

Data extracted on: March 16, 2014 (10:40:20 AM)

**Area:** Atlanta-Sandy Springs-Marietta, GA Metropolitan Statistical Area

**Area Type:** Metropolitan areas

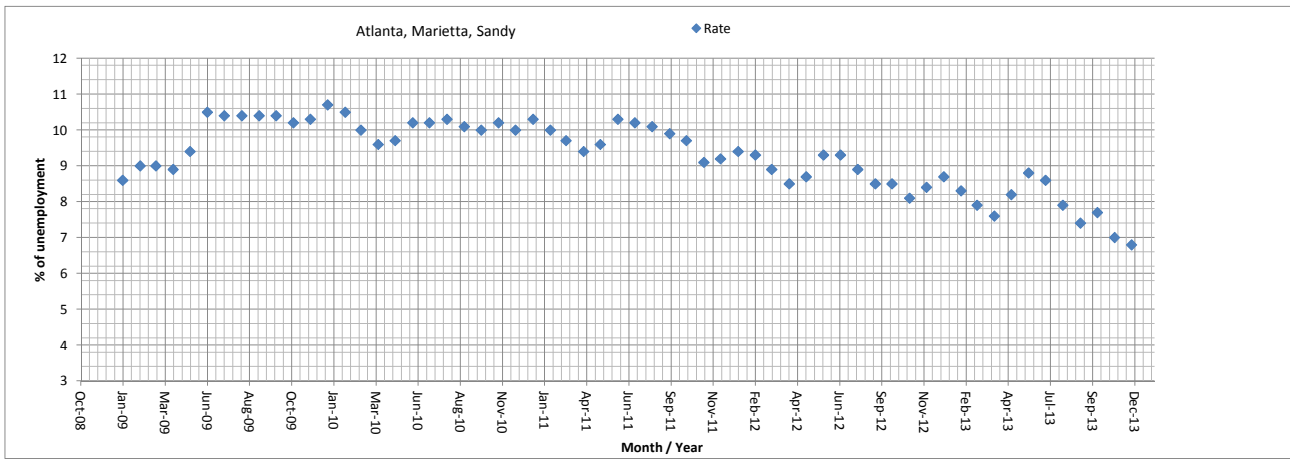
**State/Region/Division:** Georgia

Bureau of Labor Statistics Data

Year	Period	labor force	employment	unemployment	unemployment rate
2009	Jan	2725404	2491174	234230	8.6
2009	Feb	2725240	2479429	245811	9
2009	Mar	2711862	2467140	244722	9
2009	Apr	2694763	2455559	239204	8.9
2009	May	2696705	2443207	253498	9.4
2009	Jun	2695397	2412997	282400	10.5
2009	Jul	2712572	2430103	282469	10.4
2009	Aug	2684725	2406702	278023	10.4
2009	Sep	2674170	2394891	279279	10.4
2009	Oct	2670379	2391476	278903	10.4
2009	Nov	2677693	2405292	272401	10.2
2009	Dec	2670670	2396163	274507	10.3
2010	Jan	2664077	2378986	285091	10.7
2010	Feb	2661542	2382724	278818	10.5
2010	Mar	2663016	2395401	267615	10
2010	Apr	2667153	2409924	257229	9.6
2010	May	2669428	2410490	258938	9.7
2010	Jun	2672191	2399842	272349	10.2
2010	Jul	2683247	2408788	274459	10.2
2010	Aug	2677668	2402545	275123	10.3
2010	Sep	2674119	2403335	270784	10.1
2010	Oct	2672593	2404928	267665	10
2010	Nov	2693985	2420189	273796	10.2
2010	Dec	2700459	2430366	270093	10
2011	Jan	2679198	2402184	277014	10.3
2011	Feb	2685442	2416378	269064	10
2011	Mar	2695849	2435563	260286	9.7
2011	Apr	2683088	2429816	253272	9.4
2011	May	2702881	2443320	259561	9.6
2011	Jun	2701087	2421809	279278	10.3
2011	Jul	2715021	2437801	277220	10.2
2011	Aug	2708235	2433930	274305	10.1
2011	Sep	2713294	2443790	269504	9.9
2011	Oct	2715897	2453452	262445	9.7
2011	Nov	2720665	2472782	247883	9.1
2011	Dec	2732494	2481096	251398	9.2
2012	Jan	2709038	2454293	254745	9.4
2012	Feb	2717367	2464369	252998	9.3
2012	Mar	2720271	2477563	242708	8.9
2012	Apr	2713258	2481833	231425	8.5
2012	May	2728641	2491338	237303	8.7
2012	Jun	2740176	2486572	253604	9.3
2012	Jul	2752389	2496211	256178	9.3
2012	Aug	2732070	2487551	244519	8.9
2012	Sep	2740479	2508450	232029	8.5
2012	Oct	2755658	2522157	233501	8.5
2012	Nov	2754920	2531234	223686	8.1
2012	Dec	2773421	2540260	233161	8.4
2013	Jan	2770791	2529584	241207	8.7
2013	Feb	2743459	2516544	226915	8.3
2013	Mar	2742030	2525514	216516	7.9
2013	Apr	2740105	2532656	207449	7.6
2013	May	2762900	2536438	226462	8.2
2013	Jun	2767517	2523023	244494	8.8
2013	Jul	2778871	2539285	239586	8.6
2013	Aug	2737194	2519713	217481	7.9
2013	Sep	2736702	2534426	202276	7.4
2013	Oct	2718823	2509946	208877	7.7
2013	Nov	2726425	2536927	189498	7
2013	Dec	2734954(P)	2548119(P)	186835(P)	6.8(P)

