Know Your Numbers: Five Keys to Using Financial Statements

A workshop to help existing business owners improve financial planning

Program Workbook

Program Presented by:

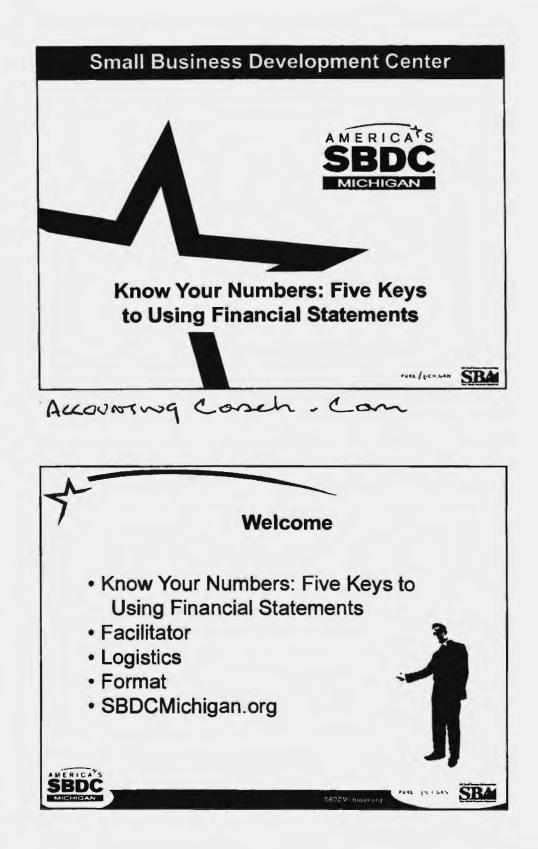


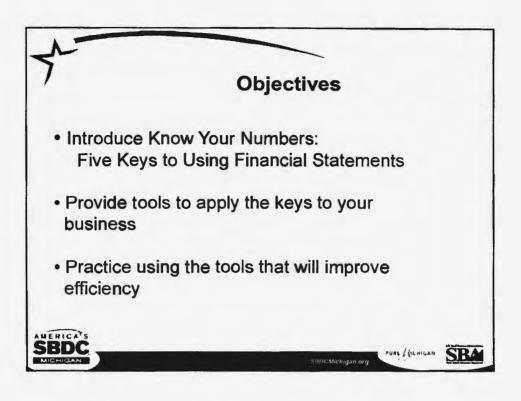


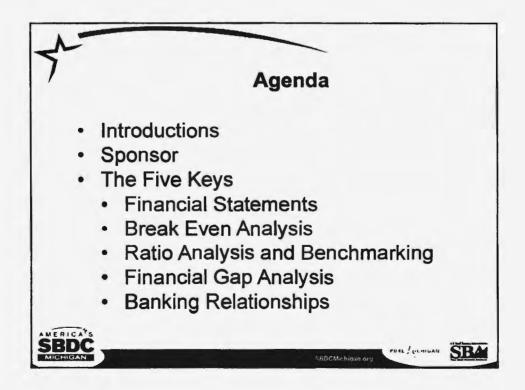


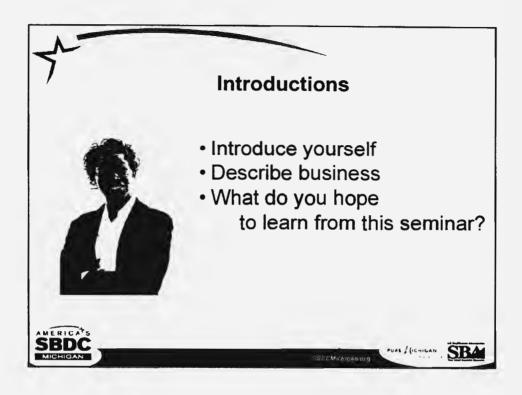
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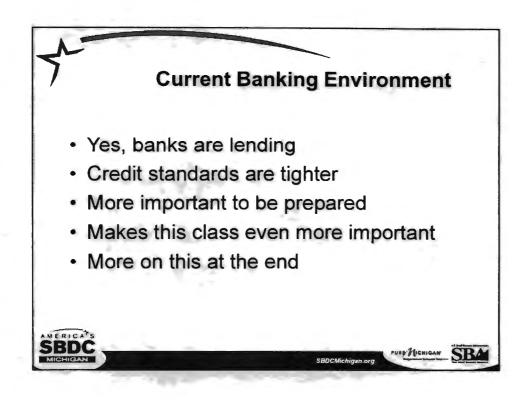


