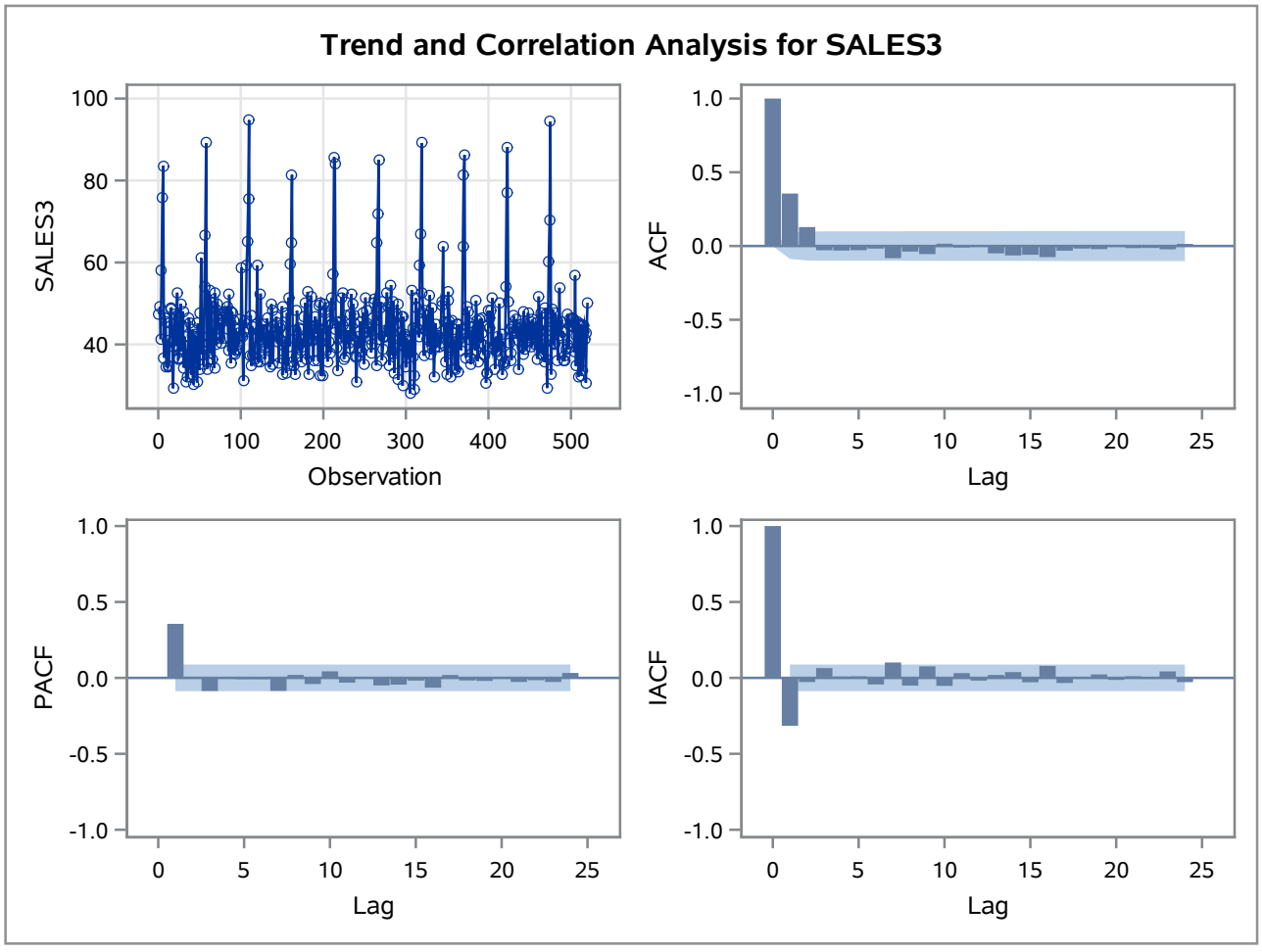
Name of Variable = SALES3	
Mean of Working Series	43.99515
Standard Deviation	9.676915
Number of Observations	520

