

Variable	Description	
Residential	Calendar month customer count - historical	
Population	data	from company records
	PSCo service territory population (000)	from IHS Markit
	Multiple Family Units Occupied in PSCo	
Multi-Family-Units Occupied	Service Territoy	from CoStar
AR(1)	First order autoregressive term	
SAR(1)	First order seasonal-autoregressive term	
MA(1)	First order moving-average term	

Variable	Coefficient	StdErr	T-Stat	P-Value
Population	299.418	12.108	24.729	0.00%
MultiFamilyUnits_Occ	0.672	0.168	3.999	0.01%
AR(1)	0.985	0.006	153.291	0.00%
SAR(1)	0.529	0.062	8.589	0.00%
MA(1)	0.360	0.071	5.062	0.00%

Model Statistics

Iterations	14
Adjusted Observations	167
Deg. of Freedom for Error	162
R-Squared	1.000
Adjusted R-Squared	1.000
AIC	12.875
BIC	12.969
F-Statistic	
Prob (F-Statistic)	
Log-Likelihood	-1,307.06
Model Sum of Squares	561,822,705,215.99
Sum of Squared Errors	61,436,522.67
Mean Squared Error	379,237.79
Std. Error of Regression	615.82
Mean Abs. Dev. (MAD)	437.04
Mean Abs. % Err. (MAPE)	0.04%
Durbin-Watson Statistic	1.990
Durbin-H Statistic	
Ljung-Box Statistic	32.92
Prob (Ljung-Box)	0.1059
Skewness	1.381
Kurtosis	11.596
Jarque-Bera	567.219
Prob (Jarque-Bera)	0.0000

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2007	6	1,118,683.000				
2007	7	1,119,279.000				
2007	8	1,121,500.000				
2007	9	1,121,575.000				
2007	10	1,124,364.000				
2007	11	1,124,988.000				
2007	12	1,126,019.000				
2008	1	1,128,206.000				
2008	2	1,128,873.000				
2008	3	1,129,038.000				
2008	4	1,129,193.000				
2008	5	1,129,686.000				
2008	6	1,129,051.000				
2008	7	1,129,607.000	1129773.95	-166.9496049	-0.000147794	-0.271100045
2008	8	1,134,953.000	1131140.564	3812.436128	0.003359114	6.19079995
2008	9	1,137,365.000	1136476.388	888.6120709	0.00078129	1.442967011
2008	10	1,139,447.000	1139248.1	198.9000672	0.000174558	0.322982598
2008	11	1,140,307.000	1139926.922	380.0776427	0.000333312	0.617186642
2008	12	1,142,106.000	1141136.572	969.4275552	0.000848807	1.574198717
2009	1	1,143,341.000	1143740.988	-399.9875267	-0.000349841	-0.649517179
2009	2	1,143,251.000	1143718.138	-467.1382576	-0.000408605	-0.758559463
2009	3	1,144,991.000	1143580.873	1410.127171	0.001231562	2.289825961
2009	4	1,145,399.000	1146057.744	-658.7443767	-0.000575122	-1.06969783
2009	5	1,145,102.000	1145737.459	-635.4589967	-0.000554937	-1.031886015
2009	6	1,146,015.000	1144830.55	1184.449628	0.001033538	1.92336093
2009	7	1,145,742.000	1147037.157	-1295.156879	-0.001130409	-2.103132191
2009	8	1,146,301.000	1148404.386	-2103.385627	-0.001834933	-3.415569257
2009	9	1,146,796.000	1147275.746	-479.7460582	-0.000418336	-0.779032559
2009	10	1,148,474.000	1148187.229	286.7713137	0.000249698	0.465671758
2009	11	1,149,311.000	1149548.706	-237.7062603	-0.000206825	-0.385997786
2009	12	1,150,181.000	1150639.758	-458.7581419	-0.000398857	-0.744951466
2010	1	1,152,270.000	1151233.419	1036.581014	0.000899599	1.683245431
2010	2	1,153,358.000	1152931.961	426.0390556	0.00036939	0.691820788
2010	3	1,154,935.000	1154563.572	371.4277002	0.000321601	0.603140488
2010	4	1,154,699.000	1155231.677	-532.6774503	-0.000461313	-0.864984861
2010	5	1,155,163.000	1154727.326	435.6741703	0.000377154	0.707466707
2010	6	1,156,812.000	1156149.471	662.5293245	0.00057272	1.075843994
2010	7	1,156,467.000	1157216.026	-749.025511	-0.000647684	-1.216300271
2010	8	1,157,221.000	1156845.771	375.2290477	0.00032425	0.609313282
2010	9	1,157,289.000	1158095.095	-806.0945509	-0.000696537	-1.308971466
2010	10	1,157,862.000	1158394.402	-532.4020348	-0.000459815	-0.864537629
2010	11	1,159,354.000	1158605.617	748.3830778	0.000645517	1.21525706
2010	12	1,159,953.000	1160428.011	-475.0107946	-0.000409509	-0.771343232
2011	1	1,161,212.000	1161190.694	21.30634258	1.83484E-05	0.034598168

