

| 1 | Variable | Description | Definition |
|---|------------------|---|----------------------|
| 2 | ResActiveService | Calendar month customer count - historical data | from company records |
| 3 | Population | Colorado State Population | from Global Insight |
| 4 | AR(1) | First order autoregressive term | |
| 5 | AR(2) | Second order autoregressive term | |
| 6 | SAR(1) | Seasonal first order autoregressive term | |

| 1 | Variable | Coefficient | StdErr | T-Stat | P-Value |
|---|------------|-------------|--------|--------|---------|
| 2 | Population | 219.695 | 10.875 | 20.202 | 0.00% |
| 3 | AR(1) | 1.466 | 0.083 | 17.593 | 0.00% |
| 4 | AR(2) | -0.471 | 0.083 | -5.678 | 0.00% |
| 5 | SAR(1) | 0.568 | 0.069 | 8.273 | 0.00% |

| | | |
|----|---------------------------|-------------------|
| 1 | Model Statistics | |
| 2 | Iterations | 14 |
| 3 | Adjusted Observations | 106 |
| 4 | Deg. of Freedom for Error | 102 |
| 5 | R-Squared | 1.000 |
| 6 | Adjusted R-Squared | 1.000 |
| 7 | AIC | 12.521 |
| 8 | BIC | 12.621 |
| 9 | F-Statistic | NA |
| 10 | Prob (F-Statistic) | NA |
| 11 | Log-Likelihood | -810.02 |
| 12 | Model Sum of Squares | 71,764,809,360.87 |
| 13 | Sum of Squared Errors | 26,935,596.51 |
| 14 | Mean Squared Error | 264,074.48 |
| 15 | Std. Error of Regression | 513.88 |
| 16 | Mean Abs. Dev. (MAD) | 378.67 |
| 17 | Mean Abs. % Err. (MAPE) | 0.03% |
| 18 | Durbin-Watson Statistic | 1.996 |
| 19 | Durbin-H Statistic | NA |
| 20 | Ljung-Box Statistic | 42.58 |
| 21 | Prob (Ljung-Box) | 0.0111 |
| 22 | Skewness | 0.691 |
| 23 | Kurtosis | 5.462 |
| 24 | Jarque-Bera | 35.226 |
| 25 | Prob (Jarque-Bera) | 0.0000 |

| 1 | Year | Month | Actual | Pred | Resid | %Resid | StdResid |
|----|------|-------|---------------|---------------|-----------|--------|----------|
| 2 | 2007 | 1 | 1,157,982.000 | | | | |
| 3 | 2007 | 2 | 1,160,057.000 | | | | |
| 4 | 2007 | 3 | 1,161,892.000 | | | | |
| 5 | 2007 | 4 | 1,162,804.000 | | | | |
| 6 | 2007 | 5 | 1,163,185.000 | | | | |
| 7 | 2007 | 6 | 1,162,643.000 | | | | |
| 8 | 2007 | 7 | 1,162,636.000 | | | | |
| 9 | 2007 | 8 | 1,163,282.000 | | | | |
| 10 | 2007 | 9 | 1,163,155.000 | | | | |
| 11 | 2007 | 10 | 1,166,307.000 | | | | |
| 12 | 2007 | 11 | 1,167,885.000 | | | | |
| 13 | 2007 | 12 | 1,169,306.000 | | | | |
| 14 | 2008 | 1 | 1,171,399.000 | | | | |
| 15 | 2008 | 2 | 1,172,479.000 | | | | |
| 16 | 2008 | 3 | 1,173,303.000 | 1,173,655.983 | -352.983 | 0.000 | -0.687 |
| 17 | 2008 | 4 | 1,173,762.000 | 1,173,903.451 | -141.451 | 0.000 | -0.275 |
| 18 | 2008 | 5 | 1,174,047.000 | 1,174,139.336 | -92.336 | 0.000 | -0.180 |
| 19 | 2008 | 6 | 1,173,489.000 | 1,173,875.526 | -386.526 | 0.000 | -0.752 |
| 20 | 2008 | 7 | 1,173,973.000 | 1,173,516.923 | 456.077 | 0.000 | 0.888 |
| 21 | 2008 | 8 | 1,176,815.000 | 1,174,719.904 | 2095.096 | 0.002 | 4.077 |
| 22 | 2008 | 9 | 1,179,246.000 | 1,178,048.804 | 1197.196 | 0.001 | 2.330 |
| 23 | 2008 | 10 | 1,181,910.000 | 1,182,347.891 | -437.891 | 0.000 | -0.852 |
| 24 | 2008 | 11 | 1,183,771.000 | 1,183,348.796 | 422.204 | 0.000 | 0.822 |
| 25 | 2008 | 12 | 1,186,255.000 | 1,185,162.027 | 1092.973 | 0.001 | 2.127 |
| 26 | 2009 | 1 | 1,187,996.000 | 1,188,358.134 | -362.134 | 0.000 | -0.705 |
| 27 | 2009 | 2 | 1,188,848.000 | 1,188,994.347 | -146.347 | 0.000 | -0.285 |
| 28 | 2009 | 3 | 1,189,640.000 | 1,189,555.213 | 84.787 | 0.000 | 0.165 |
| 29 | 2009 | 4 | 1,189,327.000 | 1,190,181.372 | -854.372 | -0.001 | -1.663 |
| 30 | 2009 | 5 | 1,188,942.000 | 1,189,352.707 | -410.707 | 0.000 | -0.799 |