Autocorrelation Check for White Noise									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	76.38	6	<.0001	0.356	0.128	-0.029	-0.031	-0.028	-0.017
12	82.47	12	<.0001	-0.082	-0.038	-0.055	0.015	-0.010	-0.002
18	91.60	18	<.0001	-0.050	-0.064	-0.059	-0.075	-0.031	-0.017
24	92.44	24	<.0001	-0.021	0.002	-0.014	-0.013	-0.022	0.014



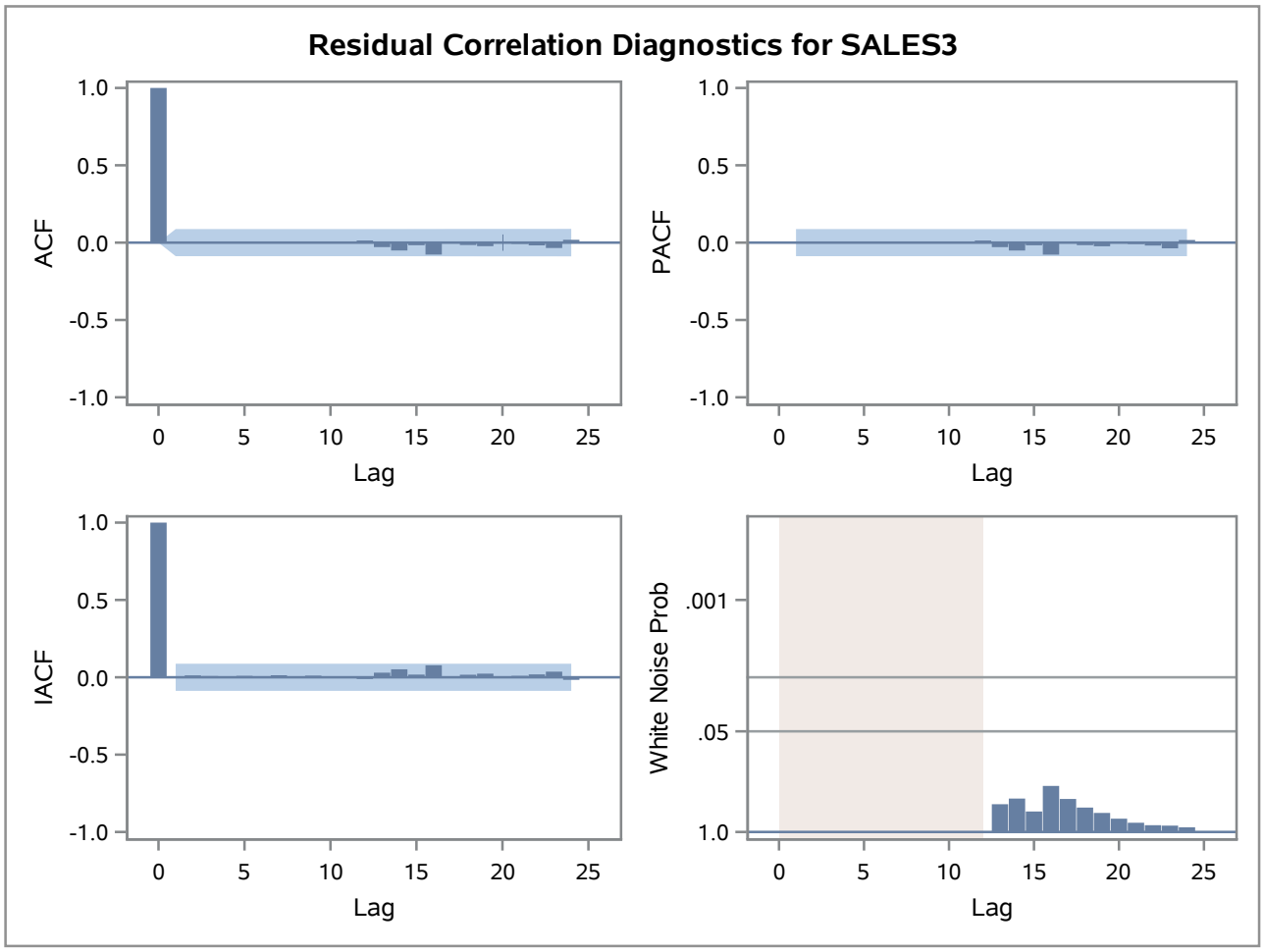
Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag
MU	43.99444	0.51049	86.18	<.0001	0
AR1,1	0.36109	0.04444	8.13	<.0001	1
AR1,2	0.02387	0.04724	0.51	0.6134	2
AR1,3	-0.08422	0.04724	-1.78	0.0746	3

