



```

name: <unnamed>
log: /gpfs/scratch/azc211/ny_mergers/logs/hcup_outcomes_hhi_hosp_await_20190
> 330.smcl
log type: smcl
opened on: 30 Mar 2019, 18:26:21

```

```

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 [await=discharges_year], fe vce(clust
> er cnty)
* * *
* * * DISCHARGES * * *

```

Discharges (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	0.14	-0.89	1.25	0.80
> 4.60	(0.29)	(0.54)	(0.69)	(0.80)
> (6.29)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.02**	-0.04*	-0.02	0.06
> 0.42	(0.01)	(0.02)	(0.01)	(0.04)
> (0.41)				
year=2008	0.02	0.03	-0.05**	0.07*
> 0.08	(0.01)	(0.03)	(0.02)	(0.03)
> (0.53)				
year=2009	0.04***	0.05	-0.03	0.03
> 0.62	(0.01)	(0.04)	(0.02)	(0.05)
> (0.50)				
year=2010	0.06**	0.05	-0.04	-0.07
> 0.58	(0.02)	(0.05)	(0.04)	(0.09)
> (0.72)				
year=2011	0.07***	0.05	-0.00	-0.12
> 0.57	(0.02)	(0.06)	(0.04)	(0.11)
> (0.79)				
year=2012	0.07**	0.00	-0.01	-0.16
> 0.80	(0.02)	(0.07)	(0.05)	(0.15)
> (1.02)				
total_enroll_log	-0.11	0.64***	-0.37*	-0.41
> -1.65	(0.11)	(0.16)	(0.14)	(0.45)
> (5.16)				
Constant	10.54***	-1.01	13.95***	12.37
> 26.53	(1.71)	(2.47)	(2.21)	(6.82)
> (79.37)				

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

Discharges (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	-0.06	-0.26**	0.29*	0.06*
> 0.00	(0.07)	(0.09)	(0.12)	(0.03)
> (0.01)				
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	0.01**	-0.00	-0.01***	0.01**
> 0.00	(0.00)	(0.00)	(0.00)	(0.00)
> (0.00)				
year=2009	0.01**	0.01	-0.01**	0.00
> 0.00	(0.00)	(0.01)	(0.00)	(0.00)
> (0.00)				
year=2010	0.01***	0.01	-0.02*	-0.01*
> 0.00	(0.00)	(0.01)	(0.01)	(0.00)
> (0.00)				
year=2011	0.01**	0.03*	-0.01	-0.03***
> 0.00	(0.00)	(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	0.00	0.01	-0.09**	0.08*
> -0.01	(0.03)	(0.04)	(0.03)	(0.03)
> (0.01)				
Constant	0.32	0.14	1.57***	-1.17*
> 0.08	(0.44)	(0.56)	(0.45)	(0.48)
> (0.16)				

* 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	-1.36	-1.86	0.03	-0.35
> 1.97	(1.37)	(1.36)	(1.40)	(1.13)
> (2.83)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				

year=2007	-0.04	-0.08	-0.09	0.05
> 0.69				
	(0.12)	(0.08)	(0.08)	(0.12)
> (0.36)				
year=2008	0.19	0.15	0.08	0.25
> 0.47				
	(0.13)	(0.09)	(0.10)	(0.14)
> (0.44)				
year=2009	0.37*	0.35**	0.25	0.34
> 1.14**				
	(0.17)	(0.13)	(0.15)	(0.18)
> (0.35)				
year=2010	0.76**	0.67*	0.54*	0.51*
> 1.22*				
	(0.27)	(0.28)	(0.26)	(0.24)
> (0.55)				
year=2011	1.16*	1.00	0.91*	0.71
> 1.07				
	(0.46)	(0.50)	(0.44)	(0.36)
> (0.64)				
year=2012	1.34*	1.09	1.02	0.80
> 1.57				
	(0.56)	(0.60)	(0.52)	(0.42)
> (0.82)				
total_enroll_log	-3.03	-1.77	-2.71	-2.47*
> -4.04				
	(1.54)	(1.63)	(1.44)	(1.18)
> (4.62)				
Constant	54.69*	34.89	48.76*	43.41*
> 63.87				
	(23.66)	(25.04)	(22.05)	(18.10)
> (70.92)				

