

# NY HUCP Utilization Services Summary

February 25, 2019

## Tables

### Share of service utilization by payer type

- *Note:* Years broken into 3 tables, rows sum to 1.0 across 3 tables

Table 1: Service utilization by payer type, 2006

| service       | Medicare | Medicaid | Private ins. | Self-pay | No charge | Other |
|---------------|----------|----------|--------------|----------|-----------|-------|
| blood         | 0.54     | 0.16     | 0.26         | 0.02     | 0         | 0.02  |
| cath          | 0.51     | 0.12     | 0.33         | 0.03     | 0         | 0.01  |
| ccu           | 0.56     | 0.12     | 0.26         | 0.04     | 0         | 0.02  |
| chestxray     | 0.50     | 0.22     | 0.22         | 0.05     | 0         | 0.02  |
| ctscan        | 0.51     | 0.17     | 0.26         | 0.05     | 0         | 0.02  |
| dialysis      | 0.69     | 0.16     | 0.13         | 0.01     | 0         | 0.01  |
| echo          | 0.56     | 0.17     | 0.22         | 0.04     | 0         | 0.01  |
| ed            | 0.46     | 0.22     | 0.25         | 0.06     | 0         | 0.02  |
| eeg           | 0.47     | 0.20     | 0.27         | 0.04     | 0         | 0.02  |
| ekg           | 0.56     | 0.15     | 0.24         | 0.04     | 0         | 0.02  |
| epo           | 0.74     | 0.11     | 0.13         | 0.01     | 0         | 0.01  |
| icu           | 0.51     | 0.15     | 0.28         | 0.04     | 0         | 0.02  |
| lithotripsy   | 0.32     | 0.24     | 0.37         | 0.04     | 0         | 0.02  |
| mhsa          | 0.20     | 0.53     | 0.16         | 0.09     | 0         | 0.02  |
| mrt           | 0.46     | 0.18     | 0.30         | 0.03     | 0         | 0.02  |
| newbn2l       | 0.00     | 0.44     | 0.44         | 0.10     | 0         | 0.02  |
| newbn3l       | 0.00     | 0.35     | 0.59         | 0.02     | 0         | 0.04  |
| newbn4l       | 0.00     | 0.48     | 0.43         | 0.08     | 0         | 0.01  |
| nucmed        | 0.53     | 0.15     | 0.26         | 0.03     | 0         | 0.02  |
| observation   | 0.13     | 0.23     | 0.60         | 0.02     | 0         | 0.02  |
| occtherapy    | 0.60     | 0.11     | 0.23         | 0.02     | 0         | 0.03  |
| organacq      | 0.48     | 0.15     | 0.34         | 0.00     | 0         | 0.02  |
| othimplants   | 0.48     | 0.09     | 0.38         | 0.02     | 0         | 0.03  |
| pacemaker     | 0.70     | 0.06     | 0.21         | 0.01     | 0         | 0.01  |
| phytherapy    | 0.66     | 0.09     | 0.21         | 0.02     | 0         | 0.02  |
| radtherapy    | 0.36     | 0.20     | 0.40         | 0.02     | 0         | 0.02  |
| resptherapy   | 0.53     | 0.18     | 0.24         | 0.03     | 0         | 0.02  |
| speechtherapy | 0.69     | 0.12     | 0.16         | 0.02     | 0         | 0.01  |
| stress        | 0.47     | 0.18     | 0.28         | 0.05     | 0         | 0.02  |
| ultrasound    | 0.44     | 0.22     | 0.27         | 0.04     | 0         | 0.02  |

Table 2: Service utilization by payer type, 2007

| service       | Medicare | Medicaid | Private ins. | Self-pay | No charge | Other |
|---------------|----------|----------|--------------|----------|-----------|-------|
| blood         | 0.52     | 0.16     | 0.27         | 0.03     | 0.00      | 0.02  |
| cath          | 0.51     | 0.12     | 0.33         | 0.03     | 0.00      | 0.01  |
| ccu           | 0.56     | 0.12     | 0.26         | 0.04     | 0.00      | 0.02  |
| chestxray     | 0.50     | 0.21     | 0.22         | 0.05     | 0.00      | 0.02  |
| ctscan        | 0.50     | 0.16     | 0.26         | 0.05     | 0.00      | 0.02  |
| dialysis      | 0.69     | 0.16     | 0.13         | 0.02     | 0.00      | 0.01  |
| echo          | 0.56     | 0.15     | 0.22         | 0.04     | 0.00      | 0.01  |
| ed            | 0.45     | 0.22     | 0.25         | 0.07     | 0.00      | 0.02  |
| eeg           | 0.47     | 0.19     | 0.28         | 0.04     | 0.00      | 0.02  |
| ekg           | 0.55     | 0.15     | 0.24         | 0.04     | 0.00      | 0.02  |
| epo           | 0.75     | 0.10     | 0.13         | 0.01     | 0.00      | 0.01  |
| icu           | 0.50     | 0.15     | 0.28         | 0.04     | 0.00      | 0.02  |
| lithotripsy   | 0.30     | 0.24     | 0.37         | 0.06     | 0.01      | 0.02  |
| mhsa          | 0.20     | 0.51     | 0.17         | 0.10     | 0.01      | 0.02  |
| mrt           | 0.45     | 0.18     | 0.31         | 0.04     | 0.00      | 0.02  |
| newbn2l       | 0.00     | 0.43     | 0.43         | 0.12     | 0.00      | 0.02  |
| newbn3l       | 0.00     | 0.36     | 0.56         | 0.03     | 0.00      | 0.05  |
| newbn4l       | 0.00     | 0.45     | 0.42         | 0.11     | 0.00      | 0.01  |
| nucmed        | 0.52     | 0.15     | 0.27         | 0.04     | 0.00      | 0.02  |
| observation   | 0.19     | 0.20     | 0.56         | 0.03     | 0.00      | 0.02  |
| occtherapy    | 0.59     | 0.11     | 0.24         | 0.02     | 0.00      | 0.03  |
| organacq      | 0.46     | 0.16     | 0.37         | 0.00     | 0.00      | 0.01  |
| othimplants   | 0.47     | 0.09     | 0.38         | 0.02     | 0.00      | 0.03  |
| pacemaker     | 0.71     | 0.06     | 0.20         | 0.01     | 0.00      | 0.01  |
| phytherapy    | 0.65     | 0.09     | 0.22         | 0.02     | 0.00      | 0.03  |
| radtherapy    | 0.36     | 0.20     | 0.41         | 0.02     | 0.00      | 0.02  |
| resptherapy   | 0.53     | 0.18     | 0.24         | 0.04     | 0.00      | 0.02  |
| speechtherapy | 0.70     | 0.10     | 0.17         | 0.02     | 0.00      | 0.01  |
| stress        | 0.46     | 0.17     | 0.29         | 0.05     | 0.00      | 0.02  |
| ultrasound    | 0.44     | 0.22     | 0.28         | 0.05     | 0.00      | 0.02  |

Table 3: Service utilization by payer type, 2008

| service       | Medicare | Medicaid | Private ins. | Self-pay | No charge | Other |
|---------------|----------|----------|--------------|----------|-----------|-------|
| blood         | 0.54     | 0.17     | 0.25         | 0.03     | 0.00      | 0.02  |
| cath          | 0.51     | 0.13     | 0.31         | 0.03     | 0.00      | 0.01  |
| ccu           | 0.56     | 0.13     | 0.25         | 0.04     | 0.00      | 0.02  |
| chestxray     | 0.51     | 0.21     | 0.21         | 0.06     | 0.00      | 0.01  |
| ctscan        | 0.51     | 0.17     | 0.25         | 0.05     | 0.00      | 0.02  |
| dialysis      | 0.70     | 0.16     | 0.12         | 0.01     | 0.00      | 0.01  |
| echo          | 0.56     | 0.16     | 0.22         | 0.04     | 0.00      | 0.01  |
| ed            | 0.46     | 0.22     | 0.24         | 0.07     | 0.00      | 0.02  |
| eeg           | 0.47     | 0.19     | 0.28         | 0.04     | 0.00      | 0.02  |
| ekg           | 0.56     | 0.15     | 0.23         | 0.04     | 0.00      | 0.02  |
| epo           | 0.74     | 0.11     | 0.13         | 0.01     | 0.00      | 0.01  |
| icu           | 0.51     | 0.16     | 0.27         | 0.04     | 0.00      | 0.02  |
| lithotripsy   | 0.34     | 0.23     | 0.37         | 0.05     | 0.00      | 0.02  |
| mhsa          | 0.20     | 0.50     | 0.17         | 0.10     | 0.01      | 0.02  |
| mrt           | 0.45     | 0.18     | 0.30         | 0.04     | 0.00      | 0.02  |
| newbn2l       | 0.00     | 0.47     | 0.39         | 0.12     | 0.00      | 0.02  |
| newbn3l       | 0.00     | 0.35     | 0.57         | 0.03     | 0.00      | 0.04  |
| newbn4l       | 0.00     | 0.45     | 0.42         | 0.13     | 0.00      | 0.01  |
| nucmed        | 0.52     | 0.16     | 0.26         | 0.04     | 0.00      | 0.02  |
| observation   | 0.28     | 0.19     | 0.47         | 0.04     | 0.00      | 0.02  |
| occtherapy    | 0.60     | 0.11     | 0.23         | 0.02     | 0.00      | 0.03  |
| organacq      | 0.46     | 0.13     | 0.40         | 0.00     | 0.00      | 0.01  |
| othimplants   | 0.47     | 0.10     | 0.38         | 0.02     | 0.00      | 0.03  |
| pacemaker     | 0.72     | 0.07     | 0.19         | 0.01     | 0.00      | 0.02  |
| phytherapy    | 0.66     | 0.09     | 0.21         | 0.02     | 0.00      | 0.02  |
| radtherapy    | 0.36     | 0.21     | 0.40         | 0.02     | 0.00      | 0.02  |
| resptherapy   | 0.54     | 0.18     | 0.23         | 0.03     | 0.00      | 0.02  |
| speechtherapy | 0.70     | 0.10     | 0.16         | 0.02     | 0.00      | 0.01  |
| stress        | 0.46     | 0.18     | 0.28         | 0.06     | 0.00      | 0.02  |
| ultrasound    | 0.44     | 0.23     | 0.27         | 0.05     | 0.00      | 0.01  |