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag
AR1,4	-0.0008850	0.04733	-0.02	0.9851	4
AR1,5	0.0003116	0.04734	0.01	0.9947	5
AR1,6	0.01944	0.04717	0.41	0.6803	6
AR1,7	-0.09309	0.04717	-1.97	0.0484	7
AR1,8	0.03103	0.04743	0.65	0.5129	8
AR1,9	-0.05728	0.04755	-1.20	0.2284	9
AR1,10	0.05537	0.04745	1.17	0.2433	10
AR1,11	-0.03103	0.04753	-0.65	0.5139	11
AR1,12	-0.0039202	0.04476	-0.09	0.9302	12

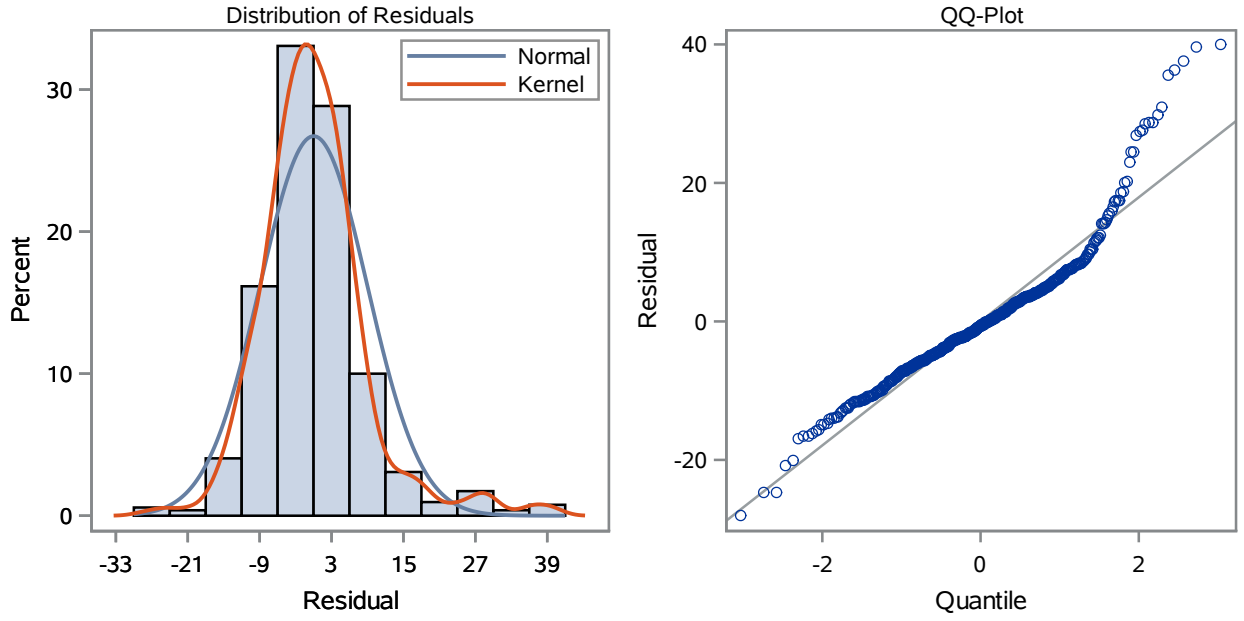
Constant Estimate	34.28489
Variance Estimate	82.1298
Std Error Estimate	9.062549
AIC	3781.116
SBC	3836.415
Number of Residuals	520

