



```

name: <unnamed>
log: /gpfs/scratch/azc211/ny_mergers/logs/fe_util_hhi_20190308.smcl
log type: smcl
opened on: 8 Mar 2019, 15:32:23

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1 .
2 . quietly {
* * * avg_hhisys_cnty terciles for 2006 * *
... Tercile 1: 0.249
... Tercile 2: 0.436
* * * DISCHARGES * * *

```

Discharges (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
Cnty avg. HHI sys ~e	0.07	0.13	0.01	0.15
> 1.62***	(0.08)	(0.17)	(0.09)	(0.15)
> (0.18)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.06***	-0.08***	-0.02	0.04
> 0.09	(0.02)	(0.02)	(0.02)	(0.04)
> (0.24)				
year=2008	-0.07	-0.01	-0.05*	-0.03
> -0.20	(0.05)	(0.02)	(0.02)	(0.05)
> (0.33)				
year=2009	-0.04*	0.03	-0.06**	-0.09
> 0.31	(0.02)	(0.03)	(0.02)	(0.05)
> (0.26)				
year=2010	-0.07*	0.03	-0.16***	-0.21***
> -0.16	(0.03)	(0.04)	(0.03)	(0.06)
> (0.38)				
year=2011	-0.05*	0.08*	-0.14***	-0.32***
> -0.25	(0.02)	(0.03)	(0.03)	(0.06)
> (0.48)				
year=2012	-0.08**	0.04	-0.19***	-0.37***
> 0.10	(0.02)	(0.04)	(0.03)	(0.07)
> (0.34)				
Constant	7.90***	6.88***	7.59***	5.35***
> -0.30	(0.16)	(0.33)	(0.18)	(0.31)
> (0.37)				

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

## Discharges (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
Cnty avg. HHI sys ~e	0.01	-0.00	-0.01	0.01
> -0.00	(0.01)	(0.01)	(0.01)	(0.00)
> (0.00)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.01**	-0.01**	0.01	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)	(0.00)	(0.00)
> (0.00)				
year=2010	0.00	0.01**	-0.02***	0.00
> -0.00	(0.00)	(0.00)	(0.01)	(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)	(0.00)	(0.00)	(0.00)
> (0.00)				
Constant	0.40***	0.22***	0.31***	0.04***
> 0.01*	(0.02)	(0.01)	(0.01)	(0.01)
> (0.00)				

\* p&lt;0.05, \*\* p&lt;0.01, \*\*\* p&lt;0.001

\* \* \* SERVICE UTILIZATIONS \* \* \*

3 . . . Medicaid services . . .

## Medicaid Service Util: Emergency Department (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
Cnty avg. HHI sys ~e	0.16	0.06	-0.02	0.05
> -0.08	(0.16)	(0.15)	(0.13)	(0.11)
> (0.15)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.09	-0.06	-0.02	0.03
> 0.39	(0.06)	(0.05)	(0.05)	(0.06)
> (0.27)				

year=2008	-0.01	0.09	0.05	0.06
> 0.05				
	(0.08)	(0.06)	(0.06)	(0.08)
> (0.39)				
year=2009	0.01	0.14	0.02	-0.01
> 0.69*				
	(0.08)	(0.07)	(0.08)	(0.08)
> (0.30)				
year=2010	0.06	0.22*	-0.01	-0.08
> 0.13				
	(0.10)	(0.10)	(0.09)	(0.10)
> (0.40)				
year=2011	0.19	0.38***	0.10	-0.10
> -0.08				
	(0.11)	(0.11)	(0.10)	(0.10)
> (0.49)				
year=2012	0.17	0.31**	0.04	-0.15
> 0.43				
	(0.11)	(0.11)	(0.10)	(0.11)
> (0.37)				
Constant	7.01***	5.99***	6.68***	4.87***
> 2.01***				
	(0.34)	(0.31)	(0.27)	(0.24)
> (0.36)				