Time Period	Unemployment Rate
Jan-09	8.6
Feb-09	9
Mar-09	9
Apr-09	8.9
May-09	9.4
Jun-09	10.5
Jul-09	10.4
Aug-09	10.4
Sep-09	10.4
Oct-09	10.4
Nov-09	10.2
Dec-09	10.3
Jan-10	10.7
Feb-10	10.5
Mar-10	10
Apr-10	9.6
May-10	9.7
Jun-10	10.2
Jul-10	10.2
Aug-10	10.3
Sep-10	10.1
Oct-10	10
Nov-10	10.2
Dec-10	10
Jan-11	10.3
Feb-11	10
Mar-11	9.7
Apr-11	9.4
May-11	9.6
Jun-11	10.3
Jul-11	10.2
Aug-11	10.1
Sep-11	9.9
Oct-11	9.7
Nov-11	9.1
Dec-11	9.2
Jan-12	9.4
Feb-12	9.3
Mar-12	8.9
Apr-12	8.5
May-12	8.7
Jun-12	9.3
Jul-12	9.3
Aug-12	8.9
Sep-12	8.5
Oct-12	8.5
Nov-12	8.1
Dec-12	8.4
Jan-13	8.7
Feb-13	8.3
Mar-13	7.9
Apr-13	7.6
May-13	8.2
Jun-13	8.8
Jul-13	8.6
Aug-13	7.9
Sep-13	7.4
Oct-13	7.7
Nov-13	7
Dec-13	6.8

Period	Unemployment Rate	Forecast					3 Month Moving Average	Exponential Smoothing												
		Forecast	Error	Abs Error	Percent Error	Squared Error		Forecast	Error	Abs Error	Percent Error	Squared Error								
Jan-09	8.6																			
Feb-09	9																			
Mar-09	9																			
Apr-09	8.9																			
May-09	9.4																			
Jun-09	10.5																			
Jul-09	10.4																			
Aug-09	10.4																			
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Dec-09	10.3																			
Jan-10	10.7																			
Feb-10	10.5																			
Mar-10	10																			
Apr-10	9.6																			
May-10	9.7																			
Jun-10	10.2																			
Jul-10	10.2																			
Aug-10	10.3																			
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Dec-10	10																			
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Jun-13	8.8																			
Jul-13	8.6																			
Aug-13	7.9																			
Sep-13	7.4																			
Oct-13	7.7																			
Nov-13	7																			
Dec-13	6.8																			
Jan-14		6.8	-0.0305085	0.29491525	3.28%	0.1359322		7.17	-0.0672515	0.39122807	4.36%	0.235224172		7.22	-0.0586779	0.3643205	4.07%	0.2024588		
		BIAS MAD MAPE MSE						BIAS MAD MAPE MSE						BIAS MAD MAPE MSE						
		Standard Error 0.3686898						Standard Error 0.484999146						Standard Error 0.44499543						



