TT TEXTBOOK TESTBANKS

Solutions Manual for Financial Analysis with Microsoft Excel 9th Mayes

SOLUTIONS MANUAL SAMPLE PREVIEW

PUBLISHER
Cengage

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2021

RESOURCE TYPE
Solutions Manual

ISBN
9780357442050

New Smyrna Surf Shop
Income Statements
For the Years 2019 and 2020

		2020		*2019*
Sales	$	378,565	$	303,750
Cost of Goods Sold		208,208		167,062
Gross Profit				
Depreciation Expense				6,272
Selling & Admin Expense		1,113		972
Net Operating Income				
Interest Expense		1,376		1,093
Earnings Before Taxes				
Taxes				
Net Income				

Notes:

Tax Rate	25.0%	25.0%
Shares Outstanding		
Earnings per Share		
Dividends per Share	$6.00	$5.00
Addition to RE per Share		

Note: Cells with a green background are the missing cells in the problem.

New Smyrna Surf Shop
Balance Sheets
For the Years 2019 and 2020

	2020	2019
Cash	$ 20,966	$ 15,187
Accounts receivable	29,523	
Inventories		13,289
Total Current Assets		
Gross fixed assets	58,765	
Accumulated depreciation	14,640	
Net Fixed Assets	44,125	9,569
Total assets	**116,179**	**56,320**
Accounts payable	$ 13,975	
Notes payable		6,075
Total Current Liabilities		18,461
Long-term debt	12,125	
Total Liabilities	29,150	29,831
Common stock	10,125	
Additional paid in capital		1,013
Retained earnings		15,351
Total Equity		
Total Liabilities & Equity		

Notes:

	2020	2019
Shares Outstanding		7,500

New Smyrna Surf Shop
Statement of Cash Flows
For the Year 2020

Cash Flows from Operations		
Net Income		
Depreciation Expense	7,148	
Change in Accounts Receivable	(11,248)	
Change in Inventories	(8,276)	
Change in Accounts Payable	1,589	
Total Cash Flows from Operations		
Cash Flows from Investing		
Change in fixed assets	(41,704)	
Total Cash Flows from Investing		**$ (41,704)**
Cash Flows from Financing		
Change in Notes Payable	(3,025)	
Change in Long-Term Debt	755	
Change in Common Stock	-	
Change in Paid-In Capital	-	
Cash Dividends		
Total Cash Flows from Financing		
Net Change in Cash Balance		
Check answer against Balance Sheet		
Beginning Cash From Balance Sheet		
Ending Cash From Balance Sheet		
Net Change in Cash Balance		

Big Rock Candy Mountain Mining Co.
Income Statements
For the Years 2019 and 2020

	2020	*2019*
Sales	$412,500	$398,600
Cost of Goods	318,786	315,300
Gross Profit	**93,714**	**83,300**
Depreciation	29,800	29,652
Selling & Admin. Expense	26,250	24,550
Other Operating Expense	1,210	1,245
Net Operating Income	**36,454**	**27,853**
Interest Expense	8,582	8,457
Earnings Before Taxes	**27,872**	**19,396**
Taxes	6,968	4,849
Net Income	**20,904**	**14,547**

Notes:		
Tax Rate	25.00%	25.00%
Shares	52,100	52,100
Earnings per Share	$0.40	$0.28

Big Rock Candy Mountain Mining Co.
Balance Sheet
For the Year Ended December 31, 2020

	2020	2019
Assets		
Cash	$16,435	$11,596
Marketable Securities	3,656	619
Accounts Receivable	45,896	47,404
Inventory	52,397	54,599
Total Current Assets	118,384	114,218
Gross Fixed Assets	436,573	397,023
Accumulated Depreciation	87,450	57,650
Net Plant & Equipment	349,123	339,373
Total Assets	**467,507**	**453,591**
Liabilities & Owner's Equity		
Accounts Payable	$37,752	$36,819
Accrued Expenses	3,183	3,085
Total Current Liabilities	40,935	39,904
Long-term Debt	170,562	178,581
Total Liabilities	211,497	218,485
Common Stock ($1.00 par)	58,664	58,664
Additional Paid-in-Capital	136,807	136,807
Retained Earnings	60,539	39,635
Total Owner's Equity	256,010	235,106
Total Liab. & Owner's Equity	**467,507**	**453,591**

