**STaTa®**
**Statistics/Data Analysis**

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```
      name:  <unnamed>
       log:  /gpfs/scratch/azc211/ny_mergers/logs/fe_util_hhi_20190318.smcl
  log type:  smcl
 opened on:  18 Mar 2019, 15:08:16
```

1 .
2 . quietly {

  **\* \* \* avg_hhisys_cnty terciles for 2006 \* \***

  **... Tercile 1:  0.249**
  **... Tercile 2:  0.436**

  **\* \* \* Model specifications \* \* \***
  **xvars: i.post_anytarget i.year**
  **panel var: ahaid**
  **cluster var: cnty**

  **\* \* \* DISCHARGES \* \* \***

  Discharges (log counts)
_____

| _____ <br> >   NoCharge <br> >     b/se | Medicare <br> b/se | Medicaid <br> b/se | PrivIns <br> b/se | SelfPay <br> b/se |
|---|---|---|---|---|
| _____ | | | | |
| post_anytarget=0 <br> >    0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| >     (.) | (.) | (.) | (.) | (.) |
| post_anytarget=1 <br> >    0.02 | -0.00 | 0.06 | 0.03 | 0.00 |
| >    (0.32) | (0.04) | (0.10) | (0.06) | (0.08) |
| year=2006 <br> >    0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| >     (.) | (.) | (.) | (.) | (.) |
| year=2007 <br> >    0.21 | -0.04** | -0.05 | 0.01 | 0.02 |
| >    (0.28) | (0.01) | (0.03) | (0.02) | (0.06) |
| year=2008 <br> >   -0.12 | -0.02 | -0.01 | -0.04 | -0.02 |
| >    (0.41) | (0.02) | (0.03) | (0.03) | (0.06) |
| year=2009 <br> >    0.45 | -0.04 | 0.03 | -0.05 | -0.12 |
| >    (0.28) | (0.03) | (0.04) | (0.03) | (0.07) |
| year=2010 <br> >   -0.09 | -0.11* | 0.01 | -0.16*** | -0.19* |
| >    (0.61) | (0.04) | (0.05) | (0.04) | (0.08) |
| year=2011 <br> >   -0.20 | -0.07 | 0.06 | -0.14** | -0.26** |
| >    (0.77) | (0.04) | (0.05) | (0.05) | (0.09) |
| year=2012 <br> >    0.30 | -0.09* | 0.01 | -0.18*** | -0.27** |
| >    (0.56) | (0.04) | (0.05) | (0.05) | (0.08) |
| Constant <br> >   2.90*** | 7.92*** | 6.88*** | 7.52*** | 5.49*** |
| >    (0.38) | (0.02) | (0.03) | (0.03) | (0.05) |

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* 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 |
|---|---|---|---|---|---|
| post_anytarget=0 | 0.00 | 0.00 | 0.00 | 0.00 | > 0.00 |
| | (.) | (.) | (.) | (.) | > (.) |
| post_anytarget=1 | -0.00 | 0.01 | 0.01 | -0.00 | > 0.00 |
| | (0.01) | (0.01) | (0.01) | (0.01) | > (0.00) |
| year=2006 | 0.00 | 0.00 | 0.00 | 0.00 | > 0.00 |
| | (.) | (.) | (.) | (.) | > (.) |
| year=2007 | -0.01** | -0.00* | 0.01* | 0.01 | > 0.00 |
| | (0.00) | (0.00) | (0.00) | (0.00) | > (0.00) |
| year=2008 | -0.00 | 0.00 | -0.01 | 0.00 | > -0.00 |
| | (0.00) | (0.00) | (0.01) | (0.00) | > (0.00) |
| year=2009 | -0.01 | 0.01* | -0.01 | -0.00 | > 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 | 0.03*** | -0.02** | -0.01** | > -0.00 |
| | (0.01) | (0.01) | (0.01) | (0.00) | > (0.00) |
| year=2012 | 0.00 | 0.02*** | -0.03** | -0.02** | > 0.00 |
| | (0.01) | (0.01) | (0.01) | (0.01) | > (0.00) |
| Constant | 0.43*** | 0.18*** | 0.31*** | 0.05*** | > 0.01*** |
| | (0.00) | (0.00) | (0.00) | (0.00) | > (0.00) |

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* p<0.05, ** p<0.01, *** p<0.001
**\* \* \* SERVICE UTILIZATIONS \* \* \***
3 **. . . Medicaid services . . .**

Medicaid Service Util: Emergency Department (log counts)

| | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se | > NoCharge > b/se |
|---|---|---|---|---|---|
| post_anytarget=0 | 0.00 | 0.00 | 0.00 | 0.00 | > 0.00 |