| 31 | 2009 | 6 | 1,189,162.000 | 1,188,426.840 | 735.160 | 0.001 | 1.431 |
| 32 | 2009 | 7 | 1,188,734.000 | 1,189,786.788 | -1052.788 | -0.001 | -2.049 |
| 33 | 2009 | 8 | 1,188,527.000 | 1,190,121.163 | -1594.163 | -0.001 | -3.102 |
| 34 | 2009 | 9 | 1,188,770.000 | 1,189,165.002 | -395.002 | 0.000 | -0.769 |
| 35 | 2009 | 10 | 1,190,714.000 | 1,189,869.966 | 844.034 | 0.001 | 1.642 |
| 36 | 2009 | 11 | 1,191,934.000 | 1,192,096.204 | -162.204 | 0.000 | -0.316 |
| 37 | 2009 | 12 | 1,193,418.000 | 1,193,546.109 | -128.109 | 0.000 | -0.249 |
| 38 | 2010 | 1 | 1,195,227.000 | 1,194,567.617 | 659.383 | 0.001 | 1.283 |
| 39 | 2010 | 2 | 1,196,337.000 | 1,196,221.674 | 115.326 | 0.000 | 0.224 |
| 40 | 2010 | 3 | 1,197,680.000 | 1,197,226.272 | 453.728 | 0.000 | 0.883 |
| 41 | 2010 | 4 | 1,197,580.000 | 1,198,055.814 | -475.814 | 0.000 | -0.926 |
| 42 | 2010 | 5 | 1,197,626.000 | 1,197,533.639 | 92.361 | 0.000 | 0.180 |
| 43 | 2010 | 6 | 1,197,542.000 | 1,197,939.818 | -397.818 | 0.000 | -0.774 |
| 44 | 2010 | 7 | 1,196,898.000 | 1,197,302.154 | -404.154 | 0.000 | -0.786 |
| 45 | 2010 | 8 | 1,196,984.000 | 1,196,697.698 | 286.302 | 0.000 | 0.557 |
| 46 | 2010 | 9 | 1,197,018.000 | 1,197,325.178 | -307.178 | 0.000 | -0.598 |
| 47 | 2010 | 10 | 1,198,057.000 | 1,198,183.877 | -126.877 | 0.000 | -0.247 |
| 48 | 2010 | 11 | 1,199,866.000 | 1,198,831.968 | 1034.032 | 0.001 | 2.012 |
| 49 | 2010 | 12 | 1,200,950.000 | 1,201,344.014 | -394.014 | 0.000 | -0.767 |
| 50 | 2011 | 1 | 1,202,654.000 | 1,202,202.101 | 451.899 | 0.000 | 0.879 |
| 51 | 2011 | 2 | 1,203,696.000 | 1,203,712.756 | -16.756 | 0.000 | -0.033 |
| 52 | 2011 | 3 | 1,204,699.000 | 1,204,751.422 | -52.422 | 0.000 | -0.102 |

| 1 | Year | Month | Actual | Pred | Resid | %Resid | StdResid |
|-----|------|-------|---------------|---------------|----------|--------|----------|
| 53 | 2011 | 4 | 1,204,595.000 | 1,204,860.146 | -265.146 | 0.000 | -0.516 |
| 54 | 2011 | 5 | 1,204,588.000 | 1,204,706.569 | -118.569 | 0.000 | -0.231 |
| 55 | 2011 | 6 | 1,204,502.000 | 1,204,746.149 | -244.149 | 0.000 | -0.475 |
| 56 | 2011 | 7 | 1,204,332.000 | 1,204,289.921 | 42.079 | 0.000 | 0.082 |
| 57 | 2011 | 8 | 1,205,073.000 | 1,204,646.877 | 426.123 | 0.000 | 0.829 |
| 58 | 2011 | 9 | 1,204,878.000 | 1,205,591.266 | -713.266 | -0.001 | -1.388 |
| 59 | 2011 | 10 | 1,206,451.000 | 1,205,544.657 | 906.343 | 0.001 | 1.764 |
| 60 | 2011 | 11 | 1,207,775.000 | 1,208,116.593 | -341.593 | 0.000 | -0.665 |
| 61 | 2011 | 12 | 1,209,210.000 | 1,208,706.788 | 503.212 | 0.000 | 0.979 |
| 62 | 2012 | 1 | 1,210,691.000 | 1,210,739.191 | -48.191 | 0.000 | -0.094 |
| 63 | 2012 | 2 | 1,211,769.000 | 1,211,700.108 | 68.892 | 0.000 | 0.134 |
| 64 | 2012 | 3 | 1,212,861.000 | 1,212,743.813 | 117.187 | 0.000 | 0.228 |
| 65 | 2012 | 4 | 1,212,773.000 | 1,213,223.961 | -450.961 | 0.000 | -0.878 |
| 66 | 2012 | 5 | 1,212,958.000 | 1,212,934.759 | 23.241 | 0.000 | 0.045 |
| 67 | 2012 | 6 | 1,212,944.000 | 1,213,274.640 | -330.640 | 0.000 | -0.643 |
| 68 | 2012 | 7 | 1,212,753.000 | 1,213,098.514 | -345.514 | 0.000 | -0.672 |
| 69 | 2012 | 8 | 1,213,157.000 | 1,213,368.084 | -211.084 | 0.000 | -0.411 |
| 70 | 2012 | 9 | 1,213,281.000 | 1,213,279.724 | 1.276 | 0.000 | 0.002 |
| 71 | 2012 | 10 | 1,215,526.000 | 1,214,529.218 | 996.782 | 0.001 | 1.940 |
| 72 | 2012 | 11 | 1,216,586.000 | 1,217,154.776 | -568.776 | 0.000 | -1.107 |
| 73 | 2012 | 12 | 1,217,972.000 | 1,217,788.578 | 183.422 | 0.000 | 0.357 |
| 74 | 2013 | 1 | 1,219,756.000 | 1,219,324.951 | 431.049 | 0.000 | 0.839 |