Table 4: Service utilization by payer type, 2009

| service       | Medicare | Medicaid | Private ins. | Self-pay | No charge | Other |
|---------------|----------|----------|--------------|----------|-----------|-------|
| blood         | 0.54     | 0.18     | 0.24         | 0.03     | 0.00      | 0.02  |
| cath          | 0.51     | 0.14     | 0.31         | 0.03     | 0.00      | 0.01  |
| ccu           | 0.55     | 0.14     | 0.25         | 0.04     | 0.00      | 0.02  |
| chestxray     | 0.50     | 0.21     | 0.21         | 0.06     | 0.00      | 0.01  |
| ctscan        | 0.51     | 0.17     | 0.25         | 0.05     | 0.00      | 0.02  |
| dialysis      | 0.72     | 0.15     | 0.11         | 0.02     | 0.00      | 0.01  |
| echo          | 0.56     | 0.16     | 0.22         | 0.05     | 0.00      | 0.01  |
| ed            | 0.45     | 0.23     | 0.24         | 0.06     | 0.00      | 0.02  |
| eeg           | 0.47     | 0.20     | 0.28         | 0.03     | 0.00      | 0.02  |
| ekg           | 0.56     | 0.16     | 0.23         | 0.04     | 0.00      | 0.02  |
| epo           | 0.74     | 0.10     | 0.14         | 0.01     | 0.00      | 0.02  |
| icu           | 0.50     | 0.17     | 0.27         | 0.04     | 0.00      | 0.02  |
| lithotripsy   | 0.35     | 0.24     | 0.35         | 0.05     | 0.00      | 0.01  |
| mhsa          | 0.20     | 0.50     | 0.18         | 0.09     | 0.01      | 0.02  |
| mrt           | 0.45     | 0.18     | 0.30         | 0.04     | 0.00      | 0.02  |
| newbn2l       | 0.00     | 0.45     | 0.43         | 0.10     | 0.00      | 0.02  |
| newbn3l       | 0.00     | 0.34     | 0.59         | 0.03     | 0.00      | 0.04  |
| newbn4l       | 0.00     | 0.46     | 0.42         | 0.11     | 0.00      | 0.01  |
| nucmed        | 0.52     | 0.16     | 0.26         | 0.04     | 0.00      | 0.02  |
| observation   | 0.29     | 0.20     | 0.44         | 0.04     | 0.00      | 0.02  |
| occtherapy    | 0.59     | 0.11     | 0.24         | 0.02     | 0.00      | 0.03  |
| organacq      | 0.46     | 0.14     | 0.39         | 0.00     | 0.00      | 0.00  |
| othimplants   | 0.46     | 0.11     | 0.38         | 0.02     | 0.00      | 0.03  |
| pacemaker     | 0.72     | 0.07     | 0.18         | 0.01     | 0.00      | 0.01  |
| phytherapy    | 0.66     | 0.09     | 0.21         | 0.02     | 0.00      | 0.02  |
| radtherapy    | 0.35     | 0.21     | 0.39         | 0.02     | 0.00      | 0.02  |
| resptherapy   | 0.54     | 0.19     | 0.22         | 0.03     | 0.00      | 0.02  |
| speechtherapy | 0.71     | 0.10     | 0.16         | 0.02     | 0.00      | 0.01  |
| stress        | 0.46     | 0.19     | 0.28         | 0.05     | 0.00      | 0.02  |
| ultrasound    | 0.44     | 0.23     | 0.27         | 0.05     | 0.00      | 0.01  |

Table 5: Service utilization by payer type, 2010

| service       | Medicare | Medicaid | Private ins. | Self-pay | No charge | Other |
|---------------|----------|----------|--------------|----------|-----------|-------|
| blood         | 0.54     | 0.18     | 0.24         | 0.03     | 0.00      | 0.02  |
| cath          | 0.51     | 0.15     | 0.29         | 0.03     | 0.00      | 0.02  |
| ccu           | 0.56     | 0.15     | 0.24         | 0.04     | 0.00      | 0.02  |
| chestxray     | 0.51     | 0.22     | 0.20         | 0.05     | 0.00      | 0.01  |
| ctscan        | 0.52     | 0.18     | 0.24         | 0.05     | 0.00      | 0.02  |
| dialysis      | 0.72     | 0.15     | 0.10         | 0.01     | 0.00      | 0.01  |
| echo          | 0.56     | 0.17     | 0.21         | 0.05     | 0.00      | 0.01  |
| ed            | 0.45     | 0.24     | 0.23         | 0.06     | 0.00      | 0.02  |
| eeg           | 0.47     | 0.20     | 0.27         | 0.03     | 0.00      | 0.02  |
| ekg           | 0.56     | 0.17     | 0.22         | 0.04     | 0.00      | 0.02  |
| epo           | 0.75     | 0.11     | 0.13         | 0.01     | 0.00      | 0.01  |
| icu           | 0.50     | 0.17     | 0.27         | 0.04     | 0.00      | 0.02  |
| lithotripsy   | 0.33     | 0.23     | 0.38         | 0.05     | 0.00      | 0.02  |
| mhsa          | 0.21     | 0.51     | 0.18         | 0.09     | 0.01      | 0.02  |
| mrt           | 0.45     | 0.19     | 0.30         | 0.04     | 0.00      | 0.02  |
| newbn2l       | 0.00     | 0.48     | 0.40         | 0.10     | 0.00      | 0.02  |
| newbn3l       | 0.00     | 0.33     | 0.61         | 0.02     | 0.00      | 0.04  |
| newbn4l       | 0.00     | 0.46     | 0.41         | 0.11     | 0.00      | 0.01  |
| nucmed        | 0.52     | 0.17     | 0.25         | 0.04     | 0.00      | 0.02  |
| observation   | 0.33     | 0.19     | 0.42         | 0.03     | 0.00      | 0.03  |
| occtherapy    | 0.59     | 0.11     | 0.24         | 0.02     | 0.00      | 0.03  |
| organacq      | 0.47     | 0.15     | 0.37         | 0.01     | 0.00      | 0.01  |
| othimplants   | 0.46     | 0.12     | 0.37         | 0.02     | 0.00      | 0.04  |
| pacemaker     | 0.72     | 0.08     | 0.18         | 0.01     | 0.00      | 0.01  |
| phytherapy    | 0.66     | 0.10     | 0.21         | 0.01     | 0.00      | 0.03  |
| radtherapy    | 0.36     | 0.21     | 0.39         | 0.02     | 0.00      | 0.02  |
| resptherapy   | 0.54     | 0.19     | 0.21         | 0.03     | 0.00      | 0.02  |
| speechtherapy | 0.71     | 0.10     | 0.16         | 0.02     | 0.00      | 0.01  |
| stress        | 0.48     | 0.19     | 0.26         | 0.05     | 0.00      | 0.02  |
| ultrasound    | 0.43     | 0.24     | 0.26         | 0.04     | 0.00      | 0.02  |

Table 6: Service utilization by payer type, 2011

| service       | Medicare | Medicaid | Private ins. | Self-pay | No charge | Other |
|---------------|----------|----------|--------------|----------|-----------|-------|
| blood         | 0.54     | 0.17     | 0.25         | 0.02     | 0         | 0.02  |
| cath          | 0.52     | 0.15     | 0.29         | 0.03     | 0         | 0.02  |
| ccu           | 0.57     | 0.15     | 0.23         | 0.03     | 0         | 0.02  |
| chestxray     | 0.52     | 0.22     | 0.20         | 0.04     | 0         | 0.02  |
| ctscan        | 0.52     | 0.18     | 0.24         | 0.04     | 0         | 0.02  |
| dialysis      | 0.72     | 0.16     | 0.10         | 0.01     | 0         | 0.01  |
| echo          | 0.57     | 0.18     | 0.20         | 0.03     | 0         | 0.01  |
| ed            | 0.45     | 0.26     | 0.23         | 0.04     | 0         | 0.02  |
| eeg           | 0.47     | 0.21     | 0.27         | 0.03     | 0         | 0.02  |
| ekg           | 0.56     | 0.18     | 0.22         | 0.03     | 0         | 0.02  |
| epo           | 0.73     | 0.13     | 0.12         | 0.01     | 0         | 0.01  |
| icu           | 0.50     | 0.18     | 0.26         | 0.03     | 0         | 0.02  |
| lithotripsy   | 0.38     | 0.22     | 0.34         | 0.04     | 0         | 0.01  |
| mhsa          | 0.21     | 0.52     | 0.18         | 0.07     | 0         | 0.02  |
| mrt           | 0.45     | 0.20     | 0.29         | 0.03     | 0         | 0.02  |
| newbn2l       | 0.00     | 0.53     | 0.43         | 0.03     | 0         | 0.01  |
| newbn3l       | 0.00     | 0.35     | 0.60         | 0.02     | 0         | 0.03  |
| newbn4l       | 0.00     | 0.54     | 0.42         | 0.03     | 0         | 0.01  |
| nucmed        | 0.53     | 0.17     | 0.25         | 0.03     | 0         | 0.02  |
| observation   | 0.37     | 0.19     | 0.37         | 0.03     | 0         | 0.04  |
| occtherapy    | 0.59     | 0.12     | 0.24         | 0.02     | 0         | 0.04  |
| organacq      | 0.45     | 0.16     | 0.37         | 0.00     | 0         | 0.01  |
| othimplants   | 0.46     | 0.12     | 0.37         | 0.02     | 0         | 0.04  |
| pacemaker     | 0.72     | 0.08     | 0.17         | 0.01     | 0         | 0.01  |
| phytherapy    | 0.66     | 0.10     | 0.20         | 0.01     | 0         | 0.03  |
| radtherapy    | 0.36     | 0.21     | 0.39         | 0.02     | 0         | 0.02  |
| resptherapy   | 0.55     | 0.19     | 0.21         | 0.02     | 0         | 0.02  |
| speechtherapy | 0.71     | 0.11     | 0.15         | 0.01     | 0         | 0.01  |
| stress        | 0.48     | 0.21     | 0.25         | 0.04     | 0         | 0.02  |
| ultrasound    | 0.43     | 0.26     | 0.26         | 0.03     | 0         | 0.02  |