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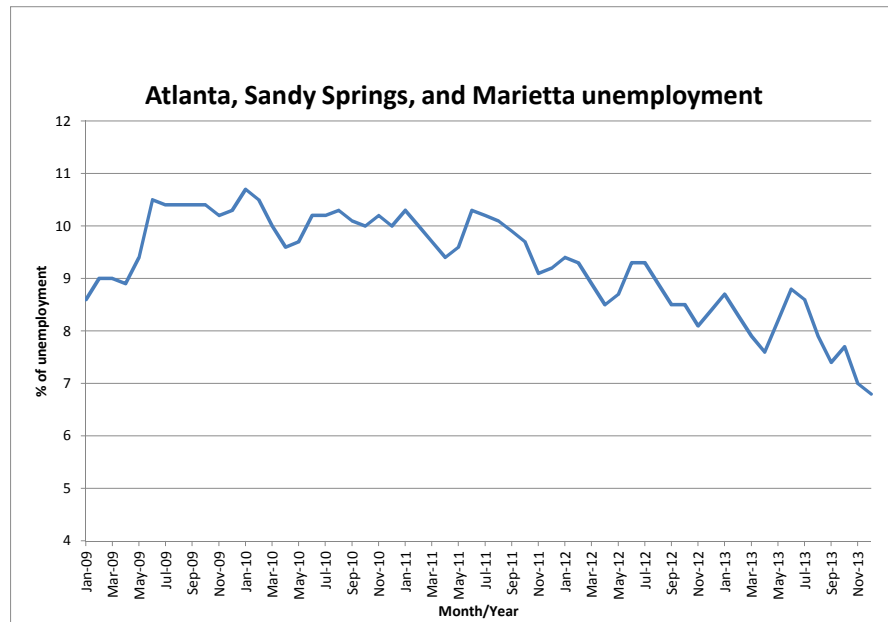
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**Area Type:** Metropolitan areas

**State/Region/Division:** Georgia

Bureau of Labor Statistics Data

Period	Unemployment
	Rate
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Feb-09	9
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May-09	9.4
Jun-09	10.5
Jul-09	10.4
Aug-09	10.4
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Feb-10	10.5
Mar-10	10
Apr-10	9.6
May-10	9.7
Jun-10	10.2
Jul-10	10.2
Aug-10	10.3
Sep-10	10.1
Oct-10	10
Nov-10	10.2
Dec-10	10
Jan-11	10.3
Feb-11	10
Mar-11	9.7
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Nov-11	9.1
Dec-11	9.2
Jan-12	9.4
Feb-12	9.3
Mar-12	8.9
Apr-12	8.5
May-12	8.7
Jun-12	9.3
Jul-12	9.3
Aug-12	8.9
Sep-12	8.5
Oct-12	8.5
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Dec-12	8.4
Jan-13	8.7
Feb-13	8.3
Mar-13	7.9
Apr-13	7.6
May-13	8.2
Jun-13	8.8
Jul-13	8.6
Aug-13	7.9
Sep-13	7.4
Oct-13	7.7
Nov-13	7
Dec-13	6.8



SUMMARY OUTPUT

Regression Statistics							
Multiple R	0.747349479						
R Square	0.558531243						
Adjusted R Square	0.55019713						
Standard Error	0.650359642						
Observations	60						

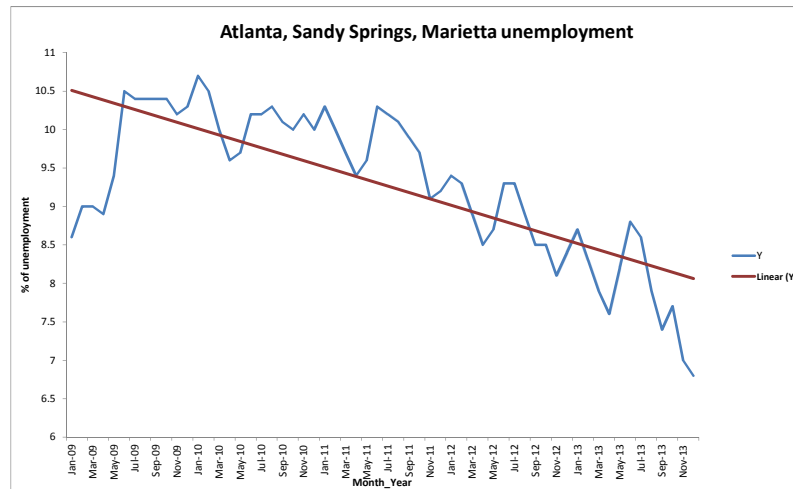
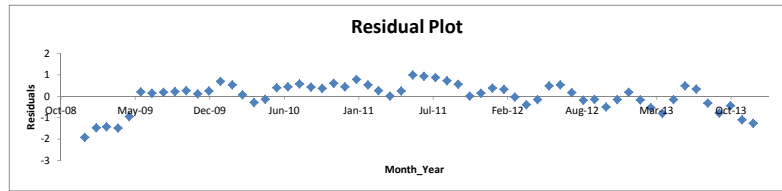
ANOVA					
	df	SS	MS	F	Significance F
Regression	1	31.03720882	31.03720882	73.3796256	6.94032E-12
Residual	58	24.53212451	0.422967664		
Total	59	55.56933333			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	64.9239246	6.484540837	9.997596781	3.1319E-14	51.84980583	77.8100434	51.8498058	77.81004337
X Variable 1	-0.001364332	0.000159269	-8.566190846	6.9403E-12	-0.001683145	-0.00104552	-0.0016831	-0.00104552