| 75 | 2013 | 2 | 1,221,029.000 | 1,221,053.655 | -24.655 | 0.000 | -0.048 |
| 76 | 2013 | 3 | 1,222,088.000 | 1,222,202.021 | -114.021 | 0.000 | -0.222 |
| 77 | 2013 | 4 | 1,222,550.000 | 1,222,487.055 | 62.945 | 0.000 | 0.122 |
| 78 | 2013 | 5 | 1,222,932.000 | 1,223,139.656 | -207.656 | 0.000 | -0.404 |
| 79 | 2013 | 6 | 1,222,892.000 | 1,223,313.859 | -421.859 | 0.000 | -0.821 |
| 80 | 2013 | 7 | 1,223,424.000 | 1,223,024.685 | 399.315 | 0.000 | 0.777 |
| 81 | 2013 | 8 | 1,223,929.000 | 1,224,211.602 | -282.602 | 0.000 | -0.550 |
| 82 | 2013 | 9 | 1,224,175.000 | 1,224,387.590 | -212.590 | 0.000 | -0.414 |
| 83 | 2013 | 10 | 1,225,736.000 | 1,225,794.493 | -58.493 | 0.000 | -0.114 |
| 84 | 2013 | 11 | 1,227,096.000 | 1,226,735.461 | 360.539 | 0.000 | 0.702 |
| 85 | 2013 | 12 | 1,228,917.000 | 1,228,502.780 | 414.220 | 0.000 | 0.806 |
| 86 | 2014 | 1 | 1,230,589.000 | 1,230,678.130 | -89.130 | 0.000 | -0.173 |
| 87 | 2014 | 2 | 1,231,747.000 | 1,231,883.311 | -136.311 | 0.000 | -0.265 |
| 88 | 2014 | 3 | 1,232,872.000 | 1,232,815.692 | 56.308 | 0.000 | 0.110 |
| 89 | 2014 | 4 | 1,233,191.000 | 1,233,643.892 | -452.892 | 0.000 | -0.881 |
| 90 | 2014 | 5 | 1,233,472.000 | 1,233,700.801 | -228.801 | 0.000 | -0.445 |
| 91 | 2014 | 6 | 1,233,701.000 | 1,234,017.132 | -316.132 | 0.000 | -0.615 |
| 92 | 2014 | 7 | 1,234,058.000 | 1,234,536.509 | -478.509 | 0.000 | -0.931 |
| 93 | 2014 | 8 | 1,234,367.000 | 1,234,789.676 | -422.676 | 0.000 | -0.823 |
| 94 | 2014 | 9 | 1,235,375.000 | 1,234,940.520 | 434.480 | 0.000 | 0.845 |
| 95 | 2014 | 10 | 1,236,886.000 | 1,237,094.532 | -208.532 | 0.000 | -0.406 |
| 96 | 2014 | 11 | 1,238,639.000 | 1,238,377.885 | 261.115 | 0.000 | 0.508 |
| 97 | 2014 | 12 | 1,240,674.000 | 1,240,560.443 | 113.557 | 0.000 | 0.221 |
| 98 | 2015 | 1 | 1,243,093.000 | 1,242,519.987 | 573.013 | 0.000 | 1.115 |
| 99 | 2015 | 2 | 1,244,765.000 | 1,244,865.025 | -100.025 | 0.000 | -0.195 |
| 100 | 2015 | 3 | 1,246,434.000 | 1,246,303.979 | 130.021 | 0.000 | 0.253 |
| 101 | 2015 | 4 | 1,247,104.000 | 1,247,521.987 | -417.987 | 0.000 | -0.813 |
| 102 | 2015 | 5 | 1,247,347.000 | 1,247,918.076 | -571.076 | 0.000 | -1.111 |
| 103 | 2015 | 6 | 1,247,733.000 | 1,247,630.373 | 102.627 | 0.000 | 0.200 |

| 1 | Year | Month | Actual | Pred | Resid | %Resid | StdResid |
|-----|------|-------|---------------|---------------|----------|--------|----------|
| 104 | 2015 | 7 | 1,247,678.000 | 1,248,320.153 | -642.153 | -0.001 | -1.250 |
| 105 | 2015 | 8 | 1,248,226.000 | 1,248,000.368 | 225.632 | 0.000 | 0.439 |
| 106 | 2015 | 9 | 1,248,831.000 | 1,249,243.524 | -412.524 | 0.000 | -0.803 |
| 107 | 2015 | 10 | 1,250,597.000 | 1,249,977.169 | 619.831 | 0.000 | 1.206 |
| 108 | 2015 | 11 | 1,252,160.000 | 1,252,291.293 | -131.293 | 0.000 | -0.255 |
| 109 | 2015 | 12 | 1,254,056.000 | 1,253,854.699 | 201.301 | 0.000 | 0.392 |
| 110 | 2016 | 1 | 1,256,043.000 | 1,256,049.792 | -6.792 | 0.000 | -0.013 |
| 111 | 2016 | 2 | 1,257,776.000 | 1,257,552.524 | 223.476 | 0.000 | 0.435 |
| 112 | 2016 | 3 | 1,259,055.000 | 1,259,363.442 | -308.442 | 0.000 | -0.600 |
| 113 | 2016 | 4 | 1,260,231.000 | 1,259,863.315 | 367.685 | 0.000 | 0.716 |
| 114 | 2016 | 5 | 1,261,073.000 | 1,261,014.647 | 58.353 | 0.000 | 0.114 |
| 115 | 2016 | 6 | 1,261,347.000 | 1,261,964.051 | -617.051 | 0.000 | -1.201 |
| 116 | 2016 | 7 | 1,261,493.000 | 1,261,652.349 | -159.349 | 0.000 | -0.310 |
| 117 | 2016 | 8 | 1,262,950.000 | 1,262,201.306 | 748.694 | 0.001 | 1.457 |
| 118 | 2016 | 9 | 1,263,501.000 | 1,264,139.742 | -638.742 | -0.001 | -1.243 |