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2011	2	1,162,005.000	1162224.43	-219.4304338	-0.000188838	-0.356320702
2011	3	1,162,773.000	1163150.594	-377.5937053	-0.000324736	-0.613153116
2011	4	1,162,985.000	1163012.876	-27.8760668	-2.39694E-05	-0.045266372
2011	5	1,163,256.000	1163498.834	-242.8344914	-0.000208754	-0.394325231
2011	6	1,163,175.000	1164339.98	-1164.979725	-0.001001552	-1.891744853
2011	7	1,162,924.000	1162909.313	14.68703997	1.26294E-05	0.023849456
2011	8	1,163,932.000	1163659.717	272.2834555	0.000233934	0.442145743
2011	9	1,163,607.000	1164329.776	-722.7757366	-0.000621151	-1.173674743
2011	10	1,164,575.000	1163919.7	655.2998341	0.000562694	1.064104432
2011	11	1,165,328.000	1165880.169	-552.1685168	-0.000473831	-0.896635304
2011	12	1,166,567.000	1165972.654	594.3455704	0.000509483	0.965124242
2012	1	1,167,758.000	1167983.079	-225.0789771	-0.000192745	-0.365493053
2012	2	1,168,658.000	1168602.433	55.56732676	4.7548E-05	0.090232647
2012	3	1,170,079.000	1169765.369	313.630729	0.000268042	0.509287247
2012	4	1,170,338.000	1170906.919	-568.9186597	-0.000486115	-0.923834916
2012	5	1,170,511.000	1171060.508	-549.5079339	-0.00046946	-0.892314933
2012	6	1,170,492.000	1170975.041	-483.0407404	-0.000412682	-0.784382608
2012	7	1,170,835.000	1170892.946	-57.94642501	-4.94915E-05	-0.094095931
2012	8	1,171,682.000	1172069.8	-387.7995271	-0.000330977	-0.629725774
2012	9	1,171,869.000	1172163.333	-294.3333852	-0.000251166	-0.47795138
2012	10	1,173,759.000	1173079.769	679.2310381	0.00057868	1.102964964
2012	11	1,174,860.000	1175199.629	-339.6291406	-0.000289081	-0.551504601
2012	12	1,176,356.000	1176130.257	225.74322	0.0001919	0.36657168
2013	1	1,178,232.000	1177806.54	425.45973	0.0003611	0.690880053
2013	2	1,179,260.000	1179590.662	-330.6615841	-0.000280398	-0.536942692
2013	3	1,180,108.000	1180554.274	-446.2743908	-0.000378164	-0.724679807
2013	4	1,180,758.000	1180744.362	13.63814548	1.15503E-05	0.022146215
2013	5	1,181,078.000	1181546.222	-468.2219932	-0.000396436	-0.76031928
2013	6	1,181,305.000	1181568.747	-263.7472446	-0.000223268	-0.428284271
2013	7	1,182,006.000	1182069.573	-63.57335363	-5.37843E-05	-0.103233182
2013	8	1,182,494.000	1183109.86	-615.860406	-0.000520815	-1.00006097
2013	9	1,182,767.000	1182960.468	-193.4676474	-0.000163572	-0.314161198
2013	10	1,184,294.000	1184289.721	4.278709541	3.61288E-06	0.006947955
2013	11	1,185,507.000	1185490.456	16.54363521	1.39549E-05	0.026864276
2013	12	1,187,308.000	1187263.639	44.36058056	3.73623E-05	0.072034644
2014	1	1,189,178.000	1189297.822	-119.8220009	-0.00010076	-0.194572187
2014	2	1,190,421.000	1190595.927	-174.9265246	-0.000146945	-0.284053315
2014	3	1,191,823.000	1191693.28	129.7195657	0.000108841	0.210644285
2014	4	1,192,525.000	1192942.124	-417.1243827	-0.000349783	-0.677344753
2014	5	1,193,376.000	1193634.334	-258.3337099	-0.000216473	-0.419493538
2014	6	1,194,113.000	1194873.2	-760.199622	-0.000636623	-1.23444528
2014	7	1,195,176.000	1195669.15	-493.150183	-0.000412617	-0.800798761
2014	8	1,196,383.000	1196756.84	-373.8404755	-0.000312476	-0.607058458
2014	9	1,197,415.000	1197524.639	-109.6394834	-9.15635E-05	-0.178037372

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2014	10	1,199,345.000	1199338.972	6.028052644	5.02612E-06	0.009788615
2014	11	1,200,748.000	1201099.007	-351.0073929	-0.000292324	-0.569981103
2014	12	1,202,621.000	1202645.062	-24.06224964	-2.00082E-05	-0.03907333
2015	1	1,205,083.000	1204624.95	458.0503395	0.000380099	0.743802105
2015	2	1,207,055.000	1207077.653	-22.65333744	-1.87674E-05	-0.036785477
2015	3	1,208,767.000	1209026.181	-259.1812035	-0.000214418	-0.420869735
2015	4	1,209,647.000	1210651.278	-1004.277981	-0.000830224	-1.630790357
2015	5	1,210,195.000	1210541.204	-346.2044202	-0.000286073	-0.562181827
2015	6	1,210,960.000	1211046.558	-86.55782218	-7.14787E-05	-0.140556364
2015	7	1,211,212.000	1212129.376	-917.3761534	-0.000757403	-1.489675382
2015	8	1,212,526.000	1212131.858	394.1416399	0.000325058	0.640024374
2015	9	1,213,588.000	1213991.109	-403.1085092	-0.000332163	-0.654585167
2015	10	1,215,297.000	1215233.321	63.67875581	5.23977E-05	0.103404339
2015	11	1,216,950.000	1216839.32	110.680227	9.09489E-05	0.179727377
2015	12	1,218,662.000	1218523.603	138.3967067	0.000113564	0.224734604
2016	1	1,221,047.000	1220553.314	493.6860372	0.000404314	0.801668905
2016	2	1,222,675.000	1222811.377	-136.3771683	-0.00011154	-0.22145519
2016	3	1,224,269.000	1224021.805	247.1945968	0.000201912	0.40140536
2016	4	1,225,591.000	1225347.275	243.7251563	0.000198863	0.395771532
2016	5	1,226,513.000	1226404.685	108.3148115	8.83112E-05	0.175886312
2016	6	1,227,436.000	1227135.093	300.9073336	0.000245151	0.488626443
2016	7	1,228,069.000	1227858.272	210.7276606	0.000171593	0.34218876
2016	8	1,230,458.000	1229006.515	1451.485164	0.00117963	2.356984873
2016	9	1,231,402.000	1231743.279	-341.2789669	-0.000277147	-0.554183661
2016	10	1,232,945.000	1232374.044	570.9557196	0.000463083	0.927142783
2016	11	1,233,882.000	1234231.624	-349.624359	-0.000283353	-0.567735273
2016	12	1,235,378.000	1235279.716	98.28400681	7.95578E-05	0.159597854
2017	1	1,237,374.000	1237319.075	54.92526829	4.43886E-05	0.089190045
2017	2	1,238,884.000	1238821.54	62.46019426	5.04165E-05	0.101425586
2017	3	1,240,722.000	1240677.23	44.77036892	3.60841E-05	0.072700076
2017	4	1,241,530.000	1242183.826	-653.8258199	-0.000526629	-1.061710864
2017	5	1,242,803.000	1242943.439	-140.43858	-0.000113001	-0.228050287
2017	6	1,243,484.000	1244070.784	-586.783931	-0.000471887	-0.952845322
2017	7	1,244,221.000	1244420.816	-199.8156619	-0.000160595	-0.324469381
2017	8	1,246,068.000	1246260.607	-192.6065492	-0.000154571	-0.312762909
2017	9	1,246,683.000	1247421.615	-738.6150159	-0.000592464	-1.199395255
2017	10	1,248,627.000	1248184.018	442.9821487	0.000354775	0.719333721
2017	11	1,250,412.000	1250198.061	213.9387904	0.000171095	0.347403132
2017	12	1,252,376.000	1252364.192	11.80842983	9.42882E-06	0.019175043
2018	1	1,254,871.000	1254485.711	385.2893267	0.000307035	0.625649602
2018	2	1,256,967.000	1256953.222	13.77824913	1.09615E-05	0.022373721
2018	3	1,258,636.000	1259295.317	-659.3169638	-0.000523835	-1.070627622
2018	4	1,259,528.000	1260422.614	-894.6138982	-0.000710277	-1.45271304
2018	5	1,261,103.000	1260963.592	139.4075293	0.000110544	0.226376022