RESIDUAL OUTPUT

Observation	Predicted Unemployment	Residuals Residuals	Abs Error	% Error
1	10.510291	-1.910290996	1.910290996	18.1754339
2	10.46799669	-1.467996689	1.467996689	14.0236641
3	10.42979538	-1.429795379	1.429795379	13.7087577
4	10.38750107	-1.487501072	1.487501072	14.3201051
5	10.3465711	-0.946571097	0.946571097	9.14884537
6	10.30427679	0.19572321	0.19572321	1.89943665
7	10.26334682	0.136653184	0.136653184	1.33146805
8	10.22105251	0.178947491	0.178947491	1.75077362
9	10.1787582	0.221241798	0.221241798	2.17356375
10	10.13782823	0.262171773	0.262171773	2.58607433
11	10.09553392	0.10446608	0.10446608	1.03477519
12	10.05460395	0.245396055	0.245396055	2.44063372
13	10.01230964	0.687690362	0.687690362	6.8644488
14	9.970015331	0.529984669	0.529984669	5.3157859
15	9.931814022	0.068185978	0.068185978	0.68654103
16	9.889519715	-0.289519715	0.289519715	2.9275407
17	9.84858974	-0.14858974	0.14858974	1.50874129
18	9.806295433	0.393704567	0.393704567	4.01481446
19	9.765365458	0.434634542	0.434634542	4.450776
20	9.723071151	0.576928849	0.576928849	5.93360719
21	9.680776844	0.419223156	0.419223156	4.33047019
22	9.63984687	0.36015313	0.36015313	3.73608767
23	9.59752563	0.602447437	0.602447437	6.27709443
24	9.55662598	0.443377412	0.443377412	4.6394781
25	9.514328281	0.785671719	0.785671719	8.25777392
26	9.472033974	0.527966026	0.527966026	5.5794566
27	9.433832664	0.266167336	0.266167336	2.82141252
28	9.391538357	0.008461643	0.008461643	0.09009858
29	9.350608383	0.249391617	0.249391617	2.66711648
30	9.308314075	0.991685925	0.991685925	10.6537652
31	9.267384101	0.932615899	0.932615899	10.0634212
32	9.225089794	0.874910206	0.874910206	9.48402916
33	9.182795487	0.717204513	0.717204513	7.81030694
34	9.141865512	0.558134488	0.558134488	6.10526913
35	9.099571205	0.000428795	0.000428795	0.00471225
36	9.05864123	0.14135877	0.14135877	1.56048535
37	9.016346923	0.383653077	0.383653077	4.25508335
38	8.974052616	0.325947384	0.325947384	3.63210912
39	8.934486974	-0.034486974	0.034486974	0.38599837
40	8.892192667	-0.392192667	0.392192667	4.41052822
41	8.851262693	-0.151262693	0.151262693	1.70893914
42	8.808968386	0.491031614	0.491031614	5.57422383
43	8.768038411	0.531961589	0.531961589	6.06705359
44	8.725744104	0.174255896	0.174255896	1.99703193
45	8.683449797	-0.183449797	0.183449797	2.11263727
46	8.642519822	-0.142519822	0.142519822	1.64905404
47	8.600225515	-0.500225515	0.500225515	5.81642323
48	8.559295541	-0.159295541	0.159295541	1.86108237
49	8.517001233	0.182998767	0.182998767	2.1486291
50	8.474706926	-0.174706926	0.174706926	2.06150995
51	8.436505617	-0.536505617	0.536505617	6.35933455
52	8.39421131	-0.79421131	0.79421131	9.46141669
53	8.352813335	-0.153281335	0.153281335	1.83498551
54	8.310987028	0.4489012972	0.4489012972	5.88393377
55	8.270057053	0.329942947	0.329942947	3.98960907
56	8.227762746	-0.327762746	0.327762746	3.98361932
57	8.185468439	-0.785468439	0.785468439	9.59588868
58	8.144538465	-0.444538465	0.444538465	5.45811732
59	8.102244158	-1.102244158	1.102244158	13.6041834
60	8.061314183	-1.261314183	1.261314183	15.6465082