Table 7: Service utilization by payer type, 2012

| service       | Medicare | Medicaid | Private ins. | Self-pay | No charge | Other |
|---------------|----------|----------|--------------|----------|-----------|-------|
| blood         | 0.54     | 0.17     | 0.25         | 0.02     | 0.00      | 0.02  |
| cath          | 0.52     | 0.15     | 0.28         | 0.03     | 0.00      | 0.02  |
| ccu           | 0.58     | 0.15     | 0.22         | 0.03     | 0.00      | 0.02  |
| chestxray     | 0.53     | 0.22     | 0.20         | 0.03     | 0.00      | 0.02  |
| ctscan        | 0.53     | 0.19     | 0.23         | 0.03     | 0.00      | 0.02  |
| dialysis      | 0.72     | 0.16     | 0.10         | 0.01     | 0.00      | 0.01  |
| echo          | 0.58     | 0.17     | 0.20         | 0.03     | 0.00      | 0.02  |
| ed            | 0.46     | 0.26     | 0.22         | 0.04     | 0.00      | 0.02  |
| eeg           | 0.46     | 0.22     | 0.27         | 0.02     | 0.00      | 0.02  |
| ekg           | 0.56     | 0.18     | 0.21         | 0.03     | 0.00      | 0.02  |
| epo           | 0.75     | 0.12     | 0.11         | 0.00     | 0.00      | 0.01  |
| icu           | 0.51     | 0.18     | 0.26         | 0.03     | 0.00      | 0.02  |
| lithotripsy   | 0.36     | 0.22     | 0.32         | 0.06     | 0.01      | 0.03  |
| mhsa          | 0.21     | 0.51     | 0.19         | 0.06     | 0.00      | 0.03  |
| mrt           | 0.45     | 0.20     | 0.29         | 0.03     | 0.00      | 0.02  |
| newbn2l       | 0.00     | 0.50     | 0.46         | 0.02     | 0.00      | 0.02  |
| newbn3l       | 0.00     | 0.44     | 0.51         | 0.02     | 0.00      | 0.02  |
| newbn4l       | 0.00     | 0.55     | 0.41         | 0.02     | 0.00      | 0.02  |
| nucmed        | 0.53     | 0.17     | 0.25         | 0.03     | 0.00      | 0.02  |
| observation   | 0.42     | 0.19     | 0.32         | 0.03     | 0.00      | 0.04  |
| occtherapy    | 0.58     | 0.12     | 0.25         | 0.02     | 0.00      | 0.04  |
| organacq      | 0.45     | 0.14     | 0.39         | 0.01     | 0.00      | 0.02  |
| othimplants   | 0.46     | 0.12     | 0.37         | 0.02     | 0.00      | 0.04  |
| pacemaker     | 0.72     | 0.08     | 0.18         | 0.01     | 0.00      | 0.01  |
| phytherapy    | 0.66     | 0.10     | 0.20         | 0.01     | 0.00      | 0.03  |
| radtherapy    | 0.36     | 0.21     | 0.39         | 0.02     | 0.00      | 0.02  |
| resptherapy   | 0.55     | 0.19     | 0.21         | 0.02     | 0.00      | 0.02  |
| speechtherapy | 0.71     | 0.11     | 0.15         | 0.01     | 0.00      | 0.01  |
| stress        | 0.48     | 0.21     | 0.25         | 0.04     | 0.00      | 0.02  |
| ultrasound    | 0.43     | 0.26     | 0.26         | 0.03     | 0.00      | 0.02  |

## Share of payer types by service utilization

- *Note:* rows sum to 1.0

Table 8: Payer types by service utilization, 2006 (1/3)

| payer        | blood | cath | ccu  | chestxray | ctscan | dialysis | echo | ed   | eeg  | ekg  |
|--------------|-------|------|------|-----------|--------|----------|------|------|------|------|
| Medicare     | 0.04  | 0.01 | 0.02 | 0.13      | 0.09   | 0.01     | 0.02 | 0.15 | 0.01 | 0.16 |
| Medicaid     | 0.03  | 0.01 | 0.01 | 0.16      | 0.08   | 0.01     | 0.02 | 0.19 | 0.01 | 0.13 |
| Private ins. | 0.04  | 0.02 | 0.02 | 0.12      | 0.09   | 0.00     | 0.02 | 0.16 | 0.01 | 0.14 |
| Self-pay     | 0.02  | 0.01 | 0.01 | 0.16      | 0.10   | 0.00     | 0.02 | 0.23 | 0.01 | 0.14 |
| No charge    | 0.01  | 0.01 | 0.00 | 0.22      | 0.10   | 0.01     | 0.03 | 0.17 | 0.01 | 0.11 |
| Other        | 0.03  | 0.01 | 0.01 | 0.11      | 0.09   | 0.00     | 0.02 | 0.17 | 0.01 | 0.14 |

Table 9: Payer types by service utilization, 2006 (2/3)

| payer        | epo | icu  | lithotripsy | mhsa | mrt  | newbn2l | newbn3l | newbn4l | nucmed | observation |
|--------------|-----|------|-------------|------|------|---------|---------|---------|--------|-------------|
| Medicare     | 0   | 0.03 | 0           | 0.01 | 0.01 | 0       | 0       | 0.00    | 0.02   | 0           |
| Medicaid     | 0   | 0.02 | 0           | 0.08 | 0.02 | 0       | 0       | 0.01    | 0.02   | 0           |
| Private ins. | 0   | 0.03 | 0           | 0.02 | 0.02 | 0       | 0       | 0.01    | 0.02   | 0           |
| Self-pay     | 0   | 0.03 | 0           | 0.06 | 0.01 | 0       | 0       | 0.01    | 0.02   | 0           |
| No charge    | 0   | 0.02 | 0           | 0.11 | 0.01 | 0       | 0       | 0.00    | 0.02   | 0           |
| Other        | 0   | 0.03 | 0           | 0.02 | 0.02 | 0       | 0       | 0.00    | 0.02   | 0           |

Table 10: Payer types by service utilization, 2006 (3/3)

| payer        | epo  | icu | lithotripsy | mhsa | mrt  | newbn2l | newbn3l | newbn4l | nucmed | observation |
|--------------|------|-----|-------------|------|------|---------|---------|---------|--------|-------------|
| Medicare     | 0.03 | 0   | 0.04        | 0.01 | 0.09 | 0.00    | 0.06    | 0.01    | 0.01   | 0.04        |
| Medicaid     | 0.02 | 0   | 0.02        | 0.00 | 0.04 | 0.01    | 0.06    | 0.01    | 0.01   | 0.05        |
| Private ins. | 0.02 | 0   | 0.06        | 0.00 | 0.06 | 0.01    | 0.06    | 0.01    | 0.01   | 0.05        |
| Self-pay     | 0.01 | 0   | 0.02        | 0.00 | 0.03 | 0.00    | 0.05    | 0.00    | 0.01   | 0.05        |
| No charge    | 0.01 | 0   | 0.00        | 0.00 | 0.02 | 0.00    | 0.04    | 0.00    | 0.02   | 0.04        |
| Other        | 0.04 | 0   | 0.06        | 0.00 | 0.09 | 0.00    | 0.06    | 0.01    | 0.01   | 0.04        |



Table 11: Payer types by service utilization, 2007 (1/3)

| <i>payer</i> | <i>blood</i> | <i>cath</i> | <i>ccu</i> | <i>chestxray</i> | <i>ctscan</i> | <i>dialysis</i> | <i>echo</i> | <i>ed</i> | <i>eeg</i> | <i>ekg</i> |
|--------------|--------------|-------------|------------|------------------|---------------|-----------------|-------------|-----------|------------|------------|
| Medicare     | 0.04         | 0.01        | 0.02       | 0.13             | 0.09          | 0.01            | 0.02        | 0.15      | 0.01       | 0.16       |
| Medicaid     | 0.04         | 0.01        | 0.01       | 0.15             | 0.08          | 0.01            | 0.02        | 0.20      | 0.01       | 0.12       |
| Private ins. | 0.04         | 0.02        | 0.02       | 0.11             | 0.10          | 0.00            | 0.02        | 0.16      | 0.01       | 0.14       |
| Self-pay     | 0.02         | 0.01        | 0.01       | 0.15             | 0.10          | 0.00            | 0.02        | 0.24      | 0.01       | 0.13       |
| No charge    | 0.02         | 0.01        | 0.01       | 0.18             | 0.10          | 0.01            | 0.03        | 0.23      | 0.01       | 0.11       |
| Other        | 0.03         | 0.01        | 0.01       | 0.11             | 0.09          | 0.00            | 0.02        | 0.17      | 0.01       | 0.14       |

Table 12: Payer types by service utilization, 2007 (2/3)

| <i>payer</i> | <i>epo</i> | <i>icu</i> | <i>lithotripsy</i> | <i>mhsa</i> | <i>mrt</i> | <i>newbn2l</i> | <i>newbn3l</i> | <i>newbn4l</i> | <i>nucmed</i> | <i>observation</i> |
|--------------|------------|------------|--------------------|-------------|------------|----------------|----------------|----------------|---------------|--------------------|
| Medicare     | 0          | 0.03       | 0                  | 0.01        | 0.01       | 0              | 0              | 0.00           | 0.02          | 0                  |
| Medicaid     | 0          | 0.03       | 0                  | 0.07        | 0.02       | 0              | 0              | 0.01           | 0.02          | 0                  |
| Private ins. | 0          | 0.03       | 0                  | 0.02        | 0.02       | 0              | 0              | 0.01           | 0.02          | 0                  |
| Self-pay     | 0          | 0.03       | 0                  | 0.06        | 0.01       | 0              | 0              | 0.01           | 0.01          | 0                  |
| No charge    | 0          | 0.02       | 0                  | 0.10        | 0.01       | 0              | 0              | 0.00           | 0.02          | 0                  |
| Other        | 0          | 0.03       | 0                  | 0.02        | 0.02       | 0              | 0              | 0.00           | 0.02          | 0                  |

Table 13: Payer types by service utilization, 2007 (3/3)

| <i>payer</i> | <i>epo</i> | <i>icu</i> | <i>lithotripsy</i> | <i>mhsa</i> | <i>mrt</i> | <i>newbn2l</i> | <i>newbn3l</i> | <i>newbn4l</i> | <i>nucmed</i> | <i>observation</i> |
|--------------|------------|------------|--------------------|-------------|------------|----------------|----------------|----------------|---------------|--------------------|
| Medicare     | 0.03       | 0          | 0.04               | 0           | 0.09       | 0.00           | 0.06           | 0.01           | 0.01          | 0.04               |
| Medicaid     | 0.02       | 0          | 0.02               | 0           | 0.04       | 0.00           | 0.06           | 0.01           | 0.01          | 0.05               |
| Private ins. | 0.03       | 0          | 0.06               | 0           | 0.06       | 0.01           | 0.05           | 0.01           | 0.01          | 0.05               |
| Self-pay     | 0.01       | 0          | 0.02               | 0           | 0.03       | 0.00           | 0.05           | 0.00           | 0.01          | 0.05               |
| No charge    | 0.01       | 0          | 0.01               | 0           | 0.02       | 0.00           | 0.04           | 0.00           | 0.02          | 0.04               |
| Other        | 0.04       | 0          | 0.06               | 0           | 0.09       | 0.00           | 0.05           | 0.01           | 0.01          | 0.04               |