| 119 | 2016 | 10 | 1,265,276.000 | 1,264,913.546 | 362.454 | 0.000 | 0.705 |
| 120 | 2016 | 11 | 1,267,022.000 | 1,266,838.364 | 183.636 | 0.000 | 0.357 |
| 121 | 2016 | 12 | 1,269,338.000 | 1,268,809.060 | 528.940 | 0.000 | 1.029 |
| 122 | 2017 | 1 | | 1,271,355.582 | | | |
| 123 | 2017 | 2 | | 1,273,063.192 | | | |
| 124 | 2017 | 3 | | 1,274,430.245 | | | |
| 125 | 2017 | 4 | | 1,275,702.348 | | | |
| 126 | 2017 | 5 | | 1,276,767.957 | | | |
| 127 | 2017 | 6 | | 1,277,503.549 | | | |
| 128 | 2017 | 7 | | 1,278,163.536 | | | |
| 129 | 2017 | 8 | | 1,279,567.877 | | | |
| 130 | 2017 | 9 | | 1,280,455.659 | | | |
| 131 | 2017 | 10 | | 1,282,039.807 | | | |
| 132 | 2017 | 11 | | 1,283,608.399 | | | |
| 133 | 2017 | 12 | | 1,285,500.111 | | | |
| 134 | 2018 | 1 | | 1,287,223.282 | | | |
| 135 | 2018 | 2 | | 1,288,771.359 | | | |
| 136 | 2018 | 3 | | 1,290,125.015 | | | |
| 137 | 2018 | 4 | | 1,291,425.783 | | | |
| 138 | 2018 | 5 | | 1,292,610.259 | | | |
| 139 | 2018 | 6 | | 1,293,606.262 | | | |
| 140 | 2018 | 7 | | 1,294,560.347 | | | |
| 141 | 2018 | 8 | | 1,295,938.525 | | | |
| 142 | 2018 | 9 | | 1,296,999.426 | | | |
| 143 | 2018 | 10 | | 1,298,457.129 | | | |
| 144 | 2018 | 11 | | 1,299,907.005 | | | |
| 145 | 2018 | 12 | | 1,301,516.699 | | | |
| 146 | 2019 | 1 | | 1,303,031.600 | | | |
| 147 | 2019 | 2 | | 1,304,447.974 | | | |
| 148 | 2019 | 3 | | 1,305,729.782 | | | |
| 149 | 2019 | 4 | | 1,306,982.501 | | | |
| 150 | 2019 | 5 | | 1,308,170.087 | | | |
| 151 | 2019 | 6 | | 1,309,226.323 | | | |
| 152 | 2019 | 7 | | 1,310,259.679 | | | |
| 153 | 2019 | 8 | | 1,311,535.003 | | | |
| 154 | 2019 | 9 | | 1,312,620.592 | | | |

| 1 | Year | Month | Actual | Pred | Resid | %Resid | StdResid |
|-----|------|-------|--------|---------------|-------|--------|----------|
| 155 | 2019 | 10 | | 1,313,932.622 | | | |
| 156 | 2019 | 11 | | 1,315,241.113 | | | |
| 157 | 2019 | 12 | | 1,316,654.571 | | | |
| 158 | 2020 | 1 | | 1,318,015.047 | | | |
| 159 | 2020 | 2 | | 1,319,320.412 | | | |
| 160 | 2020 | 3 | | 1,320,563.266 | | | |
| 161 | 2020 | 4 | | 1,321,790.459 | | | |
| 162 | 2020 | 5 | | 1,322,981.496 | | | |
| 163 | 2020 | 6 | | 1,324,108.721 | | | |
| 164 | 2020 | 7 | | 1,325,223.791 | | | |
| 165 | 2020 | 8 | | 1,326,477.222 | | | |
| 166 | 2020 | 9 | | 1,327,635.443 | | | |
| 167 | 2020 | 10 | | 1,328,923.186 | | | |
| 168 | 2020 | 11 | | 1,330,209.736 | | | |
| 169 | 2020 | 12 | | 1,331,555.732 | | | |

| 1 | Variable | Description | Definition |
|----|-------------|--|---|
| 2 | CONST | Constant | |
| 3 | CI_Trans_AS | Calendar month customer count - historical data | from company records |
| 4 | Population | Colorado State Population | from Global Insight |
| 5 | Jan | Monthly seasonal variable for month of January | = 1 if month is January, = 0 for all other months |
| 6 | Feb | Monthly seasonal variable for month of February | = 1 if month is February, = 0 for all other months |
| 7 | Mar | Monthly seasonal variable for month of March | = 1 if month is March, = 0 for all other months |
| 8 | Apr | Monthly seasonal variable for month of April | = 1 if month is April, = 0 for all other months |
| 9 | Jun | Monthly seasonal variable for month of June | = 1 if month is June, = 0 for all other months |
| 10 | Jul | Monthly seasonal variable for month of July | = 1 if month is July, = 0 for all other months |
| 11 | Aug | Monthly seasonal variable for month of August | = 1 if month is August, = 0 for all other months |