### Deseasonalization of the Data

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**Bureau of Labor Statistics Data**

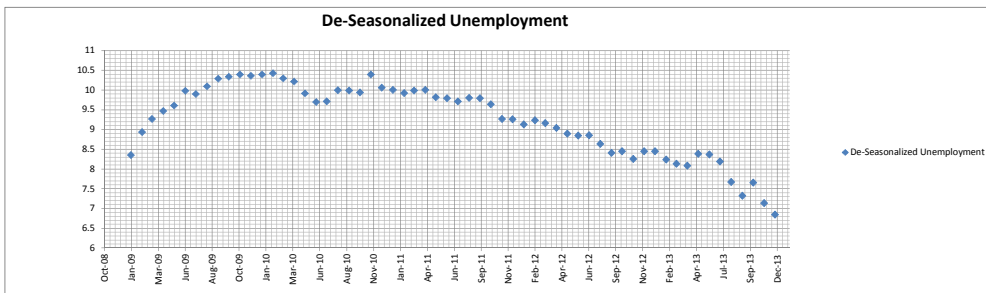
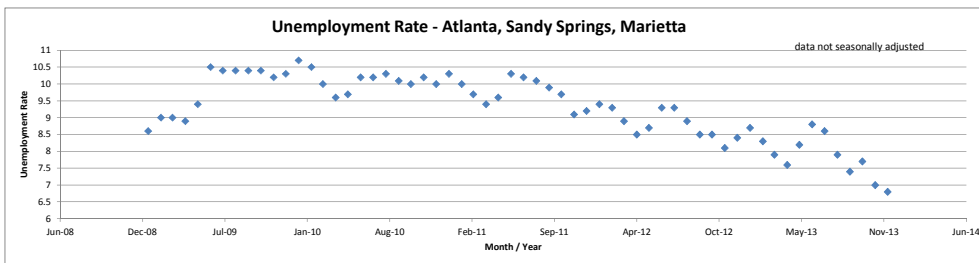
	2009	2010	2011	2012	2013	Seasonal Index
JAN		1.046455	1.029142381	1.006494	1.035201	1.029823
FEB		1.028152		1.100722	0.996	1.007843
MAR		0.980793	0.971619366	0.975342	0.95806	0.971454
APR		0.944262	0.943538269	0.942699	0.930612	0.940278
MAY		0.955665	0.96928902	0.97479	1.01391	0.978414
JUN		1.006165	1.048346056	1.050847	1.103448	1.052202
JUL	1.052720371	1.030968	1.045705963	1.058321	1.08746	1.050556
AUG	1.036975488	1.022755	1.042580645	1.021033		1.030836
SEP	1.026315789	1.006227	1.028571429	0.984556		1.011417
OCT	1.019191507	0.998336	1.015263846	0.993668		1.006615
NOV	0.995268637	1.019575		0.96	0.953409	0.982128
DEC	1.005286702	0.999584	0.978723404	0.993593		0.994297

using a 12 month moving average to decompose the trend and seasonality since data is a monthly aggregate

