



```

name: <unnamed>
log: /gpfs/scratch/azc211/ny_mergers/logs/hcup_outcomes_fe_20190327.smcl
log type: smcl
opened on: 27 Mar 2019, 23:55:42

```

```

1 .
2 . quietly {
3 . . . dropping all hosp-years with less than 80 discharges . . .

```

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* * * Model specifications * * *
xtset ahaid year
xtreg outcome hhi_hosp i.year, 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	-0.99*	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)				

* 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	-0.05	-0.16***	0.22**	0.04
> -0.01	(0.06)	(0.05)	(0.07)	(0.03)
> (0.02)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.01**	-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*	0.00
> -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)	(0.00)	(0.00)
> (0.00)				
year=2010	0.01	0.01***	-0.03***	-0.00
> -0.00	(0.00)	(0.00)	(0.00)	(0.00)
> (0.00)				
year=2011	0.01*	0.03***	-0.03***	-0.02***
> -0.00	(0.00)	(0.00)	(0.00)	(0.00)
> (0.00)				
year=2012	0.01**	0.03***	-0.03***	-0.02***
> 0.00	(0.00)	(0.01)	(0.01)	(0.00)
> (0.00)				
Constant	0.43***	0.28***	0.21***	0.04**
> 0.01	(0.02)	(0.02)	(0.03)	(0.01)
> (0.01)				

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

* * * SERVICE UTILIZATIONS * * *

4 . . . Medicaid associated services . . .

Service Util: Emergency Department (log counts)

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

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

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

Service Util: Newborn (log counts)

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

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

5 . . . Private insurance associated services . . .

Service Util: Cardiac Cath. Lab (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	-0.52	-0.63	-0.28	0.06
> -0.12	(0.45)	(0.34)	(0.51)	(0.31)
> (0.28)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				

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

```

>      (0.20)
Constant      5.08***      3.59***      3.88***      2.10***
>      0.40
              (0.16)      (0.15)      (0.21)      (0.18)
>      (0.20)

```

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

Service Util: Observation (log counts)

```

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

```

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

```

>	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)				

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)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	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)	0.00	0.00	0.00	0.00
year=2006	(.)	(.)	(.)	(.)
> 0.00	-0.01*	-0.00	0.00	0.01*
> (.)	(0.00)	(0.00)	(0.00)	(0.00)
year=2007	-0.00	-0.00	-0.00	0.00
> 0.00	(0.01)	(0.00)	(0.00)	(0.00)
> (0.00)	-0.01	0.01*	-0.01	0.00
year=2008	(0.01)	(0.00)	(0.00)	(0.00)
> -0.00	0.00	0.01**	-0.02**	-0.00
> (0.00)	(0.01)	(0.00)	(0.01)	(0.00)
year=2009	0.01	0.03***	-0.02***	-0.02***
> 0.00	(0.01)	(0.01)	(0.01)	(0.00)
> (0.00)	0.02*	0.02***	-0.03***	-0.02***
year=2010	(0.01)	(0.01)	(0.01)	(0.00)
> 0.01	0.56***	0.23***	0.14**	0.03**
> (0.00)	(0.05)	(0.02)	(0.04)	(0.01)
Constant				
> 0.02				
> (0.02)				

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

Service Util: Mental Health/Substance Abuse (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	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)	0.00	0.00	0.00	0.00
year=2006	(.)	(.)	(.)	(.)
> 0.00	-0.00	0.00	-0.00	-0.00
> (.)	(0.01)	(0.01)	(0.01)	(0.01)
year=2007				
> -0.01				
> (0.01)				

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)

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

7 . . . Private insurance services . . .

Service Util: Cardiac Cath. Lab (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	-0.31	-0.15	0.36	0.15*
> -0.00	(0.19)	(0.09)	(0.18)	(0.06)
> (0.00)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.03	-0.01	-0.02	0.01*
> 0.00	(0.02)	(0.01)	(0.02)	(0.00)
> (0.00)				
year=2008	-0.00	-0.01	0.01	0.01*
> 0.00	(0.03)	(0.01)	(0.02)	(0.01)
> (0.00)				
year=2009	0.02	0.01	-0.05**	0.01*
> 0.00	(0.02)	(0.01)	(0.02)	(0.01)
> (0.00)				
year=2010	0.02	0.01	-0.04*	0.00
> 0.00	(0.02)	(0.01)	(0.02)	(0.00)
> (0.00)				
year=2011	0.07**	0.01	-0.07***	-0.00
> 0.00	(0.02)	(0.01)	(0.02)	(0.00)
> (0.00)				
year=2012	0.05	0.01	-0.06**	-0.00
> 0.00	(0.03)	(0.01)	(0.02)	(0.01)
> (0.00)				
Constant	0.61***	0.21***	0.16*	-0.02
> 0.00**	(0.07)	(0.03)	(0.07)	(0.02)
> (0.00)				

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

Service Util: Nuclear Medicine (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	-0.30	-0.05	0.26	0.06
> 0.01	(0.18)	(0.04)	(0.19)	(0.03)
> (0.01)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				

year=2007	-0.01	0.00	0.01	0.00
> -0.00	(0.01)	(0.00)	(0.01)	(0.00)
> (0.00)				
year=2008	-0.01	0.01	0.00	0.00
> -0.00	(0.01)	(0.00)	(0.01)	(0.00)
> (0.00)				
year=2009	-0.02*	0.01*	0.00	0.00
> 0.00	(0.01)	(0.00)	(0.01)	(0.00)
> (0.00)				
year=2010	0.00	0.02***	-0.02**	0.00
> -0.00	(0.01)	(0.00)	(0.01)	(0.00)
> (0.00)				
year=2011	0.00	0.02***	-0.01	-0.01**
> -0.00	(0.01)	(0.00)	(0.01)	(0.00)
> (0.00)				
year=2012	0.01	0.02***	-0.02**	-0.01**
> -0.00	(0.01)	(0.00)	(0.01)	(0.00)
> (0.00)				
Constant	0.69***	0.15***	0.13	0.02
> 0.00	(0.07)	(0.02)	(0.08)	(0.01)
> (0.00)				

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

Service Util: Observation (proportions)

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

```

>      (0.00)
Constant      0.34*      0.36**      0.23      -0.00
>      0.02
              (0.15)      (0.13)      (0.14)      (0.06)
>      (0.01)

```

* 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      -0.47      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)

```

>      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
>      -0.09
              (0.17)      (0.10)      (0.17)      (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	(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	-0.01	0.03***	-0.01	-0.00	
>	-0.00	(0.01)	(0.01)	(0.01)	(0.00)
>	(0.00)				
year=2011	-0.02	0.03***	-0.02	-0.00	
>	-0.00	(0.01)	(0.01)	(0.01)	(0.00)
>	(0.00)				
year=2012	-0.02	0.04***	-0.03**	-0.00	
>	0.01	(0.01)	(0.01)	(0.01)	(0.00)
>	(0.01)				
Constant	0.55***	0.18***	0.16*	0.05*	
>	0.04	(0.07)	(0.04)	(0.07)	(0.02)
>	(0.03)				

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

Service Util: Radiology/Chemotherapy (proportions)

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

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)				

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

```

8 .
9 .
10. *****
11. * Log close
12. log close
    name: <unnamed>
    log: /gpfs/scratch/azc211/ny_mergers/logs/hcup_outcomes_fe_20190327.smcl
    log type: smcl
    closed on: 27 Mar 2019, 23:55:48

```