| 12 | Sep | Monthly seasonal variable for month of September | = 1 if month is September, = 0 for all other months |
| 13 | Oct | Monthly seasonal variable for month of October | = 1 if month is October, = 0 for all other months |
| 14 | Nov | Monthly seasonal variable for month of November | = 1 if month is November, = 0 for all other months |
| 15 | AR(1) | First order autoregressive term | |

| 1 | Variable | Coefficient | StdErr | T-Stat | P-Value |
|----|-----------------|-------------|----------|---------|---------|
| 2 | CONST | 82590.074 | 8690.049 | 9.504 | 0.00% |
| 3 | Jan | 191.075 | 20.414 | 9.360 | 0.00% |
| 4 | Feb | 228.780 | 23.781 | 9.620 | 0.00% |
| 5 | Mar | 257.077 | 23.367 | 11.002 | 0.00% |
| 6 | Apr | 145.613 | 18.914 | 7.699 | 0.00% |
| 7 | Jun | -180.413 | 19.479 | -9.262 | 0.00% |
| 8 | Jul | -355.124 | 25.147 | -14.122 | 0.00% |
| 9 | Aug | -448.527 | 27.547 | -16.282 | 0.00% |
| 10 | Sep | -517.827 | 27.546 | -18.799 | 0.00% |
| 11 | Oct | -345.427 | 25.146 | -13.737 | 0.00% |
| 12 | Nov | -152.266 | 19.478 | -7.817 | 0.00% |
| 13 | Trans_Cust_Hist | -343.700 | 73.551 | -4.673 | 0.00% |
| 14 | Population | 4.624 | 1.544 | 2.996 | 0.33% |
| 15 | AR(1) | 0.973 | 0.008 | 121.770 | 0.00% |

| | | |
|----|---------------------------|----------------|
| 1 | Model Statistics | |
| 2 | Iterations | 16 |
| 3 | Adjusted Observations | 131 |
| 4 | Deg. of Freedom for Error | 117 |
| 5 | R-Squared | 0.999 |
| 6 | Adjusted R-Squared | 0.999 |
| 7 | AIC | 8.573 |
| 8 | BIC | 8.880 |
| 9 | F-Statistic | 10980.510 |
| 10 | Prob (F-Statistic) | 0.000 |
| 11 | Log-Likelihood | -733.42 |
| 12 | Model Sum of Squares | 682,423,424.04 |
| 13 | Sum of Squared Errors | 559,337.49 |
| 14 | Mean Squared Error | 4,780.66 |
| 15 | Std. Error of Regression | 69.14 |
| 16 | Mean Abs. Dev. (MAD) | 48.92 |
| 17 | Mean Abs. % Err. (MAPE) | 0.05% |
| 18 | Durbin-Watson Statistic | 1.737 |
| 19 | Durbin-H Statistic | #NA |
| 20 | Ljung-Box Statistic | 31.84 |
| 21 | Prob (Ljung-Box) | 0.1309 |
| 22 | Skewness | 0.907 |
| 23 | Kurtosis | 5.382 |
| 24 | Jarque-Bera | 48.925 |
| 25 | Prob (Jarque-Bera) | 0.0000 |

| 1 | Year | Month | Actual | Pred | Resid | %Resid | StdResid |
|----|------|-------|-------------|-------------|----------|--------|----------|
| 2 | 2006 | 1 | 99,312.000 | | | | |
| 3 | 2006 | 2 | 99,412.000 | 99,521.449 | -109.449 | -0.001 | -1.583 |
| 4 | 2006 | 3 | 99,528.000 | 99,611.289 | -83.289 | -0.001 | -1.205 |
| 5 | 2006 | 4 | 99,487.000 | 99,586.099 | -99.099 | -0.001 | -1.433 |
| 6 | 2006 | 5 | 99,588.000 | 99,509.981 | 78.019 | 0.001 | 1.128 |
| 7 | 2006 | 6 | 99,432.000 | 99,568.551 | -136.551 | -0.001 | -1.975 |
| 8 | 2006 | 7 | 99,413.000 | 99,418.460 | -5.460 | -0.000 | -0.079 |
| 9 | 2006 | 8 | 99,551.000 | 99,477.472 | 73.528 | 0.001 | 1.063 |
| 10 | 2006 | 9 | 99,747.000 | 99,634.260 | 112.740 | 0.001 | 1.631 |
| 11 | 2006 | 10 | 100,300.000 | 100,065.742 | 234.258 | 0.002 | 3.388 |
| 12 | 2006 | 11 | 100,548.000 | 100,630.209 | -82.209 | -0.001 | -1.189 |
| 13 | 2006 | 12 | 100,723.000 | 100,836.709 | -113.709 | -0.001 | -1.645 |
| 14 | 2007 | 1 | 101,077.000 | 101,050.769 | 26.231 | 0.000 | 0.379 |
| 15 | 2007 | 2 | 101,303.000 | 101,247.911 | 55.089 | 0.001 | 0.797 |
| 16 | 2007 | 3 | 101,486.000 | 101,460.337 | 25.663 | 0.000 | 0.371 |
| 17 | 2007 | 4 | 101,542.000 | 101,500.309 | 41.691 | 0.000 | 0.603 |
| 18 | 2007 | 5 | 101,525.000 | 101,518.550 | 6.450 | 0.000 | 0.093 |
| 19 | 2007 | 6 | 101,450.000 | 101,465.109 | -15.109 | -0.000 | -0.219 |
| 20 | 2007 | 7 | 101,388.000 | 101,393.882 | -5.882 | -0.000 | -0.085 |