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

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

	Medicare	Medicaid	PrivIns	SelfPay
> NoCharge	b/se	b/se	b/se	b/se
> b/se				
Cnty avg. HHI sys ~e	-0.19	-0.12	-0.14	-0.13
> 0.14				
	(0.10)	(0.13)	(0.09)	(0.13)
> (0.17)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.06	-0.10*	-0.05	0.02
> -0.19				
	(0.04)	(0.04)	(0.04)	(0.05)
> (0.25)				
year=2008	-0.00	-0.07	0.03	0.03
> 0.03				
	(0.04)	(0.04)	(0.04)	(0.06)
> (0.15)				
year=2009	-0.01	-0.01	0.02	-0.04
> 0.07				
	(0.05)	(0.05)	(0.05)	(0.06)
> (0.22)				
year=2010	-0.01	0.05	-0.04	-0.12
> 0.02				
	(0.05)	(0.07)	(0.06)	(0.07)
> (0.23)				
year=2011	-0.02	0.05	0.01	-0.26***
> -0.11				
	(0.06)	(0.07)	(0.07)	(0.08)
> (0.28)				
year=2012	-0.06	0.01	-0.02	-0.36***
> -0.12				
	(0.06)	(0.08)	(0.07)	(0.08)
> (0.26)				
Constant	4.29***	4.57***	4.03***	3.40***
> 0.57*				
	(0.20)	(0.28)	(0.19)	(0.28)

&gt; (0.28)

\* p&lt;0.05, \*\* p&lt;0.01, \*\*\* p&lt;0.001

Medicaid Service Util: Newborn (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
Cnty avg. HHI sys ~e	-0.03	0.09	0.07	0.03
> 0.40***	(0.02)	(0.07)	(0.09)	(0.08)
> (0.05)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.01	-0.08**	-0.05*	0.07*
> 0.28	(0.02)	(0.03)	(0.02)	(0.03)
> (0.18)				
year=2008	0.01	-0.04	-0.05	0.07
> 0.22	(0.03)	(0.03)	(0.04)	(0.04)
> (0.15)				
year=2009	0.03	0.02	-0.03	0.04
> 0.28	(0.03)	(0.03)	(0.04)	(0.05)
> (0.18)				
year=2010	-0.02	0.06	0.01	-0.01
> 0.26	(0.03)	(0.04)	(0.05)	(0.05)
> (0.18)				
year=2011	-0.04	0.12	0.02	-0.11
> 0.24	(0.03)	(0.07)	(0.07)	(0.06)
> (0.17)				
year=2012	-0.03	0.12	-0.00	-0.15*
> 0.14	(0.03)	(0.07)	(0.08)	(0.08)
> (0.09)				
Constant	0.13**	1.84***	1.81***	0.89***
> -0.80***	(0.04)	(0.15)	(0.19)	(0.16)
> (0.21)				

\* p&lt;0.05, \*\* p&lt;0.01, \*\*\* p&lt;0.001

4 . . . Private insurance services . . .

Private Insurance Service Util: Cardiac Cath. Lab (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
Cnty avg. HHI sys ~e	-0.10	-0.07	-0.14	-0.05
> 0.02	(0.07)	(0.06)	(0.09)	(0.07)
> (0.06)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				

year=2007	-0.03	-0.00	-0.06*	0.04
> 0.08				
	(0.03)	(0.03)	(0.03)	(0.03)
> (0.14)				
year=2008	-0.03	0.03	-0.02	0.04
> 0.07				
	(0.05)	(0.03)	(0.04)	(0.03)
> (0.13)				
year=2009	-0.06	0.04	-0.08	0.02
> 0.07				
	(0.05)	(0.04)	(0.04)	(0.04)
> (0.15)				
year=2010	-0.06	0.05	-0.09	-0.02
> 0.13				
	(0.06)	(0.05)	(0.06)	(0.04)
> (0.19)				
year=2011	-0.09	0.05	-0.15*	-0.02
> 0.09				
	(0.07)	(0.06)	(0.07)	(0.05)
> (0.18)				
year=2012	-0.08	0.03	-0.14*	-0.05
> 0.08				
	(0.07)	(0.06)	(0.06)	(0.06)
> (0.20)				
Constant	2.85***	2.03***	2.60***	1.45***
> 0.34**				
	(0.17)	(0.14)	(0.19)	(0.14)
> (0.11)				