Big Rock Candy Mountain Mining Co.
Common-size Income Statements
For the Years 2019 and 2020

	2020	*2019*
Sales	100.00%	100.00%
Cost of Goods	77.28%	79.10%
Gross Profit	**22.72%**	**20.90%**
Depreciation	7.22%	7.44%
Selling & Admin. Expense	6.36%	6.16%
Lease Expense	0.29%	0.31%
Net Operating Income	**8.84%**	**6.99%**
Interest Expense	2.08%	2.12%
Earnings Before Taxes	**6.76%**	**4.87%**
Taxes	1.69%	1.22%
Net Income	**5.07%**	**3.65%**
Notes:		
Tax Rate	25.00%	25.00%
Shares	52,100	52,100

Big Rock Candy Mountain Mining Co.
Common-size Balance Sheet
For the Year Ended December 31, 2020

	2020	*2019*
Assets		
Cash	3.52%	2.56%
Marketable Securities	0.78%	0.14%
Accounts Receivable	9.82%	10.45%
Inventory	11.21%	12.04%
Total Current Assets	25.32%	25.18%
Gross Fixed Assets	93.38%	87.53%
Accumulated Depreciation	18.71%	12.71%
Net Plant & Equipment	74.68%	74.82%
Total Assets	**100.00%**	**100.00%**
Liabilities & Owner's Equity		
Accounts Payable	8.08%	8.12%
Accrued Expenses	0.68%	0.68%
Total Current Liabilities	8.76%	8.80%
Long-term Debt	36.48%	39.37%
Total Liabilities	45.24%	48.17%
Common Stock ($2 par)	12.55%	12.93%
Additional Paid-in-Capital	29.26%	30.16%
Retained Earnings	12.95%	8.74%
Total Owner's Equity	54.76%	51.83%
Total Liab. & Owner's Equity	**100.00%**	**100.00%**

Big Rock Candy Mountain Mining Co.
Statement of Cash Flows
For the Year Ended December 31, 2020

Cash Flows from Operations		
Net Income	$ 20,904.00	
Depreciation Expense	$ 29,800.00	
Change in Marketable Securities	$ (3,037.00)	
Change in Accounts Receivable	$ 1,508.00	
Change in Inventory	$ 2,202.00	
Change in Accounts Payable	$ 933.00	
Change in Accrued Expenses	$ 98.00	
Total Cash Flows from Operations		$ 52,408.00
Cash Flows from Investing		
Change in Gross Fixed Assets	$ (39,550.00)	
Total Cash Flows from Investing		$ (39,550.00)
Cash Flows from Financing		
Change in Long-term Debt	$ (8,019.00)	
Change in Common Stock ($2 par)	$ -	
Change in Additional Paid-in-Capital	$ -	
Total Cash Flows from Financing		$ (8,019.00)
Net Change in Cash Balance		$ 4,839.00

Big Rock Candy Mountain Mining Co.
Statement of Cash Flows
For the Year Ended December 31, 2020

Denominator 1

Cash Flows from Operations	**% of Sales**	
Net Income	5.07%	
Depreciation Expense	7.22%	
Change in Marketable Securities	-0.74%	
Change in Accounts Receivable	0.37%	
Change in Inventory	0.53%	
Change in Accounts Payable	0.23%	
Change in Accrued Expenses	0.02%	
Total Cash Flows from Operations		12.70%
Cash Flows from Investing		
Change in Gross Fixed Assets	-9.59%	
Total Cash Flows from Investing		-9.59%
Cash Flows from Financing		
Change in Long-term Debt	-1.94%	
Change in Common Stock ($2 par)	0.00%	
Change in Additional Paid-in-Capital	0.00%	
Total Cash Flows from Financing		-1.94%
Net Change in Cash Balance		1.17%