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2018	6	1,261,960.000	1262237.48	-277.4797317	-0.00021988	-0.450583682
2018	7	1,262,742.000	1263010.277	-268.2770236	-0.000212456	-0.435639924
2018	8	1,264,330.000	1264356.428	-26.42827403	-2.0903E-05	-0.042915383
2018	9	1,265,355.000	1264940.767	414.233306	0.000327365	0.672650097
2018	10	1,268,084.000	1266807.227	1276.773382	0.001006852	2.073280267
2018	11	1,269,390.000	1269768.508	-378.5079001	-0.000298181	-0.614637626
2018	12	1,271,423.000	1270651.739	771.2610455	0.000606612	1.252407301
2019	1	1,274,268.000	1273396.522	871.4779298	0.000683905	1.415143846
2019	2	1,275,983.000	1275974.485	8.51479958	6.67313E-06	0.013826703
2019	3	1,277,437.000	1277195.955	241.0447614	0.000188694	0.39141899
2019	4	1,278,898.000	1278146.813	751.1870214	0.000587371	1.219810226
2019	5	1,279,894.000	1280529.538	-635.5382539	-0.000496555	-1.032014717
2019	6	1,280,795.000	1280910.528	-115.5280764	-9.02003E-05	-0.187599526
2019	7	1,282,273.000	1281957.78	315.2199652	0.000245829	0.511867918
2019	8	1,283,394.000	1284001.31	-607.3098497	-0.000473206	-0.986176204
2019	9	1,284,640.000	1284367.795	272.2052838	0.000211892	0.442018804
2019	10	1,286,452.000	1286870.8	-418.7996247	-0.000325546	-0.680065084
2019	11	1,288,365.000	1287617.976	747.0240234	0.000579823	1.213050168
2019	12	1,289,801.000	1290305.926	-504.926113	-0.000391476	-0.81992103
2020	1	1,291,879.000	1291816.678	62.32208155	4.82414E-05	0.101201312
2020	2	1,293,350.000	1293335.067	14.93272648	1.15458E-05	0.024248412
2020	3	1,294,963.000	1294483.9	479.099534	0.000369972	0.777982705
2020	4	1,296,074.000	1296582.543	-508.5433305	-0.000392372	-0.825794825
2020	5	1,296,992.000	1296417.866	574.1337788	0.000442666	0.932303454
2020	6	1,298,488.000	1297772.47	715.5298891	0.000551049	1.161908621
2020	7	1,299,476.000	1299794.096	-318.0961268	-0.000244788	-0.516538355
2020	8	1,300,623.000	1299857.575	765.4252528	0.000588507	1.242930887
2020	9	1,301,183.000	1301262.705	-79.70455485	-6.12555E-05	-0.12942773
2020	10	1,302,596.000	1301722.525	873.4752474	0.000670565	1.418387177
2020	11	1,303,560.000	1303730.635	-170.6349557	-0.000130899	-0.277084478
2020	12	1,305,303.000	1304526.621	776.3790678	0.000594788	1.260718169
2021	1	1,307,157.000	1306834.724	322.2760067	0.000246547	0.523325826
2021	2	1,308,937.000	1308401.367	535.6334082	0.000409213	0.869784874
2021	3	1,310,973.000	1310668.976	304.0243164	0.000231907	0.493687936
2021	4	1,312,070.000	1312232.466	-162.4655009	-0.000123824	-0.263818562
2021	5	1,312,755.000	1313293.54	-538.5404928	-0.000410237	-0.874505525
2021	6	1,313,846.000	1313632.971	213.0290659	0.000162142	0.345925882
2021	7	1,314,735.000	1314558.883	176.1167863	0.000133956	0.285986114
2021	8	1,315,939.000	1315874.38	64.61991282	4.91056E-05	0.104932631
2021	9	1,317,073.000	1316635.907	437.0925852	0.000331867	0.709769991
2021	10	1,318,634.000	1318343.819	290.1805127	0.000220061	0.471207764
2021	11	1,319,919.000	1319597.312	321.688226	0.000243718	0.522371362
2021	12	1,321,738.000	1321151.119	586.8810244	0.000444022	0.953002987
2022	1	1,322,528.000	1323080.954	-552.9542361	-0.000418104	-0.897911189

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2022	2	1,324,291.000	1323503.469	787.5305895	0.000594681	1.278826496
2022	3	1,325,530.000	1325973.31	-443.3095852	-0.000334439	-0.719865426
2022	4	1,326,395.000	1326187.391	207.6090065	0.000156521	0.337124553
2022	5	1,326,982.000	1327255.795	-273.7954385	-0.000206329	-0.444600967
2022	6		1328343.797			
2022	7		1329679.687			
2022	8		1331214.781			
2022	9		1332758.378			
2022	10		1334503.531			
2022	11		1336162.97			
2022	12		1338041.244			
2023	1		1339375.149			
2023	2		1341223.348			
2023	3		1342610.273			
2023	4		1343804.962			
2023	5		1344846.206			
2023	6		1346146.297			
2023	7		1347439.184			
2023	8		1348829.556			
2023	9		1350302.678			
2023	10		1351903.835			
2023	11		1353417.609			
2023	12		1355102.421			

Variable	Description	Definition
CommIndust	Calendar month customer count - historical data	from company records
Filled	Forecast of Occupied Multi-Family Units by Residential Customers	From CoStar
Mar	March Binary	Binary variable, March =1, other =0
Apr	April Binary	Binary variable, April =1, other =0
May	May Binary	Binary variable, May =1, other =0
Jun	June Binary	Binary variable, June =1, other =0
Jul	July Binary	Binary variable, July =1, other =0
Aug	August Binary	Binary variable, August =1, other =0
Sep	September Binary	Binary variable, September =1, other =0
Oct	October Binary	Binary variable, October =1, other =0
Nov	November Binary	Binary variable, November =1, other =0
AR(1)	First order autoregressive term	
MA(1)	Moving average term	

Variable	Coefficient	StdErr	T-Stat	P-Value
Population	56904.157	7596.940	7.490	0.00%
Filled	0.083	0.006	14.032	0.00%
Mar	175.599	27.485	6.389	0.00%
Apr	421.685	41.995	10.041	0.00%
May	580.944	49.841	11.656	0.00%
Jun	697.344	54.257	12.853	0.00%
Jul	729.057	55.709	13.087	0.00%
Aug	752.314	54.164	13.889	0.00%
Sep	663.981	50.134	13.244	0.00%
Oct	547.468	41.957	13.048	0.00%
Nov	223.462	27.203	8.214	0.00%
AR(1)	0.972	0.018	52.754	0.00%
MA(1)	0.296	0.077	3.871	0.02%