| | (.) | (.) | (.) | (.) | > (.) |
| post_anytarget=1 | -0.24* | -0.09 | -0.12 | -0.10 | |

| | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se | NoCharge b/se |
|---|---|---|---|---|---|
| | | | | | 0.07 |
| | (0.12) | (0.11) | (0.10) | (0.10) | (0.31) |
| year=2006 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | (.) | (.) | (.) | (.) | (.) |
| year=2007 | -0.04 | 0.01 | 0.06 | 0.03 | 0.48 |
| | (0.05) | (0.04) | (0.03) | (0.07) | (0.31) |
| year=2008 | -0.02 | 0.07 | 0.04 | 0.01 | -0.07 |
| | (0.09) | (0.09) | (0.09) | (0.10) | (0.53) |
| year=2009 | -0.05 | 0.12 | -0.00 | -0.07 | 0.72 |
| | (0.12) | (0.11) | (0.11) | (0.12) | (0.38) |
| year=2010 | -0.05 | 0.14 | -0.06 | -0.14 | 0.08 |
| | (0.14) | (0.13) | (0.14) | (0.13) | (0.66) |
| year=2011 | 0.05 | 0.26* | 0.03 | -0.15 | -0.13 |
| | (0.11) | (0.11) | (0.12) | (0.12) | (0.79) |
| year=2012 | 0.12 | 0.26* | 0.04 | -0.14 | 0.53 |
| | (0.10) | (0.11) | (0.11) | (0.12) | (0.61) |
| Constant | 7.33*** | 5.90*** | 6.58*** | 4.91*** | 2.28*** |
| | (0.07) | (0.07) | (0.07) | (0.08) | (0.44) |

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

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

| | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se | NoCharge b/se |
|---|---|---|---|---|---|
| post_anytarget=0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | (.) | (.) | (.) | (.) | (.) |
| post_anytarget=1 | 0.12 | 0.02 | 0.03 | 0.00 | -0.29 |
| | (0.11) | (0.14) | (0.13) | (0.12) | (0.19) |
| year=2006 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | (.) | (.) | (.) | (.) | (.) |
| year=2007 | -0.00 | -0.02 | -0.01 | -0.02 | -0.08 |
| | (0.04) | (0.04) | (0.04) | (0.07) | (0.35) |
| year=2008 | 0.03 | -0.03 | 0.07 | -0.01 | 0.16 |
| | (0.04) | (0.04) | (0.05) | (0.07) | (0.19) |
| year=2009 | 0.02 | 0.06 | 0.06 | -0.08 | 0.21 |
| | (0.06) | (0.06) | (0.06) | (0.08) | (0.30) |

| | NoCharge b/se | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se |
|---|---|---|---|---|---|
| year=2010 | 0.30 | 0.00 | 0.09 | -0.00 | -0.13 |
| | (0.33) | (0.06) | (0.07) | (0.07) | (0.09) |
| year=2011 | 0.04 | -0.03 | 0.07 | 0.04 | -0.19* |
| | (0.40) | (0.06) | (0.07) | (0.07) | (0.09) |
| year=2012 | 0.17 | -0.06 | 0.07 | -0.02 | -0.29** |
| | (0.37) | (0.08) | (0.08) | (0.08) | (0.11) |
| Constant | 0.88** | 3.68*** | 4.01*** | 3.60*** | 2.99*** |
| | (0.25) | (0.04) | (0.04) | (0.04) | (0.06) |

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

Medicaid Service Util: Newborn (log counts)

| | NoCharge b/se | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se |
|---|---|---|---|---|---|
| post_anytarget=0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | (.) | (.) | (.) | (.) | (.) |
| post_anytarget=1 | -0.01 | -0.05 | -0.01 | -0.02 | -0.18 |
| | (0.17) | (0.09) | (0.07) | (0.07) | (0.12) |
| year=2006 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | (.) | (.) | (.) | (.) | (.) |
| year=2007 | 0.39 | 0.01 | -0.06* | -0.07* | 0.05 |
| | (0.24) | (0.02) | (0.03) | (0.03) | (0.04) |
| year=2008 | 0.32 | -0.01 | -0.04 | -0.08 | 0.07 |
| | (0.21) | (0.03) | (0.03) | (0.04) | (0.05) |
| year=2009 | 0.39 | 0.01 | 0.02 | -0.05 | 0.07 |
| | (0.23) | (0.04) | (0.04) | (0.04) | (0.05) |
| year=2010 | 0.37 | -0.04 | 0.07 | 0.02 | 0.08 |
| | (0.27) | (0.03) | (0.06) | (0.07) | (0.07) |
| year=2011 | 0.31 | -0.06 | 0.13 | 0.02 | 0.01 |