| 21 | 2007 | 8 | 101,344.000 | 101,411.065 | -67.065 | -0.001 | -0.970 |
| 22 | 2007 | 9 | 101,316.000 | 101,390.733 | -74.733 | -0.001 | -1.081 |
| 23 | 2007 | 10 | 101,626.000 | 101,604.214 | 21.786 | 0.000 | 0.315 |
| 24 | 2007 | 11 | 101,890.000 | 101,932.188 | -42.188 | -0.000 | -0.610 |
| 25 | 2007 | 12 | 102,153.000 | 102,154.286 | -1.286 | -0.000 | -0.019 |
| 26 | 2008 | 1 | 102,386.000 | 102,454.023 | -68.023 | -0.001 | -0.984 |
| 27 | 2008 | 2 | 102,437.000 | 102,533.418 | -96.418 | -0.001 | -1.394 |
| 28 | 2008 | 3 | 102,548.000 | 102,575.537 | -27.537 | -0.000 | -0.398 |
| 29 | 2008 | 4 | 102,573.000 | 102,545.453 | 27.547 | 0.000 | 0.398 |
| 30 | 2008 | 5 | 102,484.000 | 102,533.547 | -49.547 | -0.000 | -0.717 |
| 31 | 2008 | 6 | 102,369.000 | 102,407.810 | -38.810 | -0.000 | -0.561 |
| 32 | 2008 | 7 | 102,348.000 | 102,297.616 | 50.384 | 0.000 | 0.729 |
| 33 | 2008 | 8 | 102,502.000 | 102,354.670 | 147.330 | 0.001 | 2.131 |
| 34 | 2008 | 9 | 102,578.000 | 102,527.022 | 50.978 | 0.000 | 0.737 |
| 35 | 2008 | 10 | 102,927.000 | 102,841.694 | 85.306 | 0.001 | 1.234 |
| 36 | 2008 | 11 | 103,332.000 | 103,207.593 | 124.407 | 0.001 | 1.799 |
| 37 | 2008 | 12 | 103,729.000 | 103,566.895 | 162.105 | 0.002 | 2.345 |
| 38 | 2009 | 1 | 103,659.000 | 103,653.323 | 5.677 | 0.000 | 0.082 |
| 39 | 2009 | 2 | 103,913.000 | 103,772.297 | 140.703 | 0.001 | 2.035 |
| 40 | 2009 | 3 | 104,004.000 | 104,011.967 | -7.967 | -0.000 | -0.115 |
| 41 | 2009 | 4 | 103,973.000 | 103,962.382 | 10.618 | 0.000 | 0.154 |
| 42 | 2009 | 5 | 103,843.000 | 103,895.934 | -52.934 | -0.001 | -0.766 |
| 43 | 2009 | 6 | 103,741.000 | 103,729.140 | 11.860 | 0.000 | 0.172 |
| 44 | 2009 | 7 | 103,527.000 | 103,631.534 | -104.534 | -0.001 | -1.512 |
| 45 | 2009 | 8 | 103,430.000 | 103,500.672 | -70.672 | -0.001 | -1.022 |
| 46 | 2009 | 9 | 103,462.000 | 103,428.654 | 33.346 | 0.000 | 0.482 |
| 47 | 2009 | 10 | 103,778.000 | 103,700.435 | 77.565 | 0.001 | 1.122 |
| 48 | 2009 | 11 | 104,008.000 | 104,034.149 | -26.149 | -0.000 | -0.378 |
| 49 | 2009 | 12 | 104,268.000 | 104,223.054 | 44.946 | 0.000 | 0.650 |
| 50 | 2010 | 1 | 104,529.000 | 104,519.772 | 9.228 | 0.000 | 0.133 |
| 51 | 2010 | 2 | 104,628.000 | 104,626.321 | 1.679 | 0.000 | 0.024 |
| 52 | 2010 | 3 | 104,744.000 | 104,715.486 | 28.514 | 0.000 | 0.412 |

| 1 | Year | Month | Actual | Pred | Resid | %Resid | StdResid |
|-----|------|-------|-------------|-------------|----------|--------|----------|
| 53 | 2010 | 4 | 104,642.000 | 104,690.181 | -48.181 | -0.000 | -0.697 |
| 54 | 2010 | 5 | 104,471.000 | 104,554.574 | -83.574 | -0.001 | -1.209 |
| 55 | 2010 | 6 | 104,402.000 | 104,347.331 | 54.669 | 0.001 | 0.791 |
| 56 | 2010 | 7 | 104,242.000 | 104,281.778 | -39.778 | -0.000 | -0.575 |
| 57 | 2010 | 8 | 104,144.000 | 104,203.409 | -59.409 | -0.001 | -0.859 |
| 58 | 2010 | 9 | 104,132.000 | 104,130.351 | 1.649 | 0.000 | 0.024 |
| 59 | 2010 | 10 | 104,238.000 | 104,359.240 | -121.240 | -0.001 | -1.753 |
| 60 | 2010 | 11 | 104,760.000 | 104,488.489 | 271.511 | 0.003 | 3.927 |
| 61 | 2010 | 12 | 104,944.000 | 104,961.539 | -17.539 | -0.000 | -0.254 |
| 62 | 2011 | 1 | 105,215.000 | 105,184.218 | 30.782 | 0.000 | 0.445 |
| 63 | 2011 | 2 | 105,349.000 | 105,300.433 | 48.567 | 0.000 | 0.702 |
| 64 | 2011 | 3 | 105,455.000 | 105,423.172 | 31.828 | 0.000 | 0.460 |
| 65 | 2011 | 4 | 105,402.000 | 105,388.056 | 13.944 | 0.000 | 0.202 |
| 66 | 2011 | 5 | 105,278.000 | 105,300.064 | -22.064 | -0.000 | -0.319 |
| 67 | 2011 | 6 | 105,180.000 | 105,142.094 | 37.906 | 0.000 | 0.548 |
