



## Report Summary

Printed Report Title: Production Cost Analysis by Process

This report looks at the planned material consumption vs. the actual material consumption to produce products. It's based on the yield of the quantity actually produced and so the numbers may appear to be incorrect when you do not make the exact quantity planned on the PdO.

Plan Quantity:

The quantity of material needed to make the units that were actually produced. (BoM Qty / Unit x Units actually produced )

This may be different from the original planned quantity that shows on the PdO if you did not make the same number of units the PdO was created for.

Actual Quantity

The material actually consumed to make the finished units that were actually produced.

Example:

To produce (1) P0001 the BoM requires (1) C0001 component.

We make a Pdo for (10) units of P0001, which will require (10) C0001 components.

But...We were only able to produce (9) P0001, but we still used (10) C0001.

The report would show:

Plan Qty = 9     We "planned" 9 components to make the 9 units that were actually produced.

Actual Qty = 10     We actually issued 10 components

Variance = (1)     Unfavorable variance of 1 unit more then we should have needed to make 9 produced



## Default Location In Orchestrated

Base Module: Production > Production Reports > Orchestrated Reports

Reports Module: Reports > Production > Orchestrated Reports

*\*These are the standard default locations. Your locations may be different.*

## Typically Used by

Cost Accountants and Production Management would use this to review cost variances

## Key Requirements

Beverage items must be assigned to a Brand

## Parameter Entry Options

### Required:

Process Types

Starting and Ending Dates

### Optional:

Brand(s)



## Parameter Entry Image

The image shows a software dialog box titled "Production Cost Analysis by Process- Selection Criteria". It contains several input fields and checkboxes. The "Starting:" field is a yellow text box. The "Ending:" field is a white text box. The "Select Process Type(s):" label is followed by a checkbox and a yellow button with three dots. Below these is a section header "Optional Parameters". Under this header, "Select Brand(s)" is followed by a checkbox and a yellow button with three dots. "Component Item Group(s)" is followed by a checkbox and a yellow button with three dots. At the bottom are two yellow buttons labeled "OK" and "Cancel".

Production Cost Analysis by Process- Selection Criteria

Starting:

Ending:

Select Process Type(s): ☐

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Optional Parameters

Select Brand(s) ☐

Component Item Group(s) ☐



## Report Sample Image

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5/30/2017

**Production Cost Analysis by Process**

1 - Brewing: 1/1/2015 - 12/31/2015

**BRAND Pilsner(1008)**

Item Group	Component Item	Quantity			Costs		
		Plan	Actual	Variance	Actual	Variance	
RM: Malt	Malt 2-Row Bulk (W1008)	14,400.00	14,450.00	(50.00)	\$ 11,724.63	\$ (40.72)	
	Malt Caramunich (W1008)	960.00	960.00	-	\$ 684.60	\$ -	
	Malt Caravelle (W1008)	600.00	600.00	-	\$ 596.20	\$ -	
	Malt Munich Type1 (W1008)	1,440.00	1,440.00	-	\$ 907.17	\$ -	
	Malt Special B (W1008)	900.00	900.00	-	\$ 557.97	\$ -	
RM: Malt Total				(50.00)	\$ 14,472.57	\$ (40.72)	
RM: Hops	Hops - German Tradition (W1008)	360.00	336.00	24.00	\$ 2,037.51	\$ 159.60	
	Hops - Sterling (W1008)	180.00	184.00	(4.00)	\$ 1,637.60	\$ (35.60)	
RM: Hops Total				20.00	\$ 3,675.11	\$ 124.00	
Pilsner Total					\$ 18,147.68	\$ 83.28	

**BRAND Portlandia Porter(1005)**

Item Group	Component Item	Quantity			Costs		
		Plan	Actual	Variance	Actual	Variance	
RM: Malt	Malt 2-Row Bulk (W1005)	1,000.00	1,000.00	-	\$ 800.25	\$ -	
	Malt Black (W1005)	50.00	50.00	-	\$ 29.75	\$ -	
	Malt Chocolate (W1005)	150.00	150.00	-	\$ 119.97	\$ -	
	Malt C-70-80 (W1005)	100.00	100.00	-	\$ 71.12	\$ -	
RM: Malt Total				-	\$ 1,021.09	\$ -	
RM: Hops	Hops - Centennial (W1005)	25.00	25.00	-	\$ 141.25	\$ -	
	Hops - Willamette (W1005)	20.00	20.00	-	\$ 111.80	\$ -	
RM: Hops Total				-	\$ 253.05	\$ -	
Portlandia Porter Total					\$ 1,274.14	\$ -	

**BRAND Pumpkin(1014)**

Item Group	Component Item	Quantity			Costs		
		Plan	Actual	Variance	Actual	Variance	
RM: Malt	Malt 2-Row Bulk (W1014)	57,177.00	57,116.00	61.00	\$ 45,915.76	\$ 48.78	
	Malt Carastan (W1014)	3,663.00	3,657.00	6.00	\$ 2,691.51	\$ 4.99	
	Malt C-50-60 (W1014)	1,503.00	1,500.00	3.00	\$ 1,275.00	\$ 2.55	
	Malt Wheat supersack (W1014)	792.00	792.00	-	\$ 789.63	\$ -	
RM: Malt Total				70.00	\$ 50,671.92	\$ 56.32	
RM: Hops	Hops - Cascade (W1014)	262.96	318.50	(35.54)	\$ 1,792.17	\$ (175.24)	
	Hops - Chinook (W1014)	245.79	245.00	0.79	\$ 1,359.75	\$ 4.38	
RM: Hops Total				(34.75)	\$ 3,151.92	\$ (170.86)	
Pumpkin Total					\$ 53,823.84	\$ (114.54)	

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