* 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	-0.81	-1.62	-1.03	-0.97
> 0.57				
	(1.06)	(1.59)	(1.22)	(1.28)
> (2.10)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.06*	-0.06*	-0.06	0.04
> 0.16				
	(0.03)	(0.03)	(0.04)	(0.04)
> (0.49)				
year=2008	-0.04	-0.05	-0.03	0.08
> 0.28				
	(0.06)	(0.06)	(0.07)	(0.06)
> (0.30)				
year=2009	-0.00	-0.06	0.05	0.09
> 0.14				
	(0.05)	(0.07)	(0.06)	(0.08)
> (0.31)				
year=2010	0.12	-0.00	0.14	0.12
> 0.38				
	(0.09)	(0.10)	(0.08)	(0.13)
> (0.47)				
year=2011	0.16	-0.08	0.22*	0.04
> 0.23				
	(0.10)	(0.11)	(0.10)	(0.13)

>	(0.51)				
year=2012		0.15	-0.18	0.25*	-0.03
>	0.19				
		(0.12)	(0.14)	(0.12)	(0.17)
>	(0.50)				
total_enroll_log		-0.66	0.94*	-0.83*	-1.07*
>	0.58				
		(0.48)	(0.36)	(0.41)	(0.52)
>	(1.92)				
Constant		15.46*	-7.96	17.84**	20.57*
>	-8.43				
		(7.34)	(5.63)	(6.28)	(7.98)
>	(29.57)				

* 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
> b/se				
hhi_hosp	0.16	-0.62	1.26	1.05
> 3.87				
	(0.76)	(1.40)	(1.61)	(0.91)
> (3.07)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.01	-0.10**	-0.08*	0.16**
> 0.50				
	(0.03)	(0.03)	(0.04)	(0.06)
> (0.32)				
year=2008	0.03	-0.02	-0.07	0.15*
> 0.43				
	(0.04)	(0.04)	(0.06)	(0.07)
> (0.34)				
year=2009	0.07	0.11*	0.02	-0.01
> 0.39				
	(0.03)	(0.05)	(0.04)	(0.07)
> (0.31)				
year=2010	0.03	0.19*	0.11	-0.13
> 0.51				
	(0.04)	(0.10)	(0.07)	(0.10)
> (0.43)				
year=2011	0.01	0.38	0.24	-0.25
> 0.50				
	(0.07)	(0.21)	(0.16)	(0.14)
> (0.48)				
year=2012	0.05	0.41	0.25	-0.39
> 0.00				
	(0.08)	(0.26)	(0.21)	(0.22)
> (0.29)				
total_enroll_log	-0.31	-0.46	-0.78	0.74
> 0.18				
	(0.36)	(0.71)	(0.64)	(0.73)
> (1.56)				
Constant	4.74	11.00	15.20	-9.94
> -4.29				
	(5.32)	(11.11)	(10.05)	(11.08)
> (23.81)				

* 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	-0.84	-1.04	-0.17	-0.23
> -1.33	(0.51)	(0.58)	(0.63)	(0.69)
> (1.11)	0.00	0.00	0.00	0.00
year=2006	(.)	(.)	(.)	(.)
> 0.00	-0.04	-0.01	-0.05	0.07
> (.)	(0.04)	(0.04)	(0.03)	(0.04)
year=2007	-0.00	0.08	-0.02	0.12**
> 0.29	(0.05)	(0.04)	(0.04)	(0.04)
> (0.24)	-0.05	0.00	-0.07*	0.05
year=2008	(0.06)	(0.05)	(0.03)	(0.06)
> 0.22	-0.09	-0.06	-0.12	-0.03
> (0.28)	(0.08)	(0.09)	(0.07)	(0.09)
year=2010	-0.16	-0.15	-0.22*	-0.07
> 0.31	(0.10)	(0.12)	(0.10)	(0.10)
> (0.41)	-0.20	-0.27	-0.25	-0.13
year=2011	(0.13)	(0.15)	(0.13)	(0.10)
> 0.17	0.51	1.37*	0.29	0.41
> (0.39)	(0.74)	(0.68)	(0.70)	(0.44)
year=2012	-2.57	-16.66	0.11	-3.51
> 0.14	(11.29)	(10.35)	(10.56)	(6.66)
> (0.44)				
total_enroll_log				
> 1.47				
> (1.77)				
Constant				
> -21.58				
> (27.35)				