| | (0.26) | (0.04) | (0.09) | (0.11) | (0.08) |
| year=2012 | 0.23 | -0.05 | 0.13 | 0.03 | -0.04 |
| | (0.13) | (0.04) | (0.11) | (0.12) | (0.09) |
| Constant | -0.12 | 0.07* | 1.78*** | 1.83*** | 0.83*** |
| | (0.17) | (0.03) | (0.04) | (0.04) | (0.04) |

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

4 . . . **Private insurance services . . .**

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

| | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se |
|---|---|---|---|---|
| > NoCharge b/se | | | | |
| post_anytarget=0 > 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| > (.) | (.) | (.) | (.) | (.) |
| post_anytarget=1 > -0.09 | -0.14* | -0.00 | -0.07 | -0.06 |
| > (0.14) | (0.07) | (0.06) | (0.07) | (0.08) |
| year=2006 > 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| > (.) | (.) | (.) | (.) | (.) |
| year=2007 > 0.22 | -0.00 | 0.01 | -0.01 | 0.03 |
| > (0.14) | (0.04) | (0.04) | (0.03) | (0.04) |
| year=2008 > 0.22 | 0.02 | 0.06 | 0.02 | 0.02 |
| > (0.14) | (0.06) | (0.05) | (0.05) | (0.04) |
| year=2009 > 0.20 | 0.02 | 0.07 | -0.01 | 0.05 |
| > (0.16) | (0.07) | (0.04) | (0.06) | (0.04) |
| year=2010 > 0.31 | -0.01 | 0.07 | -0.02 | 0.01 |
| > (0.28) | (0.09) | (0.06) | (0.08) | (0.05) |
| year=2011 > 0.26 | -0.07 | 0.01 | -0.14 | 0.01 |
| > (0.26) | (0.09) | (0.06) | (0.08) | (0.06) |
| year=2012 > 0.26 | -0.03 | 0.01 | -0.10 | -0.04 |
| > (0.30) | (0.09) | (0.06) | (0.08) | (0.06) |
| Constant > 0.41* | 2.32*** | 1.58*** | 2.05*** | 1.20*** |
| > (0.17) | (0.06) | (0.04) | (0.05) | (0.03) |

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

Private Insurance Service Util: Nuclear Medicine (log counts)

| | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se |
|---|---|---|---|---|
| > NoCharge b/se | | | | |
| post_anytarget=0 > 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| > (.) | (.) | (.) | (.) | (.) |
| post_anytarget=1 > -0.05 | -0.03 | 0.06 | -0.07 | -0.09 |
| > (0.25) | (0.06) | (0.07) | (0.07) | (0.07) |

| | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se | NoCharge b/se |
|---|---|---|---|---|---|
| year=2006 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | (.) | (.) | (.) | (.) | (.) |
| year=2007 | -0.07** | -0.05 | -0.00 | -0.02 | -0.02 |
| | (0.03) | (0.04) | (0.03) | (0.06) | (0.16) |
| year=2008 | -0.12*** | -0.02 | -0.08 | -0.04 | -0.38 |
| | (0.03) | (0.05) | (0.04) | (0.07) | (0.39) |
| year=2009 | -0.17*** | -0.02 | -0.12* | -0.10 | 0.20 |
| | (0.04) | (0.05) | (0.06) | (0.08) | (0.20) |
| year=2010 | -0.23*** | -0.05 | -0.28*** | -0.21** | -0.21 |
| | (0.05) | (0.06) | (0.07) | (0.08) | (0.33) |
| year=2011 | -0.24*** | -0.08 | -0.25*** | -0.24** | -0.29 |
| | (0.04) | (0.06) | (0.05) | (0.08) | (0.41) |
| year=2012 | -0.32*** | -0.14* | -0.34*** | -0.29** | -0.29 |
| | (0.04) | (0.06) | (0.06) | (0.09) | (0.32) |
| Constant | 4.89*** | 3.25*** | 4.08*** | 2.31*** | 0.98*** |
| | (0.03) | (0.04) | (0.04) | (0.05) | (0.23) |

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

Private Insurance Service Util: Observation (log counts)

| | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se | NoCharge b/se |
|---|---|---|---|---|---|
| post_anytarget=0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | (.) | (.) | (.) | (.) | (.) |
| post_anytarget=1 | -0.40* | -0.15 | 0.14 | 0.02 | -0.18 |
| | (0.19) | (0.15) | (0.19) | (0.10) | (0.22) |