Table 14: Payer types by service utilization, 2008 (1/3)

| <i>payer</i> | <i>blood</i> | <i>cath</i> | <i>ccu</i> | <i>chestxray</i> | <i>ctscan</i> | <i>dialysis</i> | <i>echo</i> | <i>ed</i> | <i>eeg</i> | <i>ekg</i> |
|--------------|--------------|-------------|------------|------------------|---------------|-----------------|-------------|-----------|------------|------------|
| Medicare     | 0.04         | 0.01        | 0.01       | 0.13             | 0.09          | 0.01            | 0.02        | 0.15      | 0.01       | 0.16       |
| Medicaid     | 0.04         | 0.01        | 0.01       | 0.15             | 0.09          | 0.01            | 0.02        | 0.21      | 0.01       | 0.12       |
| Private ins. | 0.04         | 0.02        | 0.01       | 0.11             | 0.09          | 0.00            | 0.02        | 0.17      | 0.01       | 0.14       |
| Self-pay     | 0.02         | 0.01        | 0.01       | 0.16             | 0.10          | 0.00            | 0.02        | 0.25      | 0.01       | 0.13       |
| No charge    | 0.02         | 0.01        | 0.02       | 0.20             | 0.09          | 0.00            | 0.02        | 0.23      | 0.01       | 0.12       |
| Other        | 0.03         | 0.01        | 0.01       | 0.10             | 0.09          | 0.00            | 0.02        | 0.17      | 0.01       | 0.13       |

Table 15: Payer types by service utilization, 2008 (2/3)

| <i>payer</i> | <i>epo</i> | <i>icu</i> | <i>lithotripsy</i> | <i>mhsa</i> | <i>mrt</i> | <i>newbn2l</i> | <i>newbn3l</i> | <i>newbn4l</i> | <i>nucmed</i> | <i>observation</i> |
|--------------|------------|------------|--------------------|-------------|------------|----------------|----------------|----------------|---------------|--------------------|
| Medicare     | 0          | 0.03       | 0                  | 0.01        | 0.01       | 0              | 0              | 0.00           | 0.02          | 0                  |
| Medicaid     | 0          | 0.03       | 0                  | 0.07        | 0.02       | 0              | 0              | 0.01           | 0.01          | 0                  |
| Private ins. | 0          | 0.03       | 0                  | 0.02        | 0.02       | 0              | 0              | 0.01           | 0.02          | 0                  |
| Self-pay     | 0          | 0.03       | 0                  | 0.06        | 0.02       | 0              | 0              | 0.01           | 0.01          | 0                  |
| No charge    | 0          | 0.02       | 0                  | 0.09        | 0.01       | 0              | 0              | 0.00           | 0.02          | 0                  |
| Other        | 0          | 0.03       | 0                  | 0.02        | 0.02       | 0              | 0              | 0.00           | 0.01          | 0                  |

Table 16: Payer types by service utilization, 2008 (3/3)

| <i>payer</i> | <i>epo</i> | <i>icu</i> | <i>lithotripsy</i> | <i>mhsa</i> | <i>mrt</i> | <i>newbn2l</i> | <i>newbn3l</i> | <i>newbn4l</i> | <i>nucmed</i> | <i>observation</i> |
|--------------|------------|------------|--------------------|-------------|------------|----------------|----------------|----------------|---------------|--------------------|
| Medicare     | 0.03       | 0          | 0.04               | 0           | 0.09       | 0.00           | 0.06           | 0.02           | 0.01          | 0.04               |
| Medicaid     | 0.02       | 0          | 0.02               | 0           | 0.04       | 0.00           | 0.06           | 0.01           | 0.01          | 0.05               |
| Private ins. | 0.03       | 0          | 0.06               | 0           | 0.06       | 0.01           | 0.05           | 0.01           | 0.01          | 0.05               |
| Self-pay     | 0.01       | 0          | 0.02               | 0           | 0.03       | 0.00           | 0.04           | 0.00           | 0.01          | 0.05               |
| No charge    | 0.01       | 0          | 0.01               | 0           | 0.02       | 0.00           | 0.04           | 0.00           | 0.02          | 0.04               |
| Other        | 0.05       | 0          | 0.07               | 0           | 0.10       | 0.00           | 0.05           | 0.01           | 0.01          | 0.04               |

Table 17: Payer types by service utilization, 2009 (1/3)

| <i>payer</i> | <i>blood</i> | <i>cath</i> | <i>ccu</i> | <i>chestxray</i> | <i>ctscan</i> | <i>dialysis</i> | <i>echo</i> | <i>ed</i> | <i>eeg</i> | <i>ekg</i> |
|--------------|--------------|-------------|------------|------------------|---------------|-----------------|-------------|-----------|------------|------------|
| Medicare     | 0.04         | 0.01        | 0.01       | 0.13             | 0.09          | 0.01            | 0.02        | 0.15      | 0.01       | 0.16       |
| Medicaid     | 0.03         | 0.01        | 0.01       | 0.15             | 0.09          | 0.01            | 0.02        | 0.21      | 0.01       | 0.12       |
| Private ins. | 0.04         | 0.02        | 0.01       | 0.12             | 0.09          | 0.00            | 0.02        | 0.17      | 0.01       | 0.14       |
| Self-pay     | 0.02         | 0.01        | 0.01       | 0.17             | 0.10          | 0.00            | 0.02        | 0.25      | 0.01       | 0.13       |
| No charge    | 0.01         | 0.01        | 0.02       | 0.20             | 0.09          | 0.00            | 0.03        | 0.24      | 0.01       | 0.12       |
| Other        | 0.03         | 0.01        | 0.01       | 0.10             | 0.09          | 0.00            | 0.02        | 0.16      | 0.01       | 0.14       |

Table 18: Payer types by service utilization, 2009 (2/3)

| <i>payer</i> | <i>epo</i> | <i>icu</i> | <i>lithotripsy</i> | <i>mhsa</i> | <i>mrt</i> | <i>newbn2l</i> | <i>newbn3l</i> | <i>newbn4l</i> | <i>nucmed</i> | <i>observation</i> |
|--------------|------------|------------|--------------------|-------------|------------|----------------|----------------|----------------|---------------|--------------------|
| Medicare     | 0          | 0.03       | 0                  | 0.01        | 0.01       | 0              | 0              | 0.00           | 0.02          | 0                  |
| Medicaid     | 0          | 0.03       | 0                  | 0.07        | 0.02       | 0              | 0              | 0.01           | 0.01          | 0                  |
| Private ins. | 0          | 0.03       | 0                  | 0.02        | 0.02       | 0              | 0              | 0.01           | 0.02          | 0                  |
| Self-pay     | 0          | 0.03       | 0                  | 0.05        | 0.01       | 0              | 0              | 0.01           | 0.01          | 0                  |
| No charge    | 0          | 0.02       | 0                  | 0.09        | 0.01       | 0              | 0              | 0.00           | 0.02          | 0                  |
| Other        | 0          | 0.03       | 0                  | 0.02        | 0.02       | 0              | 0              | 0.00           | 0.01          | 0                  |

Table 19: Payer types by service utilization, 2009 (3/3)

| <i>payer</i> | <i>epo</i> | <i>icu</i> | <i>lithotripsy</i> | <i>mhsa</i> | <i>mrt</i> | <i>newbn2l</i> | <i>newbn3l</i> | <i>newbn4l</i> | <i>nucmed</i> | <i>observation</i> |
|--------------|------------|------------|--------------------|-------------|------------|----------------|----------------|----------------|---------------|--------------------|
| Medicare     | 0.03       | 0          | 0.04               | 0           | 0.09       | 0.00           | 0.06           | 0.02           | 0.01          | 0.04               |
| Medicaid     | 0.02       | 0          | 0.02               | 0           | 0.04       | 0.00           | 0.05           | 0.01           | 0.01          | 0.05               |
| Private ins. | 0.03       | 0          | 0.07               | 0           | 0.06       | 0.01           | 0.05           | 0.01           | 0.01          | 0.05               |
| Self-pay     | 0.01       | 0          | 0.02               | 0           | 0.03       | 0.00           | 0.04           | 0.00           | 0.01          | 0.05               |
| No charge    | 0.01       | 0          | 0.01               | 0           | 0.02       | 0.00           | 0.03           | 0.00           | 0.02          | 0.04               |
| Other        | 0.05       | 0          | 0.08               | 0           | 0.10       | 0.00           | 0.05           | 0.01           | 0.01          | 0.04               |

Table 20: Payer types by service utilization, 2010 (1/3)

| payer        | blood | cath | ccu  | chestxray | ctscan | dialysis | echo | ed   | eeg  | ekg  |
|--------------|-------|------|------|-----------|--------|----------|------|------|------|------|
| Medicare     | 0.04  | 0.01 | 0.01 | 0.13      | 0.09   | 0.01     | 0.03 | 0.15 | 0.01 | 0.16 |
| Medicaid     | 0.03  | 0.01 | 0.01 | 0.14      | 0.08   | 0.01     | 0.02 | 0.21 | 0.01 | 0.13 |
| Private ins. | 0.04  | 0.02 | 0.01 | 0.11      | 0.09   | 0.00     | 0.02 | 0.17 | 0.01 | 0.14 |
| Self-pay     | 0.02  | 0.01 | 0.01 | 0.16      | 0.10   | 0.00     | 0.03 | 0.26 | 0.01 | 0.12 |
| No charge    | 0.01  | 0.01 | 0.02 | 0.19      | 0.09   | 0.00     | 0.04 | 0.23 | 0.01 | 0.12 |
| Other        | 0.03  | 0.01 | 0.01 | 0.10      | 0.09   | 0.00     | 0.02 | 0.16 | 0.01 | 0.14 |

Table 21: Payer types by service utilization, 2010 (2/3)

| payer        | epo | icu  | lithotripsy | mhsa | mrt  | newbn2l | newbn3l | newbn4l | nucmed | observation |
|--------------|-----|------|-------------|------|------|---------|---------|---------|--------|-------------|
| Medicare     | 0   | 0.03 | 0           | 0.01 | 0.02 | 0       | 0       | 0.00    | 0.01   | 0           |
| Medicaid     | 0   | 0.03 | 0           | 0.07 | 0.02 | 0       | 0       | 0.01    | 0.01   | 0           |
| Private ins. | 0   | 0.03 | 0           | 0.02 | 0.02 | 0       | 0       | 0.01    | 0.02   | 0           |
| Self-pay     | 0   | 0.03 | 0           | 0.05 | 0.02 | 0       | 0       | 0.01    | 0.01   | 0           |
| No charge    | 0   | 0.02 | 0           | 0.10 | 0.01 | 0       | 0       | 0.00    | 0.02   | 0           |
| Other        | 0   | 0.03 | 0           | 0.02 | 0.02 | 0       | 0       | 0.00    | 0.01   | 0           |