* 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
hhi_hosp	0.66	0.14	1.64	1.37
> 1.42	(0.57)	(0.62)	(0.91)	(0.71)
> (1.34)	0.00	0.00	0.00	0.00
year=2006	(.)	(.)	(.)	(.)
> 0.00				
> (.)				

year=2007	-0.06*	-0.03	-0.04	0.06
> 0.06				
	(0.02)	(0.03)	(0.04)	(0.04)
> (0.13)				
year=2008	-0.05*	0.04	-0.06	0.09
> -0.04				
	(0.02)	(0.03)	(0.03)	(0.06)
> (0.35)				
year=2009	-0.08	-0.02	-0.09	0.06
> 0.42				
	(0.05)	(0.04)	(0.05)	(0.06)
> (0.27)				
year=2010	-0.11	-0.05	-0.19***	-0.02
> 0.35				
	(0.07)	(0.06)	(0.05)	(0.09)
> (0.34)				
year=2011	-0.05	-0.04	-0.10	0.03
> 0.30				
	(0.12)	(0.11)	(0.10)	(0.12)
> (0.33)				
year=2012	-0.09	-0.14	-0.17	-0.01
> 0.39				
	(0.15)	(0.14)	(0.12)	(0.13)
> (0.45)				
total_enroll_log	-0.35	0.54	-0.49	-0.87*
> -1.99				
	(0.42)	(0.43)	(0.39)	(0.41)
> (2.50)				
Constant	11.32	-3.35	12.25*	16.02*
> 31.33				
	(6.45)	(6.57)	(5.93)	(6.33)
> (38.47)				

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

Service Util: Observation (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
> NoCharge	b/se	b/se	b/se	b/se
> b/se				
hhi_hosp	1.47	-0.34	0.78	0.90
> -2.67				
	(2.27)	(2.51)	(2.40)	(1.43)
> (2.52)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.15	-0.08	-0.11	0.04
> 0.33				
	(0.13)	(0.17)	(0.20)	(0.10)
> (0.19)				
year=2008	0.22	-0.00	-0.09	0.11
> 0.52				
	(0.18)	(0.20)	(0.21)	(0.13)
> (0.34)				
year=2009	0.09	-0.03	-0.11	0.05
> 0.26				
	(0.20)	(0.22)	(0.24)	(0.12)
> (0.22)				
year=2010	0.14	-0.02	-0.04	0.03
> 0.58				
	(0.25)	(0.31)	(0.35)	(0.13)
> (0.51)				
year=2011	0.46	-0.03	-0.10	0.18
> 0.53				
	(0.29)	(0.37)	(0.43)	(0.16)

>	(0.54)				
year=2012		0.47	0.05	-0.07	0.21
>	0.61				
		(0.35)	(0.38)	(0.43)	(0.17)
>	(0.63)				
total_enroll_log		2.65*	1.77	2.14	0.52
>	0.84				
		(1.28)	(1.33)	(1.47)	(0.65)
>	(2.87)				
Constant		-40.15*	-25.95	-31.72	-7.86
>	-12.24				
		(19.41)	(20.10)	(22.45)	(9.95)
>	(43.98)				

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

Service Util: Organ Acquisition (log counts)

	Medicare	Medicaid	PrivIns	SelfPay
> NoCharge				
	b/se	b/se	b/se	b/se
> b/se				
hhi_hosp	0.49	0.22	0.29	-0.18
> 0.00				
	(0.68)	(0.48)	(0.59)	(0.18)
> (.)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.01	0.02	0.03	-0.04
> 0.00				
	(0.02)	(0.03)	(0.04)	(0.02)
> (.)				
year=2008	-0.03	-0.03	0.04	-0.05*
> 0.00				
	(0.04)	(0.03)	(0.03)	(0.02)
> (.)				
year=2009	-0.01	-0.04	0.01	0.05
> 0.00				
	(0.04)	(0.04)	(0.05)	(0.09)
> (.)				
year=2010	0.02	-0.05	0.02	0.16
> 0.00				
	(0.05)	(0.05)	(0.07)	(0.15)
> (.)				
year=2011	0.04	-0.01	0.07	0.15
> 0.00				
	(0.06)	(0.06)	(0.08)	(0.13)
> (.)				
year=2012	-0.05	-0.12	-0.02	0.21
> 0.00				
	(0.14)	(0.09)	(0.12)	(0.18)
> (.)				
total_enroll_log	-0.13	0.23	-0.18	-0.58
> 0.00				
	(0.19)	(0.23)	(0.21)	(0.42)
> (.)				
Constant	2.91	-2.86	3.61	9.02
> 0.00				
	(3.03)	(3.65)	(3.28)	(6.39)
> (.)				