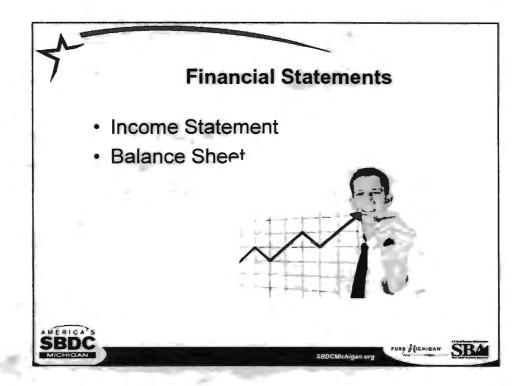


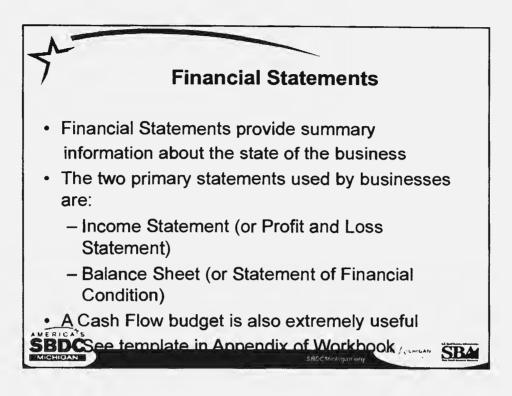


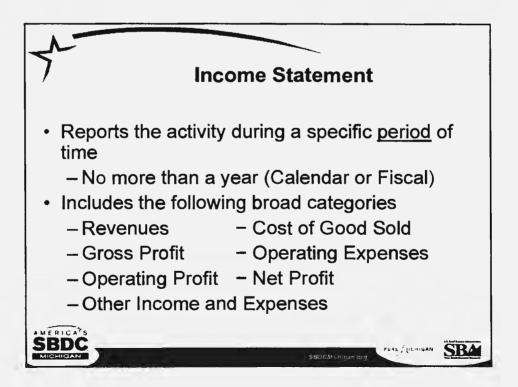








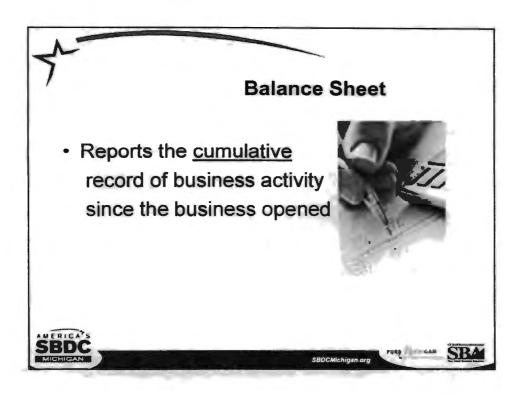


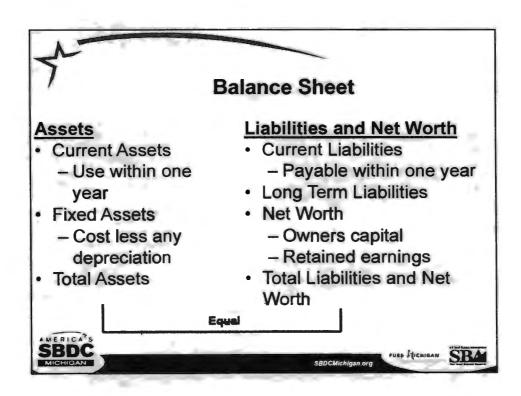


Wholesale/Distributor Sample File Profit & Loss January through December

	Jan - De	HC
Ordinary income/Expense		
income		
Ravanue	823,619.06	
Total income	823,619.06	100.0%
Cost of Goods Sold		
Direct Labor	44,410.00	5.4%
Freight in	3.620.00	0.4%
Purchases (Cost of Goods)	359,923.50	43.7%
Total COGS	407,953,50	the second se
1048 0008	407,952,30	49.5%
Gross Profit	415,665.36	50.5%
Ехронно		
Advertising Expense	4,000.00	0.5%
Business License & Fees	1,420.46	0.2%
Car/Treck Expense	22,699.74	2.6%
Conferences and Seminars	9,400.00	1.1%
Contributions	5,000.00	0.6%
Depreciation Expense	1,545.05	0.2%
Dues and Subscriptions	3.800.00	0.5%
indu fanco	33,378,16	4.1%
Mainte cance/.lanitestat	5,683.90	0.7%
Similating Expense	14.964.00	1.8%
Nazie and Exteriolnment	2,752.70	0.3%
Office Equipment	2,200.00	6.3%
Packaging Materiale	3,505.00	
Postage and Delivery		0.4%
- /	2,196.00	0.3%
Professional Fees	9,346.45	1.1%
Pranolional Expense	4,042.00	0.5%
Runt	19,010.00	2.3%
Repaire	780.00	0.1%
Sales Commiseion (outside reps)	7,961.60	1.0%
Suppline	12,398.72	1.5%
Telaphone	8,006.88	1.0%
Travel	6,904.46	0.8%
Littline:	1,003.18	0.1%
Wages	196,349.05	23.8%
Total Expense	378,668.42	46.0%
·		
Not Operating Income	36,997.14	4.5%
Other IncomelExpense		
Other Expense		
Interest Expense	4,592.90	0.6%
Total Other Expense	4,592.90	0.6%
·		
Net Other Income	-4,592.90	-0.6%
		-40.034
Net income	32,404.24	3.9%
		3.976



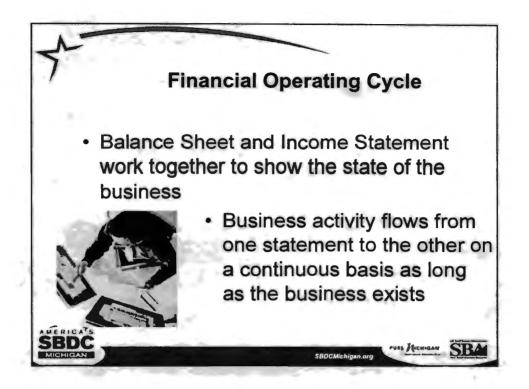


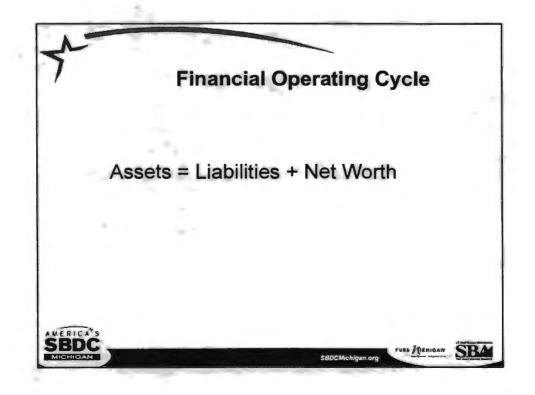


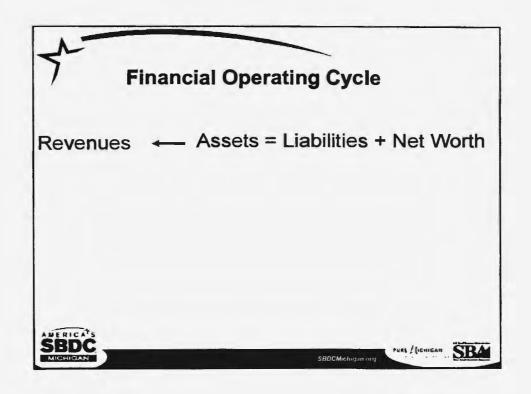
Wholesale/Distributor Sample File Balance Sheet As of December 31

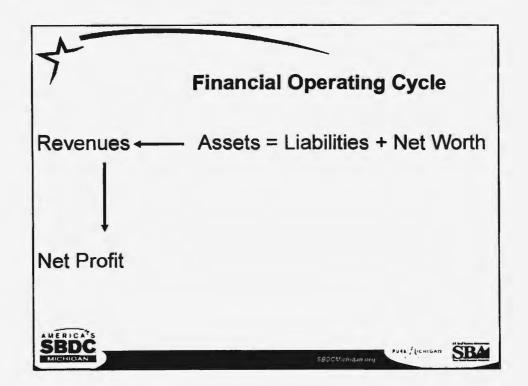
Dec 31, 11

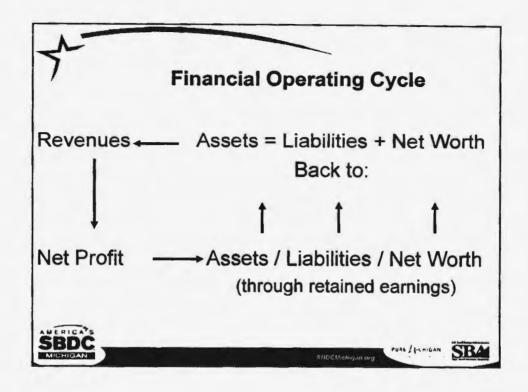
ASSETS		LIABILITIES & EQUITY	
Current Asaets		Liapinhes	
Checking/Saninge		Current Lisbitities	
Company Checking Account	30,154.32	Accounts Payable	
Company Savings Assount	10,006.00	Accounts Payable	71,697,30
Publy Clash Account	520.00	Tetal Accounts Payable	71,697,30
Total Checking Sarings	40,654.32	Gredit Carde	
Apreunia Receivable		Quict Books Credit Card	1,249.12
Accounts Receivable	\$7,333.DB	Total Credit Cards	1,249.12
Total Accounts Receivable	\$7,333.05	Other Current Lisbilitie	
Diter Current Aseste		Customer Deposite	500.40
Inventory ApenA	116,921.08	Eine of Gradi	135,618.96
Propalda	830.00	Pryrell Ustilla	2.923.72
Security Deposits	1,231.00	Yetal Other Current Lisbilities	139,041.16
Total Other Current Assolu	118,921.05	Total Current Lighting	211,968.22
Tiotal Cernant Assats	205.904.48	Total Lichildos	211,968,22
Fixed Assess		Equity	
Automobiles & Treaks	45,532.00		
Computer & Othos Equipment	19,453.00	Paid in Capital	24,324,80
Mushinery & Equipment	\$0,953.00	Retainet Earnings	103,316,18
Assurabled Dependation	-903.04	Nst income	32,404.24
Total Pixed Assets	115,124.96	Total Equity	160,045.19
TOTAL ASSETS	572,033.41	TOTAL UABLINES & COULTY	572. 6 53.41