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

Private Insurance Service Util: Nuclear Medicine (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
> NoCharge	b/se	b/se	b/se	b/se
> b/se				
Cnty avg. HHI sys ~e	0.09	-0.00	-0.01	-0.00
> -0.04				
	(0.07)	(0.07)	(0.07)	(0.08)
> (0.04)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.08***	-0.07*	-0.01	0.03
> -0.09				
	(0.02)	(0.03)	(0.03)	(0.05)
> (0.13)				
year=2008	-0.12**	-0.01	-0.06	0.02
> -0.33				
	(0.04)	(0.03)	(0.03)	(0.05)
> (0.27)				
year=2009	-0.14***	-0.01	-0.09*	-0.03
> 0.11				
	(0.03)	(0.04)	(0.04)	(0.06)
> (0.17)				
year=2010	-0.20***	-0.01	-0.27***	-0.21***
> -0.22				
	(0.04)	(0.04)	(0.04)	(0.05)
> (0.20)				
year=2011	-0.21***	-0.04	-0.26***	-0.24***
> -0.25				
	(0.04)	(0.05)	(0.05)	(0.06)
> (0.24)				
year=2012	-0.27***	-0.08	-0.34***	-0.32***
> -0.23				
	(0.04)	(0.05)	(0.05)	(0.07)

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>      (0.18)
Constant      4.87***      3.55***      4.22***      2.42***
>      0.85***
>      (0.15)      (0.15)      (0.15)      (0.16)
>      (0.21)

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

Private Insurance Service Util: Observation (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
Cnty avg. HHI sys ~e	0.06	-0.13	-0.00	0.14
> -0.01	(0.38)	(0.35)	(0.37)	(0.17)
> (0.06)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.00	-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	0.29***	0.11	0.16	0.07
> 0.10	(0.09)	(0.10)	(0.11)	(0.06)
> (0.11)				
year=2010	0.53***	0.22*	0.33**	0.10
> 0.23	(0.10)	(0.11)	(0.12)	(0.07)
> (0.22)				
year=2011	0.91***	0.31**	0.40**	0.26**
> 0.22	(0.11)	(0.12)	(0.12)	(0.08)
> (0.22)				
year=2012	1.20***	0.45***	0.57***	0.29**
> 0.24	(0.14)	(0.12)	(0.13)	(0.09)
> (0.24)				
Constant	0.64	1.02	0.97	0.05
> -0.03	(0.77)	(0.70)	(0.74)	(0.36)
> (0.11)				

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

Private Insurance Service Util: Organ Acquisition (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
Cnty avg. HHI sys ~e	-0.00	-0.03	-0.02	0.00
> 0.00	(0.01)	(0.03)	(0.02)	(0.00)
> (.)				
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	-0.02	-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	0.30***	0.26***	0.32***	0.03	
>	0.00	(0.02)	(0.06)	(0.04)	(0.02)
>	(.)				

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

Private Insurance Service Util: Other implants (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
b/se				
Cnty avg. HHI sys ~e	0.05	0.02	0.01	0.07
>	-0.15	(0.13)	(0.19)	(0.08)
>	(0.10)			
year=2006	0.00	0.00	0.00	0.00
>	0.00	(.)	(.)	(.)
>	(.)			
year=2007	0.02	0.10*	0.05	0.10*
>	0.02	(0.04)	(0.05)	(0.04)
>	(0.14)			
year=2008	0.13	0.31***	0.19**	0.16**
>	-0.04	(0.08)	(0.06)	(0.05)
>	(0.18)			
year=2009	0.29**	0.44***	0.28**	0.18**
>	0.25	(0.09)	(0.07)	(0.07)
>	(0.19)			
year=2010	0.38***	0.62***	0.34***	0.18*
>	-0.01	(0.10)	(0.08)	(0.08)
>	(0.28)			
year=2011	0.46***	0.75***	0.42***	0.19*
>	0.02	(0.10)	(0.09)	(0.08)
>	(0.30)			

year=2012	0.47***	0.76***	0.40***	0.18*
> 0.23				
	(0.10)	(0.09)	(0.10)	(0.08)
> (0.26)				
Constant	4.47***	2.91***	4.20***	1.97***
> 0.98***				
	(0.28)	(0.38)	(0.29)	(0.17)
> (0.21)				