* 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
hhi_hosp	-1.36	-2.13*	-0.25	-0.78
> -2.35	(1.19)	(0.94)	(1.25)	(0.88)
> (2.05)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.05	0.12*	0.06	0.11*
> 0.28	(0.05)	(0.05)	(0.04)	(0.05)
> (0.30)				
year=2008	0.19*	0.35***	0.20*	0.28**
> 0.27	(0.08)	(0.07)	(0.08)	(0.10)
> (0.33)				
year=2009	0.40**	0.53***	0.37*	0.38*
> 0.67	(0.15)	(0.13)	(0.14)	(0.15)
> (0.44)				
year=2010	0.68**	0.75***	0.58**	0.55*
> 0.64	(0.23)	(0.20)	(0.21)	(0.21)
> (0.57)				
year=2011	0.98*	1.00**	0.86*	0.74**
> 0.64	(0.38)	(0.36)	(0.35)	(0.27)
> (0.56)				
year=2012	1.10*	1.02*	0.91*	0.82**
> 0.93	(0.45)	(0.43)	(0.41)	(0.31)
> (0.76)				
total_enroll_log	-2.12*	-0.56	-1.79	-1.85*
> -1.00	(1.05)	(1.03)	(0.98)	(0.70)
> (3.51)				
Constant	38.80*	13.86	33.13*	31.60**
> 17.11	(16.05)	(15.86)	(15.08)	(10.61)
> (53.92)				

* 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
hhi_hosp	-0.29	-0.63	0.01	1.91*
> 1.15	(0.75)	(1.10)	(0.87)	(0.77)
> (1.10)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.08***	-0.06	-0.13*	-0.08
> 0.30				

	(0.02)	(0.03)	(0.06)	(0.10)
> (0.30)				
year=2008	-0.05	0.05	-0.15***	0.04
> -0.05				
	(0.03)	(0.05)	(0.04)	(0.11)
> (0.10)				
year=2009	-0.06	-0.10*	-0.22***	-0.06
> 0.00				
	(0.04)	(0.04)	(0.05)	(0.08)
> (0.09)				
year=2010	-0.05	-0.13*	-0.24**	-0.14
> 0.23				
	(0.08)	(0.05)	(0.08)	(0.08)
> (0.22)				
year=2011	-0.06	-0.20*	-0.27**	-0.19
> 0.59				
	(0.08)	(0.09)	(0.09)	(0.10)
> (0.50)				
year=2012	-0.11	-0.29*	-0.41***	-0.15
> 0.12				
	(0.10)	(0.12)	(0.10)	(0.15)
> (0.19)				
total_enroll_log	-0.47	0.91*	-0.09	-0.27
> -0.93				
	(0.28)	(0.36)	(0.24)	(0.35)
> (0.92)				
Constant	11.44*	-10.18	5.34	4.68
> 14.05				
	(4.38)	(5.61)	(3.60)	(5.36)
> (14.24)				

* 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	-0.16*	-0.10	0.21**	0.05*
> -0.01				
	(0.07)	(0.06)	(0.08)	(0.03)
> (0.01)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.01	-0.01	-0.01	0.01**
> 0.00				
	(0.01)	(0.00)	(0.00)	(0.00)
> (0.00)				
year=2008	0.01	-0.01	-0.01*	0.01**
> 0.00				
	(0.01)	(0.01)	(0.01)	(0.00)
> (0.00)				
year=2009	0.01	-0.00	-0.01*	0.00
> 0.00				
	(0.01)	(0.01)	(0.00)	(0.00)
> (0.00)				
year=2010	0.03	-0.01	-0.02***	-0.01
> 0.00				
	(0.01)	(0.01)	(0.00)	(0.00)
> (0.00)				
year=2011	0.03*	0.00	-0.01**	-0.02**
> 0.00				
	(0.01)	(0.02)	(0.00)	(0.01)
> (0.00)				

year=2012	0.04**	-0.00	-0.01**	-0.03**
> 0.00				
	(0.01)	(0.02)	(0.00)	(0.01)
> (0.00)				
total_enroll_log	-0.07	0.08	-0.06*	0.06*
> -0.01				
	(0.05)	(0.04)	(0.02)	(0.03)
> (0.01)				
Constant	1.57*	-0.91	1.08**	-0.83
> 0.11				
	(0.69)	(0.61)	(0.34)	(0.43)
> (0.19)				