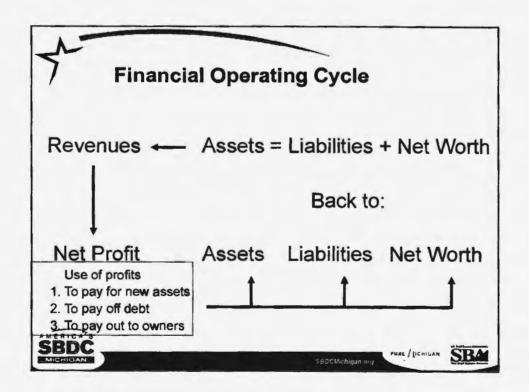


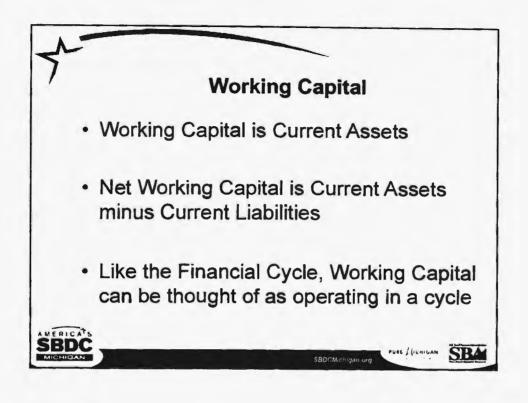


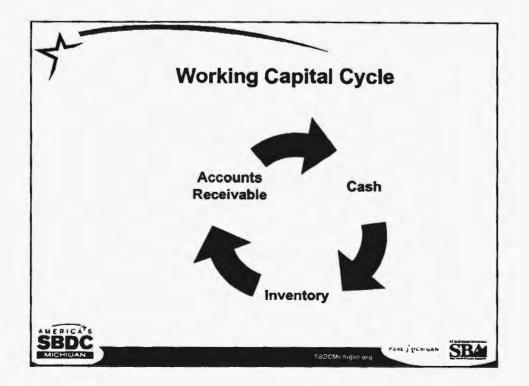


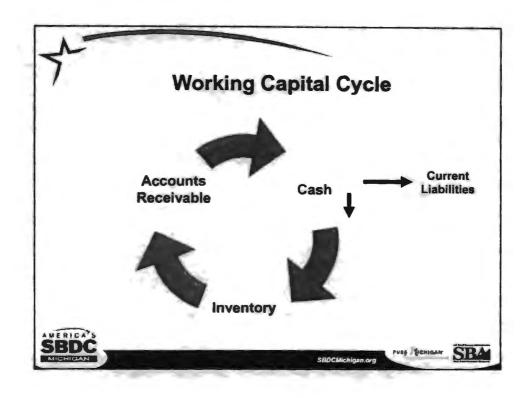


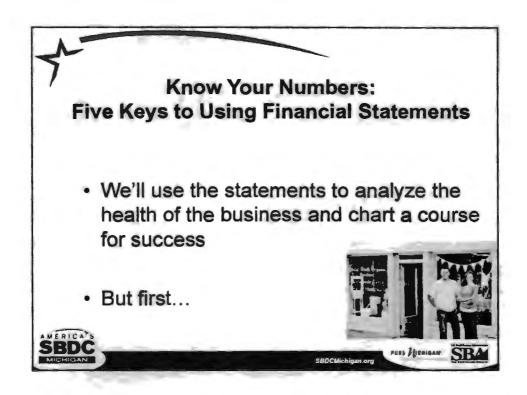


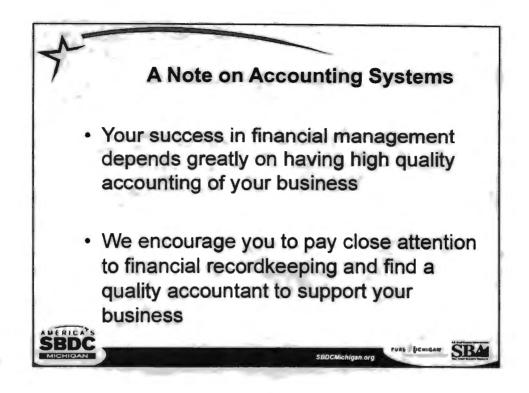


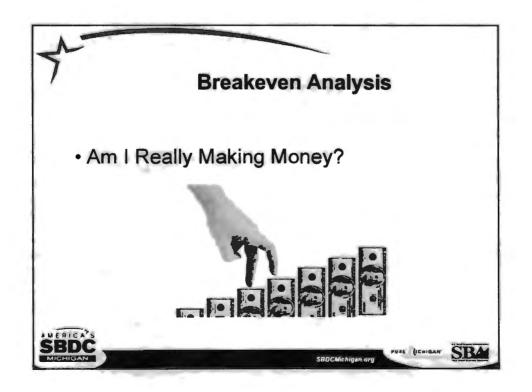


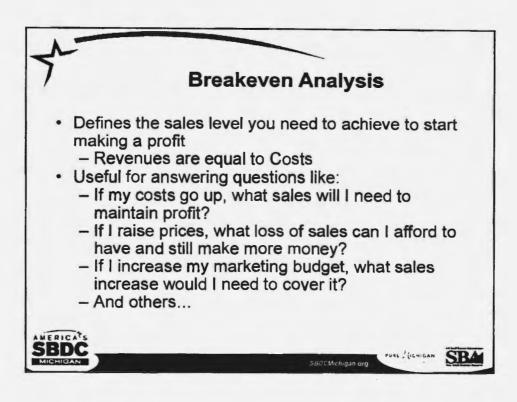


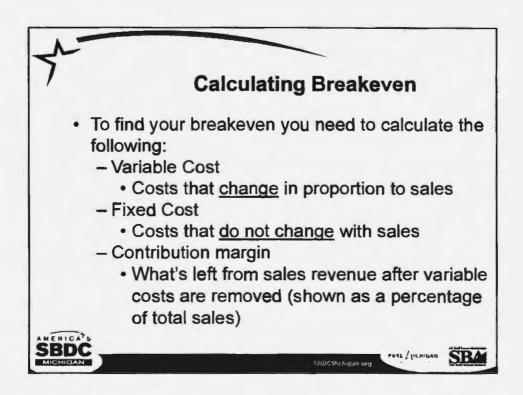


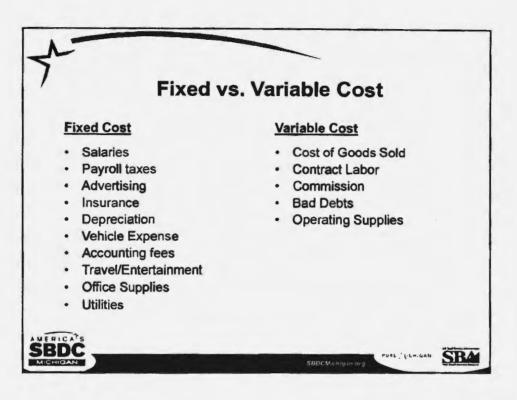


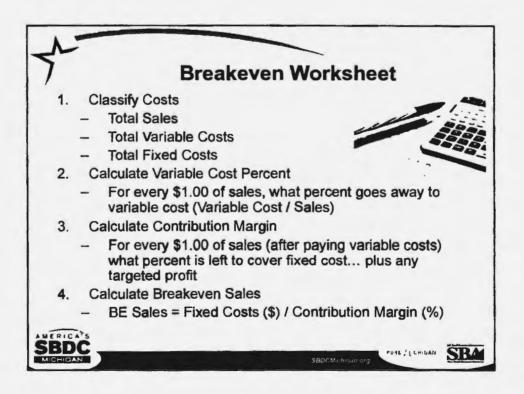












Wholesale - Distributor Breakeven Analysis

	Jan - Dec		Variable Cost	Fixed Cost	Notes
Ordinary Income/Expense					
Income					
Revenue	823,619.06				
Total Income	823,619.06	100.0%			
Cost of Goods Sold					
Direct Labor	44,410.00	5.4%	44,410		
Freight In	3,620.00	0.4%	3,620		
Purchases (Cost of Goods)	359,923.50	43.7%	359,924		
Total COGS	407,953.50	49.5%			
Gross Profit	415.665.56	50.5%			
Expense	-				
Advertising Expense	4,000.00	0.5%		4,000	
Business License & Fees	1,420.46	0.2%		1,420	
Car/Truck Expense	22,699.74	2.8%	22,700		
Conferences and Seminars	9,400.00	1.1%		9,400	
Contributions	5,000.00	0.6%		5,000	
Depreciation Expense	1,846.08	0.2%			Non-cash
Dues and Subscriptions	3,800.00	0.5%		3,800	
Insurance	33,378.16	4.1%		33,378	·····
Maintenance/Janitorial	5,683.90	0.7%		5,664	
Marketing Expense	14,964.00	1.8%		14,964	
Meels and Entertainment	2,752.70	0.3%		2,753	
	2,200.00	0.3%		2,755	
Office Equipment	3,505.00	0.3%	3,505	2,200	
Packaging Materials	2,196.00	0.4%	2,196		
Postage and Delivery	-		2,190	0.046	
Professional Fees	9,346.48	1.1%		9,346	
Promotional Expense	4,042.00	0.5%		4,042	
Rent	19,010.00	2.3%		19,010	
Repairs	780.00	0.1%		780	
Sales Commission (outside reps)	7,981.60	1.0%	7,982		
Supplies	12,398.72	1.5%	12,399		
Telephone	8,006.88	1.0%		8,007	
Trevel	6,904.46	0.8%		6,904	
Utilities	1,003.18	0.1%		1,003	
Wages	196,349.06	23.8%		196,349	
Total Expense	378,668.42	46.0%			
Net Ordinary Income	36,997.14	4.5%			
Other Income/Expense					
Other Expense					
Other Expense	4,592.90	0.6%		12,000	Principal & Interest
Total Other Expense	4,592.90	0.8%			
Net Other Income	-4,592.90				
Vet income	32,404.24	3.9%			
and the second sec					
TOTALS	-		456 735	340,041	
			100,100	010,011	
Madella Bros (Balan	-		55.5%		
Variable Exp / Sales			55.5%		
456,735/ 823,619 = .555)	-				
	-		A4 80/		
Contribution Margin			44.5%		
100% - (Var Exp / Sales)	-				
Break-even			340,041	=	763,359



Wholesale - Distributor Contribution Margin Calculation

	\$	%	\$1.00
Sales	823,619	100.0%	\$1.00
COGS	407,954	49.5%	
Gross Profit	415,665	50.5%	
Other Variable Expenses			
Car/Truck Expense	22,700	2.8%	
Packaging Materials	3,505	0.4%	
Postage and Delivery	2,196	0.3%	
Sales Commission (outside reps)	7,982	1.0%	
Supplies	12,399	1.5%	
Total Other Variable Exp.	48,782	5.9%	
Total Variable Expense	456,736	55.5%	\$0.55
Contribution Margin	366,883	44.5%	\$0.45

Breakeven Analysis Examples

1. If my costs go up, what sales will I need to maintain profit? Example: You hire a new employee for \$40,000.

Salary	40,000	
Payroll Tax (10%)	4,000	
Total	\$ 44,000	
Cost Increase/Contr	ibution Margin =	
		\$98,876

2. If I raise prices, what loss of sales can I afford to have and still make money?

Example: You raise prices by 10%.