Correlations of Parameter Estimates													
Parameter	MU	AR1,1	AR1,2	AR1,3	AR1,4	AR1,5	AR1,6	AR1,7	AR1,8	AR1,9	AR1,10	AR1,11	AR1,12
MU	1.000	0.002	0.002	-0.002	-0.002	-0.001	0.001	-0.002	-0.001	-0.003	-0.002	-0.001	-0.006
AR1,1	0.002	1.000	-0.339	-0.025	0.079	0.003	0.002	-0.021	0.092	-0.035	0.056	-0.051	0.031
AR1,2	0.002	-0.339	1.000	-0.310	-0.052	0.075	0.000	0.007	-0.051	0.096	-0.051	0.070	-0.052
AR1,3	-0.002	-0.025	-0.310	1.000	-0.308	-0.053	0.080	-0.000	0.002	-0.043	0.096	-0.052	0.059
AR1,4	-0.002	0.079	-0.052	-0.308	1.000	-0.307	-0.060	0.081	0.009	-0.002	-0.044	0.094	-0.032
AR1,5	-0.001	0.003	0.075	-0.053	-0.307	1.000	-0.304	-0.060	0.079	0.008	0.002	-0.045	0.087
AR1,6	0.001	0.002	0.000	0.080	-0.060	-0.304	1.000	-0.304	-0.061	0.080	0.001	0.003	-0.016
AR1,7	-0.002	-0.021	0.007	-0.000	0.081	-0.060	-0.304	1.000	-0.306	-0.056	0.079	0.000	0.001
AR1,8	-0.001	0.092	-0.051	0.002	0.009	0.079	-0.061	-0.306	1.000	-0.310	-0.050	0.075	0.001
AR1,9	-0.003	-0.035	0.096	-0.043	-0.002	0.008	0.080	-0.056	-0.310	1.000	-0.312	-0.051	0.083
AR1,10	-0.002	0.056	-0.051	0.096	-0.044	0.002	0.001	0.079	-0.050	-0.312	1.000	-0.313	-0.023
AR1,11	-0.001	-0.051	0.070	-0.052	0.094	-0.045	0.003	0.000	0.075	-0.051	-0.313	1.000	-0.343
AR1,12	-0.006	0.031	-0.052	0.059	-0.032	0.087	-0.016	0.001	0.001	0.083	-0.023	-0.343	1.000