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

Service Util: Mental Health/Substance Abuse (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
	b/se	b/se	b/se	b/se
hhi_hosp	0.18	-0.23	0.06	-0.01
> 0.00				
	(0.18)	(0.18)	(0.12)	(0.08)
> (0.01)				
year=2006	0.00	0.00	0.00	0.00
> 0.00				
	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.01	0.01	-0.00	0.00
> 0.00				
	(0.01)	(0.01)	(0.01)	(0.00)
> (0.00)				
year=2008	-0.01	0.01	-0.00	0.00
> 0.00				
	(0.01)	(0.01)	(0.01)	(0.01)
> (0.00)				
year=2009	-0.02*	0.00	0.01	0.00
> 0.00				
	(0.01)	(0.02)	(0.01)	(0.01)
> (0.00)				
year=2010	-0.00	-0.00	0.01	0.00
> 0.00				
	(0.01)	(0.02)	(0.01)	(0.01)
> (0.00)				
year=2011	0.01	-0.04*	0.01	0.02
> -0.00				
	(0.01)	(0.02)	(0.02)	(0.02)
> (0.00)				
year=2012	0.02	-0.04	0.02	-0.00
> -0.00				
	(0.02)	(0.02)	(0.02)	(0.01)
> (0.00)				
total_enroll_log	-0.10*	0.34***	-0.08	-0.11
> 0.01				
	(0.05)	(0.06)	(0.04)	(0.06)
> (0.02)				
Constant	1.66*	-4.61***	1.47*	1.77*
> -0.20				
	(0.73)	(0.98)	(0.68)	(0.86)
> (0.24)				

* 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
hhi_hosp	0.02	-0.84*	0.62	0.21
> 0.02	(0.02)	(0.41)	(0.42)	(0.16)
> (0.02)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.00	-0.02	0.00	0.02*
> 0.00	(0.00)	(0.01)	(0.01)	(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	-0.02	0.00
> 0.00	(0.00)	(0.02)	(0.02)	(0.01)
> (0.00)				
year=2010	0.00	0.04	-0.02	-0.02*
> 0.00	(0.00)	(0.03)	(0.02)	(0.01)
> (0.00)				
year=2011	0.00	0.09*	-0.01	-0.07**
> 0.00	(0.00)	(0.04)	(0.03)	(0.02)
> (0.00)				
year=2012	0.00	0.11*	-0.02	-0.09**
> 0.00	(0.00)	(0.05)	(0.03)	(0.03)
> (0.00)				
total_enroll_log	-0.01	-0.06	-0.16*	0.23*
> 0.00	(0.01)	(0.13)	(0.07)	(0.08)
> (0.01)				
Constant	0.22	1.65	2.83*	-3.55*
> -0.01	(0.15)	(2.00)	(1.05)	(1.30)
> (0.17)				

* 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	-0.19	-0.14	0.27	0.08*
> -0.01	(0.16)	(0.07)	(0.16)	(0.04)
> (0.01)				
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)	(0.01)	(0.01)	(0.01)	(0.00)
year=2008	-0.00	-0.00	0.00	0.01**	
>	0.00	(0.02)	(0.01)	(0.02)	(0.00)
>	(0.00)	0.01	0.01	-0.02*	0.01*
year=2009	0.01	0.01	-0.02*	0.01*	
>	0.00	(0.01)	(0.01)	(0.01)	(0.00)
>	(0.00)	0.02	0.01	-0.02	-0.00
year=2010	0.02	0.01	-0.02	-0.00	
>	0.00	(0.02)	(0.01)	(0.01)	(0.00)
>	(0.00)	0.04	0.01	-0.03	-0.01
year=2011	0.04	0.01	-0.03	-0.01	
>	0.00	(0.02)	(0.01)	(0.01)	(0.00)
>	(0.00)	0.04	0.01	-0.03	-0.01*
year=2012	0.04	0.01	-0.03	-0.01*	
>	0.00	(0.03)	(0.01)	(0.02)	(0.00)
>	(0.00)	-0.07	0.04	-0.07	0.04*
total_enroll_log	-0.07	0.04	-0.07	0.04*	
>	0.01	(0.10)	(0.04)	(0.06)	(0.02)
>	(0.02)	1.64	-0.40	1.21	-0.63*
Constant	1.64	-0.40	1.21	-0.63*	
>	-0.20	(1.58)	(0.60)	(0.99)	(0.30)
>	(0.32)				