Model Statistics

Iterations	26
Adjusted Observations	179
Deg. of Freedom for Error	166
R-Squared	1.000
Adjusted R-Squared	1.000
AIC	9.474
BIC	9.706
F-Statistic	35733.05706
Prob (F-Statistic)	0
Log-Likelihood	-1,088.93
Model Sum of Squares	5,206,269,987.04
Sum of Squared Errors	2,015,502.56
Mean Squared Error	12,141.58
Std. Error of Regression	110.19
Mean Abs. Dev. (MAD)	84.23
Mean Abs. % Err. (MAPE)	0.05%
Durbin-Watson Statistic	1.924
Durbin-H Statistic	
Ljung-Box Statistic	27.03
Prob (Ljung-Box)	0.3030
Skewness	0.162
Kurtosis	3.178
Jarque-Bera	1.025
Prob (Jarque-Bera)	0.5990

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2007	6	148,962.000				
2007	7	149,205.000	149091.4423	113.557723	0.000761085	1.030573669
2007	8	149,475.000	149490.3967	-15.39670309	-0.000103005	-0.139730142
2007	9	149,300.000	149430.2921	-130.2921359	-0.000872687	-1.182443968
2007	10	149,440.000	149421.5102	18.48984225	0.000123728	0.167801397
2007	11	149,359.000	149217.2426	141.7573898	0.000949105	1.286494916
2007	12	149,179.000	149301.8955	-122.8955082	-0.000823812	-1.11531714
2008	1	149,317.000	149364.3263	-47.32625591	-0.000316952	-0.429501331
2008	2	149,271.000	149399.4321	-128.4321394	-0.000860396	-1.165563888
2008	3	149,309.000	149466.031	-157.0309827	-0.001051718	-1.425107793
2008	4	149,568.000	149569.3968	-1.396800712	-9.3389E-06	-0.012676426
2008	5	149,824.000	149815.809	8.190985217	5.46707E-05	0.074335884
2008	6	149,994.000	149936.3737	57.62633276	0.000384191	0.522977915
2008	7	150,203.000	150132.5092	70.49078357	0.000469303	0.639727035
2008	8	150,507.000	150731.8824	-224.8823769	-0.001494166	-2.040881502
2008	9	150,630.000	150597.1442	32.85581529	0.000218123	0.298177325
2008	10	150,780.000	150740.5672	39.43276107	0.000261525	0.35786527
2008	11	150,791.000	150580.745	210.2550352	0.001394347	1.908133567
2008	12	150,826.000	150813.761	12.23900922	8.11465E-05	0.111073032
2009	1	150,940.000	150963.6116	-23.61161883	-0.00015643	-0.214283203
2009	2	150,824.000	150956.4085	-132.4085261	-0.000877901	-1.201650905
2009	3	151,035.000	151139.0746	-104.0745684	-0.000689076	-0.944510924
2009	4	151,144.000	151321.1269	-177.1268719	-0.001171908	-1.607484594
2009	5	151,188.000	151267.7139	-79.71394562	-0.00052725	-0.723430263
2009	6	151,359.000	151400.9198	-41.91984239	-0.000276956	-0.380436351
2009	7	151,383.000	151400.3186	-17.31855113	-0.000114402	-0.157171545
2009	8	151,439.000	151491.9775	-52.97750359	-0.000349827	-0.480788262
2009	9	151,413.000	151420.8781	-7.878137234	-5.20308E-05	-0.071496685
2009	10	151,615.000	151477.9287	137.0713235	0.000904075	1.243967323
2009	11	151,621.000	151440.4426	180.5574185	0.001190847	1.638617932
2009	12	151,687.000	151555.4174	131.5826256	0.000867461	1.194155586
2010	1	151,830.000	151925.8171	-95.81712125	-0.000631082	-0.869571876
2010	2	151,913.000	151918.9917	-5.991668751	-3.94414E-05	-0.054376364
2010	3	152,166.000	152245.1087	-79.10871453	-0.000519884	-0.717937592
2010	4	152,287.000	152397.537	-110.5369971	-0.000725847	-1.003159589
2010	5	152,332.000	152483.5714	-151.5714143	-0.000995007	-1.375560414
2010	6	152,541.000	152576.4026	-35.40259344	-0.000232086	-0.321290174
2010	7	152,500.000	152570.4196	-70.41963214	-0.000461768	-0.639081313
2010	8	152,626.000	152603.2679	22.73209232	0.00014894	0.206301211
2010	9	152,714.000	152587.0792	126.9207711	0.000831101	1.151847724
2010	10	152,772.000	152715.0754	56.92457771	0.000372611	0.516609257
2010	11	152,769.000	152617.8201	151.1799445	0.000989598	1.372007698
2010	12	152,727.000	152663.5274	63.47262208	0.000415595	0.576034912
2011	1	152,660.000	152870.2926	-210.292604	-0.001377523	-1.908474516

