(0.02)	(0.01)	(0.01)
> (0.00)				
year=2010	-0.01	0.05**	-0.00	-0.03**
> -0.00				
	(0.01)	(0.01)	(0.01)	(0.01)
> (0.00)				
year=2011	-0.00	0.03**	-0.00	-0.03
> -0.01				
	(0.01)	(0.01)	(0.01)	(0.02)
> (0.00)				
year=2012	-0.01	0.05**	-0.00	-0.05***
> -0.01				
	(0.02)	(0.02)	(0.01)	(0.01)
> (0.00)				
Constant	0.18	0.48***	0.16**	0.16*
> -0.00				
	(0.09)	(0.06)	(0.05)	(0.07)
> (0.01)				

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

Service Util: Newborn (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
> NoCharge	b/se	b/se	b/se	b/se
> b/se				
hhi_hosp	0.05	-1.05*	0.58	0.44
> 0.01				
	(0.06)	(0.48)	(0.47)	(0.33)
> (0.01)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.00	-0.02	0.01	0.01*
> 0.00				
	(0.00)	(0.02)	(0.02)	(0.01)
> (0.00)				
year=2008	-0.00	0.01	-0.03**	0.02*
> 0.00				
	(0.00)	(0.02)	(0.01)	(0.01)
> (0.00)				
year=2009	-0.00	0.03	-0.04*	0.02
> 0.00				
	(0.00)	(0.02)	(0.02)	(0.01)
> (0.00)				
year=2010	-0.00	0.03*	-0.04**	0.01
> 0.00				
	(0.00)	(0.01)	(0.01)	(0.01)
> (0.00)				
year=2011	-0.01	0.09***	-0.04	-0.04**
> 0.00				
	(0.00)	(0.02)	(0.02)	(0.01)
> (0.00)				
year=2012	-0.01	0.11***	-0.06**	-0.04*
> 0.00				
	(0.00)	(0.02)	(0.02)	(0.02)
> (0.00)				
Constant	-0.01	0.84***	0.24	-0.10
> -0.00				
	(0.02)	(0.18)	(0.17)	(0.12)

>   (0.00)

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* 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 > (0.00)	-0.31 (0.19)	-0.15 (0.09)	0.36 (0.18)	0.15* (0.06)
year=2006 > 0.00 > (.)	0.00 (.)	0.00 (.)	0.00 (.)	0.00 (.)
year=2007 > 0.00 > (0.00)	0.03 (0.02)	-0.01 (0.01)	-0.02 (0.02)	0.01* (0.00)
year=2008 > 0.00 > (0.00)	-0.00 (0.03)	-0.01 (0.01)	0.01 (0.02)	0.01* (0.01)
year=2009 > 0.00 > (0.00)	0.02 (0.02)	0.01 (0.01)	-0.05** (0.02)	0.01* (0.01)
year=2010 > 0.00 > (0.00)	0.02 (0.02)	0.01 (0.01)	-0.04* (0.02)	0.00 (0.00)
year=2011 > 0.00 > (0.00)	0.07** (0.02)	0.01 (0.01)	-0.07*** (0.02)	-0.00 (0.00)
year=2012 > 0.00 > (0.00)	0.05 (0.03)	0.01 (0.01)	-0.06** (0.02)	-0.00 (0.01)
Constant > 0.00** > (0.00)	0.61*** (0.07)	0.21*** (0.03)	0.16* (0.07)	-0.02 (0.02)

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* 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 > (0.01)	-0.30 (0.18)	-0.05 (0.04)	0.26 (0.19)	0.06 (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)	(0.01)	(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*	0.00	0.00
> (0.00)	(0.01)	(0.00)	(0.01)	(0.00)
year=2010 > -0.00	0.00	0.02***	-0.02**	0.00
> (0.00)	(0.01)	(0.00)	(0.01)	(0.00)
year=2011 > -0.00	0.00	0.02***	-0.01	-0.01**
> (0.00)	(0.01)	(0.00)	(0.01)	(0.00)
year=2012 > -0.00	0.01	0.02***	-0.02**	-0.01**
> (0.00)	(0.01)	(0.00)	(0.01)	(0.00)
Constant > 0.00	0.69***	0.15***	0.13	0.02
> (0.00)	(0.07)	(0.02)	(0.08)	(0.01)

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

Service Util: Observation (proportions)