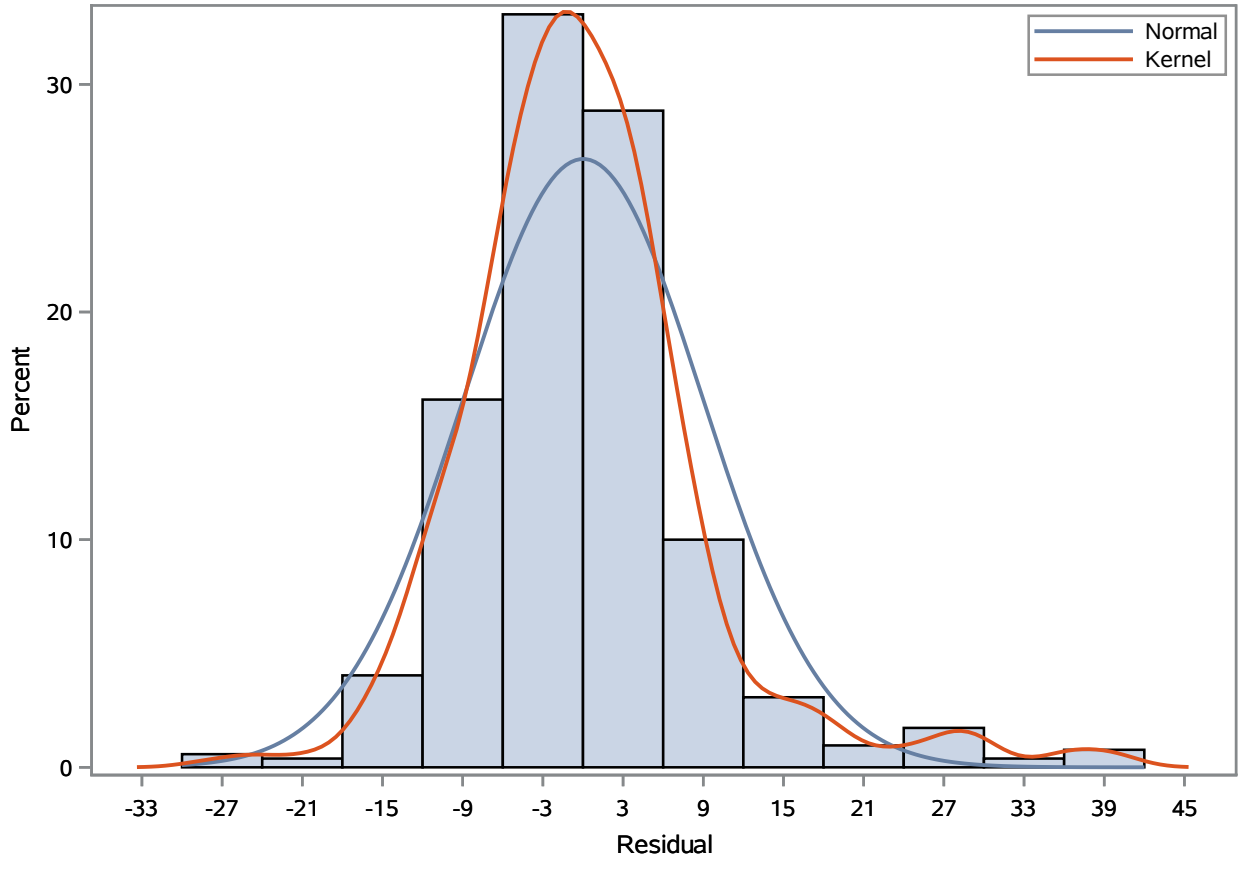
Autocorrelation Check of Residuals									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	.	0	.	0.000	-0.002	0.001	-0.001	-0.003	-0.002
12	.	0	.	-0.005	0.001	-0.005	-0.005	-0.004	0.014
18	5.48	6	0.4837	-0.029	-0.051	-0.017	-0.077	0.005	-0.015
24	6.82	12	0.8696	-0.023	-0.000	-0.008	-0.018	-0.035	0.018
30	11.12	18	0.8893	0.012	-0.047	-0.065	0.011	-0.033	0.001
36	15.41	24	0.9081	-0.041	0.028	-0.036	-0.028	-0.031	-0.047
42	20.39	30	0.9059	-0.053	0.007	-0.064	-0.043	-0.009	0.007
48	23.03	36	0.9538	-0.016	-0.051	-0.033	-0.010	-0.017	0.015