| 68 | 2011 | 7 | 105,033.000 | 105,048.333 | -15.333 | -0.000 | -0.222 |
| 69 | 2011 | 8 | 104,959.000 | 104,982.636 | -23.636 | -0.000 | -0.342 |
| 70 | 2011 | 9 | 104,882.000 | 104,932.957 | -50.957 | -0.000 | -0.737 |
| 71 | 2011 | 10 | 105,099.000 | 105,098.597 | 0.403 | 0.000 | 0.006 |
| 72 | 2011 | 11 | 105,345.000 | 105,335.904 | 9.096 | 0.000 | 0.132 |
| 73 | 2011 | 12 | 105,569.000 | 105,540.334 | 28.666 | 0.000 | 0.415 |
| 74 | 2012 | 1 | 105,764.000 | 105,801.965 | -37.965 | -0.000 | -0.549 |
| 75 | 2012 | 2 | 105,786.000 | 105,844.226 | -58.226 | -0.001 | -0.842 |
| 76 | 2012 | 3 | 105,797.000 | 105,857.970 | -60.970 | -0.001 | -0.882 |
| 77 | 2012 | 4 | 105,705.000 | 105,730.407 | -25.407 | -0.000 | -0.367 |
| 78 | 2012 | 5 | 105,569.000 | 105,604.473 | -35.473 | -0.000 | -0.513 |
| 79 | 2012 | 6 | 105,381.000 | 105,436.552 | -55.552 | -0.001 | -0.803 |
| 80 | 2012 | 7 | 105,259.000 | 105,255.256 | 3.744 | 0.000 | 0.054 |
| 81 | 2012 | 8 | 105,236.000 | 105,213.956 | 22.044 | 0.000 | 0.319 |
| 82 | 2012 | 9 | 105,157.000 | 105,213.980 | -56.980 | -0.001 | -0.824 |
| 83 | 2012 | 10 | 105,432.000 | 105,377.738 | 54.262 | 0.001 | 0.785 |
| 84 | 2012 | 11 | 105,625.000 | 105,671.562 | -46.562 | -0.000 | -0.673 |
| 85 | 2012 | 12 | 105,766.000 | 105,824.470 | -58.470 | -0.001 | -0.846 |
| 86 | 2013 | 1 | 106,013.000 | 106,005.378 | 7.622 | 0.000 | 0.110 |
| 87 | 2013 | 2 | 106,118.000 | 106,098.316 | 19.684 | 0.000 | 0.285 |
| 88 | 2013 | 3 | 106,202.000 | 106,192.911 | 9.089 | 0.000 | 0.131 |
| 89 | 2013 | 4 | 106,135.000 | 106,136.464 | -1.464 | -0.000 | -0.021 |
| 90 | 2013 | 5 | 106,020.000 | 106,034.928 | -14.928 | -0.000 | -0.216 |
| 91 | 2013 | 6 | 105,915.000 | 105,886.770 | 28.230 | 0.000 | 0.408 |
| 92 | 2013 | 7 | 105,835.000 | 105,786.305 | 48.695 | 0.000 | 0.704 |
| 93 | 2013 | 8 | 105,754.000 | 105,785.929 | -31.929 | -0.000 | -0.462 |
| 94 | 2013 | 9 | 105,741.000 | 105,729.544 | 11.456 | 0.000 | 0.166 |
| 95 | 2013 | 10 | 105,912.000 | 105,957.586 | -45.586 | -0.000 | -0.659 |
| 96 | 2013 | 11 | 106,114.000 | 106,150.228 | -36.228 | -0.000 | -0.524 |
| 97 | 2013 | 12 | 106,279.000 | 106,311.940 | -32.940 | -0.000 | -0.476 |
| 98 | 2014 | 1 | 106,449.000 | 106,516.253 | -67.253 | -0.001 | -0.973 |
| 99 | 2014 | 2 | 106,512.000 | 106,534.289 | -22.289 | -0.000 | -0.322 |
| 100 | 2014 | 3 | 106,539.000 | 106,588.048 | -49.048 | -0.000 | -0.709 |
| 101 | 2014 | 4 | 106,469.000 | 106,476.166 | -7.166 | -0.000 | -0.104 |
| 102 | 2014 | 5 | 106,382.000 | 106,371.754 | 10.246 | 0.000 | 0.148 |
| 103 | 2014 | 6 | 106,337.000 | 106,255.833 | 81.167 | 0.001 | 1.174 |

| 1 | Year | Month | Actual | Pred | Resid | %Resid | StdResid |
|-----|------|-------|-------------|-------------|----------|--------|----------|
| 104 | 2014 | 7 | 106,256.000 | 106,213.943 | 42.057 | 0.000 | 0.608 |
| 105 | 2014 | 8 | 106,224.000 | 106,212.770 | 11.230 | 0.000 | 0.162 |
| 106 | 2014 | 9 | 106,265.000 | 106,204.254 | 60.746 | 0.001 | 0.879 |
| 107 | 2014 | 10 | 106,356.000 | 106,485.032 | -129.032 | -0.001 | -1.866 |
| 108 | 2014 | 11 | 106,588.000 | 106,599.984 | -11.984 | -0.000 | -0.173 |
| 109 | 2014 | 12 | 106,709.000 | 106,791.072 | -82.072 | -0.001 | -1.187 |
| 110 | 2015 | 1 | 106,965.000 | 106,952.734 | 12.266 | 0.000 | 0.177 |
| 111 | 2015 | 2 | 106,977.000 | 107,054.652 | -77.652 | -0.001 | -1.123 |
| 112 | 2015 | 3 | 107,126.000 | 107,058.948 | 67.052 | 0.001 | 0.970 |
| 113 | 2015 | 4 | 107,040.000 | 107,065.987 | -25.987 | -0.000 | -0.376 |