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2011	2	152,621.000	152688.1521	-67.1520501	-0.000439992	-0.609426931
2011	3	153,011.000	152867.9825	143.0174988	0.000934688	1.29793082
2011	4	153,235.000	153340.3021	-105.3021047	-0.000687194	-0.955651218
2011	5	153,370.000	153409.9145	-39.91451853	-0.00026025	-0.362237378
2011	6	153,533.000	153493.4276	39.57236687	0.000257745	0.359132239
2011	7	153,624.000	153579.6676	44.33238192	0.000288577	0.40233094
2011	8	153,753.000	153766.1826	-13.18261917	-8.57389E-05	-0.119636603
2011	9	153,739.000	153655.0118	83.98824378	0.000546304	0.762220924
2011	10	153,823.000	153746.4252	76.57481222	0.000497811	0.694941595
2011	11	153,670.000	153599.5256	70.47438728	0.000458609	0.639578233
2011	12	153,490.000	153582.7132	-92.71318878	-0.000604034	-0.841402668
2012	1	153,566.000	153575.4824	-9.482422078	-6.17482E-05	-0.086056098
2012	2	153,588.000	153652.5624	-64.5624214	-0.000420361	-0.5859252
2012	3	154,028.000	153878.6656	149.3343651	0.000969527	1.355258458
2012	4	154,404.000	154351.7761	52.22390055	0.000338229	0.473949066
2012	5	154,673.000	154602.0248	70.97521507	0.000458873	0.64412341
2012	6	154,734.000	154815.1058	-81.1057806	-0.000524163	-0.736061623
2012	7	154,800.000	154777.9774	22.02260606	0.000142265	0.19986239
2012	8	154,909.000	154907.8604	1.139576672	7.35643E-06	0.010342033
2012	9	154,735.000	154843.7346	-108.7345987	-0.000702715	-0.98680223
2012	10	154,937.000	154753.5312	183.4687901	0.001184151	1.665039587
2012	11	154,723.000	154764.4876	-41.48756155	-0.000268141	-0.37651326
2012	12	154,962.000	154616.749	345.2509958	0.002227972	3.13326629
2013	1	155,191.000	155216.0696	-25.06963066	-0.00016154	-0.22751514
2013	2	155,250.000	155262.7659	-12.76591727	-8.22281E-05	-0.115854896
2013	3	155,556.000	155486.7645	69.23547816	0.000445084	0.628334726
2013	4	155,838.000	155869.4128	-31.4127501	-0.000201573	-0.285081034
2013	5	156,165.000	156007.8059	157.1941077	0.00100659	1.426588206
2013	6	156,360.000	156336.1836	23.81640827	0.000152318	0.216141735
2013	7	156,470.000	156444.7782	25.22182974	0.000161193	0.228896397
2013	8	156,612.000	156528.4595	83.54048903	0.000533423	0.758157402
2013	9	156,515.000	156556.0946	-41.09459867	-0.00026256	-0.372946993
2013	10	156,587.000	156499.2192	87.78077979	0.000560588	0.796639435
2013	11	156,148.000	156374.0771	-226.0770776	-0.001447838	-2.051723804
2013	12	156,035.000	155997.5414	37.45857431	0.000240065	0.339948877
2014	1	156,032.000	156192.9138	-160.9137774	-0.001031287	-1.460345431
2014	2	155,940.000	156083.3472	-143.3472181	-0.000919246	-1.300923131
2014	3	156,234.000	156190.7882	43.21178817	0.000276584	0.392161184
2014	4	156,635.000	156552.2422	82.75778788	0.000528348	0.751054132
2014	5	157,098.000	156887.8639	210.136133	0.001337612	1.90705449
2014	6	157,354.000	157329.815	24.1850409	0.000153698	0.219487197
2014	7	157,550.000	157471.0034	78.99661016	0.000501407	0.716920208
2014	8	157,684.000	157684.6732	-0.673198173	-4.26929E-06	-0.006109495
2014	9	157,786.000	157668.6313	117.3687237	0.000743848	1.065159753

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2014	10	157,690.000	157849.27	-159.2700498	-0.00101002	-1.445428063
2014	11	157,391.000	157423.8326	-32.83264372	-0.000208606	-0.297967036
2014	12	157,177.000	157304.4888	-127.488787	-0.000811116	-1.157002655
2015	1	157,299.000	157338.9746	-39.97457077	-0.000254131	-0.362782372
2015	2	157,330.000	157448.4151	-118.4151102	-0.000752654	-1.074656054
2015	3	157,663.000	157613.8178	49.18223682	0.000311945	0.446344968
2015	4	158,172.000	157997.3034	174.6965685	0.001104472	1.585428792
2015	5	158,205.000	158423.7875	-218.7874901	-0.001382937	-1.985568401
2015	6	158,541.000	158320.163	220.8369961	0.001392933	2.004168341
2015	7	158,539.000	158654.7183	-115.7182886	-0.000729904	-1.050181512
2015	8	158,693.000	158634.446	58.55400724	0.000368977	0.531396866
2015	9	158,793.000	158706.9245	86.07552219	0.000542061	0.781163662
2015	10	158,636.000	158837.98	-201.9799639	-0.001273229	-1.833034575
2015	11	158,451.000	158388.5367	62.46330122	0.000394212	0.566874994
2015	12	158,458.000	158387.2978	70.70215315	0.000446189	0.641645284
2016	1	158,595.000	158673.7774	-78.77738518	-0.00049672	-0.714930669
2016	2	158,664.000	158705.1911	-41.191054	-0.000259612	-0.373822357
2016	3	158,980.000	158959.9351	20.06491461	0.00012621	0.182095697
2016	4	159,412.000	159341.7188	70.28120646	0.000440878	0.637825054
2016	5	159,721.000	159666.3815	54.61846592	0.000341962	0.495680534
2016	6	159,996.000	159925.9465	70.05354221	0.000437846	0.635758926
2016	7	160,050.000	160094.4364	-44.43643265	-0.000277641	-0.403275235
2016	8	160,383.000	160253.041	129.9590485	0.000810304	1.17942109
2016	9	160,421.000	160402.7942	18.20579962	0.000113488	0.165223617
2016	10	160,420.000	160428.0349	-8.034909798	-5.00867E-05	-0.072919448
2016	11	159,860.000	160161.6907	-301.6906583	-0.001887218	-2.737941906
2016	12	159,669.000	159670.4376	-1.437589902	-9.00356E-06	-0.013046601
2017	1	159,778.000	159836.0126	-58.0126159	-0.000363083	-0.526483561
2017	2	159,886.000	159889.3838	-3.383777755	-2.11637E-05	-0.030708896
2017	3	160,207.000	160216.954	-9.953961107	-6.21319E-05	-0.090335469
2017	4	160,420.000	160520.9825	-100.9825166	-0.000629488	-0.916449537
2017	5	160,625.000	160661.6602	-36.66016123	-0.000228234	-0.332703015
2017	6	160,806.000	160795.2543	10.74573516	6.68242E-05	0.097521079
2017	7	160,820.000	160910.0541	-90.05405207	-0.000559968	-0.817270128
2017	8	161,098.000	160980.2975	117.7025004	0.000730627	1.068188887
2017	9	161,076.000	161102.9348	-26.93484241	-0.000167218	-0.24444255
2017	10	161,080.000	161120.0883	-40.08828966	-0.000248872	-0.363814408
2017	11	160,837.000	160900.607	-63.60697322	-0.000395475	-0.577254193
2017	12	160,780.000	160767.9481	12.05190603	7.4959E-05	0.109375009
2018	1	160,882.000	161000.9341	-118.9341085	-0.000739263	-1.079366135
2018	2	161,046.000	161033.8419	12.15807263	7.54944E-05	0.110338506
2018	3	161,456.000	161377.0321	78.96793579	0.000489099	0.716659979
2018	4	161,828.000	161810.0065	17.99348453	0.000111189	0.163296788
2018	5	162,041.000	162132.5276	-91.52760782	-0.000564842	-0.830643131