* 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
b/se				
hhi_hosp	-0.12	-0.12*	0.13	0.07***
>	0.00	(0.07)	(0.04)	(0.08)
>	(0.00)	0.00	0.00	0.00
year=2006	0.00	0.00	0.00	0.00
>	0.00	(.)	(.)	(.)
>	(.)	-0.01*	0.00	0.01**
year=2007	-0.01*	-0.00	0.00	0.01**
>	0.00	(0.00)	(0.00)	(0.00)
>	(0.00)	0.01	-0.00	0.01**
year=2008	-0.01*	0.01	-0.00	0.01**
>	-0.00	(0.00)	(0.00)	(0.00)
>	(0.00)	0.01	-0.00	0.01**
year=2009	-0.01	0.01	-0.00	0.01**
>	0.00	(0.01)	(0.00)	(0.00)
>	(0.00)	-0.00	0.01*	0.00
year=2010	-0.00	0.01*	-0.01*	0.00
>	0.00	(0.01)	(0.00)	(0.00)
>	(0.00)	0.00	-0.01	-0.01*
year=2011	0.00	0.02*	-0.01	-0.01*
>	0.00	(0.01)	(0.01)	(0.00)
>	(0.00)			

year=2012	0.01	0.01	-0.01	-0.01*
> 0.00	(0.01)	(0.01)	(0.01)	(0.01)
> (0.00)				
total_enroll_log	-0.00	0.03	-0.05	0.03
> -0.00	(0.03)	(0.03)	(0.02)	(0.02)
> (0.01)				
Constant	0.62	-0.16	0.93*	-0.44
> 0.04	(0.43)	(0.43)	(0.37)	(0.29)
> (0.12)				

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

Service Util: Observation (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
	b/se	b/se	b/se	b/se
hhi_hosp	-0.17	-0.35	0.17	0.28
> 0.00	(0.42)	(0.30)	(0.36)	(0.17)
> (0.01)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	0.08	-0.04	-0.04	0.01
> -0.00	(0.09)	(0.04)	(0.05)	(0.01)
> (0.00)				
year=2008	0.07	-0.03	-0.12	0.08
> 0.00*	(0.08)	(0.05)	(0.07)	(0.06)
> (0.00)				
year=2009	0.01	-0.03	0.03	-0.00
> -0.00	(0.05)	(0.03)	(0.04)	(0.01)
> (0.00)				
year=2010	-0.01	-0.04	0.09	-0.03
> 0.01	(0.08)	(0.03)	(0.06)	(0.03)
> (0.00)				
year=2011	0.12	-0.05	0.01	-0.08*
> 0.01	(0.14)	(0.04)	(0.11)	(0.04)
> (0.01)				
year=2012	0.04	-0.07	0.06	-0.03
> 0.01	(0.15)	(0.04)	(0.11)	(0.07)
> (0.01)				
total_enroll_log	0.47	0.13	-0.70	0.13
> -0.02	(0.61)	(0.15)	(0.45)	(0.20)
> (0.02)				
Constant	-6.31	-1.46	10.17	-1.95
> 0.28	(8.59)	(2.06)	(6.37)	(2.88)
> (0.33)				

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

Service Util: Organ Acquisition (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	0.75	-0.26	-0.61	0.03
> 0.00	(0.53)	(0.29)	(0.40)	(0.03)
> (.)				
year=2006	0.00	0.00	0.00	0.00
> 0.00	(.)	(.)	(.)	(.)
> (.)				
year=2007	-0.01	0.01	0.01	0.00
> 0.00	(0.03)	(0.02)	(0.03)	(0.01)
> (.)				
year=2008	-0.05	0.02	0.05	-0.01**
> 0.00	(0.03)	(0.02)	(0.03)	(0.00)
> (.)				
year=2009	0.04	-0.03	0.01	-0.00*
> 0.00	(0.04)	(0.02)	(0.03)	(0.00)
> (.)				
year=2010	0.04	-0.04	0.02	0.00
> 0.00	(0.04)	(0.03)	(0.03)	(0.00)
> (.)				
year=2011	0.03	-0.05	0.04	-0.00
> 0.00	(0.05)	(0.04)	(0.03)	(0.00)
> (.)				
year=2012	0.05	-0.09	0.06**	0.00
> 0.00	(0.05)	(0.05)	(0.02)	(0.00)
> (.)				
total_enroll_log	-0.19	0.36*	-0.20	-0.01
> 0.00	(0.14)	(0.16)	(0.15)	(0.01)
> (.)				
Constant	3.15	-5.43*	3.70	0.15
> 0.00	(2.25)	(2.49)	(2.31)	(0.08)
> (.)				

