

Work Performance Information

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### **Work Performance Information**

Before you can effectively report on scope you must first have completed a scope management plan. The purpose of the scope management plan is to ensure that there are processes and procedures in place to create, maintain, and control project scope (Dow & Taylor, 2008). Managing and controlling the project's scope is one of the project manager's most important tasks and therefore having a tool such as a scope management plan can help guide and benefit the project manager tremendously (Dow & Taylor, 2008). Once this is complete you can decide how you will effectively communicate and report scope throughout our project. One method for scope reporting is to progressively elaborate throughout the project lifecycle (PMBOK Guide, 2013).

A great way to report scope is by providing the project stakeholders work performance information (WPI). Work performance information produced includes correlated and contextualized information on how the project scope is performing compared to the scope baseline. (PMBOK Guide, 2013). By providing this information the stakeholders can see categories of the changes received, scope variances and their causes, impact on schedule or cost and the forecast of future scope performance (PMBOK Guide, 2013). See Figure I. for an example template of a WPI in the form of a forecast from a Case Study I completed in MGMT 524 Management Science.

Figure I.

The Glass Slipper restaurant													
Forecasting		Multiplicative decomposition											
12 seasons	This spreadsheet was created by either POM, QM or POM-QM for Windows, V4.												
Data													
Period	Demand (y)	Time (x)		Average	Ratio	Seasonal	Smoothed	Unadjusted	Adjusted	Error	Error	Error^2	% Error
January	438	1				1.444452	303.2292	295.3847	426.6689	11.3311	11.3311	128.3939	0.02587
February	420	2				1.390529	302.0433	296.2451	411.9375	8.062548	8.062548	65.00468	0.019197
March	414	3				1.37712	300.6274	297.1056	409.1501	4.849903	4.849903	23.52156	0.011715
April	318	4				1.071907	296.6676	297.966	319.3918	-1.39181	1.39181	1.937136	0.004377
May	306	5				1.037152	295.0388	298.8265	309.9285	-3.92845	3.928453	15.43274	0.012838
June	240	6				0.795405	301.733	299.687	238.3726	1.627396	1.627396	2.648417	0.006781
July	240	7	300	300.25	0.799334	0.812066	295.5425	300.5474	244.0643	-4.06431	4.064313	16.51864	0.016935
August	216	8	300.5	300.7083	0.718304	0.718878	300.4683	301.4079	216.6754	-0.67544	0.675438	0.456216	0.003127
September	198	9	300.9167	301.2917	0.657171	0.666251	297.1853	302.2684	201.3866	-3.38662	3.38662	11.4692	0.017104
October	225	10	301.6667	302.2083	0.74452	0.746007	301.6059	303.1288	226.1361	-1.1361	1.136096	1.290715	0.005049
November	270	11	302.75	303.25	0.890354	0.889918	303.3988	303.9893	270.5255	-0.52552	0.525521	0.276172	0.001946
December	315	12	303.75	303.9583	1.036326	1.031788	305.2953	304.8497	314.5403	0.459686	0.459686	0.211311	0.001459
January	444	13	304.1667	304.7917	1.456733	1.444452	307.3831	305.7102	441.5837	2.416346	2.416346	5.838726	0.005442
February	425	14	305.4167	305.7083	1.390214	1.390529	305.6391	306.5707	426.2954	-1.29543	1.29543	1.678139	0.003048
March	423	15	306	306.5	1.380098	1.37712	307.1627	307.4311	423.3696	-0.36962	0.36962	0.136619	0.000874
April	331	16	307	307.3333	1.077007	1.071907	308.7955	308.2916	330.4598	0.540163	0.540163	0.291776	0.001632