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2018	6	162,157.000	162212.6047	-55.60470668	-0.000342907	-0.504630993
2018	7	162,370.000	162250.3026	119.6974215	0.000737189	1.086293451
2018	8	162,485.000	162570.6474	-85.64744384	-0.00052711	-0.77727871
2018	9	162,453.000	162467.4832	-14.4831868	-8.91531E-05	-0.131439682
2018	10	162,541.000	162571.0012	-30.00115021	-0.000184576	-0.272270301
2018	11	162,244.000	162329.1083	-85.10828832	-0.00052457	-0.772385696
2018	12	162,084.000	162179.0882	-95.08817498	-0.00058666	-0.862956449
2019	1	162,197.000	162310.0949	-113.0948577	-0.000697268	-1.026373014
2019	2	162,191.000	162327.1398	-136.1398404	-0.00083938	-1.235513808
2019	3	162,299.000	162472.303	-173.3030126	-0.001067801	-1.572781814
2019	4	162,822.000	162645.577	176.4229607	0.001083533	1.601096369
2019	5	163,133.000	163142.3695	-9.369488321	-5.74347E-05	-0.085031187
2019	6	163,286.000	163345.6556	-59.65559538	-0.000365344	-0.54139414
2019	7	163,512.000	163448.1523	63.84771577	0.000390477	0.579439011
2019	8	163,794.000	163670.6038	123.3961912	0.000753362	1.119861002
2019	9	163,883.000	163864.4847	18.51529682	0.000112979	0.168032406
2019	10	163,888.000	163939.2998	-51.29982912	-0.000313018	-0.465562814
2019	11	163,782.000	163725.3381	56.66191524	0.000345959	0.514225509
2019	12	163,672.000	163710.5443	-38.54434027	-0.000235497	-0.34980256
2020	1	163,917.000	163849.3964	67.60356208	0.000412426	0.613524551
2020	2	164,057.000	164073.3354	-16.33541984	-9.95716E-05	-0.148249305
2020	3	164,436.000	164375.3979	60.60213457	0.000368545	0.549984295
2020	4	164,733.000	164803.9877	-70.98771965	-0.000430926	-0.644236893
2020	5	164,854.000	164960.2616	-106.2615654	-0.00064458	-0.96435864
2020	6	164,962.000	165079.2259	-117.2258615	-0.000710623	-1.063863232
2020	7	165,096.000	165060.6884	35.31161529	0.000213885	0.320464518
2020	8	165,129.000	165244.1017	-115.1016672	-0.000697041	-1.04458547
2020	9	165,102.000	165074.4672	27.53275913	0.000166762	0.249868841
2020	10	165,252.000	165132.1279	119.8720827	0.00072539	1.087878559
2020	11	165,083.000	165060.5068	22.49321945	0.000136254	0.204133361
2020	12	164,968.000	165025.9639	-57.96385929	-0.000351364	-0.526041079
2021	1	165,172.000	165120.8387	51.16130904	0.000309746	0.464305699
2021	2	165,234.000	165349.6362	-115.6362318	-0.000699833	-1.049436819
2021	3	165,617.000	165561.5057	55.49431036	0.000335076	0.503629111
2021	4	166,261.000	165986.4962	274.5037897	0.001651041	2.491212136
2021	5	166,807.000	166565.7885	241.2115222	0.001446052	2.189073864
2021	6	167,202.000	167083.7368	118.2631872	0.000707307	1.073277303
2021	7	167,312.000	167335.6199	-23.61992901	-0.000141173	-0.214358621
2021	8	167,610.000	167421.2239	188.776066	0.001126282	1.71320486
2021	9	167,702.000	167659.9089	42.09108022	0.000250987	0.381990391
2021	10	167,715.000	167713.4299	1.570057345	9.36146E-06	0.014248787
2021	11	167,576.000	167483.973	92.02703006	0.000549166	0.835175552
2021	12	167,348.000	167514.5995	-166.5995306	-0.000995527	-1.511945511
2022	1	167,210.000	167352.1127	-142.1127131	-0.000849906	-1.289719592

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2022	2	167,404.000	167307.9782	96.02179382	0.000573593	0.871429347
2022	3	167,747.000	167703.2132	43.78684857	0.000261029	0.397380046
2022	4	168,012.000	168068.3205	-56.32048451	-0.000335217	-0.511126913
2022	5	168,387.000	168195.1664	191.8336054	0.001139242	1.740953035
2022	6		168660.6946			
2022	7		168789.4963			
2022	8		168926.8094			
2022	9		168953.6195			
2022	10		168969.392			
2022	11		168770.8962			
2022	12		168691.505			
2023	1		168790.6101			
2023	2		168932.8458			
2023	3		169212.6122			
2023	4		169547.1776			
2023	5		169782.4487			
2023	6		169996.6973			
2023	7		170125.9461			
2023	8		170255.1294			
2023	9		170279.8806			
2023	10		170287.3704			
2023	11		170080.3504			
2023	12		169988.3578			

Variable	Description	Definition
StreetLight	calendar month customer count - historical data	from company records

Variable	Coefficient	StdErr	T-Stat	P-Value
Simple	1.057	0.075	14.121	0.000
Trend	0.054	0.025	2.105	0.037

Model Statistics

Iterations	21
Adjusted Observations	180
Deg. of Freedom for Error	178
R-Squared	0.995
Adjusted R-Squared	0.995
AIC	9.801
BIC	9.836
F-Statistic	
Prob (F-Statistic)	
Log-Likelihood	-1,135.49
Model Sum of Squares	597,245,447
Sum of Squared Errors	3,177,695
Mean Squared Error	17,852.22
Std. Error of Regression	133.61
Mean Abs. Dev. (MAD)	83.70
Mean Abs. % Err. (MAPE)	0.15%
Durbin-Watson Statistic	1.978
Durbin-H Statistic	0.000
Ljung-Box Statistic	30.91
Prob (Ljung-Box)	0.1564
Skewness	-1.426
Kurtosis	11.684
Jarque-Bera	626.6
Prob (Jarque-Bera)	0.0000