| year=2006 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | (.) | (.) | (.) | (.) | (.) |
| year=2007 | 0.04 | 0.02 | 0.08 | 0.07 | 0.22 |
| | (0.08) | (0.08) | (0.09) | (0.05) | (0.14) |
| year=2008 | 0.27** | 0.24* | 0.21 | 0.16 | 0.32 |
| | (0.10) | (0.11) | (0.11) | (0.08) | (0.23) |
| year=2009 | 0.35** | 0.27* | 0.31* | 0.11 | 0.15 |
| | (0.12) | (0.13) | (0.12) | (0.09) | (0.15) |
| year=2010 | 0.74*** | 0.53*** | 0.53*** | 0.15 | 0.39 |
| | (0.16) | (0.15) | (0.16) | (0.11) | |

| | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se | NoCharge b/se |
|---|---|---|---|---|---|
| | | | | | (0.39) |
| year=2011 | 1.18*** | 0.62*** | 0.66*** | 0.37** | 0.37 |
| | (0.16) | (0.16) | (0.16) | (0.12) | (0.38) |
| year=2012 | 1.58*** | 0.82*** | 0.85*** | 0.39** | 0.43 |
| | (0.20) | (0.16) | (0.17) | (0.13) | (0.43) |
| Constant | 0.87*** | 0.69*** | 0.93*** | 0.34*** | -0.06 |
| | (0.09) | (0.10) | (0.10) | (0.07) | (0.23) |

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

Private Insurance Service Util: Organ Acquisition (log counts)

| | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se | NoCharge b/se |
|---|---|---|---|---|---|
| post_anytarget=0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | (.) | (.) | (.) | (.) | (.) |
| post_anytarget=1 | 0.07 | 0.02 | 0.01 | 0.04 | 0.00 |
| | (0.07) | (0.04) | (0.02) | (0.03) | (.) |
| year=2006 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | (.) | (.) | (.) | (.) | (.) |
| year=2007 | 0.00 | 0.02 | 0.01 | -0.02 | 0.00 |
| | (0.01) | (0.01) | (0.01) | (0.02) | (.) |
| year=2008 | -0.02 | 0.01 | -0.01 | -0.04* | 0.00 |
| | (0.01) | (0.01) | (0.02) | (0.02) | (.) |
| year=2009 | -0.02 | 0.01 | -0.02 | -0.03 | 0.00 |
| | (0.01) | (0.02) | (0.02) | (0.02) | (.) |
| year=2010 | -0.02 | 0.00 | -0.03 | -0.01 | 0.00 |
| | (0.02) | (0.02) | (0.02) | (0.02) | (.) |
| year=2011 | -0.01 | 0.02 | -0.01 | -0.03 | 0.00 |
| | (0.02) | (0.02) | (0.02) | (0.02) | (.) |
| year=2012 | -0.04 | -0.02 | -0.04 | -0.01 | 0.00 |
| | (0.04) | (0.03) | (0.03) | (0.02) | (.) |
| Constant | 0.33*** | 0.21*** | 0.31*** | 0.04** | 0.00 |
| | (0.01) | (0.01) | (0.01) | (0.01) | (.) |

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

Private Insurance Service Util: Other implants (log counts)

| | NoCharge b/se | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se |
|---|---|---|---|---|---|
| post_anytarget=0 | 0.00 (.) | 0.00 (.) | 0.00 (.) | 0.00 (.) | 0.00 (.) |
| post_anytarget=1 | 0.27 (0.33) | -0.31** (0.12) | -0.14 (0.12) | -0.25* (0.11) | -0.10 (0.11) |
| year=2006 | 0.00 (.) | 0.00 (.) | 0.00 (.) | 0.00 (.) | 0.00 (.) |
| year=2007 | 0.03 (0.20) | 0.00 (0.06) | 0.08 (0.06) | 0.06 (0.06) | 0.06 (0.05) |
| year=2008 | -0.06 (0.29) | 0.07 (0.08) | 0.22** (0.07) | 0.10 (0.08) | 0.12* (0.06) |
| year=2009 | 0.29 (0.27) | 0.20 (0.12) | 0.34*** (0.09) | 0.20 (0.11) | 0.13 (0.08) |
| year=2010 | -0.06 (0.50) | 0.34* (0.15) | 0.55*** (0.12) | 0.31* (0.15) | 0.15 (0.11) |
| year=2011 | -0.07 (0.51) | 0.39** (0.14) | 0.64*** (0.12) | 0.35* (0.14) | 0.19 (0.11) |
| year=2012 | 0.34 (0.45) | 0.44** (0.14) | 0.67*** (0.12) | 0.36* (0.14) | 0.24* (0.12) |
| Constant | 0.89** (0.29) | 4.53*** (0.08) | 2.79*** (0.07) | 4.19*** (0.08) | 2.04*** (0.06) |

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

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