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

Private Insurance Service Util: Radiology/Chemotherapy (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
b/se				
Cnty avg. HHI sys ~e	-0.07	0.01	-0.16*	0.07
> -0.07				
	(0.10)	(0.11)	(0.08)	(0.11)
> (0.07)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.10*	-0.10*	-0.11*	-0.06
> 0.13				
	(0.04)	(0.05)	(0.05)	(0.05)
> (0.16)				
year=2008	-0.12**	0.00	-0.12*	0.00
> -0.06				
	(0.05)	(0.05)	(0.05)	(0.05)
> (0.08)				
year=2009	-0.12*	-0.08	-0.22***	-0.02
> -0.06				
	(0.05)	(0.05)	(0.06)	(0.05)
> (0.08)				
year=2010	-0.20***	-0.07	-0.24***	-0.10
> -0.00				
	(0.06)	(0.05)	(0.06)	(0.05)
> (0.11)				
year=2011	-0.19**	-0.08	-0.27***	-0.14*
> 0.11				
	(0.06)	(0.06)	(0.06)	(0.06)
> (0.20)				
year=2012	-0.30***	-0.16**	-0.41***	-0.16**
> -0.03				
	(0.06)	(0.06)	(0.05)	(0.06)
> (0.09)				
Constant	2.92***	1.89***	2.67***	0.61**
> 0.18*				
	(0.21)	(0.24)	(0.17)	(0.22)
> (0.08)				

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



## 5 . . . Medicaid services . . .

## Medicaid Service Util: Emergency Department (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
b/se				
Cnty avg. HHI sys ~e	0.02	-0.00	-0.02	0.00
> -0.00	(0.02)	(0.01)	(0.02)	(0.00)
> (0.00)	0.00	0.00	0.00	0.00
year=2006	(.)	(.)	(.)	(.)
> 0.00	-0.01*	-0.00	0.01	0.01**
> (.)	(0.00)	(0.00)	(0.00)	(0.00)
year=2007	-0.01	-0.00	0.00	0.01
> -0.00	(0.01)	(0.00)	(0.00)	(0.00)
> (0.00)	-0.01	0.01	-0.00	0.00
year=2008	(0.01)	(0.00)	(0.00)	(0.00)
> -0.00	-0.00	0.01	-0.01	-0.00
> (0.00)	(0.01)	(0.00)	(0.01)	(0.00)
year=2009	0.00	0.03***	-0.02**	-0.02***
> -0.00	(0.01)	(0.01)	(0.01)	(0.00)
> (0.00)	0.01	0.02**	-0.02***	-0.02***
year=2010	(0.01)	(0.01)	(0.01)	(0.00)
> -0.00	0.45***	0.19***	0.30***	0.05***
> (0.00)	(0.03)	(0.01)	(0.03)	(0.01)
Constant				
> 0.01				
> (0.01)				

\* p&lt;0.05, \*\* p&lt;0.01, \*\*\* p&lt;0.001

## Medicaid Service Util: Mental Health/Substance Abuse (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
b/se				
Cnty avg. HHI sys ~e	-0.01	-0.00	0.02	-0.00
> 0.00	(0.03)	(0.02)	(0.02)	(0.02)
> (0.00)	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	-0.01	0.02	0.02	-0.02
> -0.00				
	(0.01)	(0.02)	(0.01)	(0.01)
> (0.00)				
year=2010	-0.01	0.04**	-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
> -0.00				
	(0.01)	(0.01)	(0.01)	(0.02)
> (0.00)				
year=2012	-0.00	0.04**	0.00	-0.05***
> -0.00				
	(0.02)	(0.01)	(0.01)	(0.01)
> (0.00)				
Constant	0.28***	0.39***	0.19***	0.12***
> 0.00				
	(0.05)	(0.04)	(0.04)	(0.03)
> (0.00)				