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2007	6	60,516.00	60,525.323	-9.323	-0.02%	-0.070
2007	7	60,318.00	60,452.230	-134.230	-0.22%	-1.005
2007	8	59,731.00	60,239.521	-508.521	-0.85%	-3.806
2007	9	59,183.00	59,602.418	-419.418	-0.71%	-3.139
2007	10	59,060.00	59,035.697	24.303	0.04%	0.182
2007	11	58,658.00	58,939.287	-281.287	-0.48%	-2.105
2007	12	58,526.00	58,503.973	22.027	0.04%	0.165
2008	1	58,423.00	58,390.456	32.544	0.06%	0.244
2008	2	58,302.00	58,289.899	12.101	0.02%	0.091
2008	3	58,326.00	58,168.424	157.576	0.27%	1.179
2008	4	58,574.00	58,209.625	364.375	0.62%	2.727
2008	5	58,622.00	58,490.037	131.963	0.23%	0.988
2008	6	58,484.00	58,532.315	-48.315	-0.08%	-0.362
2008	7	58,470.00	58,381.332	88.668	0.15%	0.664
2008	8	58,103.00	58,380.143	-277.143	-0.48%	-2.074
2008	9	58,348.00	57,976.643	371.357	0.64%	2.779
2008	10	58,141.00	58,279.548	-138.548	-0.24%	-1.037
2008	11	58,035.00	58,035.719	-0.719	-0.00%	-0.005
2008	12	58,162.00	57,937.510	224.490	0.39%	1.680
2009	1	58,226.00	58,090.036	135.964	0.23%	1.018
2009	2	58,283.00	58,156.716	126.284	0.22%	0.945
2009	3	58,695.00	58,220.327	474.673	0.81%	3.553
2009	4	58,680.00	58,679.039	0.961	0.00%	0.007
2009	5	58,508.00	58,637.178	-129.178	-0.22%	-0.967
2009	6	58,153.00	58,450.458	-297.458	-0.51%	-2.226
2009	7	58,203.00	58,069.029	133.971	0.23%	1.003
2009	8	58,302.00	58,151.139	150.861	0.26%	1.129
2009	9	58,391.00	58,259.654	131.346	0.22%	0.983
2009	10	58,463.00	58,354.993	108.007	0.18%	0.808
2009	11	58,424.00	58,431.792	-7.792	-0.01%	-0.058
2009	12	58,338.00	58,385.770	-47.770	-0.08%	-0.358
2010	1	58,213.00	58,294.790	-81.790	-0.14%	-0.612
2010	2	58,151.00	58,163.219	-12.219	-0.02%	-0.091
2010	3	58,114.00	58,104.479	9.521	0.02%	0.071
2010	4	57,971.00	58,069.254	-98.254	-0.17%	-0.735
2010	5	57,841.00	57,914.559	-73.559	-0.13%	-0.551
2010	6	57,682.00	57,781.791	-99.791	-0.17%	-0.747
2010	7	57,568.00	57,615.641	-47.641	-0.08%	-0.357
2010	8	57,413.00	57,501.903	-88.903	-0.15%	-0.665
2010	9	57,221.00	57,339.517	-118.517	-0.21%	-0.887
2010	10	57,054.00	57,139.114	-85.114	-0.15%	-0.637
2010	11	56,914.00	56,969.185	-55.185	-0.10%	-0.413
2010	12	56,804.00	56,827.756	-23.756	-0.04%	-0.178
2011	1	56,673.00	56,718.195	-45.195	-0.08%	-0.338

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2011	2	56,554.00	56,583.414	-29.414	-0.05%	-0.220
2011	3	56,543.00	56,463.643	79.357	0.14%	0.594
2011	4	56,508.00	56,463.323	44.677	0.08%	0.334
2011	5	56,411.00	56,428.886	-17.886	-0.03%	-0.134
2011	6	56,335.00	56,327.317	7.683	0.01%	0.058
2011	7	56,183.00	56,253.206	-70.206	-0.12%	-0.525
2011	8	56,075.00	56,092.799	-17.799	-0.03%	-0.133
2011	9	55,826.00	55,986.767	-160.767	-0.29%	-1.203
2011	10	55,728.00	55,720.527	7.473	0.01%	0.056
2011	11	55,537.00	55,632.510	-95.510	-0.17%	-0.715
2011	12	55,509.00	55,430.243	78.757	0.14%	0.589
2012	1	55,343.00	55,416.611	-73.611	-0.13%	-0.551
2012	2	55,270.00	55,237.779	32.221	0.06%	0.241
2012	3	55,400.00	55,172.620	227.380	0.41%	1.702
2012	4	54,836.00	55,326.602	-490.602	-0.89%	-3.672
2012	5	54,675.00	54,693.987	-18.987	-0.03%	-0.142
2012	6	54,490.00	54,558.707	-68.707	-0.13%	-0.514
2012	7	54,451.00	54,366.986	84.014	0.15%	0.629
2012	8	54,486.00	54,341.427	144.573	0.27%	1.082
2012	9	54,323.00	54,388.066	-65.066	-0.12%	-0.487
2012	10	54,360.00	54,209.465	150.535	0.28%	1.127
2012	11	54,305.00	54,267.252	37.748	0.07%	0.283
2012	12	54,324.00	54,207.984	116.016	0.21%	0.868
2013	1	54,333.00	54,238.010	94.990	0.17%	0.711
2013	2	54,395.00	54,251.202	143.798	0.26%	1.076
2013	3	54,468.00	54,324.129	143.871	0.26%	1.077
2013	4	54,470.00	54,405.292	64.708	0.12%	0.484
2013	5	54,527.00	54,406.463	120.537	0.22%	0.902
2013	6	54,520.00	54,473.470	46.530	0.09%	0.348
2013	7	53,698.00	54,464.904	-766.904	-1.43%	-5.740
2013	8	53,705.00	53,553.197	151.803	0.28%	1.136
2013	9	53,596.00	53,621.005	-25.005	-0.05%	-0.187
2013	10	53,674.00	53,500.541	173.459	0.32%	1.298
2013	11	53,482.00	53,599.654	-117.654	-0.22%	-0.881
2013	12	53,640.00	53,384.442	255.558	0.48%	1.913
2014	1	53,658.00	53,578.139	79.861	0.15%	0.598
2014	2	53,672.00	53,590.685	81.315	0.15%	0.609
2014	3	53,739.00	53,609.378	129.622	0.24%	0.970
2014	4	53,597.00	53,686.473	-89.473	-0.17%	-0.670
2014	5	53,783.00	53,526.951	256.049	0.48%	1.916
2014	6	53,748.00	53,747.103	0.897	0.00%	0.007
2014	7	53,838.00	53,697.656	140.344	0.26%	1.050
2014	8	53,780.00	53,803.538	-23.538	-0.04%	-0.176
2014	9	53,753.00	53,734.891	18.109	0.03%	0.136