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

Service Util: Other implants (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
NoCharge	b/se	b/se	b/se	b/se
hhi_hosp	-0.14	-0.13*	0.32**	-0.03
> -0.01	(0.09)	(0.06)	(0.10)	(0.04)
> (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				

>	(0.00)	(0.01)	(0.00)	(0.01)	(0.00)
year=2008	-0.02*	0.01*	0.00	0.00	0.00*
>	0.00	(0.01)	(0.00)	(0.01)	(0.00)
>	(0.00)	(0.01)	(0.00)	(0.01)	(0.00)
year=2009	-0.01*	0.02**	-0.01	0.00	0.00
>	0.00	(0.01)	(0.00)	(0.00)	(0.00)
>	(0.00)	(0.01)	(0.00)	(0.00)	(0.00)
year=2010	-0.01	0.02**	-0.02**	0.00	0.00
>	0.00	(0.01)	(0.01)	(0.01)	(0.00)
>	(0.00)	(0.01)	(0.01)	(0.01)	(0.00)
year=2011	-0.01	0.03*	-0.02**	-0.00	-0.00
>	0.00	(0.01)	(0.01)	(0.01)	(0.01)
>	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)
year=2012	0.00	0.02	-0.03**	-0.00	-0.00
>	0.01	(0.01)	(0.01)	(0.01)	(0.01)
>	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)
total_enroll_log	-0.05	0.04	0.02	0.01	0.01
>	-0.01	(0.03)	(0.03)	(0.03)	(0.02)
>	(0.01)	(0.03)	(0.03)	(0.03)	(0.02)
Constant	1.25*	-0.37	-0.10	-0.04	-0.04
>	0.20	(0.50)	(0.41)	(0.53)	(0.30)
>	(0.20)	(0.50)	(0.41)	(0.53)	(0.30)

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

Service Util: Radiology/Chemotherapy (proportions)

	Medicare	Medicaid	PrivIns	SelfPay
	b/se	b/se	b/se	b/se
> NoCharge				
> b/se				
hhi_hosp	-0.18	-0.12	0.15	0.11*
> -0.00	(0.16)	(0.16)	(0.14)	(0.05)
> (0.02)	0.00	0.00	0.00	0.00
year=2006	(.)	(.)	(.)	(.)
> (.)	0.01	0.00	0.00	-0.00
year=2007	(0.01)	(0.01)	(0.01)	(0.00)
> 0.00	0.01	0.01	-0.01	-0.00
> (0.00)	(0.01)	(0.01)	(0.01)	(0.00)
year=2008	0.01	0.01	-0.01	-0.00
> -0.00	(0.01)	(0.01)	(0.01)	(0.00)
> (0.00)	0.03**	0.00	-0.03***	0.00
year=2009	(0.01)	(0.01)	(0.01)	(0.00)
> 0.00	0.03*	0.00	-0.03**	0.00
> (0.00)	(0.01)	(0.01)	(0.01)	(0.01)
year=2010	0.04*	-0.00	-0.03	-0.01
> 0.01	(0.02)	(0.01)	(0.02)	(0.01)
> (0.01)	0.05*	0.01	-0.04*	-0.02
year=2012				

>	0.00				
		(0.02)	(0.02)	(0.02)	(0.01)
>	(0.00)				
total_enroll_log	-0.07	0.06	-0.00	0.02	
>	-0.00				
		(0.07)	(0.07)	(0.05)	(0.02)
>	(0.02)				
Constant	1.57	-0.68	0.32	-0.34	
>	0.03				
		(1.09)	(1.00)	(0.70)	(0.37)
>	(0.27)				

* 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_hhi_hosp_await_20190
> 330.smcl
 log type: smcl
 closed on: 30 Mar 2019, 18:26:31