Table 22: Payer types by service utilization, 2010 (3/3)

| payer        | epo  | icu | lithotripsy | mhsa | mrt  | newbn2l | newbn3l | newbn4l | nucmed | observation |
|--------------|------|-----|-------------|------|------|---------|---------|---------|--------|-------------|
| Medicare     | 0.03 | 0   | 0.04        | 0    | 0.09 | 0.00    | 0.06    | 0.02    | 0.01   | 0.04        |
| Medicaid     | 0.02 | 0   | 0.03        | 0    | 0.04 | 0.00    | 0.05    | 0.01    | 0.01   | 0.06        |
| Private ins. | 0.03 | 0   | 0.07        | 0    | 0.07 | 0.01    | 0.05    | 0.01    | 0.01   | 0.05        |
| Self-pay     | 0.01 | 0   | 0.02        | 0    | 0.03 | 0.00    | 0.04    | 0.00    | 0.01   | 0.05        |
| No charge    | 0.01 | 0   | 0.01        | 0    | 0.02 | 0.00    | 0.04    | 0.00    | 0.01   | 0.04        |
| Other        | 0.05 | 0   | 0.08        | 0    | 0.10 | 0.00    | 0.05    | 0.01    | 0.01   | 0.04        |

Table 23: Payer types by service utilization, 2011 (1/3)

| payer        | blood | cath | ccu  | chestxray | ctscan | dialysis | echo | ed   | eeg  | ekg  |
|--------------|-------|------|------|-----------|--------|----------|------|------|------|------|
| Medicare     | 0.04  | 0.01 | 0.01 | 0.13      | 0.09   | 0.01     | 0.03 | 0.15 | 0.01 | 0.15 |
| Medicaid     | 0.03  | 0.01 | 0.01 | 0.14      | 0.08   | 0.01     | 0.03 | 0.22 | 0.01 | 0.12 |
| Private ins. | 0.04  | 0.01 | 0.01 | 0.11      | 0.09   | 0.00     | 0.03 | 0.17 | 0.01 | 0.13 |
| Self-pay     | 0.02  | 0.01 | 0.01 | 0.15      | 0.10   | 0.00     | 0.03 | 0.23 | 0.01 | 0.14 |
| No charge    | 0.02  | 0.02 | 0.04 | 0.14      | 0.09   | 0.00     | 0.05 | 0.19 | 0.01 | 0.13 |
| Other        | 0.03  | 0.01 | 0.01 | 0.10      | 0.08   | 0.00     | 0.02 | 0.16 | 0.01 | 0.13 |

Table 24: Payer types by service utilization, 2011 (2/3)

| payer        | epo | icu  | lithotripsy | mhsa | mrt  | newbn2l | newbn3l | newbn4l | nucmed | observation |
|--------------|-----|------|-------------|------|------|---------|---------|---------|--------|-------------|
| Medicare     | 0   | 0.03 | 0           | 0.01 | 0.02 | 0       | 0       | 0.00    | 0.01   | 0.00        |
| Medicaid     | 0   | 0.03 | 0           | 0.06 | 0.02 | 0       | 0       | 0.01    | 0.01   | 0.00        |
| Private ins. | 0   | 0.03 | 0           | 0.02 | 0.02 | 0       | 0       | 0.01    | 0.02   | 0.00        |
| Self-pay     | 0   | 0.03 | 0           | 0.06 | 0.02 | 0       | 0       | 0.00    | 0.01   | 0.00        |
| No charge    | 0   | 0.02 | 0           | 0.03 | 0.01 | 0       | 0       | 0.00    | 0.02   | 0.01        |
| Other        | 0   | 0.03 | 0           | 0.03 | 0.02 | 0       | 0       | 0.00    | 0.01   | 0.01        |

Table 25: Payer types by service utilization, 2011 (3/3)

| payer        | epo  | icu | lithotripsy | mhsa | mrt  | newbn2l | newbn3l | newbn4l | nucmed | observation |
|--------------|------|-----|-------------|------|------|---------|---------|---------|--------|-------------|
| Medicare     | 0.03 | 0   | 0.04        | 0    | 0.10 | 0.00    | 0.06    | 0.02    | 0.01   | 0.04        |
| Medicaid     | 0.02 | 0   | 0.03        | 0    | 0.04 | 0.00    | 0.05    | 0.01    | 0.01   | 0.06        |
| Private ins. | 0.03 | 0   | 0.07        | 0    | 0.07 | 0.01    | 0.05    | 0.01    | 0.01   | 0.05        |
| Self-pay     | 0.01 | 0   | 0.03        | 0    | 0.03 | 0.00    | 0.04    | 0.01    | 0.01   | 0.05        |
| No charge    | 0.01 | 0   | 0.03        | 0    | 0.04 | 0.00    | 0.06    | 0.01    | 0.01   | 0.05        |
| Other        | 0.05 | 0   | 0.08        | 0    | 0.10 | 0.00    | 0.05    | 0.01    | 0.01   | 0.04        |

Table 26: Payer types by service utilization, 2012 (1/3)

| <i>payer</i> | <i>blood</i> | <i>cath</i> | <i>ccu</i> | <i>chestxray</i> | <i>ctscan</i> | <i>dialysis</i> | <i>echo</i> | <i>ed</i> | <i>eeg</i> | <i>ekg</i> |
|--------------|--------------|-------------|------------|------------------|---------------|-----------------|-------------|-----------|------------|------------|
| Medicare     | 0.04         | 0.01        | 0.01       | 0.13             | 0.09          | 0.01            | 0.03        | 0.15      | 0.01       | 0.15       |
| Medicaid     | 0.03         | 0.01        | 0.01       | 0.14             | 0.08          | 0.01            | 0.03        | 0.23      | 0.01       | 0.12       |
| Private ins. | 0.04         | 0.01        | 0.01       | 0.11             | 0.09          | 0.00            | 0.03        | 0.17      | 0.01       | 0.13       |
| Self-pay     | 0.02         | 0.01        | 0.01       | 0.14             | 0.11          | 0.00            | 0.03        | 0.23      | 0.01       | 0.14       |
| No charge    | 0.02         | 0.02        | 0.04       | 0.12             | 0.10          | 0.00            | 0.05        | 0.19      | 0.01       | 0.14       |
| Other        | 0.03         | 0.01        | 0.01       | 0.11             | 0.09          | 0.00            | 0.02        | 0.16      | 0.01       | 0.13       |

Table 27: Payer types by service utilization, 2012 (2/3)

| <i>payer</i> | <i>epo</i> | <i>icu</i> | <i>lithotripsy</i> | <i>mhsa</i> | <i>mrt</i> | <i>newbn2l</i> | <i>newbn3l</i> | <i>newbn4l</i> | <i>nucmed</i> | <i>observation</i> |
|--------------|------------|------------|--------------------|-------------|------------|----------------|----------------|----------------|---------------|--------------------|
| Medicare     | 0          | 0.03       | 0                  | 0.01        | 0.02       | 0              | 0              | 0.00           | 0.01          | 0.00               |
| Medicaid     | 0          | 0.03       | 0                  | 0.06        | 0.02       | 0              | 0              | 0.01           | 0.01          | 0.00               |
| Private ins. | 0          | 0.03       | 0                  | 0.02        | 0.02       | 0              | 0              | 0.01           | 0.01          | 0.00               |
| Self-pay     | 0          | 0.03       | 0                  | 0.05        | 0.02       | 0              | 0              | 0.00           | 0.01          | 0.00               |
| No charge    | 0          | 0.02       | 0                  | 0.02        | 0.02       | 0              | 0              | 0.00           | 0.02          | 0.01               |
| Other        | 0          | 0.03       | 0                  | 0.03        | 0.02       | 0              | 0              | 0.00           | 0.01          | 0.01               |

Table 28: Payer types by service utilization, 2012 (3/3)

| <i>payer</i> | <i>epo</i> | <i>icu</i> | <i>lithotripsy</i> | <i>mhsa</i> | <i>mrt</i> | <i>newbn2l</i> | <i>newbn3l</i> | <i>newbn4l</i> | <i>nucmed</i> | <i>observation</i> |
|--------------|------------|------------|--------------------|-------------|------------|----------------|----------------|----------------|---------------|--------------------|
| Medicare     | 0.03       | 0          | 0.04               | 0           | 0.10       | 0.00           | 0.06           | 0.02           | 0.01          | 0.04               |
| Medicaid     | 0.02       | 0          | 0.03               | 0           | 0.04       | 0.00           | 0.05           | 0.01           | 0.01          | 0.06               |
| Private ins. | 0.03       | 0          | 0.07               | 0           | 0.07       | 0.01           | 0.05           | 0.01           | 0.01          | 0.05               |
| Self-pay     | 0.02       | 0          | 0.03               | 0           | 0.03       | 0.00           | 0.04           | 0.01           | 0.01          | 0.05               |
| No charge    | 0.02       | 0          | 0.04               | 0           | 0.04       | 0.00           | 0.05           | 0.01           | 0.01          | 0.05               |
| Other        | 0.05       | 0          | 0.07               | 0           | 0.10       | 0.00           | 0.05           | 0.01           | 0.01          | 0.04               |

## Share of service utilization by estimated median household income of residents in the patient's ZIP Code

- *Note:* rows sum to 1.00. Dollar amounts for quartiles change annually, see [here](#)