| | NoCharge b/se | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se |
|---|---|---|---|---|---|
| post_anytarget=0 | 0.00 (.) | 0.00 (.) | 0.00 (.) | 0.00 (.) | 0.00 (.) |
| post_anytarget=1 | -0.05 (0.14) | 0.03 (0.11) | 0.02 (0.13) | 0.06 (0.11) | -0.08 (0.09) |
| year=2006 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | (.) | (.) | (.) | (.) | |
|---|---|---|---|---|---|
| > (.) | | | | | |
| year=2007 | -0.10* | -0.06 | -0.07 | -0.03 | |
| > 0.19 | | | | | |
| | (0.05) | (0.05) | (0.05) | (0.06) | |
| > (0.24) | | | | | |
| year=2008 | -0.08 | 0.06 | -0.10 | 0.01 | |
| > -0.09 | | | | | |
| | (0.05) | (0.06) | (0.05) | (0.06) | |
| > (0.12) | | | | | |
| year=2009 | -0.10* | -0.06 | -0.18** | -0.03 | |
| > -0.09 | | | | | |
| | (0.05) | (0.05) | (0.07) | (0.06) | |
| > (0.11) | | | | | |
| year=2010 | -0.17* | -0.04 | -0.21** | -0.06 | |
| > -0.00 | | | | | |
| | (0.07) | (0.06) | (0.07) | (0.07) | |
| > (0.19) | | | | | |
| year=2011 | -0.17* | -0.08 | -0.20** | -0.08 | |
| > 0.16 | | | | | |
| | (0.07) | (0.06) | (0.07) | (0.08) | |
| > (0.33) | | | | | |
| year=2012 | -0.26** | -0.18* | -0.38*** | -0.12 | |
| > -0.06 | | | | | |
| | (0.08) | (0.07) | (0.07) | (0.08) | |
| > (0.14) | | | | | |
| Constant | 2.63*** | 1.62*** | 2.22*** | 0.65*** | |
| > 0.08 | | | | | |
| | (0.04) | (0.04) | (0.05) | (0.04) | |
| > (0.14) | | | | | |

_____

* 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 | | | | |

_____

| | Medicare | Medicaid | PrivIns | SelfPay |
|---|---|---|---|---|
| post_anytarget=0 | 0.00 | 0.00 | 0.00 | 0.00 |
| > 0.00 | | | | |
| | (.) | (.) | (.) | (.) |
| > (.) | | | | |
| post_anytarget=1 | -0.02 | 0.01 | 0.02 | -0.00 |
| > 0.00 | | | | |
| | (0.02) | (0.01) | (0.01) | (0.01) |
| > (0.00) | | | | |
| year=2006 | 0.00 | 0.00 | 0.00 | 0.00 |
| > 0.00 | | | | |
| | (.) | (.) | (.) | (.) |
| > (.) | | | | |
| year=2007 | -0.01* | -0.00 | 0.01 | 0.01 |
| > 0.00 | | | | |
| | (0.01) | (0.00) | (0.00) | (0.00) |
| > (0.00) | | | | |
| year=2008 | -0.01 | 0.00 | 0.00 | 0.00 |
| > -0.00 | | | | |
| | (0.01) | (0.00) | (0.01) | (0.00) |
| > (0.00) | | | | |
| year=2009 | -0.01 | 0.01* | -0.00 | -0.00 |
| > 0.00 | | | | |
| | (0.01) | (0.00) | (0.01) | (0.00) |
| > (0.00) | | | | |
| year=2010 | -0.01 | 0.01 | -0.01 | -0.00 |
| > -0.00 | | | | |
| | (0.01) | (0.01) | (0.01) | (0.00) |
| > (0.00) | | | | |

| | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se | NoCharge b/se |
|---|---|---|---|---|---|
| year=2011 | -0.00 | 0.03*** | -0.02 | -0.02*** | -0.00 |
| | (0.01) | (0.01) | (0.01) | (0.00) | (0.00) |
| year=2012 | 0.00 | 0.02*** | -0.02** | -0.02** | 0.01 |
| | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| Constant | 0.52*** | 0.15*** | 0.26*** | 0.06*** | 0.01*** |
| | (0.01) | (0.00) | (0.01) | (0.00) | (0.00) |

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

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

| | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se | NoCharge b/se |
|---|---|---|---|---|---|
| post_anytarget=0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | (.) | (.) | (.) | (.) | (.) |
| post_anytarget=1 | -0.00 | -0.01 | 0.02 | 0.01 | -0.00 |
| | (0.02) | (0.02) | (0.02) | (0.01) | (0.00) |
| year=2006 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | (.) | (.) | (.) | (.) | (.) |
| year=2007 | 0.01 | 0.02 | -0.01 | -0.01 | -0.01 |