Raise Prices by 10%:		
Total Revenue	823,619	
Increase (10%)	1.10	
New Total Revenue	\$ 905,981	
New Contribution Margin:		
100%-(Var Exp/Sales) = 1-(456,735,/,905,981) =		49.6%
New Breakeven:		
Fixed Costs/ New Contribution		
Margin=340,041/.496=	-	\$ 685,566
Difference in Breakeven:		
Old Breakeven	763,359	
New Breakeven	685,566	
Difference	\$ 77,793	

3. If I increase my owners draw, what sales increase would I need to cover it?

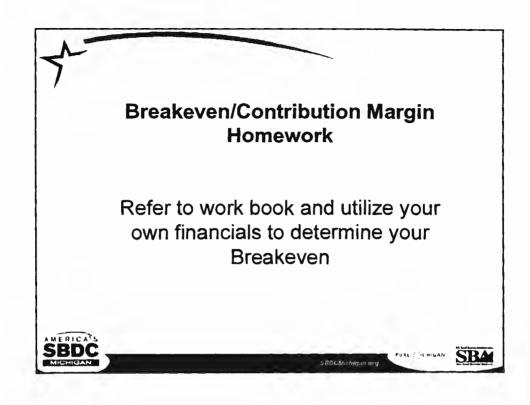
Example: You increase owners draw by \$10,000.

	Amount Owners Draw Increases/Contribution Margin=10,000 / .445=	\$ 22.472
1	Amount Owners Draw increases/continuation wargin- 10,0007.445-	\$ ZZ,41Z

4. I hire a salesperson with a salary of \$40,000 per year, employee taxes are 10%, and provide a car allowance of \$500/month. The salesperson will be paid a commission of 10.0% on all new customer orders.

Salary	40,000		
Car Allowance (12 * \$500 = \$6,000)	6,000		
Payroll Tax (10%)	4,000		
Total	\$50,000		
New Contribution Margin (44.5% - 10.0% = 34.5%)		34.5%	
Cost Increase/New Contribution Margin = 50,000/.345 =			\$144,928

Note: This example ignores the effect of employer taxes on earned commissions.



Income Statement

ABC Retail Gift Store

Income Statement

1/1/2004 - 12/31/04

Revenue:	ross Sale			\$311,300.00	100.000
-	PIEC 2201	sales Returns and Allo		\$311,300.00	100.0%
_	ess: let Sales	Sales vetoris and Alic	JWdrices	\$311.300.00	
Cost of Good				\$511,300.00	100.0%
		Inventory	\$132,868.00		
	dd:	Purchases	\$184.717.00		59.3%
~		Freight-in	\$2,900.00		0.9%
		Direct Labor	42,300.00		0.0%
		indirect Expenses			0.0%
		mon eet expenses	\$320,485.00		103.0%
14	ess:	Ending Inventory	\$152,668.00		49.0%
_		ods Sold		\$167,817.00	53.9%
G	ross Pro	fit (Loss)		\$143,483.00	46.1%
Expenses:					
	dvertisin	-	\$9,163.00		2.99
A	mortizat	ion	\$0.00		0.09
B	ad Debts		\$0.00		0.09
B	ank Char	ges	\$25.00		0.09
C	haritable	Contributions			0.0%
C	ommissi	ons	\$6,125.00		2.0%
C	ontract l	abor	\$1,742.00		0.69
C	redit Car	d Fees	\$1,673.00		0.59
D	elivery E	xpenses	\$843.00		0.39
D	epreciati	ion	\$168.00		0.19
D	ues and	Subscriptions	\$705.00		0.29
ir	surance		\$3,108.00		1.09
Ir	nterest*		\$146.00		0.09
N	laintena	nce	\$75.00		0.09
N	liscellan	eous	\$676.00		0.29
0	fice Exp	enses	\$273.00		0.19
0	perating	Supplies	\$2,270.00		0.79
P	ayroll Ta	xes	\$6,240.00		2.09
P	ermits a	nd Licenses	\$100.00		0.09
P	ostage				0.09
P	rofession	nal Fees	\$1,500.00		0.5
P	roperty	Taxes			0.09
R	ent		\$18,000.00		5.89
R	epairs		\$45.00		0.0
S	ales Tax		\$14,633.00		4.79
Т	elephone		\$1,360.00		0.49
Т	ravel		\$3,096.00		1,09
U	tilities		\$3,420.00		1.19
V	ehicle E	(penses	\$1,284.00		0.49
٧	Vages**		\$71,930.00		23.19
т	otal Expe	enses		\$148,600.00	47.79
N	let Opera	ating Income		-\$5,117.00	-1.69
Other Incom					
) on Sale of Assets	\$0.00		0.09
	nterest in				0.0
		er income		\$0.00	0.09
Net Income				-\$5,117.00	-1.69

*Owner has \$19,477 on credit cards and wants it amortized @ 9.0% over three years = \$619.33/month or \$7,432/year. **Doesn't include owner's compensation. Owner wants to bogaid \$50,000/ year, all self employment taxes included.

Worksheet

Original P & L

Variable Expenses

Fixed Expenses

COGS	\$ 167,817.00	_		
Advertising	\$9,163.00			
Amortization	\$0.00			
Bad Debts	\$0.00	T		
Bank Charges	\$25.00			
Charitable Contributions				
Commissions	\$6,125.00	1		
Contract Labor	\$1,742.00			
Credit Card Fees	\$1,673.00			
Delivery Expenses	\$843.00			
Depreciation	\$168.00			
Dues and Subscriptions	\$705.00			
Insurance	\$3,108.00			
Interest	\$146.00			
Maintenance	\$75.00			
Miscellaneous	\$676.00			
Office Expenses	\$273.00			
Operating Supplies	\$2,270.00			
Payroll Taxes	\$6,240.00	Ì		
Permits and Licenses	\$100.00			
Postage				
Professional Fees	\$1,500.00			
Property Taxes				
Rent	\$18,000.00			
Repairs	\$45.00			
Sales Tax	\$14,633.00			
Telephone	\$1,360.00			
Travel	\$3,096.00			
Utilities	\$3,420.00			
Vehicle Expenses	\$1,284.00			
Wages	\$71,930.00			
P & I (\$19,477 @ 9.0%, 3 yrs)				
Owner's Draw				
TOTALS		\$		\$ -
Sales		\$	311,300.00	
Contribution Margin		4	311,300.00	



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Answer Sheet

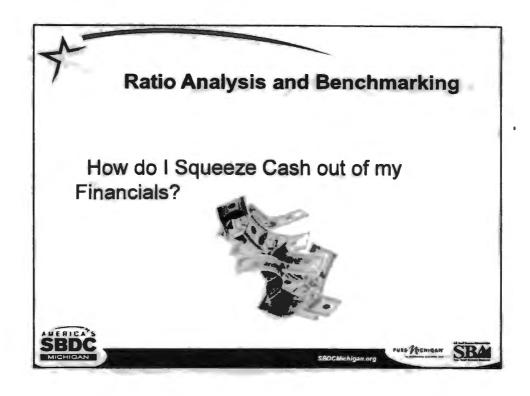
and the second	Original P & L		Variable Expenses		Fixed Expenses	
					red expenses	
COGS	\$ 167,817.00	\$	167,817.00			
Advertising	\$9,163.00			\$	9,163.00	
Amortization	\$0.00					
Bad Debts	\$0.00					
Bank Charges	\$25.00			\$	25.00	
Charitable Contributions						
Commissions	\$6,125.00	\$	6,125.00			
Contract Labor	\$1,742.00	\$	1,742.00			
Credit Card Fees	\$1,673.00	\$	1,673.00			
Delivery Expenses	\$843.00	\$	843.00			
Depreciation	\$168.00					
Dues and Subscriptions	\$705.00			\$	705.00	
Insurance	\$3,108.00			\$	3,108.00	
Interest	\$146.00					
Maintenance	\$75.00			\$	75.00	
Miscellaneous	\$676.00			\$	676.00	
Office Expenses	\$273.00			\$	273.00	
Operating Supplies	\$2,270.00	\$	2,270.00	1		
Payroll Taxes	\$6,240.00			\$	6,240.00	
Permits and Licenses	\$100.00			\$	100.00	
Postage						
Professional Fees	\$1,500.00			\$	1,500.00	
Property Taxes						
Rent	\$18,000.00			\$	18,000.00	
Repairs	\$45.00			\$	45.00	
Sales Tax	\$14,633.00	\$	14,633.00			
Telephone	\$1,360.00			\$	1,360.00	
Travel	\$3,096.00			\$	3,096.00	
Utilities	\$3,420.00		1	\$	3,420.00	
Vehicle Expenses	\$1,284.00			\$	1,284.00	
Wages	\$71,930.00			\$	71,930.00	
P & I (\$19,477 @ 9.0%, 3 yrs)				\$	7,432.00	
Owner's Draw				\$	50,000.00	
TOTALS		\$	195,103.00	\$	178,432.00	
Sales		\$	311,300.00			
Contribution Margin	37.3%			1		

