



Modeling Cash Sweep

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- Historic data – one feed rule
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Remember to have the iteration setting turned OFF before starting

1	Input historical data for income statement and balance sheet
2	Calculate ratios and statistics
3	Decide on forecast assumptions
4	Build the forecast income statement except for interest
5	Build the forecast balance sheet except for cash, revolver and debt
6	Build the cash flow statement using the rules of cash
7	Plug cash into the balance sheet from the cash flow statement
8	Build the debt and interest calculations
9	Plug revolver and long term debt into the balance sheet
10	Link the interest into the income statement and deal with any circular reference



Debt Calculations

	Debt calculations
	Operating cash flow
+	Investing cash flow
-	Dividends
=	CASHFLOW for debt service
+	Beginning cash and cash equivalents
=	CASH available for debt service
-	Debt repayments
=	Cash surplus / (revolver requirement)

Revolver – Detail

	Act.	Est.	Est.	
Cash available to service debt		2,000.0	1,200.0	
Total mandatory debt repayments		(1,225.0)	(1,500.0)	From debt calculations
Surplus cash / (revolver requirement)		775.0	(300.0)	After mandatory repayments
Beginning revolver		2,000.0	1,225.0	From prior ending balance
Revolver issuance (repayment)		(775.0)	300.0	Surplus cash drives a repayment up to the level of beginning balance Revolver requirement drives an issuance
Ending revolver	2,000.0	1,225.0	1,525.0	

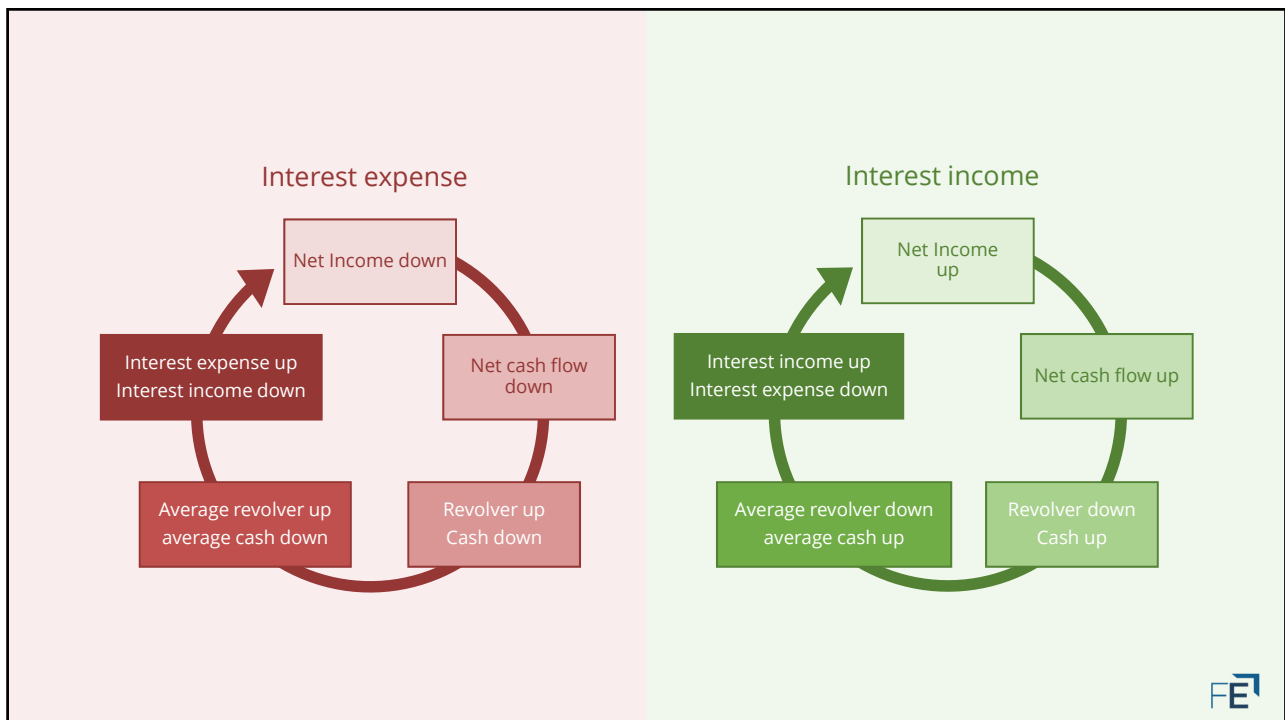
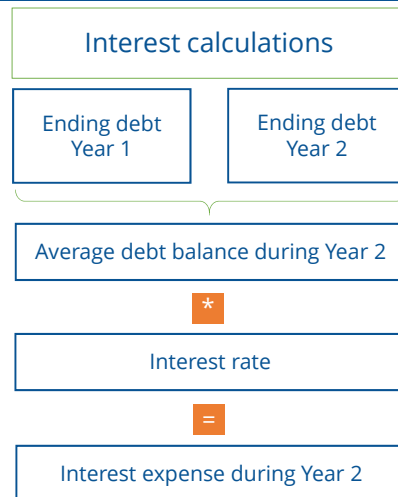
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Cash Sweep – Mandated and Accelerated Payments

	Act.	Est.	Est.	
Cash available for accelerated repayments		275.0	600.0	After revolver issuance / (repayment) AND mandatory repayments
Beginning notes A		1,000.0	325.0	From prior ending balance
Mandatory repayment		(400.0)	(325.0)	Per loan documentation up to the level of beginning balance
Accelerated repayment		(275.0)	0.0	Lesser of amount owed and cash available for accelerated repayments
Ending notes A	1,000.0	325.0	0.0	
Cash available for accelerated repayments		0.0	600.0	After revolver issuance / (repayment) mandatory repayments AND accelerated repayments on A notes
Beginning notes B		850.0	850.0	From prior ending balance
Mandatory repayment		0.0	0.0	Per loan documentation up to the level of beginning balance
Accelerated repayment		0.0	(600.0)	Lesser of amount owed and cash available for accelerated repayments
Ending notes B	850.0	850.0	250.0	

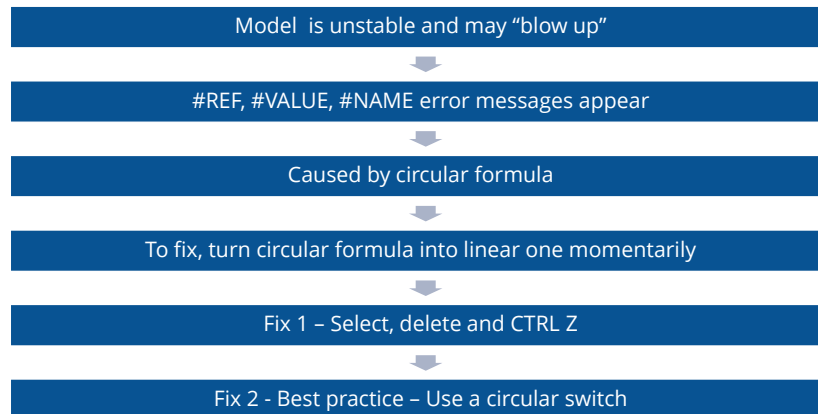
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Interest Calculations



Interest and Circular References

Circular references



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Prepare for Handoff

- Check that the output looks reasonable based on assumptions
- Ensure consistency of formatting: formulas black, hard numbers blue
- Is the layout intuitive?
- Are complex calculations broken down into steps?
- Is the model documented where necessary?
- Is the circular switch ON, is iteration ON
- Is the model beauty saved? (Ctrl + Home on every sheet)



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