| 114 | 2015 | 5 | 106,989.000 | 106,946.178 | 42.822 | 0.000 | 0.619 |
| 115 | 2015 | 6 | 106,915.000 | 106,856.005 | 58.995 | 0.001 | 0.853 |
| 116 | 2015 | 7 | 106,780.000 | 106,785.812 | -5.812 | -0.000 | -0.084 |
| 117 | 2015 | 8 | 106,747.000 | 106,732.003 | 14.997 | 0.000 | 0.217 |
| 118 | 2015 | 9 | 106,704.000 | 106,722.437 | -18.437 | -0.000 | -0.267 |
| 119 | 2015 | 10 | 106,866.000 | 106,921.379 | -55.379 | -0.001 | -0.801 |
| 120 | 2015 | 11 | 107,065.000 | 107,105.360 | -40.360 | -0.000 | -0.584 |
| 121 | 2015 | 12 | 107,292.000 | 107,264.252 | 27.748 | 0.000 | 0.401 |
| 122 | 2016 | 1 | 107,538.000 | 107,529.010 | 8.990 | 0.000 | 0.130 |
| 123 | 2016 | 2 | 107,645.000 | 107,621.119 | 23.881 | 0.000 | 0.345 |
| 124 | 2016 | 3 | 107,708.000 | 107,717.804 | -9.804 | -0.000 | -0.142 |
| 125 | 2016 | 4 | 107,676.000 | 107,641.061 | 34.939 | 0.000 | 0.505 |
| 126 | 2016 | 5 | 107,614.000 | 107,573.735 | 40.265 | 0.000 | 0.582 |
| 127 | 2016 | 6 | 107,499.000 | 107,475.477 | 23.523 | 0.000 | 0.340 |
| 128 | 2016 | 7 | 107,449.000 | 107,365.373 | 83.627 | 0.001 | 1.209 |
| 129 | 2016 | 8 | 107,431.000 | 107,394.292 | 36.708 | 0.000 | 0.531 |
| 130 | 2016 | 9 | 107,384.000 | 107,399.225 | -15.225 | -0.000 | -0.220 |
| 131 | 2016 | 10 | 107,528.000 | 107,594.266 | -66.266 | -0.001 | -0.958 |
| 132 | 2016 | 11 | 107,699.000 | 107,760.721 | -61.721 | -0.001 | -0.893 |
| 133 | 2016 | 12 | 107,994.000 | 107,892.257 | 101.743 | 0.001 | 1.472 |
| 134 | 2017 | 1 | | 108,223.192 | | | |
| 135 | 2017 | 2 | | 108,298.930 | | | |
| 136 | 2017 | 3 | | 108,365.084 | | | |
| 137 | 2017 | 4 | | 108,291.397 | | | |
| 138 | 2017 | 5 | | 108,183.485 | | | |
| 139 | 2017 | 6 | | 108,040.602 | | | |
| 140 | 2017 | 7 | | 107,903.349 | | | |
| 141 | 2017 | 8 | | 107,847.333 | | | |
| 142 | 2017 | 9 | | 107,815.255 | | | |
| 143 | 2017 | 10 | | 108,024.810 | | | |
| 144 | 2017 | 11 | | 108,255.062 | | | |
| 145 | 2017 | 12 | | 108,444.261 | | | |
| 146 | 2018 | 1 | | 108,672.206 | | | |
| 147 | 2018 | 2 | | 108,746.722 | | | |
| 148 | 2018 | 3 | | 108,811.675 | | | |
| 149 | 2018 | 4 | | 108,736.810 | | | |
| 150 | 2018 | 5 | | 108,627.741 | | | |
| 151 | 2018 | 6 | | 108,483.721 | | | |
| 152 | 2018 | 7 | | 108,345.352 | | | |
| 153 | 2018 | 8 | | 108,288.238 | | | |
| 154 | 2018 | 9 | | 108,254.604 | | | |

| 1 | Year | Month | Actual | Pred | Resid | %Resid | StdResid |
|-----|------|-------|--------|-------------|-------|--------|----------|
| 155 | 2018 | 10 | | 108,462.620 | | | |
| 156 | 2018 | 11 | | 108,691.351 | | | |
| 157 | 2018 | 12 | | 108,878.565 | | | |
| 158 | 2019 | 1 | | 109,104.543 | | | |
| 159 | 2019 | 2 | | 109,177.107 | | | |
| 160 | 2019 | 3 | | 109,239.639 | | | |
| 161 | 2019 | 4 | | 109,162.369 | | | |
| 162 | 2019 | 5 | | 109,050.910 | | | |
| 163 | 2019 | 6 | | 108,904.027 | | | |
| 164 | 2019 | 7 | | 108,762.809 | | | |
| 165 | 2019 | 8 | | 108,702.861 | | | |
| 166 | 2019 | 9 | | 108,666.435 | | | |
| 167 | 2019 | 10 | | 108,871.675 | | | |
| 168 | 2019 | 11 | | 109,097.642 | | | |
| 169 | 2019 | 12 | | 109,282.631 | | | |
| 170 | 2020 | 1 | | 109,506.397 | | | |
| 171 | 2020 | 2 | | 109,576.762 | | | |
| 172 | 2020 | 3 | | 109,637.632 | | | |
| 173 | 2020 | 4 | | 109,558.712 | | | |
| 174 | 2020 | 5 | | 109,445.614 | | | |
| 175 | 2020 | 6 | | 109,297.565 | | | |
| 176 | 2020 | 7 | | 109,155.192 | | | |
| 177 | 2020 | 8 | | 109,094.098 | | | |
| 178 | 2020 | 9 | | 109,057.021 | | | |
| 179 | 2020 | 10 | | 109,261.619 | | | |
| 180 | 2020 | 11 | | 109,486.953 | | | |
| 181 | 2020 | 12 | | 109,671.318 | | | |