Period	Unemployment		Moving Average	Centered Average	Raw Indices	Season Index	de-Seasonalized Unemployment	Seasonally Adjusted Predicted				
	Rate	Rate						Unemployment	Error	Abs Error	% Error	Squared Error
Jan-09	8.6					1.030	8.351	10.781	-2.181	2.181307	25.36%	4.758099
Feb-09	9					1.008	8.930	10.509	-1.509	1.508511	16.76%	2.275605
Mar-09	9					0.971	9.264	10.092	-1.092	1.091924	12.13%	1.192298
Apr-09	8.5					0.940	9.465	9.728	-0.828	0.832321	9.31%	0.85897
May-09	9.4					0.978	9.607	10.083	-0.683	0.682684	7.26%	0.466058
Jun-09	10.5					1.052	9.979	10.799	-0.299	0.298516	2.84%	0.089112
Jul-09	10.4		9.792	9.879	1.053	1.051	9.899	10.740	-0.340	0.339583	3.27%	0.115316
Aug-09	10.4		9.967	10.029	1.037	1.031	10.089	10.493	-0.093	0.093331	0.90%	0.008711
Sep-09	10.4		10.092	10.133	1.026	1.011	10.283	10.253	0.147	0.147177	1.42%	0.211661
Oct-09	10.4		10.175	10.204	1.019	1.007	10.332	10.163	0.237	0.237122	2.28%	0.056227
Nov-09	10.3		10.233	10.246	0.996	0.982	10.386	9.874	0.326	0.325945	3.20%	0.10624
Dec-09	10.3		10.258	10.246	1.005	0.994	10.359	9.956	0.344	0.344355	3.34%	0.11858
Jan-10	10.7		10.233	10.225	1.046	1.030	10.390	10.268	0.432	0.432257	4.04%	0.186846
Feb-10	10.5		10.217	10.213	1.028	1.008	10.418	10.006	0.494	0.494092	4.71%	0.244127
Mar-10	10		10.208	10.196	0.981	0.971	10.294	9.607	0.393	0.392531	3.93%	0.154081
Apr-10	9.5		10.183	10.167	0.944	0.940	10.210	9.259	0.341	0.340677	3.55%	0.116061
May-10	9.7		10.150	10.150	0.956	0.978	9.914	9.595	0.105	0.105242	1.08%	0.011076
Jun-10	10.2		10.150	10.138	1.006	1.052	9.694	10.274	-0.074	0.073792	0.72%	0.005445
Jul-10	10.2		10.125	10.108	1.009	1.051	9.708	10.216	-0.016	0.01563	0.15%	0.000244
Aug-10	10.3		10.092	10.071	1.023	1.031	9.992	9.979	0.321	0.320738	3.11%	0.102873
Sep-10	10.1		10.050	10.038	1.006	1.011	9.999	9.748	0.352	0.351562	3.48%	0.123596
Oct-10	10		10.025	10.017	0.998	1.007	9.934	9.661	0.339	0.339112	3.39%	0.114997
Nov-10	10.2		10.008	10.004	1.020	0.982	10.386	9.384	0.816	0.815723	8.00%	0.665404
Dec-10	10		10.000	10.004	1.000	0.994	10.057	9.460	0.540	0.540202	5.40%	0.291818
Jan-11	10.3		10.008	10.008	1.029	1.030	10.002	9.754	0.546	0.545821	5.30%	0.297921
Feb-11	10		10.008	10.000	1.000	1.008	9.922	9.503	0.497	0.496695	4.97%	0.246708
Mar-11	9.7		9.992	9.983	0.972	0.971	9.985	9.123	0.577	0.576987	5.85%	0.332914
Apr-11	9.4		9.975	9.963	0.944	0.940	9.997	8.790	0.610	0.609586	6.48%	0.371595