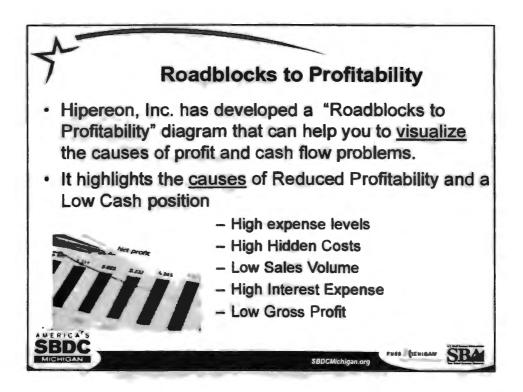
Breakeven

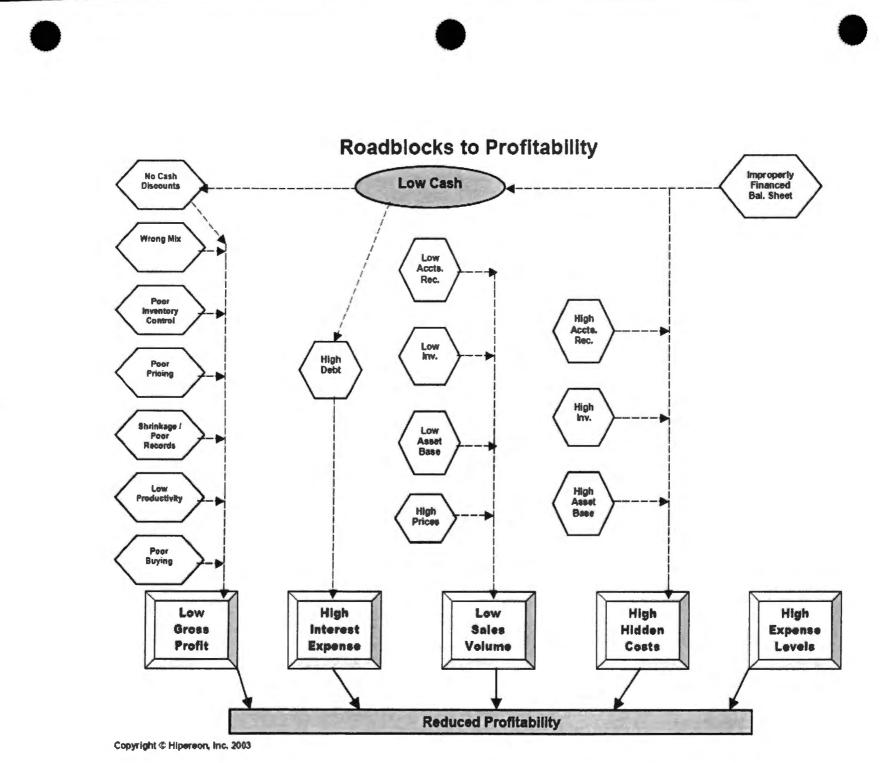
Fixed costs/Contr Marg (%)