Table 29: Service utilization by est. median zipcode income quartile, 2006

| service       | Qrtl 1 | Qrtl 2 | Qrtl 3 | Qrtl 4 | Missing |
|---------------|--------|--------|--------|--------|---------|
| blood         | 0.26   | 0.21   | 0.20   | 0.30   | 0.04    |
| cath          | 0.24   | 0.21   | 0.20   | 0.32   | 0.03    |
| ccu           | 0.23   | 0.21   | 0.22   | 0.31   | 0.04    |
| chestxray     | 0.31   | 0.20   | 0.18   | 0.23   | 0.09    |
| ctscan        | 0.26   | 0.20   | 0.19   | 0.29   | 0.06    |
| dialysis      | 0.33   | 0.18   | 0.19   | 0.25   | 0.06    |
| echo          | 0.30   | 0.18   | 0.17   | 0.28   | 0.06    |
| ed            | 0.26   | 0.20   | 0.20   | 0.27   | 0.07    |
| eeg           | 0.23   | 0.18   | 0.19   | 0.32   | 0.08    |
| ekg           | 0.25   | 0.20   | 0.20   | 0.30   | 0.05    |
| epo           | 0.32   | 0.16   | 0.15   | 0.34   | 0.03    |
| icu           | 0.25   | 0.21   | 0.19   | 0.29   | 0.05    |
| lithotripsy   | 0.21   | 0.18   | 0.21   | 0.36   | 0.04    |
| mhsa          | 0.37   | 0.17   | 0.16   | 0.18   | 0.12    |
| mrt           | 0.26   | 0.17   | 0.19   | 0.34   | 0.05    |
| newbn2l       | 0.23   | 0.20   | 0.17   | 0.24   | 0.17    |
| newbn3l       | 0.18   | 0.13   | 0.22   | 0.46   | 0.01    |
| newbn4l       | 0.27   | 0.17   | 0.16   | 0.23   | 0.17    |
| nucmed        | 0.26   | 0.19   | 0.20   | 0.30   | 0.04    |
| observation   | 0.17   | 0.27   | 0.23   | 0.32   | 0.01    |
| occtherapy    | 0.27   | 0.22   | 0.22   | 0.24   | 0.04    |
| organacq      | 0.28   | 0.20   | 0.20   | 0.30   | 0.03    |
| othimplants   | 0.19   | 0.20   | 0.21   | 0.39   | 0.02    |
| pacemaker     | 0.21   | 0.21   | 0.20   | 0.36   | 0.02    |
| phytherapy    | 0.23   | 0.21   | 0.21   | 0.32   | 0.03    |
| radtherapy    | 0.24   | 0.20   | 0.18   | 0.33   | 0.05    |
| resptherapy   | 0.27   | 0.23   | 0.20   | 0.25   | 0.05    |
| speechtherapy | 0.23   | 0.20   | 0.22   | 0.32   | 0.03    |
| stress        | 0.28   | 0.18   | 0.20   | 0.28   | 0.05    |
| ultrasound    | 0.28   | 0.20   | 0.19   | 0.27   | 0.06    |

Table 30: Service utilization by est. median zipcode income quartile, 2007

| service       | Qrtl 1 | Qrtl 2 | Qrtl 3 | Qrtl 4 | Missing |
|---------------|--------|--------|--------|--------|---------|
| blood         | 0.27   | 0.20   | 0.19   | 0.30   | 0.03    |
| cath          | 0.25   | 0.20   | 0.20   | 0.33   | 0.03    |
| ccu           | 0.24   | 0.20   | 0.21   | 0.31   | 0.04    |
| chestxray     | 0.31   | 0.19   | 0.17   | 0.24   | 0.08    |
| ctscan        | 0.27   | 0.19   | 0.18   | 0.30   | 0.06    |
| dialysis      | 0.34   | 0.18   | 0.18   | 0.25   | 0.06    |
| echo          | 0.30   | 0.19   | 0.17   | 0.30   | 0.05    |
| ed            | 0.27   | 0.19   | 0.18   | 0.28   | 0.09    |
| eeg           | 0.23   | 0.17   | 0.18   | 0.34   | 0.07    |
| ekg           | 0.25   | 0.19   | 0.19   | 0.32   | 0.05    |
| epo           | 0.31   | 0.17   | 0.15   | 0.34   | 0.03    |
| icu           | 0.26   | 0.20   | 0.18   | 0.31   | 0.05    |
| lithotripsy   | 0.19   | 0.16   | 0.24   | 0.37   | 0.04    |
| mhsa          | 0.37   | 0.16   | 0.16   | 0.19   | 0.12    |
| mrt           | 0.25   | 0.17   | 0.18   | 0.35   | 0.05    |
| newbn2l       | 0.26   | 0.21   | 0.15   | 0.20   | 0.18    |
| newbn3l       | 0.20   | 0.14   | 0.16   | 0.50   | 0.01    |
| newbn4l       | 0.26   | 0.16   | 0.16   | 0.23   | 0.18    |
| nucmed        | 0.27   | 0.19   | 0.19   | 0.31   | 0.04    |
| observation   | 0.23   | 0.27   | 0.22   | 0.28   | 0.01    |
| occtherapy    | 0.27   | 0.21   | 0.22   | 0.26   | 0.04    |
| organacq      | 0.29   | 0.18   | 0.17   | 0.34   | 0.02    |
| othimplants   | 0.20   | 0.19   | 0.20   | 0.40   | 0.02    |
| pacemaker     | 0.21   | 0.20   | 0.20   | 0.37   | 0.03    |
| phytherapy    | 0.23   | 0.20   | 0.20   | 0.34   | 0.03    |
| radtherapy    | 0.25   | 0.19   | 0.17   | 0.34   | 0.06    |
| resptherapy   | 0.27   | 0.22   | 0.19   | 0.26   | 0.05    |
| speechtherapy | 0.23   | 0.19   | 0.22   | 0.33   | 0.04    |
| stress        | 0.29   | 0.18   | 0.20   | 0.29   | 0.05    |
| ultrasound    | 0.29   | 0.19   | 0.18   | 0.29   | 0.06    |



Table 31: Service utilization by est. median zipcode income quartile, 2008

| service       | Qrtl 1 | Qrtl 2 | Qrtl 3 | Qrtl 4 | Missing |
|---------------|--------|--------|--------|--------|---------|
| blood         | 0.22   | 0.20   | 0.19   | 0.31   | 0.07    |
| cath          | 0.21   | 0.21   | 0.21   | 0.33   | 0.04    |
| ccu           | 0.21   | 0.20   | 0.21   | 0.32   | 0.06    |
| chestxray     | 0.26   | 0.20   | 0.17   | 0.25   | 0.12    |
| ctscan        | 0.22   | 0.20   | 0.18   | 0.31   | 0.09    |
| dialysis      | 0.28   | 0.18   | 0.17   | 0.25   | 0.12    |
| echo          | 0.25   | 0.20   | 0.17   | 0.31   | 0.07    |
| ed            | 0.22   | 0.20   | 0.18   | 0.29   | 0.11    |
| eeg           | 0.20   | 0.18   | 0.18   | 0.36   | 0.09    |
| ekg           | 0.21   | 0.20   | 0.19   | 0.33   | 0.07    |
| epo           | 0.24   | 0.16   | 0.15   | 0.38   | 0.08    |
| icu           | 0.20   | 0.21   | 0.19   | 0.32   | 0.08    |
| lithotripsy   | 0.16   | 0.19   | 0.22   | 0.37   | 0.06    |
| mhsa          | 0.29   | 0.17   | 0.16   | 0.20   | 0.19    |
| mrt           | 0.22   | 0.18   | 0.18   | 0.35   | 0.08    |
| newbn2l       | 0.23   | 0.22   | 0.17   | 0.21   | 0.16    |
| newbn3l       | 0.16   | 0.12   | 0.18   | 0.52   | 0.01    |
| newbn4l       | 0.24   | 0.16   | 0.17   | 0.25   | 0.18    |
| nucmed        | 0.23   | 0.19   | 0.19   | 0.31   | 0.07    |
| observation   | 0.21   | 0.27   | 0.26   | 0.21   | 0.05    |
| occtherapy    | 0.22   | 0.24   | 0.21   | 0.27   | 0.06    |
| organacq      | 0.23   | 0.17   | 0.19   | 0.36   | 0.05    |
| othimplants   | 0.16   | 0.20   | 0.20   | 0.39   | 0.04    |
| pacemaker     | 0.17   | 0.22   | 0.20   | 0.37   | 0.03    |
| phytherapy    | 0.19   | 0.21   | 0.20   | 0.35   | 0.06    |
| radtherapy    | 0.19   | 0.19   | 0.17   | 0.35   | 0.09    |
| resptherapy   | 0.23   | 0.23   | 0.19   | 0.28   | 0.08    |
| speechtherapy | 0.19   | 0.20   | 0.21   | 0.34   | 0.05    |
| stress        | 0.25   | 0.19   | 0.20   | 0.30   | 0.07    |
| ultrasound    | 0.24   | 0.19   | 0.18   | 0.29   | 0.10    |

Table 32: Service utilization by est. median zipcode income quartile, 2009

| service       | Qrtl 1 | Qrtl 2 | Qrtl 3 | Qrtl 4 | Missing |
|---------------|--------|--------|--------|--------|---------|
| blood         | 0.22   | 0.20   | 0.20   | 0.31   | 0.07    |
| cath          | 0.21   | 0.20   | 0.21   | 0.33   | 0.04    |
| ccu           | 0.21   | 0.19   | 0.22   | 0.32   | 0.06    |
| chestxray     | 0.26   | 0.20   | 0.18   | 0.25   | 0.12    |
| ctscan        | 0.22   | 0.19   | 0.19   | 0.31   | 0.09    |
| dialysis      | 0.29   | 0.18   | 0.18   | 0.23   | 0.12    |
| echo          | 0.25   | 0.20   | 0.18   | 0.29   | 0.08    |
| ed            | 0.22   | 0.19   | 0.18   | 0.29   | 0.11    |
| eeg           | 0.20   | 0.17   | 0.18   | 0.36   | 0.08    |
| ekg           | 0.21   | 0.20   | 0.19   | 0.33   | 0.07    |
| epo           | 0.21   | 0.13   | 0.15   | 0.43   | 0.08    |
| icu           | 0.21   | 0.20   | 0.19   | 0.32   | 0.08    |
| lithotripsy   | 0.22   | 0.23   | 0.15   | 0.31   | 0.09    |
| mhsa          | 0.28   | 0.16   | 0.16   | 0.22   | 0.18    |
| mrt           | 0.22   | 0.18   | 0.18   | 0.34   | 0.08    |
| newbn2l       | 0.19   | 0.19   | 0.16   | 0.28   | 0.17    |
| newbn3l       | 0.16   | 0.13   | 0.19   | 0.51   | 0.01    |
| newbn4l       | 0.24   | 0.16   | 0.18   | 0.25   | 0.17    |
| nucmed        | 0.23   | 0.19   | 0.19   | 0.31   | 0.07    |
| observation   | 0.21   | 0.27   | 0.28   | 0.20   | 0.04    |
| occtherapy    | 0.22   | 0.23   | 0.21   | 0.28   | 0.06    |
| organacq      | 0.24   | 0.16   | 0.17   | 0.37   | 0.06    |
| othimplants   | 0.17   | 0.20   | 0.21   | 0.39   | 0.04    |
| pacemaker     | 0.17   | 0.21   | 0.21   | 0.37   | 0.04    |
| phytherapy    | 0.19   | 0.20   | 0.20   | 0.35   | 0.06    |
| radtherapy    | 0.19   | 0.18   | 0.18   | 0.34   | 0.10    |
| resptherapy   | 0.23   | 0.22   | 0.20   | 0.28   | 0.08    |
| speechtherapy | 0.20   | 0.20   | 0.21   | 0.34   | 0.05    |
| stress        | 0.24   | 0.19   | 0.20   | 0.30   | 0.06    |
| ultrasound    | 0.23   | 0.19   | 0.19   | 0.29   | 0.10    |