| | (0.02) | (0.02) | (0.02) | (0.02) | (0.01) |
| year=2008 | 0.01 | -0.00 | 0.02 | -0.02 | -0.00 |
| | (0.02) | (0.02) | (0.02) | (0.02) | (0.01) |
| year=2009 | -0.01 | 0.03 | 0.01 | -0.03 | -0.00 |
| | (0.01) | (0.02) | (0.02) | (0.02) | (0.01) |
| year=2010 | -0.00 | 0.05** | 0.00 | -0.04* | -0.00 |
| | (0.02) | (0.02) | (0.02) | (0.02) | (0.01) |
| year=2011 | 0.01 | 0.03 | 0.00 | -0.04* | -0.00 |
| | (0.02) | (0.02) | (0.02) | (0.02) | (0.01) |
| year=2012 | -0.01 | 0.06** | -0.01 | -0.05** | -0.00 |
| | (0.01) | (0.02) | (0.02) | (0.02) | (0.01) |
| Constant | 0.25*** | 0.36*** | 0.24*** | 0.12*** | 0.01 |
| | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |

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

Medicaid Service Util: Newborn (proportions)
_____

| _____ >   NoCharge >      b/se | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se |
|---|---|---|---|---|
| _____ post_anytarget=0 >     0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| >     (.) | (.) | (.) | (.) | (.) |
| post_anytarget=1 >     0.00 | -0.00 | 0.06 | -0.02 | -0.04 |
| >     (0.00) | (0.01) | (0.05) | (0.03) | (0.04) |
| year=2006 >     0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| >     (.) | (.) | (.) | (.) | (.) |
| year=2007 >     0.00 | -0.00 | -0.01 | 0.00 | 0.01* |
| >     (0.00) | (0.00) | (0.01) | (0.02) | (0.01) |
| year=2008 >     0.00 | -0.01 | 0.04 | -0.05** | 0.02 |
| >     (0.00) | (0.01) | (0.02) | (0.01) | (0.01) |
| year=2009 >     0.00 | -0.01 | 0.05 | -0.05* | 0.02* |
| >     (0.00) | (0.00) | (0.02) | (0.02) | (0.01) |
| year=2010 >     0.00 | -0.01 | 0.01 | -0.03 | 0.03 |
| >     (0.00) | (0.00) | (0.02) | (0.02) | (0.01) |
| year=2011 >     0.00 | -0.01 | 0.07* | -0.03 | -0.02 |
| >     (0.00) | (0.01) | (0.03) | (0.03) | (0.02) |
| year=2012 >     0.00 | -0.01 | 0.07* | -0.05 | -0.02 |
| >     (0.00) | (0.01) | (0.03) | (0.03) | (0.02) |
| Constant >    -0.00 | 0.01 | 0.39*** | 0.50*** | 0.07*** |
| >     (0.00) | (0.00) | (0.01) | (0.01) | (0.01) |

_____
_____
* p<0.05, ** p<0.01, *** p<0.001
6 **. . . Private insurance services . . .**

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

| _____ >   NoCharge >      b/se | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se |
|---|---|---|---|---|
| _____ post_anytarget=0 >     0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| >     (.) | (.) | (.) | (.) | (.) |
| post_anytarget=1 >    -0.00 | -0.10* | 0.03 | 0.04 | 0.01 |
| >     (0.00) | (0.04) | (0.02) | (0.02) | (0.01) |
| year=2006 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | |
|---|---|---|---|---|---|
| > | 0.00 | | | | |
| | | (.) | (.) | (.) | (.) |
| > | (.) | | | | |
| year=2007 | | 0.02 | -0.03 | -0.01 | 0.01 |
| > | 0.00** | | | | |
| | | (0.03) | (0.02) | (0.03) | (0.01) |
| > | (0.00) | | | | |
| year=2008 | | -0.01 | -0.02 | 0.01 | 0.01 |
| > | 0.00*** | | | | |
| | | (0.04) | (0.02) | (0.03) | (0.01) |
| > | (0.00) | | | | |
| year=2009 | | 0.02 | -0.02 | -0.04 | 0.02* |
| > | 0.00* | | | | |
| | | (0.03) | (0.02) | (0.03) | (0.01) |
| > | (0.00) | | | | |
| year=2010 | | 0.03 | -0.02 | -0.03 | 0.01 |
| > | 0.00 | | | | |
| | | (0.03) | (0.02) | (0.03) | (0.01) |
| > | (0.00) | | | | |
| year=2011 | | 0.10** | -0.02 | -0.08** | 0.01 |
| > | 0.00 | | | | |
| | | (0.03) | (0.02) | (0.03) | (0.01) |
| > | (0.00) | | | | |