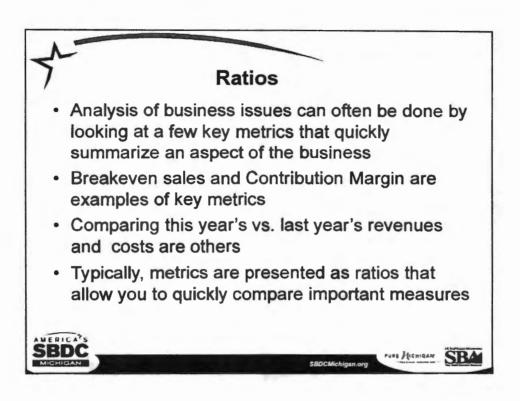
\$178,432 / 37.3%

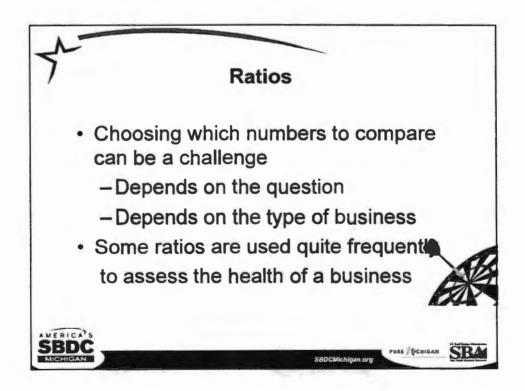
\$478,370

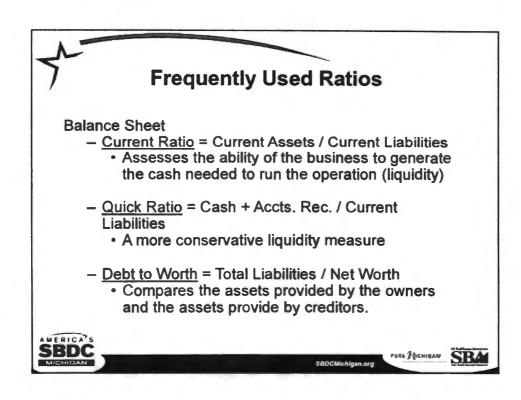


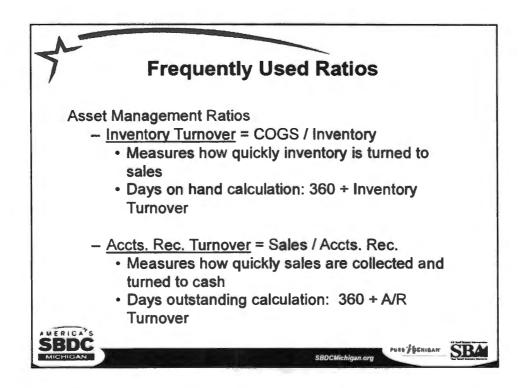


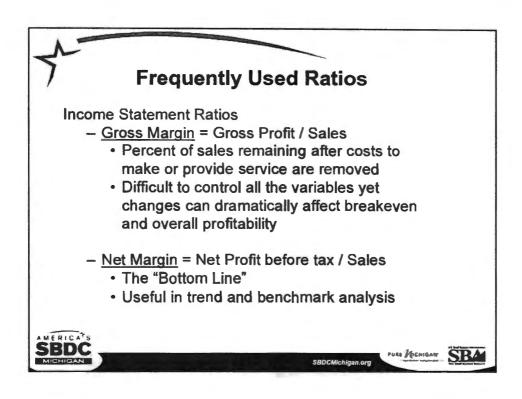


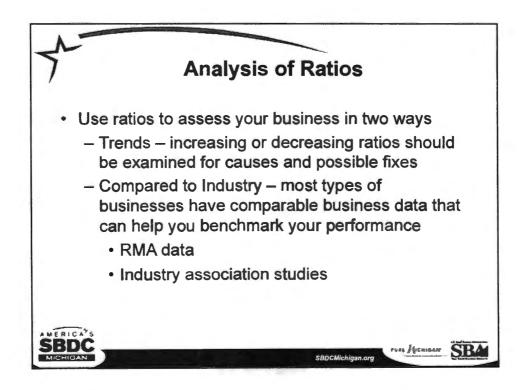








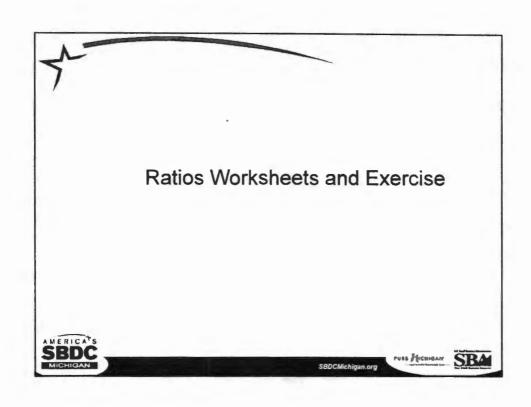




Wholesale - Distributor Ratio Analysis vs. RMA

	RMA	Subject	Subject	
	*	\$ Values	*	
INCOME DATA				
Net Sales	100.0%	823,619	100.0%	
Gross Profit	51.9%	415,665	50.5%	
Profit Before Taxes	4.2%	32,404	3.9%	
LIQUIDITY RATIOS				
Current	1.85	1.21	-	Divide total current assets by total current liabilities. Rough indication of the firm's ability to service current obligations
Quick	0.9	0.65	-	Add cash and equivalents to trade receivables. Then, divide by total current liabilities. Values less than "1" imply a dependency on inventory to service current obligations.
Turnover Ratios				
Sales / Receivables	30 11.2	8.46	-	Measures the number of times receivable turn over in a year. The higher the turnover the shorter the time between sale and cash collection
Cost of Sales / Inventory	76 4.8	3.49	-	Measures the number of times inventory turns over in a year.
LEVERAGE RATIOS				Expresses the relationship between capital contributed by creditor
Debt / Worth	5.1	1.32	-	and that contributed by owners. The higher the ratio the greater the risk being assumed by creditors.

* Data from firms with sales between \$1 - \$3 million



Accounts Receivable Management Exercise

- What is the effect on cash if Accounts Receivable are collected faster
 - Accounts Receivable Turnover Ratio: (Sales / Accounts Receivable) \$823,619 / \$97,333 = 8.46

 - Balance Sheet A/R (43 days) \$97,333
 - Collect Accounts Receivable faster 32 days (Sales: \$823,619/11.2)= \$73,537
 - Compute increase in Cash Flow
 S_____
- What recommendations would you make to improve a company's management of its Accounts Receivable?

Inventory Management Exercise

- What does the information tell you about how efficiently Wholesale Distributor manages its Inventory?
- What is the effect on cash if Inventory is turned faster?
 - Inventory Turnover Ratio: (Cost of Goods Sold / Inventory) \$407,954 / \$116,921 = 3.49
 - Ratio Wholesale Distributor 3.49 Turn-days: 360 days / 3.49 = 103 days

 - Balance Sheet Inventory \$116,921
 - Turn Inventory faster 76 days (C/G/S: \$407,954 / 4.8) = \$84,990
 - Compute increase in Cash Flow
- What recommendations would you make to improve a company's management of its inventory?

Debt Structure Exercise

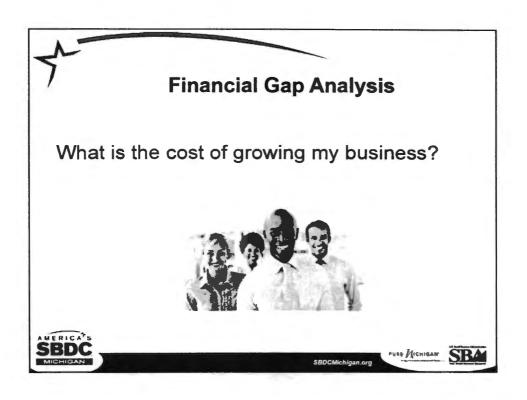
- What does the information tell you about Wholesale Distributor's current liabilities, and short term debt / long term debt structure?
- What recommendations would you make to restructure Wholesale Distributor's liabilities and debt?
- What is the effect on cash if debt is restructured to use long term debt to purchase long term assets?

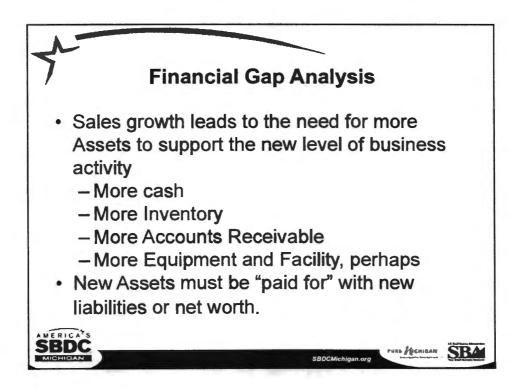
 Total Fixed Assets on Balance Sheet 	\$115,125
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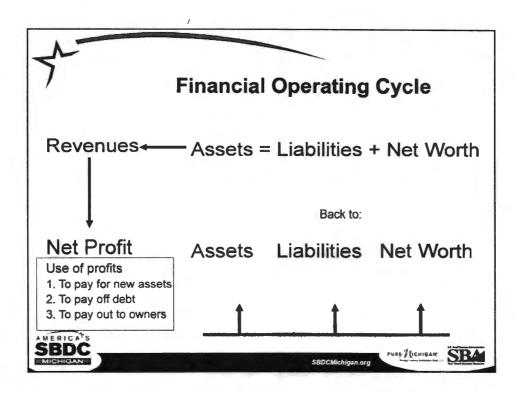
- Line of Credit on Balance Sheet
 \$139,618
- Finance 80% Fixed Assets with long Term Debt (\$115,125 x 80%) = \$ 92,100
- What is the increase in Cash Flow?
 \$_____

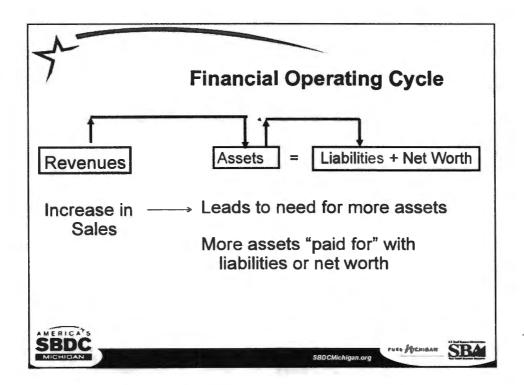
What is the effect on the Liquidity Ratios?

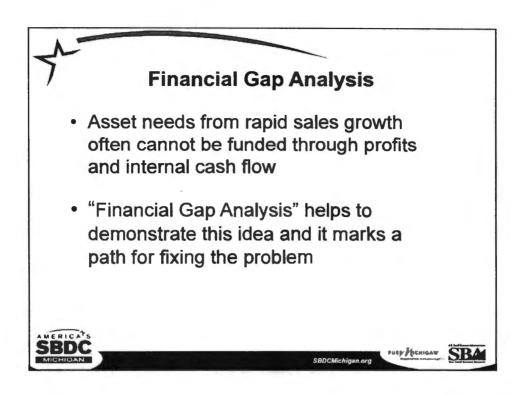
- Current Current Assets/ Current Liabilities
- Quick: Cash + Accounts Receivable/ Current Liabilities

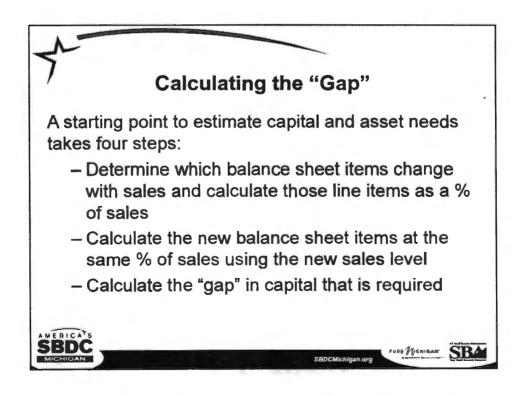


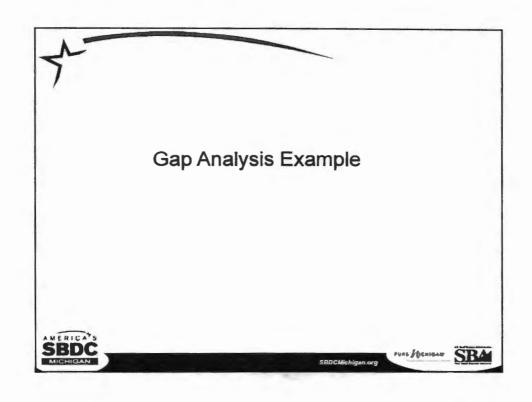












Wholesale/Distributor Sample File Balance Sheet As of December 31 Current Year

0

		Percent of		F	Percent of
ASSETS		Sales"	LIABILITIES & EQUITY		Sales'
Current Assets			Current Liabilities		
Cash	40,654	4.9%	Note Payable	Fir	nancial Gap
Accounts Receivable	97,333	11.8%	Accounts Payable	71,697	8.7%
inventory	116,921	14.2%	Other Current Liabilites	140,291	17.0%
Other Current Assets	2,000				
Total Current Assets	256.9DB		Total Current Liabilities	211.988	
			Total Liabilities	211,988	
Fixed Assets			Equity		
Automobiles & Trucks	45,632	5.5%			
Equipment	69,493	8.4%	Paid in	24,325	
Total Fixed Assets	115,125		Ret earnings	103,316	
			Net income	32.404	3.9%
			Total Net Worth	160,045	
TOTAL ASSETS	372.033		TOTAL LIABILITIES & Net Worth	372.033	