May	318	17	307.6667	308	1.032468	1.037152	306.6089	309.1521	320.6376	-2.63762	2.637616	6.957016	0.008294
June	245	18	308.3333	308.625	0.793844	0.795405	308.0191	310.0125	246.5856	-1.5856	1.585601	2.514132	0.006472
July	255	19	308.9167	309.1667	0.824798	0.812066	314.0139	310.873	252.4493	2.55066	2.55066	6.505866	0.010003
August	223	20	309.4167	309.9583	0.719452	0.718878	310.2057	311.7334	224.0982	-1.09825	1.098246	1.206145	0.004925
September	210	21	310.5	310.9583	0.675332	0.666251	315.1965	312.5939	208.266	1.733971	1.733971	3.006655	0.008257
October	233	22	311.4167	311.7083	0.747494	0.746007	312.3297	313.4544	233.839	-0.83902	0.839025	0.703962	0.003601
November	278	23	312	312.5417	0.889481	0.889918	312.3884	314.3148	279.7144	-1.71441	1.714413	2.939213	0.006167
December	322	24	313.0833	313.4583	1.02725	1.031788	312.0796	315.1753	325.1941	-3.19409	3.194093	10.20223	0.00992
January	450	25	313.8333	314.2083	1.432171	1.444452	311.5369	316.0358	456.4984	-6.49841	6.498414	42.22938	0.014441
February	438	26	314.5833	314.9167	1.390844	1.390529	314.988	316.8962	440.6534	-2.65341	2.653407	7.040571	0.006058
March	434	27	315.25	315.8333	1.374142	1.37712	315.1504	317.7567	437.5891	-3.58914	3.589144	12.88195	0.00827
April	338	28	316.4167	316.8333	1.066807	1.071907	315.3259	318.6171	341.5279	-3.52786	3.527864	12.44582	0.010437
May	331	29	317.25	317.7083	1.041836	1.037152	319.1433	319.4776	331.3468	-0.34678	0.346779	0.120255	0.001048
June	254	30	318.1667	318.7083	0.796967	0.795405	319.3341	320.3381	254.7986	-0.7986	0.798599	0.63776	0.003144
July	264	31	319.25			0.812066	325.0968	321.1985	260.8344	3.165633	3.165633	10.02123	0.011991
August	231	32				0.718878	321.3342	322.059	231.5211	-0.52105	0.521055	0.271498	0.002256
September	224	33				0.666251	336.2096	322.9195	215.1454	8.854562	8.854562	78.40327	0.039529
October	243	34				0.746007	325.7344	323.7799	241.542	1.458047	1.458047	2.125901	0.006
November	289	35				0.889918	324.749	324.6404	288.9033	0.096694	0.096694	0.00935	0.000335
December	335	36				1.031788	324.6791	325.5008	335.8479	-0.84787	0.847872	0.718887	0.002531
Total									0.521283	93.77214	476.0471	0.301072	
Average									0.01448	2.604782	13.22353	0.008363	
Intercept									0.01448	2.604782	13.22353	0.008363	
Slope									0.860463				
Bias													
MAD													
MSE													
MAPE													
SE													
Ratios													
	Season 1	Season 2	Season 3	Season 4	Season 5	Season 6	Season 7	Season 8	Season 9	Season 10	Season 11	Season 12	
							0.799334	0.718304	0.657171	0.744452	0.890354	1.036326	
	1.45673274	1.390214	1.380098	1.077007	1.032468	0.793844	0.824798	0.719452	0.675332	0.747494	0.889481	1.02725	
	1.4321708	1.390844	1.374142	1.066807	1.041836	0.796967							
Average	1.44445177	1.390529	1.37712	1.071907	1.037152	0.795405	0.812066	0.718878	0.666251	0.746007	0.889918	1.031788	

## WORK PERFORMANCE INFORMATION

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Period	Unadjusted	Seasonal	Adjusted
37	326.361311	1.444452	471.4132
38	327.221773	1.390529	455.0114
39	328.082236	1.37712	451.8087
40	328.942698	1.071907	352.5959
41	329.803161	1.037152	342.0559
42	330.663623	0.795405	263.0116
43	331.524086	0.812066	269.2194
44	332.384548	0.718878	238.9439
45	333.245011	0.666251	222.0248
46	334.105473	0.746007	249.2449
47	334.965936	0.889918	298.0922
48	335.826398	1.031788	346.5017

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