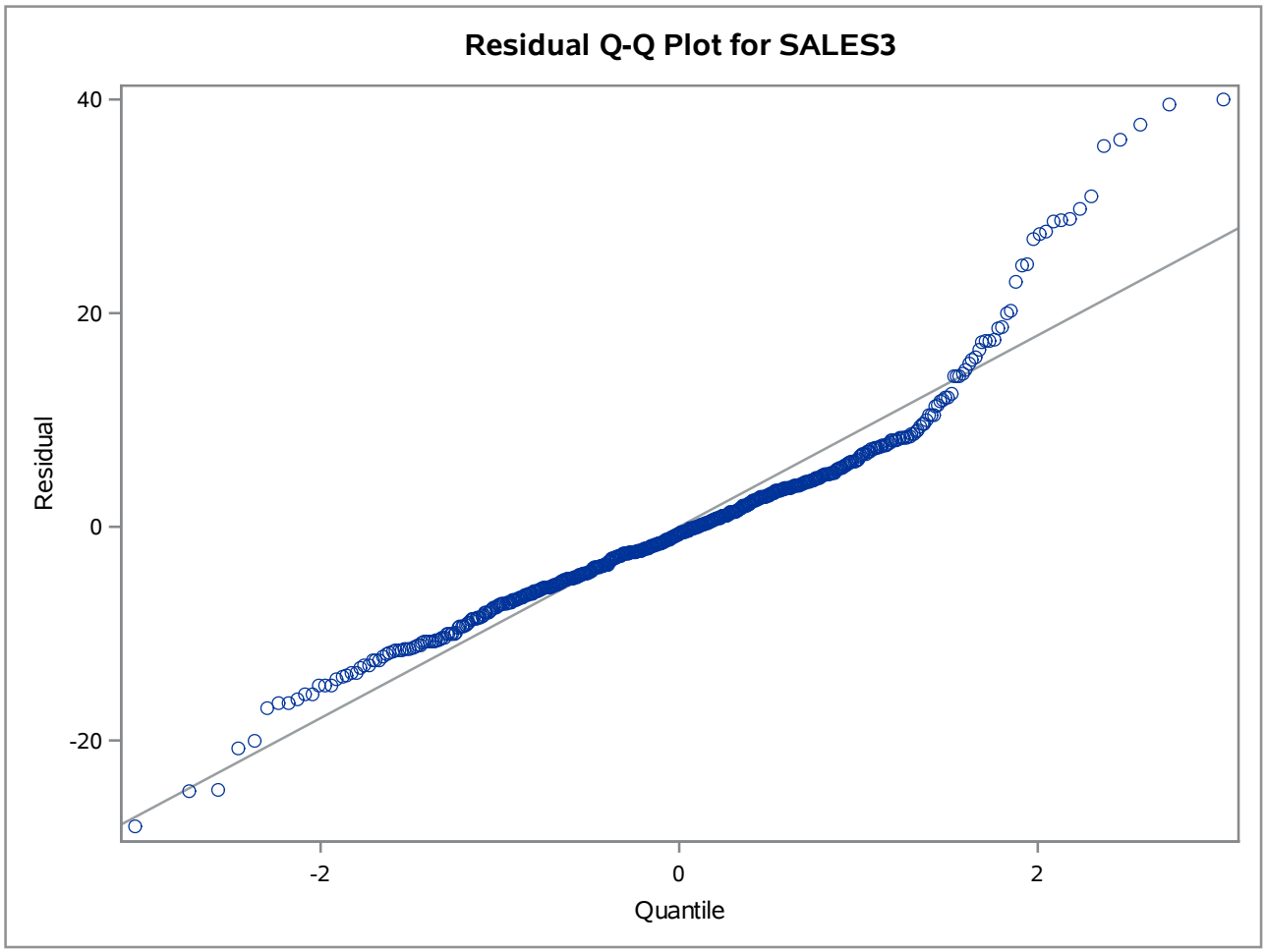


Residual Normality Diagnostics for SALES3



Distribution of Residuals for SALES3





Model for variable SALES3	
Estimated Mean	43.99444

Autoregressive Factors	
Factor 1:	1 - 0.36109 B**(1) - 0.02387 B**(2) + 0.08422 B**(3) + 0.00088 B**(4) - 0.00031 B**(5) - 0.01944 B**(6) + 0.09309 B**(7) - 0.03103 B**(8) + 0.05728 B**(9) - 0.05537 B**(10) + 0.03103 B**(11) + 0.00392 B**(12)

Warning: Unless PRINTALL is specified along with the options given in the current FORECAST statement, the FORECAST statement will do nothing.

Outlier Detection Summary	
Maximum number searched	5
Number found	5
Significance used	0.05

Outlier Details				
Obs	**Type**	**Estimate**	**Chi-Square**	**Approx Prob>ChiSq**
475	Additive	43.55002	44.92	<.0001
110	Additive	41.15939	41.54	<.0001
58	Additive	40.76818	42.08	<.0001
319	Additive	33.07207	27.69	<.0001
267	Additive	31.04137	24.57	<.0001