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| Appendix Table 3: Utilization rates, number of visits, and payment associated with mental health conditions in MarketScan enrollees: 2005-2018 (with multiple diagnoses codes) |
|  |
| Panel A: Depression |  |  |  |  |  |  |  |  |  |
| Year |  Payment: Urban  |  Payment: Rural  |  OOP: Urban  |  OOP: Rural  | rate: Urban  | rate: Rural  |  count: Urban  |  count: Rural  |
| 2005 |  519.46  |  350.61  |  |  109.70  |  86.41  |  | 0.053 | 0.041 |  |  6.24  |  4.37  |
| 2006 |  474.49  |  331.62  |  |  112.50  |  86.29  |  | 0.056 | 0.048 |  |  6.33  |  4.38  |
| 2007 |  472.06  |  334.71  |  |  108.80  |  74.30  |  | 0.058 | 0.052 |  |  6.11  |  3.96  |
| 2008 |  484.40  |  330.31  |  |  112.13  |  72.22  |  | 0.060 | 0.058 |  |  6.12  |  3.84  |
| 2009 |  484.31  |  319.22  |  |  111.12  |  71.27  |  | 0.062 | 0.059 |  |  6.01  |  3.72  |
| 2010 |  497.23  |  323.62  |  |  132.10  |  70.37  |  | 0.067 | 0.064 |  |  6.05  |  3.90  |
| 2011 |  459.87  |  314.16  |  |  105.85  |  65.62  |  | 0.069 | 0.067 |  |  5.86  |  3.70  |
| 2012 |  424.25  |  284.24  |  |  95.83  |  61.52  |  | 0.071 | 0.069 |  |  5.78  |  3.67  |
| 2013 |  422.45  |  271.26  |  |  97.38  |  62.77  |  | 0.070 | 0.068 |  |  5.86  |  3.62  |
| 2014 |  377.50  |  247.92  |  |  88.15  |  54.70  |  | 0.074 | 0.074 |  |  5.42  |  3.37  |
| 2015 |  431.93  |  270.73  |  |  107.19  |  67.71  |  | 0.067 | 0.068 |  |  5.31  |  3.23  |
| 2016 |  467.75  |  300.97  |  |  109.40  |  72.87  |  | 0.063 | 0.063 |  |  5.32  |  3.38  |
| 2017 |  475.12  |  311.62  |  |  112.32  |  75.50  |  | 0.066 | 0.065 |  |  5.34  |  3.44  |
| 2018 |  474.52  |  323.35  |  |  112.37  |  78.33  |  | 0.068 | 0.069 |  |  5.45  |  3.49  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Panel B: Anxiety Disorder |  |  |  |  |  |  |  |  |  |
| Year |  Payment: Urban  |  Payment: Rural  |  OOP: Urban  |  OOP: Rural  | rate: Urban  | rate: Rural  |  count: Urban  |  count: Rural  |
| 2005 |  34.23  |  53.16  |  |  4.00  |  7.49  |  | 0.003 | 0.004 |  |  1.73  |  1.40  |
| 2006 |  24.35  |  46.56  |  |  4.48  |  9.38  |  | 0.004 | 0.007 |  |  1.65  |  1.62  |
| 2007 |  51.28  |  73.41  |  |  6.46  |  11.42  |  | 0.007 | 0.011 |  |  1.67  |  1.55  |
| 2008 |  69.33  |  89.27  |  |  9.23  |  14.53  |  | 0.011 | 0.016 |  |  1.77  |  1.57  |
| 2009 |  85.94  |  98.16  |  |  11.17  |  16.12  |  | 0.013 | 0.018 |  |  1.79  |  1.63  |
| 2010 |  104.35  |  112.35  |  |  16.64  |  18.93  |  | 0.020 | 0.024 |  |  1.96  |  1.70  |
| 2011 |  122.06  |  133.00  |  |  19.03  |  22.87  |  | 0.025 | 0.030 |  |  1.98  |  1.75  |
| 2012 |  148.09  |  162.35  |  |  23.16  |  27.16  |  | 0.030 | 0.035 |  |  2.03  |  1.81  |
| 2013 |  163.12  |  174.22  |  |  26.10  |  31.85  |  | 0.032 | 0.039 |  |  2.10  |  1.81  |
| 2014 |  188.40  |  191.55  |  |  32.01  |  33.73  |  | 0.044 | 0.051 |  |  2.14  |  1.87  |
| 2015 |  211.31  |  198.69  |  |  40.82  |  41.12  |  | 0.042 | 0.050 |  |  2.23  |  1.87  |
| 2016 |  203.93  |  179.04  |  |  41.21  |  39.68  |  | 0.043 | 0.048 |  |  2.18  |  1.83  |
| 2017 |  216.82  |  181.48  |  |  43.64  |  41.42  |  | 0.046 | 0.050 |  |  2.22  |  1.86  |
| 2018 |  217.95  |  195.65  |  |  43.62  |  42.89  |  | 0.048 | 0.054 |  |  2.28  |  1.89  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Panel C: Substance Use Disorder |  |  |  |  |  |  |  |  |
| Year |  Payment: Urban  |  Payment: Rural  |  OOP: Urban  |  OOP: Rural  | rate: Urban  | rate: Rural  |  count: Urban  |  count: Rural  |
| 2005 |  205.07  |  260.30  |  |  22.20  |  34.07  |  | 0.010 | 0.010 |  |  2.68  |  2.03  |
| 2006 |  149.14  |  179.00  |  |  20.42  |  27.87  |  | 0.009 | 0.010 |  |  3.07  |  2.33  |
| 2007 |  222.11  |  282.89  |  |  26.01  |  38.01  |  | 0.015 | 0.019 |  |  2.53  |  1.98  |
| 2008 |  249.58  |  339.14  |  |  31.74  |  47.88  |  | 0.018 | 0.023 |  |  2.56  |  1.96  |
| 2009 |  268.56  |  362.66  |  |  34.05  |  52.82  |  | 0.018 | 0.024 |  |  2.55  |  2.03  |
| 2010 |  277.53  |  379.91  |  |  37.69  |  55.43  |  | 0.021 | 0.027 |  |  2.63  |  2.05  |
| 2011 |  309.77  |  396.85  |  |  44.28  |  62.65  |  | 0.024 | 0.033 |  |  2.71  |  2.17  |
| 2012 |  333.94  |  419.74  |  |  50.36  |  67.82  |  | 0.027 | 0.036 |  |  2.85  |  2.24  |
| 2013 |  351.24  |  407.36  |  |  53.57  |  70.24  |  | 0.027 | 0.036 |  |  3.01  |  2.31  |
| 2014 |  379.70  |  411.75  |  |  60.99  |  71.64  |  | 0.032 | 0.042 |  |  3.01  |  2.35  |
| 2015 |  585.05  |  528.34  |  |  93.28  |  96.72  |  | 0.030 | 0.039 |  |  3.68  |  2.78  |
| 2016 |  603.56  |  586.64  |  |  103.78  |  114.23  |  | 0.029 | 0.038 |  |  3.71  |  2.86  |
| 2017 |  593.47  |  607.91  |  |  106.52  |  124.50  |  | 0.031 | 0.042 |  |  3.76  |  2.83  |
| 2018 |  559.17  |  623.82  |  |  104.52  |  131.07  |  | 0.033 | 0.045 |  |  3.79  |  2.91  |

 |
| Note: OOP: Out of pocket cost |