May-11	9.6		9.950	9.904	0.969	0.978	9.812	9.107	0.493	0.493169	5.14%	0.243215
Jun-11	10.3		9.858	9.825	1.048	1.052	9.789	9.749	0.551	0.550932	5.38%	0.303526
Jul-11	10.2		9.792	9.754	1.046	1.051	9.708	9.692	0.508	0.508323	4.98%	0.258392
Aug-11	10.1		9.717	9.688	1.043	1.031	9.788	9.465	0.635	0.634807	6.29%	0.402088
Sep-11	9.9		9.658	9.625	1.029	1.011	9.788	9.244	0.656	0.655948	6.63%	0.430267
Oct-11	9.7		9.592	9.554	1.015	1.007	9.636	9.159	0.541	0.541102	5.58%	0.292791
Nov-11	9.1		9.517	9.479	0.960	0.982	9.266	8.894	0.206	0.205502	2.26%	0.042231
Dec-11	9.2		9.442	9.400	0.979	0.994	9.253	8.964	0.236	0.236049	2.57%	0.055719
Jan-12	9.6		9.358	9.321	1.008	1.030	9.128	8.241	0.159	0.159385	1.70%	0.025404
Feb-12	9.3		9.283	9.233	1.007	1.008	9.228	9.001	0.299	0.298297	3.22%	0.089579
Mar-12	8.9		9.183	9.125	0.975	0.971	9.162	8.637	0.263	0.26277	2.95%	0.069048
Apr-12	8.5		9.067	9.017	0.943	0.940	9.040	8.320	0.180	0.179779	2.12%	0.032321
May-12	8.7		8.967	8.925	0.975	0.978	8.892	8.618	0.082	0.082432	0.95%	0.006795
Jun-12	9.3		8.883	8.850	1.051	1.052	8.839	8.223	0.077	0.077094	0.83%	0.005843
Jul-12	9.3		8.817	8.788	1.058	1.051	8.852	9.166	0.134	0.133712	1.44%	0.017879
Aug-12	8.9		8.758	8.717	1.021	1.031	8.634	8.950	-0.050	0.049715	0.56%	0.002472
Sep-12	8.5		8.675	8.633	0.985	1.011	8.404	8.738	-0.238	0.238285	2.80%	0.05678
Oct-12	8.5		8.592	8.554	0.994	1.007	8.444	8.656	-0.156	0.155533	1.83%	0.02419
Nov-12	8.3		8.517	8.496	0.953	0.982	8.247	8.403	-0.303	0.303378	3.75%	0.092038
Dec-12	8.4		8.475	8.454	0.994	0.994	8.448	8.467	-0.067	0.066745	0.79%	0.004455
Jan-13	8.7		8.433	8.404	1.035	1.030	8.448	8.726	-0.026	0.025644	0.29%	0.000658
Feb-13	8.3		8.375	8.333	0.996	1.008	8.235	8.497	-0.197	0.196723	2.37%	0.0387
Mar-13	7.9		8.292	8.246	0.958	0.971	8.132	8.153	-0.253	0.252775	3.20%	0.063895
Apr-13	7.6		8.200	8.167	0.931	0.940	8.083	7.851	-0.251	0.251312	3.31%	0.063158
May-13	8.2		8.133	8.088	1.014	0.978	8.381	8.130	0.070	0.070358	0.86%	0.00489
Jun-13	8.6		8.042	7.975	1.103	1.052	8.363	8.698	0.102	0.101818	1.16%	0.010367
Jul-13	8.6		7.908	7.908	1.087	1.051	8.185	8.642	-0.042	0.042336	0.49%	0.001792
Aug-13	7.9					1.031	7.664	8.436	-0.536	0.535646	6.78%	0.286917
Sep-13	7.4					1.011	7.316	8.234	-0.834	0.8339	11.27%	0.695389
Oct-13	7.7					1.007	7.649	8.154	-0.454	0.453542	5.89%	0.205701
Nov-13	7					0.982	7.127	7.914	-0.914	0.913599	13.05%	0.834663
Dec-13	6.8					0.994	6.839	7.971	-1.171	1.170898	17.22%	1.371002