NOTES:

Sales This year = 823,619

Assets that are assumed to grow in proportion with significant sales are shown with current percentages:

Liabilities that are assumed to grow in proportion with significant sales are shown with current percentages:

There is no "gap" as indicated by Total Assets = Total Liabilities and Net Worth

Wholesale/Distributor Sample File Balance Sheet As of December 31 Next Year Projected

		Percent of			Percent of	
ASSETS		Sales"	LIABILITIES & EQUITY		Sales"	
Current Assets			Current Liabilities			
Cash	78,976	4.9%	Note Payable		Financial Gap	84,031
Accounts Receivable	189,084	11.8%	Accounts Payable	139,282	9%	
Inventory	227,136	14.2%	Other Current Liabilites	272,536	17%	
Other Current Assets	D					
Total Current Assets	495.196		Total Current Liabilities	411.818		
			Total Liabilities	411,818		
Fixed Assets			Equity			
Automobiles & Trucks	88,647	5.5%				
Equipment	135,000	8.4%	Paid in	24,325		
Total Fixed Assets	223,647		Ret earnings	135,720		
			Net Income	62,949	3.9%	
			Total Net Worth	222,994		
TOTAL ASSETS	718.843		TOTAL LIABILITIES & Net Worth	634.812		

NOTES:

Sales next year = 1,600,000.00

Assets are assumed to grow to previous percentage of total sales

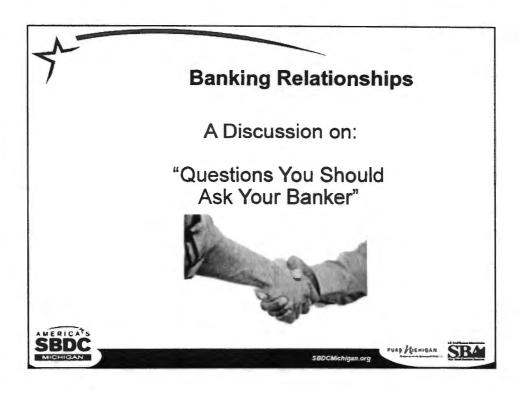
Liabilities are assumed to grow to previous percentage of total sales

Profits are assumed to stay at previous percentage of sales

The financial gap is indicated by the lack of balance between Assets and Liabilities and Net worth

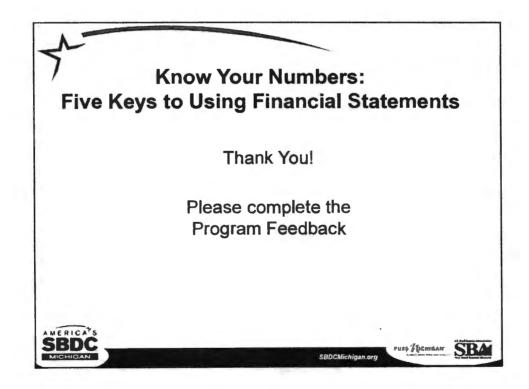
Projected profit based on prior year experience (3.9% of sales)

Retained earnings calculated from previous year's balance sheet









Appendix A

Cash Flow Budget Template

Available online at:

www.sbdcmichigan.org

Then Click:

First Visit Cash Flow Spreadsheets



				COLL T FOR	PROJECT										
Company:	Pre-				OWNER:					DATE:					
Sompany.	Start-up	Month:	Month:	Month:	Month:	Month:	Month:	Month:	Month:	Month:	Month:	Month:	Month:	TOTAL	% of Sales
	Position	1, ~	2	3	4	5	6	7	8	9	tO	11	12		
1.) CASH ON HAND (BEGIN. OF MO.)		0	0	0	0	0	0	0	0	0	0	0	0		
2.) CASH RECEIPTS															
a. Cash Sales / Receipts		0	0	0	0	0	0	0	0	0	0	0	0		0
b. Collections from Credit Accounts															0 #DIV/0!
c. Loan or Other Cash Injection d. Loan or Other Cash Injection					- mar falmation										0
e. Loan of Other Cash Injection									1						0
f.									1						0
3.) TOTAL CASH RECEIPTS	0	0	0	0	Ō	0	0	0	0	0	0	0	0		0
4.) TOTAL CASH AVAILABLE	0	0	0	0	0	0			0	and the second s				-	
5.) CASH PAID OUT	1							1	1	1				1	
a. Cost of Goods Sold / Materials								+							0 #DIV/0!
b. Advertising															0 #DIV/01
c. Bad Debts								1							0 #DIV/01
d. Car / Delivery	1								1		-				0 #DIV/01
Commissions															
Freight	1							1	1	1				1	1
Taxes / Licenses													-	-	0 #DIV/01
Travel and Entertainment	1								1	-					0 #DIV/01
e. Subtotal Variable Expenses	0	0	0	0	0	0	0	0	0	0	0	0	0		0 #DIV/0!
f. Bank Service Charges	1														0 #DIV/01
g. Amortization of Intangibles		1								1				The second secon	0 #DIV/0!
h. Depreciation/Depletion													-		0 #DIV/0!
i. Dues & Publications										1				1	0 #DIV/01
). Employee Benefit Program															0 #DIV/0!
k. insurance-W/C. PROP, MISC.							-								0 #DIV/01
I. Laundry & Cleaning															0 #DIV/01
m. Leased Equipment								1							0 #DIV/01
n. Legal / Professional								1	-						0 #DIV/0!
o. Office Expense															0 #DIV/0!
p. Outside Labor															0 #DIV/01
q. Pension/P.S./Payroll Taxes															o #DIV/0!
r. Rent															o #DIV/0!
s. Repairs & Maintenance															0 #DIV/01
1. Supplies, Operating															0 #DIV/0!
u. Utilities															0 #DIV/0!
v. Selaries-Officers	1		0	0		0	C		-		0		0		0 #DIV/0!
w. Payroll		0	0	0	0	0		0	0	0	U	0	0		0 #DIV/01
<u>×</u>														1	0 #DIV/01
															o #DIV/01
y, Miscellaneous (Unspecified)															0 #DIV/01
z. Subtotat Fixed Expenses	0	0	0	0	0	0	0	0	0	0	0	0	0	and the second second	0 #DIV/01
as, Subtotal Total Operating Expenses	0		-					-	1				0		0 #DIV/01
		0			1							0	0		0 #DIV/01
bb. Loan Principal Payment															0 #DIV/01
cc. Capital Purchases dd. Other Start-up Costs	1							1							0 #DIV/0!
ee, Reserve and/or Escrow		1							1						0 #DIV/0!
f.	1	1	1					1							0 #DIV/0!
6.) TOTAL CASH PAID OUT	0	0	0	0	0	0	0	0 0	0	0	0	0	0		#DIV/0!
7.) CASH POSITION END OF MONTH	0												0		
ESSENTIAL OPERATING DATA	1	1				1		1	1	-					
A. Sales Volume (Dollars)		0	0	0	0	0	0	0	0	0	0	0	0	-	#DIV/0!
B. Accounts Receivable (End of Month)			1							1					
C. Bad Debt (End of Month)	1														
D. Inventory on Hand (End of Month)									1						1
E. Accounts Payable (End of Month)	1	1									Sec. 35				1
F. Depreciation															
	0	1			1			1	1			1		1	
Fixed Costs Contribution Margin	#DIV/01			n Sales =		-	1	1	1	1					1