| year=2012 | | 0.05 | -0.02 | -0.06* | 0.01 |
| > | 0.00 | | | | |
| | | (0.03) | (0.02) | (0.02) | (0.01) |
| > | (0.00) | | | | |
| Constant | | 0.51*** | 0.14*** | 0.30*** | 0.03*** |
| > | 0.00 | | | | |
| | | (0.03) | (0.02) | (0.02) | (0.01) |
| > | (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 |
| > | b/se | | | | |

_____

| | | | | | |
|---|---|---|---|---|---|
| post_anytarget=0 | | 0.00 | 0.00 | 0.00 | 0.00 |
| > | 0.00 | | | | |
| | | (.) | (.) | (.) | (.) |
| > | (.) | | | | |
| post_anytarget=1 | | 0.02 | 0.01 | -0.02 | -0.00 |
| > | -0.00 | | | | |
| | | (0.02) | (0.01) | (0.01) | (0.01) |
| > | (0.00) | | | | |
| 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 | 0.01* | -0.01 | -0.00 |
| > | -0.00 | | | | |
| | | (0.01) | (0.00) | (0.01) | (0.00) |
| > | (0.00) | | | | |

| | Medicare | Medicaid | PrivIns | SelfPay | NoCharge |
|---|---|---|---|---|---|
| year=2011 | -0.01 | 0.02** | -0.00 | -0.01* | -0.00 |
| | (0.01) | (0.00) | (0.01) | (0.00) | (0.00) |
| year=2012 | -0.01 | 0.02** | -0.01 | -0.01* | -0.00 |
| | (0.01) | (0.01) | (0.01) | (0.00) | (0.00) |
| Constant | 0.57*** | 0.11*** | 0.25*** | 0.04*** | 0.01* |
| | (0.01) | (0.00) | (0.01) | (0.00) | (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 |
| post_anytarget=0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | (.) | (.) | (.) | (.) | (.) |
| post_anytarget=1 | -0.10 | 0.01 | 0.14** | -0.01 | -0.00 |
| | (0.07) | (0.04) | (0.05) | (0.08) | (0.00) |
| year=2006 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | (.) | (.) | (.) | (.) | (.) |
| year=2007 | -0.05 | -0.00 | 0.05 | 0.01 | 0.00 |
| | (0.04) | (0.02) | (0.04) | (0.02) | (0.00) |
| year=2008 | -0.02 | 0.02 | -0.01 | 0.01 | 0.00*** |
| | (0.04) | (0.02) | (0.04) | (0.02) | (0.00) |
| year=2009 | -0.02 | 0.03 | 0.03 | -0.03 | -0.00 |
| | (0.05) | (0.03) | (0.05) | (0.01) | (0.00) |
| year=2010 | 0.02 | 0.02 | -0.03 | -0.02 | -0.00 |
| | (0.05) | (0.03) | (0.05) | (0.02) | (0.00) |
| year=2011 | 0.11* | 0.00 | -0.09 | -0.02 | -0.00 |
| | (0.05) | (0.03) | (0.05) | (0.02) | (0.00) |
| year=2012 | 0.15** | -0.02 | -0.10* | -0.03 | 0.00 |
| | (0.06) | (0.03) | (0.05) | (0.02) | (0.00) |
| Constant | 0.40*** | 0.16*** | 0.34*** | 0.06*** | 0.01*** |
| | (0.04) | (0.02) | (0.04) | (0.01) | (0.00) |

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

Private Insurance Service Util: Organ Acquisition (proportions)
_____

| _____ <br> >    NoCharge <br> >       b/se | Medicare <br> b/se | Medicaid <br> b/se | PrivIns <br> b/se | SelfPay <br> b/se |
|---|---|---|---|---|
| _____ | | | | |
| post_anytarget=0 <br> >      0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| >      (.) | (.) | (.) | (.) | (.) |
| post_anytarget=1 <br> >      0.00 | 0.04 | 0.02 | -0.05 | 0.01 |
| >      (.) | (0.06) | (0.03) | (0.05) | (0.00) |
| year=2006 <br> >      0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| >      (.) | (.) | (.) | (.) | (.) |
| year=2007 <br> >      0.00 | -0.05 | 0.03* | 0.02 | -0.01 |
| >      (.) | (0.03) | (0.01) | (0.03) | (0.01) |
| year=2008 <br> >      0.00 | -0.05 | 0.03* | 0.01 | -0.01 |
| >      (.) | (0.06) | (0.01) | (0.07) | (0.01) |
| year=2009 <br> >      0.00 | 0.04 | 0.02 | -0.04 | -0.01 |
| >      (.) | (0.07) | (0.01) | (0.07) | (0.01) |
| year=2010 <br> >      0.00 | -0.00 | 0.03 | -0.03 | -0.01 |