> NoCharge > b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
hhi_hosp > -0.03	0.03	-0.36	0.31	0.11
> (0.02)	(0.32)	(0.27)	(0.28)	(0.12)
year=2006 > 0.00	0.00	0.00	0.00	0.00
> (.)	(.)	(.)	(.)	(.)
year=2007 > 0.00	-0.00	-0.03	0.03	-0.00
> (0.00)	(0.04)	(0.02)	(0.04)	(0.01)
year=2008 > 0.00**	0.02	-0.00	-0.05	0.03
> (0.00)	(0.04)	(0.02)	(0.04)	(0.02)
year=2009 > -0.00	0.03	-0.01	0.00	-0.01
> (0.00)	(0.04)	(0.03)	(0.03)	(0.01)
year=2010 > 0.00	0.06	-0.02	-0.04	-0.01
> (0.00)	(0.04)	(0.02)	(0.04)	(0.01)
year=2011 > 0.00	0.17***	-0.02	-0.12**	-0.02
> (0.00)	(0.04)	(0.03)	(0.04)	(0.01)
year=2012 > 0.00	0.19***	-0.05	-0.12**	-0.02
	(0.05)	(0.03)	(0.04)	(0.01)

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se	NoCharge b/se
Constant	0.34*	0.36**	0.23	-0.00	0.02
	(0.15)	(0.13)	(0.14)	(0.06)	(0.01)
					(0.00)

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

Service Util: Organ Acquisition (proportions)

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se	NoCharge b/se
hhi_hosp	-0.47	0.39	-0.85	0.04	0.00
	(1.45)	(0.58)	(0.74)	(0.12)	(.)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	0.04	0.00	-0.00	-0.00	0.00
	(0.04)	(0.02)	(0.03)	(0.01)	(.)
year=2008	-0.01	0.03	0.03	-0.01	0.00
	(0.06)	(0.05)	(0.04)	(0.00)	(.)
year=2009	0.11	-0.03	-0.01	-0.01	0.00
	(0.07)	(0.02)	(0.05)	(0.00)	(.)
year=2010	0.13	-0.01	-0.02	-0.00	0.00
	(0.09)	(0.02)	(0.04)	(0.01)	(.)
year=2011	0.08	-0.02	-0.01	-0.01	0.00
	(0.07)	(0.04)	(0.04)	(0.00)	(.)
year=2012	0.09	-0.05	0.01	-0.00	0.00
	(0.09)	(0.05)	(0.06)	(0.01)	(.)
Constant	0.59	0.02	0.65*	-0.01	0.00
	(0.50)	(0.21)	(0.25)	(0.04)	(.)

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

Service Util: Other implants (proportions)

	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se	NoCharge b/se
hhi_hosp	-0.11	-0.21*	0.42*	-0.04	-0.09
	(0.17)	(0.10)	(0.17)	(0.05)	(0.09)
year=2006	0.00	0.00	0.00	0.00	

	NoCharge b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
	0.00				
	(.)	(.)	(.)	(.)	(.)
year=2007	-0.00	-0.02	0.01	0.02	0.00
	(0.00)	(0.01)	(0.01)	(0.01)	(0.00)
year=2008	-0.00	-0.02	0.01	0.01	0.00
	(0.00)	(0.01)	(0.01)	(0.01)	(0.00)
year=2009	0.00	-0.02	0.02**	-0.00	0.00
	(0.00)	(0.01)	(0.01)	(0.01)	(0.00)
year=2010	-0.00	-0.01	0.03***	-0.01	-0.00
	(0.00)	(0.01)	(0.01)	(0.01)	(0.00)
year=2011	-0.00	-0.02	0.03***	-0.02	-0.00
	(0.00)	(0.01)	(0.01)	(0.01)	(0.00)
year=2012	0.01	-0.02	0.04***	-0.03**	-0.00
	(0.01)	(0.01)	(0.01)	(0.01)	(0.00)
Constant	0.04	0.55***	0.18***	0.16*	0.05*
	(0.03)	(0.07)	(0.04)	(0.07)	(0.02)

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

Service Util: Radiology/Chemotherapy (proportions)

	NoCharge b/se	Medicare b/se	Medicaid b/se	PrivIns b/se	SelfPay b/se
hhi_hosp	0.00	-0.19	-0.12	0.19	0.12
	(0.00)	(0.24)	(0.14)	(0.24)	(0.07)
year=2006	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
year=2007	0.00	0.02	-0.01	0.00	-0.01
	(0.00)	(0.02)	(0.01)	(0.02)	(0.01)
year=2008	-0.00	0.01	0.00	-0.00	-0.00
	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)
year=2009	-0.00	0.03	-0.01	-0.02	0.01
	(0.00)	(0.02)	(0.01)	(0.02)	(0.01)
year=2010	-0.00	0.01	-0.00	-0.01	0.01
	(0.00)	(0.02)	(0.01)	(0.02)	(0.01)
year=2011	0.00	0.04	-0.00	-0.03	-0.01
	(0.00)	(0.02)	(0.01)	(0.02)	(0.01)

year=2012	0.05*	0.00	−0.03	−0.01*
> −0.00				
	(0.02)	(0.02)	(0.02)	(0.01)
> (0.00)				
Constant	0.55***	0.23***	0.20*	−0.02
> 0.00				
	(0.09)	(0.06)	(0.09)	(0.03)
> (0.00)				

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* 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_20190328.smcl
      log type:  smcl
     closed on:  28 Mar 2019, 00:05:09
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