Appendix B

Construction Company Example Financials

Quality-Built Construction Profit & Loss January through December

	Jan - Dec
Ordinary income/Expense	
income	
4110 · Construction Income	820,705.00
Total Income	820,705.00
Cost of Goods Sold	
5110 · Job Related Costs	318,282.21
5200 · Job Labor Costs	158,015.78
Total COGS	476,297.99
Gross Profit	344,407.01
Expense	
6020 · Advertising	9,950.00
6060 · Bank Service Charges	154.00
6100 · Car/Truck Expense	10,589.89
6135 · Computer Supplies/Equipment	2,350.00
6140 · Contributions	1,200.00
6160 · Dues and Subscriptions	2,500.00
6180 - Insurance	3,147.20
6200 - Interest Expense	3,160.00
6490 - Office Supplies	9,921.81
6500 · Payroll Expenses (office)	133,000.00
6570 · Professional Fees	7,452.00
6610 - Postage and Delivery	1,620.00
6650 · Rent	15,380.00
6800 · Telephone	12,756.30
6820 · Taxes	2,043.00
6830 · Training and Conferences	9,900.00
6900 · Meals and Entertainment	3,035.65
6920 · Tools & Machinery (under \$500)	7,074.31
6970 - Utilities	1,850.00
Total Expense	237,064.16
Net Ordinary Income	107,342.85
let Income	107,342.85



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Quality-Built Construction Balance Sheet As of December 31

ASSETS		LIABILITIES & EQUITY	
Current Assets		Liabilities	
Checking/Savings		Current Liabilities	
1110 · Company Checking Account	99,761.85	Accounts Payable	
1120 · Company Savings Account	167,550.00	2010 - Accounts Payable	41,723.07
1130 - Payroll Checking Account	58.06	Total Accounts Payable	41,723.07
1140 · Petty Cash Account	131.10	Credit Cards	
Total Checking/Savings	267,501.01	2050 - Mastercard Payable	211.83
Accounts Receivable		Total Credit Cards	211.83
1210 · Accounts Receivable	43,650.00	Other Current Liabilities	
Total Accounts Receivable	43,650.00	2100 · Payroll Liabilities	1 ,942 .33
Other Current Assets		2200 - Customer Deposits	27,500.00
1320 · Retentions Receivable	3,350.00	2240 · Worker's Comp Payable	821.06
1330 - Security Deposit	1,200.00	Total Other Current Liabilities	30,263.39
Total Other Current Assets	4,550.00	Total Current Liabilities	72,198.29
Total Current Assets	315,701.01	Long Term Liabilities	
		2460 - Truck Loan	13,985.00
Fixed Assets		Total Long Term Liabilities	13,985.00
1510 - Automobiles & Trucks	32,952.00	Total Liabilities	86,183.29
1520 - Computer & Office Equipment	19,862.00	Equity	
1530 · Machinery & Equipment	25,643.00	3910 · Retained Earnings	194,131.87
1540 · Accumulated Depreciation	-6,500.00	Net Income	107,342.85
Total Fixed Assets	71,957.00	Total Equity	301,474.72
TOTAL ASSETS	387,658.01	TOTAL LIABILITIES & EQUITY	387,658.01

Quality Built Construction Breakeven Analysis

			Variable Cost	Fixed Cos
Ordinary Income/Expense			over	FIXAU COS
Income				
4110 - Construction Income	820,705.00			
Total Income	820,705.00	100.0%		
Cost of Goods Sold				
5110 - Job Related Costs	318,282.21	38.8%	318,282	
5200 - Job Labor Costa	158,015.78	19.3%	158,016	
Total COGS	476,297.99	58.0%		
Gross Profit	344,407.01	42.0%		
Expense				
6020 · Advertising	9,950.00	1.2%		9,95
6060 · Bank Service Charges	154.00	0.0%	154	
8100 - Car/Truck Expense	10,589.89	1.3%	10,590	
6135 - Computer Supplies/Equipment	2,350.00	0.3%		2,35
6140 · Contributions	1,200.00	0.1%		1,20
6160 - Dues and Subscriptions	2,500.00	0.3%		2,50
6180 · Insurance	3,147.20	0.4%		3,14
6200 - Interest Expense	3,160.00	0.4%		3,16
6490 · Office Supplies	9,921.81	1.2%		9,92
6500 - Payroli Expenses (office)	133,000.00	16.2%		133,00
6570 · Professional Fees	7,452.00	0.9%		7,45
6610 - Postage and Delivery	1,820.00	0.2%	1,620	
8850 · Rent	15,360.00	1.9%		15,36
6800 - Telephone	12,756.30	1.6%		12,75
6820 - Taxes	2,043.00	0.2%		2,04
6830 - Training and Conferences	9,900.00	1.2%		9,90
6900 - Meals and Entertainment	3,035,65	0.4%		3,03
6920 · Tools & Machinery (under \$500)	7,074.31	0.9%		7,07
6970 - Utilities	1,850.00	0.2%		1,85
Total Expense	237,064.16	28.9%		
Net Ordinary Income	107,342.85	13.1%		
	107,342.85	13.1%		
TOTALS			488,662	224,700
Variable Exp / Net Sales			59.5%	
Contribution Margin			40.5%	
Break-even			555.388	



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Quality Built Construction Breakeven Analysis

	\$.	%	1.00
Sales	820,705.00	1.00	1.00
COGS	476,297.99	0.58	
Gross Profit	344,407.01	0.42	
Other Variable Expenses			
6060 · Bank Service Charges	154.00	0.00	
6100 · Car/Truck Expense	10,589.89	0.01	
6610 · Postage and Delivery	1,620.00	0.00	
Total Other Variable Exp.	12,363.89	0.02	
Total Variable Expense	488, 661.88	0.60	0.60
Contribution Margin	332,043.12	0.40	0.40

Quality Built Construction Ratio Analysis vs. RMA

	RMA	Subject	Subject	
	%	\$ Values	%	
INCOME DATA				
Net Sales	100.0%	820,705		
Gross Profit	41.6%	344,407		
Profit Before Taxes	5.1%	107,343	13.1%	
		·		
Current	1.2	4.37		Divide total currient assets by total current liabilities. Rough indication of the firm's ability to service current obligations
Quick	0.9	4.31		Add cash and equivalents to trade receivables. Then, divide by tota current liabilities. Values less than "1" imply a dependency on inventory to service current obligations.
Sales / Receivables	27.3	18.80		Measures the number of times receivable turn over in a year. The higher the turnover the shorter the time between sale and cash collection
Cost of Sales / Inventory	20.7	N/A		Measures the number of times inventory turns over in a year.
Cost of Sales / Payables	40.6	11.42		Measures the number of times payable turn over in a year. The higher the turnover the shorter the time between purchase and payment.
LEVERAGE RATIOS				
Debt / Worth	3.3	0.29		Expresses the relationship between capital contributed by creditors and that contributed by owners. The higher the ratio the greater the risk being assumed by creditors.

Appendix C

What to Look for in An Accounting Firm

What to Look for in An Accounting Firm

Our company is searching for an accounting firm. Listed below are our requirements. If you would be interested in working with our company, we would appreciate receiving a proposal from you, based on these requirements.

Services Required:

 Developing revenue, expense, and capital expenditure plans, assist in preparing a break-even analysis and cash flow requirements.

2 Preparing year-end financial statements and assisting in determining whether quarterly or monthly financial statements would be of greater value.

3 Reviewing the present accounting system and assisting in establishment of a more sophisticated system -- and a means to monitor both.

4 Meeting regularly to evaluate and discuss current business operations, new opportunities, prospective charges, and general business matters. Developing a relationship for business advice, analysis, and counsel that will assist in making this company more successful. Developing a practical business plan.

5 Providing tax planning and compliance, addressed on a regular basis, including income, basiness, payroll, and estate taxes. Determining best strategies to minimize personal income tax impact relative to the company.

6 Becoming our key business advisor.

Qualifications Desired

 An accounting firm with the appropriate technical expertise, manpower, and resources to support us. A firm that is in business to help owners of closely-held businesses.
 An understanding of the needs of our industry and a commitment to doing what needs

to be done.

3 An involvement of two principals or managers so that there will be familiarity with our account in the firm.

Costs

We recognize that the activities, level of involvement and qualifications that we require necessitate a substantial professional commitment on the part of the accounting firm we choose. We understand that these services are not available at "barging" prices. However, we must be certain that the benefits received are at loast equal to or greater than the cost. We need an estimate of the potential annual cost for all of the services indicated.

References

Please provide the names and phone numbers of three companies with whom you are presently doing humans at the level above in our requirements.

Business Resource Services provides practical in persons and on-lise financial training programs and software for companies worldwide. The programs give small business owners, howies and compositions and franchispes financial tools to improve the financial health of their organizations. For more information on BRS viair work-more-straft, or call BOO (488.3520).