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

Medicaid Service Util: Newborn (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
> NoCharge	b/se	b/se	b/se	b/se
> b/se				
Cnty avg. HHI sys ~e	0.00	-0.04**	-0.00	0.03
> 0.00**				
	(0.00)	(0.01)	(0.02)	(0.02)
> (0.00)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.00	-0.03	0.02	0.02**
> 0.00				
	(0.00)	(0.02)	(0.02)	(0.01)
> (0.00)				
year=2008	-0.00	0.00	-0.02*	0.03**
> 0.00				
	(0.00)	(0.01)	(0.01)	(0.01)
> (0.00)				
year=2009	-0.00	0.02	-0.03*	0.02*
> 0.00				
	(0.00)	(0.02)	(0.01)	(0.01)
> (0.00)				
year=2010	-0.00	0.02	-0.03**	0.02
> 0.00				
	(0.00)	(0.01)	(0.01)	(0.01)
> (0.00)				
year=2011	-0.00	0.07***	-0.03	-0.03**
> 0.00				
	(0.00)	(0.02)	(0.02)	(0.01)
> (0.00)				
year=2012	-0.00	0.08***	-0.05**	-0.03
> 0.00				
	(0.00)	(0.02)	(0.02)	(0.02)
> (0.00)				
Constant	0.00	0.52***	0.46***	0.01
> -0.00				
	(0.00)	(0.02)	(0.03)	(0.04)

> (0.00)

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

6 . . . Private insurance services . . .

Private Insurance Service Util: Cardiac Cath. Lab (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
Cnty avg. HHI sys ~e	0.00	-0.01	-0.01	0.01
> -0.00	(0.03)	(0.01)	(0.01)	(0.01)
> (0.00)	0.00	0.00	0.00	0.00
year=2006	(.)	(.)	(.)	(.)
> 0.00	0.03	-0.02	-0.01	0.01*
> (.)	(0.02)	(0.01)	(0.02)	(0.00)
year=2007	-0.00	-0.01	0.01	0.01*
> 0.00	(0.03)	(0.01)	(0.02)	(0.01)
> (0.00)	0.02	0.00	-0.04**	0.02**
year=2008	(0.02)	(0.01)	(0.02)	(0.01)
> 0.00	0.01	0.00	-0.03	0.01
> (0.00)	(0.02)	(0.01)	(0.02)	(0.00)
year=2009	0.06**	0.01	-0.06***	0.00
> 0.00	(0.02)	(0.01)	(0.02)	(0.00)
> (0.00)	0.04	0.00	-0.05**	0.00
year=2010	(0.02)	(0.01)	(0.02)	(0.01)
> 0.00	0.49***	0.18***	0.30***	0.02
> (0.00)	(0.04)	(0.02)	(0.02)	(0.02)
Constant				
> 0.00*				
> (0.00)				

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

Private Insurance Service Util: Nuclear Medicine (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
Cnty avg. HHI sys ~e	0.05	-0.00	-0.04	0.00
> -0.00	(0.03)	(0.00)	(0.03)	(0.00)
> (0.00)	0.00	0.00	0.00	0.00
year=2006	(.)	(.)	(.)	(.)
> 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*	0.01	0.01
> 0.00	(0.01)	(0.00)	(0.01)	(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	-0.00	0.02***	-0.01	-0.01**
> -0.00	(0.01)	(0.00)	(0.01)	(0.00)
> (0.00)				
year=2012	0.00	0.02***	-0.02*	-0.01**
> -0.00	(0.01)	(0.00)	(0.01)	(0.00)
> (0.00)				
Constant	0.48***	0.14***	0.32***	0.04***
> 0.01	(0.06)	(0.01)	(0.06)	(0.01)
> (0.00)				