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2014	10	53,791.00	53,711.285	79.715	0.15%	0.597
2014	11	53,690.00	53,757.305	-67.305	-0.13%	-0.504
2014	12	53,740.00	53,644.135	95.865	0.18%	0.717
2015	1	53,712.00	53,708.842	3.158	0.01%	0.024
2015	2	53,717.00	53,675.754	41.246	0.08%	0.309
2015	3	53,842.00	53,685.257	156.743	0.29%	1.173
2015	4	53,837.00	53,825.708	11.292	0.02%	0.085
2015	5	53,846.00	53,813.084	32.916	0.06%	0.246
2015	6	53,977.00	53,825.179	151.821	0.28%	1.136
2015	7	53,925.00	53,971.544	-46.544	-0.09%	-0.348
2015	8	53,915.00	53,905.634	9.366	0.02%	0.070
2015	9	53,824.00	53,899.342	-75.342	-0.14%	-0.564
2015	10	53,877.00	53,799.256	77.744	0.14%	0.582
2015	11	53,788.00	53,865.363	-77.363	-0.14%	-0.579
2015	12	53,859.00	53,763.163	95.837	0.18%	0.717
2016	1	53,841.00	53,849.439	-8.439	-0.02%	-0.063
2016	2	53,860.00	53,825.035	34.965	0.06%	0.262
2016	3	53,965.00	53,848.484	116.516	0.22%	0.872
2016	4	53,928.00	53,964.725	-36.725	-0.07%	-0.275
2016	5	53,907.00	53,916.936	-9.936	-0.02%	-0.074
2016	6	54,016.00	53,896.894	119.106	0.22%	0.891
2016	7	53,952.00	54,019.980	-67.980	-0.13%	-0.509
2016	8	54,059.00	53,941.495	117.505	0.22%	0.879
2016	9	53,949.00	54,065.698	-116.698	-0.22%	-0.873
2016	10	53,952.00	53,935.773	16.227	0.03%	0.121
2016	11	53,935.00	53,947.246	-12.246	-0.02%	-0.092
2016	12	53,962.00	53,927.934	34.066	0.06%	0.255
2017	1	53,959.00	53,959.497	-0.497	-0.00%	-0.004
2017	2	53,946.00	53,954.505	-8.505	-0.02%	-0.064
2017	3	54,059.00	53,940.568	118.432	0.22%	0.886
2017	4	54,018.00	54,067.496	-49.496	-0.09%	-0.370
2017	5	54,057.00	54,014.148	42.852	0.08%	0.321
2017	6	54,155.00	54,060.825	94.175	0.17%	0.705
2017	7	54,108.00	54,167.081	-59.081	-0.11%	-0.442
2017	8	54,140.00	54,108.023	31.977	0.06%	0.239
2017	9	54,038.00	54,147.010	-109.010	-0.20%	-0.816
2017	10	54,037.00	54,030.818	6.182	0.01%	0.046
2017	11	54,014.00	54,036.714	-22.714	-0.04%	-0.170
2017	12	54,057.00	54,010.784	46.216	0.09%	0.346
2018	1	54,063.00	54,060.321	2.679	0.00%	0.020
2018	2	54,065.00	54,063.999	1.001	0.00%	0.007
2018	3	54,074.00	54,065.961	8.039	0.01%	0.060
2018	4	54,044.00	54,075.816	-31.816	-0.06%	-0.238
2018	5	54,093.00	54,041.748	51.252	0.09%	0.384

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2018	6	54,181.00	54,098.374	82.626	0.15%	0.618
2018	7	54,188.00	54,192.842	-4.842	-0.01%	-0.036
2018	8	54,176.00	54,194.597	-18.597	-0.03%	-0.139
2018	9	54,092.00	54,180.761	-88.761	-0.16%	-0.664
2018	10	54,141.00	54,087.741	53.259	0.10%	0.399
2018	11	54,065.00	54,147.831	-82.831	-0.15%	-0.620
2018	12	54,107.00	54,059.401	47.599	0.09%	0.356
2019	1	54,154.00	54,111.511	42.489	0.08%	0.318
2019	2	54,167.00	54,160.630	6.370	0.01%	0.048
2019	3	54,259.00	54,171.939	87.061	0.16%	0.652
2019	4	54,237.00	54,273.461	-36.461	-0.07%	-0.273
2019	5	54,292.00	54,242.375	49.625	0.09%	0.371
2019	6	54,320.00	54,305.080	14.920	0.03%	0.112
2019	7	54,369.00	54,331.955	37.045	0.07%	0.277
2019	8	54,328.00	54,384.312	-56.312	-0.10%	-0.421
2019	9	54,371.00	54,334.815	36.185	0.07%	0.271
2019	10	54,332.00	54,385.122	-53.122	-0.10%	-0.398
2019	11	54,317.00	54,338.036	-21.036	-0.04%	-0.157
2019	12	54,290.00	54,323.666	-33.666	-0.06%	-0.252
2020	1	54,287.00	54,294.039	-7.039	-0.01%	-0.053
2020	2	54,306.00	54,292.153	13.847	0.03%	0.104
2020	3	54,371.00	54,313.125	57.875	0.11%	0.433
2020	4	54,346.00	54,383.908	-37.908	-0.07%	-0.284
2020	5	54,347.00	54,351.316	-4.316	-0.01%	-0.032
2020	6	54,379.00	54,353.980	25.020	0.05%	0.187
2020	7	54,392.00	54,389.066	2.934	0.01%	0.022
2020	8	54,407.00	54,400.977	6.023	0.01%	0.045
2020	9	54,398.00	54,416.494	-18.494	-0.03%	-0.138
2020	10	54,396.00	54,405.053	-9.053	-0.02%	-0.068
2020	11	54,335.00	54,403.076	-68.076	-0.13%	-0.510
2020	12	54,358.00	54,334.862	23.138	0.04%	0.173
2021	1	54,340.00	54,364.357	-24.357	-0.04%	-0.182
2021	2	54,305.00	54,342.277	-37.277	-0.07%	-0.279
2021	3	54,412.00	54,304.429	107.571	0.20%	0.805
2021	4	54,434.00	54,425.759	8.241	0.02%	0.062
2021	5	54,418.00	54,442.582	-24.582	-0.05%	-0.184
2021	6	54,512.00	54,423.323	88.677	0.16%	0.664
2021	7	54,482.00	54,528.787	-46.787	-0.09%	-0.350
2021	8	54,489.00	54,488.437	0.563	0.00%	0.004
2021	9	54,430.00	54,498.159	-68.159	-0.13%	-0.510
2021	10	54,470.00	54,431.390	38.610	0.07%	0.289
2021	11	54,404.00	54,479.646	-75.646	-0.14%	-0.566
2021	12	54,402.00	54,402.864	-0.864	-0.00%	-0.006
2022	1	54,414.00	54,405.064	8.936	0.02%	0.067

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2022	2	54,424.00	54,418.128	5.872	0.01%	0.044
2022	3	54,525.00	54,428.287	96.713	0.18%	0.724
2022	4	54,524.00	54,539.932	-15.932	-0.03%	-0.119
2022	5	54,511.00	54,531.629	-20.629	-0.04%	-0.154
2022	6		54,517.192			
2022	7		54,524.556			
2022	8		54,531.920			
2022	9		54,539.284			
2022	10		54,546.648			
2022	11		54,554.012			
2022	12		54,561.376			
2023	1		54,568.740			
2023	2		54,576.104			
2023	3		54,583.468			
2023	4		54,590.832			
2023	5		54,598.196			
2023	6		54,605.560			
2023	7		54,612.924			
2023	8		54,620.288			
2023	9		54,627.652			
2023	10		54,635.016			
2023	11		54,642.380			
2023	12		54,649.744			