Table 33: Service utilization by est. median zipcode income quartile, 2010

| service       | Qrtl 1 | Qrtl 2 | Qrtl 3 | Qrtl 4 | Missing |
|---------------|--------|--------|--------|--------|---------|
| blood         | 0.22   | 0.20   | 0.19   | 0.32   | 0.07    |
| cath          | 0.21   | 0.21   | 0.20   | 0.34   | 0.04    |
| ccu           | 0.21   | 0.18   | 0.23   | 0.33   | 0.06    |
| chestxray     | 0.25   | 0.20   | 0.18   | 0.26   | 0.11    |
| ctscan        | 0.21   | 0.19   | 0.19   | 0.32   | 0.09    |
| dialysis      | 0.28   | 0.19   | 0.18   | 0.23   | 0.11    |
| echo          | 0.23   | 0.19   | 0.18   | 0.30   | 0.09    |
| ed            | 0.22   | 0.19   | 0.18   | 0.30   | 0.11    |
| eeg           | 0.19   | 0.18   | 0.19   | 0.37   | 0.08    |
| ekg           | 0.20   | 0.20   | 0.19   | 0.34   | 0.07    |
| epo           | 0.20   | 0.13   | 0.14   | 0.45   | 0.07    |
| icu           | 0.21   | 0.20   | 0.19   | 0.33   | 0.07    |
| lithotripsy   | 0.22   | 0.20   | 0.23   | 0.29   | 0.07    |
| mhsa          | 0.27   | 0.16   | 0.16   | 0.22   | 0.18    |
| mrt           | 0.21   | 0.18   | 0.18   | 0.35   | 0.07    |
| newbn2l       | 0.22   | 0.15   | 0.16   | 0.29   | 0.17    |
| newbn3l       | 0.13   | 0.12   | 0.19   | 0.55   | 0.01    |
| newbn4l       | 0.23   | 0.16   | 0.17   | 0.27   | 0.16    |
| nucmed        | 0.22   | 0.19   | 0.19   | 0.32   | 0.07    |
| observation   | 0.23   | 0.25   | 0.26   | 0.22   | 0.04    |
| occtherapy    | 0.22   | 0.23   | 0.21   | 0.29   | 0.06    |
| organacq      | 0.21   | 0.16   | 0.19   | 0.39   | 0.05    |
| othimplants   | 0.16   | 0.20   | 0.20   | 0.41   | 0.03    |
| pacemaker     | 0.17   | 0.22   | 0.20   | 0.37   | 0.04    |
| phytherapy    | 0.19   | 0.20   | 0.20   | 0.37   | 0.05    |
| radtherapy    | 0.19   | 0.19   | 0.18   | 0.34   | 0.10    |
| resptherapy   | 0.23   | 0.22   | 0.19   | 0.28   | 0.08    |
| speechtherapy | 0.19   | 0.20   | 0.21   | 0.35   | 0.06    |
| stress        | 0.24   | 0.19   | 0.20   | 0.32   | 0.06    |
| ultrasound    | 0.22   | 0.19   | 0.18   | 0.31   | 0.09    |

Table 34: Service utilization by est. median zipcode income quartile, 2011

| service       | Qrtl 1 | Qrtl 2 | Qrtl 3 | Qrtl 4 | Missing |
|---------------|--------|--------|--------|--------|---------|
| blood         | 0.21   | 0.19   | 0.22   | 0.32   | 0.06    |
| cath          | 0.21   | 0.20   | 0.23   | 0.33   | 0.04    |
| ccu           | 0.20   | 0.20   | 0.25   | 0.31   | 0.04    |
| chestxray     | 0.25   | 0.19   | 0.21   | 0.26   | 0.10    |
| ctscan        | 0.21   | 0.19   | 0.22   | 0.31   | 0.07    |
| dialysis      | 0.29   | 0.18   | 0.21   | 0.23   | 0.10    |
| echo          | 0.22   | 0.19   | 0.21   | 0.29   | 0.09    |
| ed            | 0.23   | 0.18   | 0.21   | 0.28   | 0.10    |
| eeg           | 0.18   | 0.17   | 0.22   | 0.35   | 0.08    |
| ekg           | 0.20   | 0.19   | 0.22   | 0.32   | 0.06    |
| epo           | 0.24   | 0.14   | 0.18   | 0.38   | 0.06    |
| icu           | 0.21   | 0.19   | 0.21   | 0.32   | 0.07    |
| lithotripsy   | 0.24   | 0.18   | 0.26   | 0.25   | 0.07    |
| mhsa          | 0.28   | 0.16   | 0.19   | 0.22   | 0.15    |
| mrt           | 0.21   | 0.18   | 0.21   | 0.34   | 0.06    |
| newbn2l       | 0.23   | 0.19   | 0.17   | 0.30   | 0.11    |
| newbn3l       | 0.11   | 0.11   | 0.22   | 0.56   | 0.01    |
| newbn4l       | 0.23   | 0.16   | 0.21   | 0.25   | 0.15    |
| nucmed        | 0.22   | 0.19   | 0.22   | 0.32   | 0.06    |
| observation   | 0.24   | 0.24   | 0.30   | 0.19   | 0.03    |
| occtherapy    | 0.21   | 0.22   | 0.24   | 0.28   | 0.05    |
| organacq      | 0.24   | 0.17   | 0.22   | 0.34   | 0.04    |
| othimplants   | 0.17   | 0.19   | 0.23   | 0.39   | 0.03    |
| pacemaker     | 0.17   | 0.20   | 0.23   | 0.37   | 0.03    |
| phytherapy    | 0.19   | 0.20   | 0.23   | 0.35   | 0.04    |
| radtherapy    | 0.19   | 0.17   | 0.23   | 0.34   | 0.08    |
| resptherapy   | 0.22   | 0.21   | 0.22   | 0.29   | 0.07    |
| speechtherapy | 0.19   | 0.19   | 0.24   | 0.33   | 0.05    |
| stress        | 0.24   | 0.18   | 0.23   | 0.30   | 0.05    |
| ultrasound    | 0.23   | 0.19   | 0.21   | 0.30   | 0.08    |

Table 35: Service utilization by est. median zipcode income quartile, 2012

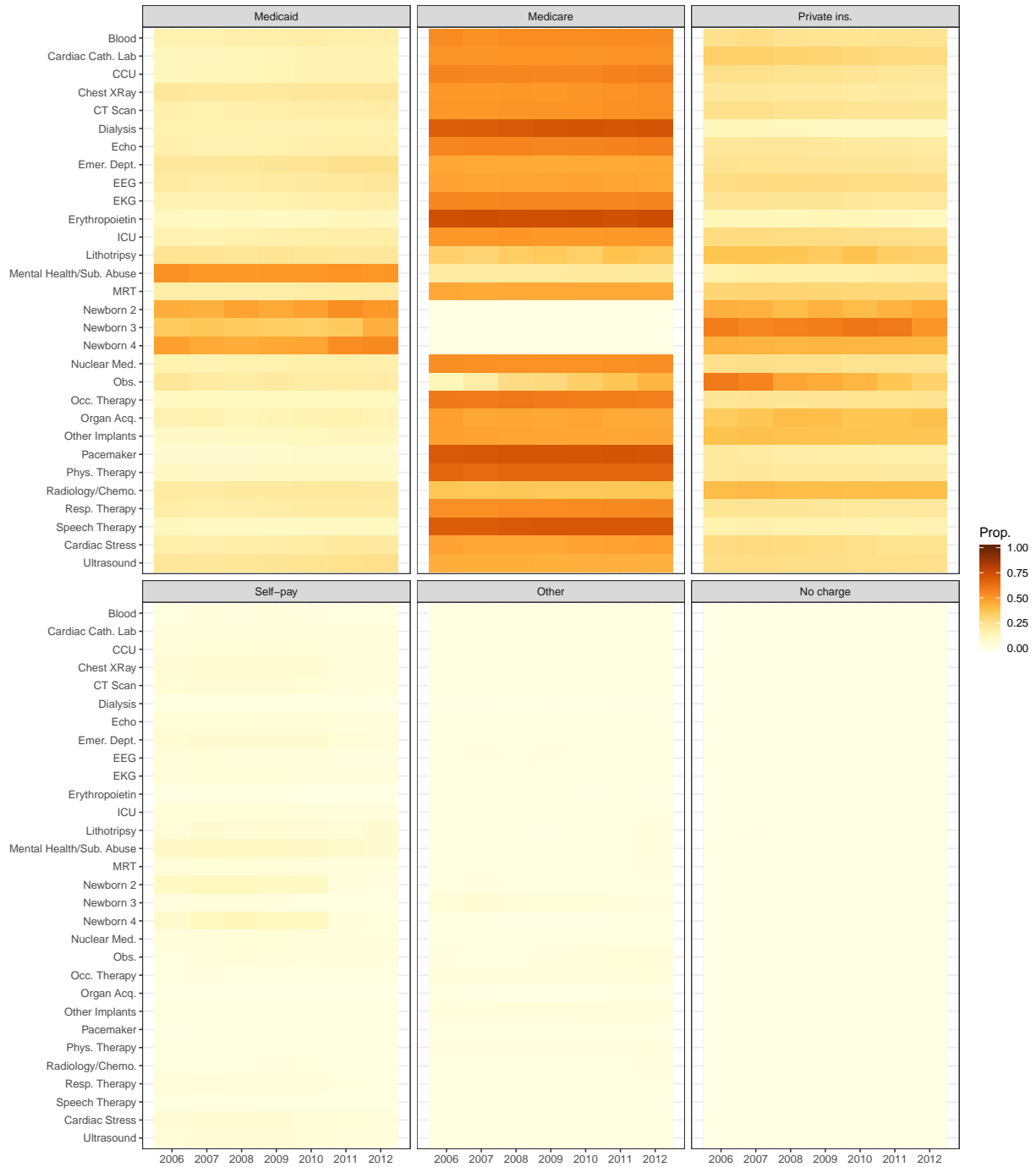
| service       | Qrtl 1 | Qrtl 2 | Qrtl 3 | Qrtl 4 | Missing |
|---------------|--------|--------|--------|--------|---------|
| blood         | 0.20   | 0.20   | 0.21   | 0.34   | 0.05    |
| cath          | 0.21   | 0.20   | 0.21   | 0.34   | 0.04    |
| ccu           | 0.19   | 0.20   | 0.24   | 0.33   | 0.04    |
| chestxray     | 0.24   | 0.20   | 0.19   | 0.27   | 0.10    |
| ctscan        | 0.21   | 0.19   | 0.20   | 0.33   | 0.07    |
| dialysis      | 0.29   | 0.18   | 0.20   | 0.24   | 0.10    |
| echo          | 0.22   | 0.19   | 0.19   | 0.31   | 0.08    |
| ed            | 0.23   | 0.19   | 0.19   | 0.30   | 0.09    |
| eeg           | 0.18   | 0.18   | 0.20   | 0.36   | 0.08    |
| ekg           | 0.20   | 0.19   | 0.20   | 0.34   | 0.06    |
| epo           | 0.26   | 0.15   | 0.20   | 0.33   | 0.07    |
| icu           | 0.21   | 0.20   | 0.20   | 0.33   | 0.06    |
| lithotripsy   | 0.23   | 0.16   | 0.23   | 0.30   | 0.07    |
| mhsa          | 0.28   | 0.17   | 0.17   | 0.24   | 0.15    |
| mrt           | 0.21   | 0.18   | 0.20   | 0.35   | 0.06    |
| newbn2l       | 0.21   | 0.20   | 0.20   | 0.32   | 0.08    |
| newbn3l       | 0.14   | 0.12   | 0.24   | 0.50   | 0.01    |
| newbn4l       | 0.25   | 0.17   | 0.19   | 0.26   | 0.14    |
| nucmed        | 0.21   | 0.19   | 0.21   | 0.33   | 0.05    |
| observation   | 0.23   | 0.24   | 0.29   | 0.22   | 0.02    |
| occtherapy    | 0.20   | 0.23   | 0.23   | 0.30   | 0.04    |
| organacq      | 0.21   | 0.18   | 0.18   | 0.40   | 0.03    |
| othimplants   | 0.16   | 0.19   | 0.21   | 0.41   | 0.02    |
| pacemaker     | 0.17   | 0.20   | 0.21   | 0.39   | 0.03    |
| phytherapy    | 0.18   | 0.20   | 0.21   | 0.37   | 0.03    |
| radtherapy    | 0.18   | 0.19   | 0.20   | 0.36   | 0.08    |
| resptherapy   | 0.21   | 0.21   | 0.21   | 0.30   | 0.06    |
| speechtherapy | 0.19   | 0.20   | 0.22   | 0.34   | 0.05    |
| stress        | 0.23   | 0.19   | 0.22   | 0.32   | 0.05    |
| ultrasound    | 0.22   | 0.19   | 0.20   | 0.31   | 0.07    |