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

Private Insurance Service Util: Observation (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
> NoCharge	b/se	b/se	b/se	b/se
> b/se				
Cnty avg. HHI sys ~e	0.16*	-0.05	-0.08	-0.01
> -0.00	(0.06)	(0.04)	(0.04)	(0.01)
> (0.00)				
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	-0.04	0.03
> 0.00*	(0.04)	(0.02)	(0.04)	(0.02)
> (0.00)				
year=2009	0.02	-0.01	0.00	-0.01
> -0.00	(0.04)	(0.03)	(0.04)	(0.01)
> (0.00)				
year=2010	0.07	-0.03	-0.04	-0.01
> 0.00	(0.04)	(0.02)	(0.04)	(0.01)
> (0.00)				
year=2011	0.17***	-0.03	-0.12**	-0.02
> -0.00	(0.04)	(0.03)	(0.04)	(0.01)
> (0.00)				
year=2012	0.19***	-0.06*	-0.11**	-0.02
> 0.00	(0.04)	(0.02)	(0.04)	(0.01)

```

>      (0.00)
Constant      -0.01      0.31***      0.57***      0.07*
>      0.01
              (0.16)      (0.08)      (0.11)      (0.03)
>      (0.00)

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

Private Insurance Service Util: Organ Acquisition (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
Cnty avg. HHI sys ~e	0.04	0.01	-0.03	0.00
> 0.00	(0.04)	(0.04)	(0.02)	(0.00)
> (.)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.03	0.00	-0.00	-0.00
> 0.00	(0.04)	(0.02)	(0.03)	(0.01)
> (.)				
year=2008	-0.02	0.03	0.03	-0.01
> 0.00	(0.06)	(0.05)	(0.04)	(0.00)
> (.)				
year=2009	0.10	-0.02	-0.03	-0.01
> 0.00	(0.06)	(0.02)	(0.05)	(0.00)
> (.)				
year=2010	0.12	-0.01	-0.04	-0.00
> 0.00	(0.07)	(0.02)	(0.03)	(0.01)
> (.)				
year=2011	0.06	-0.01	-0.02	-0.01
> 0.00	(0.05)	(0.03)	(0.03)	(0.00)
> (.)				
year=2012	0.08	-0.04	-0.01	-0.00
> 0.00	(0.06)	(0.03)	(0.04)	(0.00)
> (.)				
Constant	0.36***	0.14*	0.39***	0.01
> 0.00	(0.07)	(0.06)	(0.04)	(0.01)
> (.)				

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

Private Insurance Service Util: Other implants (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
Cnty avg. HHI sys ~e	0.00	-0.02	0.00	0.01**
> -0.01	(0.01)	(0.01)	(0.01)	(0.00)
> (0.00)				
year=2006	0.00	0.00	0.00	0.00

>	0.00	(.)	(.)	(.)	(.)
>	(.)				
year=2007	-0.02	0.01	0.02	-0.00	
>	-0.00				
>	(0.00)	(0.01)	(0.01)	(0.01)	(0.00)
year=2008	-0.02	0.01	0.01	-0.00	
>	-0.00				
>	(0.00)	(0.01)	(0.01)	(0.01)	(0.00)
year=2009	-0.02	0.02**	0.00	0.00	
>	0.00				
>	(0.00)	(0.01)	(0.01)	(0.01)	(0.00)
year=2010	-0.02	0.02***	-0.01	-0.00	
>	-0.00				
>	(0.00)	(0.01)	(0.01)	(0.01)	(0.00)
year=2011	-0.02	0.03***	-0.01	-0.01	
>	-0.01				
>	(0.01)	(0.01)	(0.01)	(0.01)	(0.00)
year=2012	-0.02	0.03***	-0.02*	-0.01	
>	0.01				
>	(0.01)	(0.01)	(0.01)	(0.01)	(0.00)
Constant	0.50***	0.13***	0.32***	0.02***	
>	0.01*				
>	(0.01)	(0.02)	(0.03)	(0.02)	(0.01)

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

Private Insurance Service Util: Radiology/Chemotherapy (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
b/se				
Cnty avg. HHI sys ~e	-0.01	0.04	-0.05*	0.02
>	-0.00			
>	(0.02)	(0.02)	(0.02)	(0.01)
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)	(0.01)
year=2008	0.01	0.00	0.00	-0.00
>	-0.00			
>	(0.01)	(0.01)	(0.01)	(0.01)
year=2009	0.02	-0.01	-0.02	0.01
>	-0.00			
>	(0.02)	(0.01)	(0.02)	(0.01)
year=2010	0.00	-0.00	-0.01	0.01
>	-0.00			
>	(0.02)	(0.01)	(0.02)	(0.01)
year=2011	0.03	-0.01	-0.02	-0.00
>	0.00			
>	(0.02)	(0.01)	(0.02)	(0.01)
>	(0.00)			

year=2012	0.04*	-0.00	-0.02	-0.01*
> -0.00				
	(0.02)	(0.01)	(0.02)	(0.01)
> (0.00)				
Constant	0.49***	0.12**	0.36***	-0.01
> 0.00				
	(0.04)	(0.04)	(0.04)	(0.03)
> (0.00)				

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

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7 .
8 .
9 . *****
10. * Log close
11. log close
    name: <unnamed>
    log: /gpfs/scratch/azc211/ny_mergers/logs/fe_util_hhi_20190308.smcl
    log type: smcl
    closed on: 8 Mar 2019, 15:32:39

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