| >      (.) | (0.05) | (0.02) | (0.05) | (0.01) |
| year=2011 <br> >      0.00 | -0.04 | 0.03 | -0.01 | -0.01 |
| >      (.) | (0.04) | (0.02) | (0.05) | (0.01) |
| year=2012 <br> > | -0.02 | 0.01 | -0.01 | -0.01 |
| > | (0.04) | (0.02) | (0.04) | (0.01) |
| Constant <br> >      0.00 | 0.47*** | 0.12*** | 0.38*** | 0.01 |
| >      (.) | (0.04) | (0.01) | (0.05) | (0.01) |

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

Private Insurance Service Util: Other implants (proportions)
_____

| _____ <br> >    NoCharge <br> >       b/se | Medicare <br> b/se | Medicaid <br> b/se | PrivIns <br> b/se | SelfPay <br> b/se |
|---|---|---|---|---|
| _____ | | | | |
| post_anytarget=0 <br> >      0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| >      (.) | (.) | (.) | (.) | (.) |
| post_anytarget=1 <br> >      0.00 | -0.02 | 0.01 | 0.01 | -0.00 |
| >    (0.00) | (0.02) | (0.01) | (0.02) | (0.00) |
| year=2006 <br> >      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 | -0.04 | 0.01 | 0.03 | -0.00 | -0.00 |
| | (0.02) | (0.01) | (0.02) | (0.00) | (0.00) |
| year=2008 | -0.01 | 0.01 | 0.01 | -0.00 | -0.00 |
| | (0.02) | (0.01) | (0.02) | (0.00) | (0.00) |
| year=2009 | -0.02 | 0.02 | 0.00 | -0.00 | 0.00 |
| | (0.02) | (0.01) | (0.02) | (0.00) | (0.00) |
| year=2010 | -0.01 | 0.02* | -0.01 | -0.00 | -0.01 |
| | (0.02) | (0.01) | (0.02) | (0.01) | (0.00) |
| year=2011 | -0.01 | 0.03** | -0.02 | -0.00 | -0.01 |
| | (0.02) | (0.01) | (0.01) | (0.01) | (0.01) |
| year=2012 | -0.01 | 0.03** | -0.02 | -0.01 | 0.02 |
| | (0.02) | (0.01) | (0.01) | (0.01) | (0.02) |
| Constant | 0.52*** | 0.07*** | 0.34*** | 0.03*** | 0.01** |
| | (0.01) | (0.01) | (0.01) | (0.00) | (0.00) |

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

Private Insurance Service Util: Radiology/Chemotherapy (proportions)

| | Medicare b/se | Medicaid b/se | PrivIns b/se | SelfPay b/se | NoCharge b/se |
|---|---|---|---|---|---|
| post_anytarget=0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | (.) | (.) | (.) | (.) | (.) |
| post_anytarget=1 | 0.01 | -0.01 | -0.00 | 0.01 | -0.00 |
| | (0.03) | (0.02) | (0.02) | (0.01) | (0.00) |
| year=2006 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | (.) | (.) | (.) | (.) | (.) |
| year=2007 | 0.01 | -0.01 | 0.00 | -0.00 | 0.00 |
| | (0.03) | (0.02) | (0.02) | (0.01) | (0.00) |
| year=2008 | 0.01 | -0.00 | -0.00 | 0.00 | -0.00 |
| | (0.02) | (0.02) | (0.02) | (0.01) | (0.00) |
| year=2009 | 0.02 | -0.01 | -0.02 | 0.02 | -0.00 |
| | (0.03) | (0.02) | (0.02) | (0.01) | (0.00) |
| year=2010 | 0.01 | -0.01 | -0.01 | 0.00 | -0.00 |
| | (0.03) | (0.02) | (0.03) | (0.01) | (0.00) |
| year=2011 | 0.01 | -0.02 | 0.00 | 0.00 | |

| | | | | |
|---|---|---|---|---|
| >      0.00 | | | | |
| | (0.03) | (0.02) | (0.03) | (0.01) |
| >     (0.01) | | | | |
| year=2012 | 0.05 | -0.02 | -0.02 | -0.01 |
| >     -0.00 | | | | |
| | (0.03) | (0.02) | (0.02) | (0.01) |
| >     (0.00) | | | | |
| Constant | 0.50*** | 0.16*** | 0.28*** | 0.02*** |
| >      0.00 | | | | |
| | (0.02) | (0.01) | (0.02) | (0.00) |
| >     (0.00) | | | | |

_____

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

7 .
8 .
9 . ******************************************
10. * Log close
11. log close
       name:  <unnamed>
        log:  /gpfs/scratch/azc211/ny_mergers/logs/fe_util_hhi_20190318.smcl
   log type:  smcl
  closed on:  18 Mar 2019, 15:08:33
_____