BIAS	MAD	MASE	MSE
7.938E-05	0.4201973	4.666%	0.3198799

Standard Error 0.565579



SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.787409876
R Square	0.620014312
Adjusted R Square	0.613462835
Standard Error	0.573494026
Observations	60

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	31.12578165	31.125782	94.63733	8.5324E-14
Residual	58	19.07593309	0.3288954		
Total	59	50.20171475			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	64.86607437	5.718136848	11.343918	2.36E-16	53.41997966	76.312169	53.41997966	76.31216887
X Variable 1	-0.00136628	0.000140445	-9.7281719	8.53E-14	-0.00164741	-0.001085	-0.00164741	-0.00108515

RESIDUAL OUTPUT

Observation	Predicted Y	Residuals	Abs Error	Season Index	% Error	Predicted Y Seasonally Adjusted
1	10.46908845	-2.118137731	2.1181377	1.029823	20.23230332	10.781307
2	10.42673384	-1.496771516	1.4967715	1.007843	14.35513305	10.508511
3	10.38947806	-1.124010553	1.1240106	0.971454	10.81978078	10.091924
4	10.34612345	-0.880836428	0.8808364	0.940278	8.513685657	9.728231
5	10.30513511	-0.697745966	0.697746	0.978414	6.770857035	10.082684
6	10.2627805	-0.283705711	0.2837057	1.052202	2.764413709	10.798516
7	10.22179216	-0.323210225	0.3232102	1.050656	3.16197218	10.739583
8	10.17943755	-0.090539126	0.0905391	1.030836	0.889431523	10.493331
9	10.13708294	0.145515868	0.1455159	1.011417	1.435480691	10.252823
10	10.0960946	0.235663383	0.2356634	1.006615	2.333212911	10.162878
11	10.05373999	0.33187603	0.331876	0.982128	3.301020617	9.8740554
12	10.01275166	0.346330031	0.34633	0.994297	3.458889653	9.956452
13	9.970397042	0.419739323	0.4197393	1.029823	4.208955644	10.267743
14	9.928042429	0.49024695	0.4902469	1.078943	4.938002161	10.005808
15	9.88578665	0.404066137	0.4040661	0.971454	4.085691142	9.6074685
16	9.847432037	0.36231576	0.3623158	0.940278	3.679291809	9.2593225
17	9.806443701	0.107564248	0.1075642	0.978414	1.096873155	9.5947577
18	9.764089088	-0.070130722	0.0701307	1.052202	0.718251559	10.273792
19	9.723100753	-0.014876158	0.0148762	1.050656	0.152998086	10.21563
20	9.68074614	0.311143646	0.3111436	1.030836	3.214046127	9.9792619
21	9.638391527	0.347593853	0.3475939	1.011417	3.606347093	9.7484375
22	9.597403192	0.336883333	0.3368833	1.006615	3.510150887	9.6608882
23	9.555048579	0.630567441	0.6305674	0.982128	6.592446035	9.3642766
24	9.514060244	0.543300617	0.5433006	0.994297	5.710502171	9.459796
25	9.471075631	0.530014421	0.5300144	1.029823	5.595765347	9.754179
26	9.429351018	0.492829343	0.4928293	1.007843	5.226545732	9.5033054
27	9.391095238	0.583941965	0.583942	0.971454	6.324522859	9.123013
28	9.348740625	0.648304093	0.6483041	0.940278	6.93466766	8.790414
29	9.30775229	0.504049392	0.5040494	0.978414	5.415371796	9.1068312
30	9.265397677	0.523599497	0.5235995	1.052202	5.651128157	9.7490677
31	9.224409342	0.483815253	0.4838153	1.050656	5.244945617	9.6916768
32	9.182054729	0.615817781	0.6158178	1.030836	6.70675354	9.4651928
33	9.139700116	0.648542979	0.648543	1.011417	7.095899047	9.2440523
34	9.09871178	0.537546149	0.5375461	1.006615	5.907938882	9.1589861
35	9.056357167	0.209241439	0.2092414	0.982128	2.310437134	8.8944982
36	9.015368832	0.237403159	0.2374032	0.994297	2.633316106	8.9639508
37	8.973014219	0.154769129	0.1547691	1.029823	1.724828754	9.2406152
38	8.930659606	0.296968129	0.2969681	1.007843	3.325265351	9.0007028
39	8.891037549	0.270491431	0.2704914	0.971454	3.042293208	8.6372301
40	8.848682936	0.191197926	0.1911979	0.940278	2.160750109	8.3202208
41	8.8076946	0.084250674	0.0842507	0.978414	0.956557622	8.617568
42	8.765339987	0.073269111	0.0732691	1.052202	0.835895827	9.2229061
43	8.724351652	0.12726489	0.1272649	1.050656	1.458731782	9.1662884
44	8.681997039	-0.048228195	0.0482282	1.030836	0.555496555	8.9497154
45	8.639642426	-0.235595324	0.2355953	1.011417	2.726910592	8.7382852
46	8.598654091	-0.154510545	0.1545105	1.006615	1.796915458	8.6555326
47	8.556299478	-0.308896521	0.3088965	0.982128	3.610188277	8.4033778
48	8.515311143	-0.06712802	0.067128	0.994297	0.7883214	8.4667452
49	8.47295653	-0.024901728	0.0249017	1.029823	0.293896568	8.7256444
50	8.430601917	-0.195192217	0.1951922	1.007843	2.315282102	8.4967231
51	8.392346137	-0.260202436	0.2602024	0.971454	3.100473114	8.1527746
52	8.349991524	-0.267274518	0.2672745	0.940278	3.200895683	7.8513123
53	8.309003189	0.071910748	0.0719107	0.978414	0.865455775	8.1298415
54	8.26648576	0.06766485	0.0676648	1.052202	1.170564882	8.6381821
55	8.225660241	-0.040294406	0.0402944	1.050656	0.489862266	8.6423355
56	8.183305628	-0.51962317	0.5196232	1.030836	6.34979547	8.4356463
57	8.140951015	-0.824486479	0.8244865	1.011417	10.12764329	8.2339
58	8.099962679	-0.40562055	0.4056205	1.006615	5.562520136	8.1535424
59	8.057608066	-0.930224523	0.9302245	0.982128	11.54467325	7.9135992
60	8.016619731	-1.177614346	1.1776143	0.994297	14.68966205	7.970898
		-2.07242E-16	0.4201567		4.489846607	
			MAD	Season Index	MAPE	
			Before Prediction			
			Adjust by Seasonal Index			