# Heatmaps

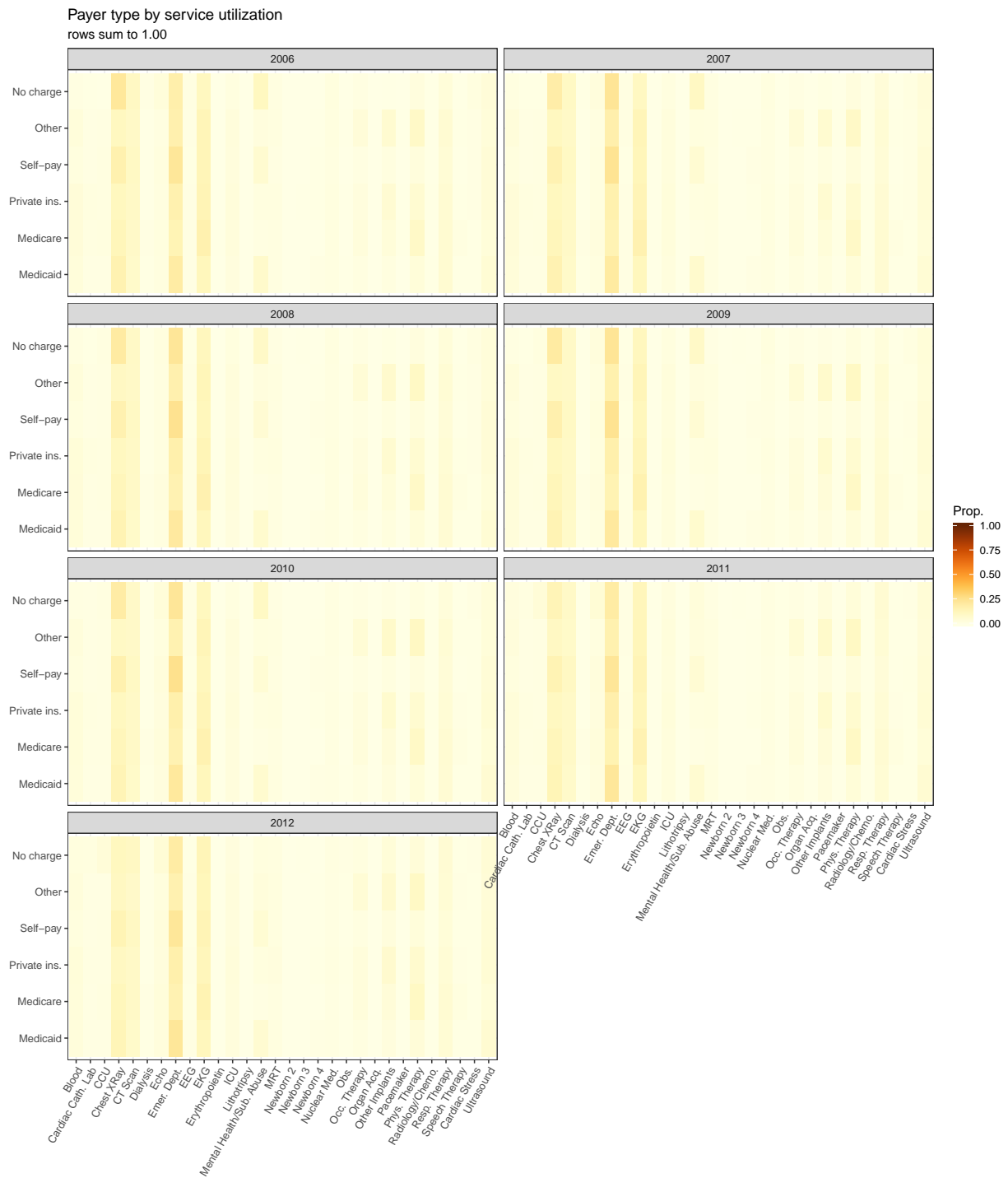
## Share of service utilization by payer types



Payer types sum to 1.00; this ver. better shows time trend within payer types



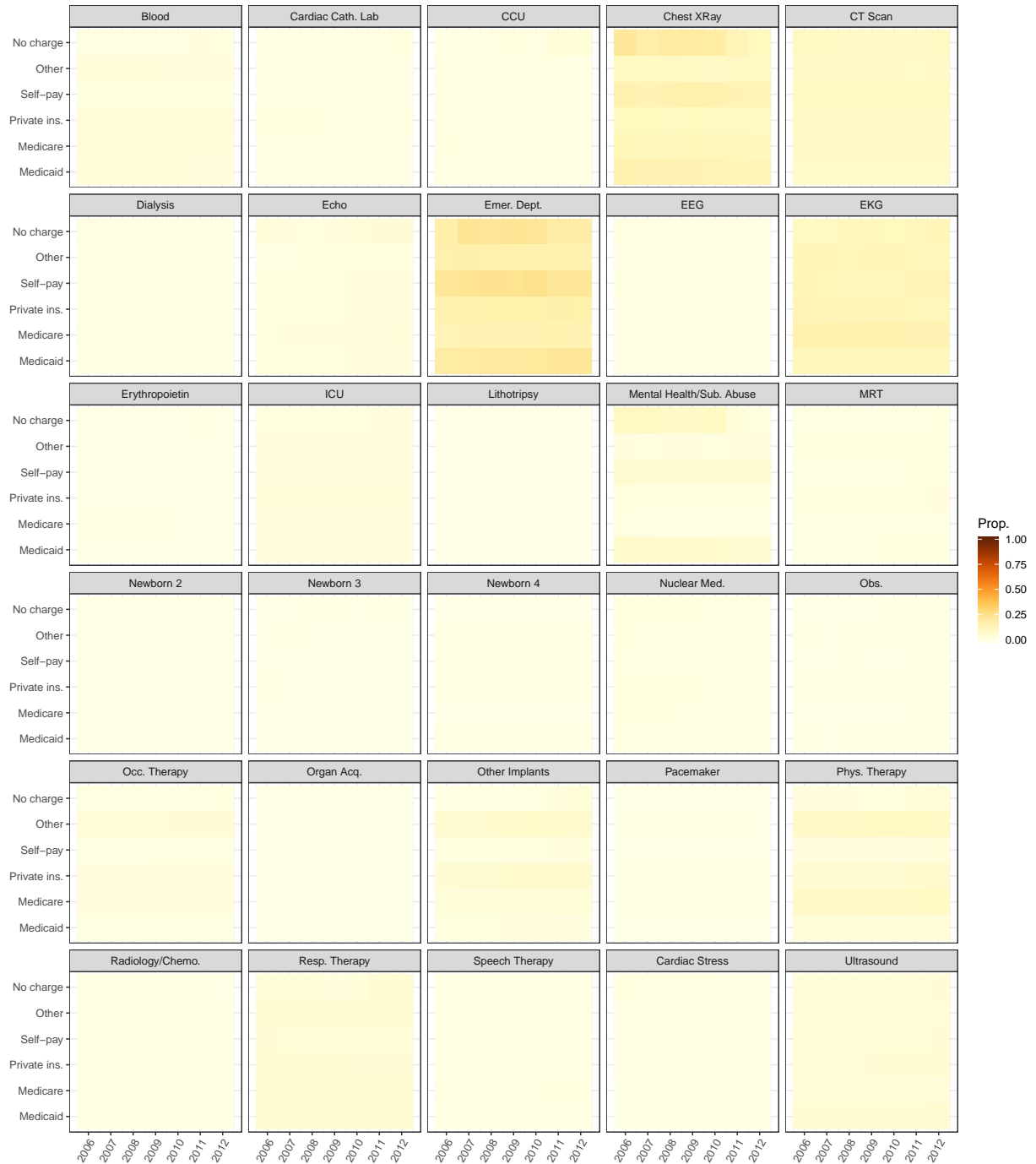
# Share of payer types by service utilization





# Payer type by service utilization

Service utilizations sum to 1.00; this ver. better shows time trend within payer types



## Share of service utilization by estimated median household income of residents in the patient's ZIP Code



Service utilization by estimated median household income of patient's zipcode  
 Quartiles sum to 1.00; this ver. better shows time trend within income quartiles