New Smyrna Surf Shop
Income Statements
For the Years 2019 and 2020

		2020		*2019*
Sales	$	378,565	$	303,750
Cost of Goods Sold		208,208		167,062
Gross Profit		**170,357**		**136,688**
Depreciation Expense		7,148		6,272
Selling & Admin Expense		1,113		972
Net Operating Income		**162,096**		**129,444**
Interest Expense		1,376		1,093
Earnings Before Taxes		**160,720**		**128,351**
Taxes		40,180		32,088
Net Income		**120,540**		**96,263**

Notes:

Tax Rate	25.0%	25.0%
Shares Outstanding	10,000	10,000
Earnings per Share	$12.05	$9.63
Dividends per Share	$6.00	$5.00
Addition to RE per Share	$6.05	$4.63

Note: Cells with a green background are the missing cells in the problem.

New Smyrna Surf Shop
Balance Sheets
For the Years 2019 and 2020

		2020		2019
Cash	$	20,966	$	15,187
Accounts receivable		29,523		18,275
Inventories		21,565		13,289
Total Current Assets		72,054		46,751
Gross fixed assets		58,765		17,061
Accumulated depreciation		14,640		7,492
Net Fixed Assets		44,125		9,569
Total assets		**116,179**		**56,320**
Accounts payable	$	13,975	$	12,386
Notes payable		3,050		6,075
Total Current Liabilities		17,025		18,461
Long-term debt		12,125		11,370
Total Liabilities		29,150		29,831
Common stock		10,125		10,125
Additional paid in capital		1,013		1,013
Retained earnings		75,891		15,351
Total Equity		87,029		26,489
Total Liabilities & Equity		**116,179**		**56,320**

Notes:

Shares Outstanding	10,000	10,000

New Smyrna Surf Shop
Statement of Cash Flows
For the Year 2020

Cash Flows from Operations		
Net Income	$ 120,540	
Depreciation Expense	7,148	
Change in Accounts Receivable	(11,248)	
Change in Inventories	(8,276)	
Change in Accounts Payable	1,589	
Total Cash Flows from Operations		**$ 109,753**
Cash Flows from Investing		
Change in fixed assets	(41,704)	
Total Cash Flows from Investing		**$ (41,704)**
Cash Flows from Financing		
Change in Notes Payable	(3,025)	
Change in Long-Term Debt	755	
Change in Common Stock	-	
Change in Paid-In Capital	-	
Cash Dividends	(60,000)	
Total Cash Flows from Financing		**$ (62,270)**
Net Change in Cash Balance		**$ 5,779**
Check answer against Balance Sheet		
Beginning Cash From Balance Sheet	15,187	
Ending Cash From Balance Sheet	20,966	
Net Change in Cash Balance		**$ 5,779**

New Smyrna Surf Shop
Income Statements
For the Years 2019 and 2020

	2020	*2019*
Sales	100.00%	100.00%
Cost of Goods Sold	55.00%	55.00%
Gross Profit	**45.00%**	**45.00%**
Depreciation Expense	1.89%	2.06%
Selling & Admin Expense	0.29%	0.32%
Net Operating Income	**42.82%**	**42.62%**
Interest Expense	0.36%	0.36%
Earnings Before Taxes	**42.46%**	**42.26%**
Taxes	10.61%	10.56%
Net Income	**31.84%**	**31.69%**

New Smyrna Surf Shop
Balance Sheets
For the Years 2019 and 2020

	2020	***2019***
Cash	18.05%	26.97%
Accounts receivable	25.41%	32.45%
Inventories	18.56%	23.60%
Total Current Assets	62.02%	83.01%
Gross fixed assets	50.58%	30.29%
Accumulated depreciation	12.60%	13.30%
Net Fixed Assets	37.98%	16.99%
Total assets	**100.00%**	**100.00%**
Accounts payable	12.03%	21.99%
Notes payable	2.63%	10.79%
Total Current Liabilities	14.65%	32.78%
Long-term debt	10.44%	20.19%
Total Liabilities	25.09%	52.97%
Common stock	8.72%	17.98%
Additional paid in capital	0.87%	1.80%
Retained earnings	65.32%	27.26%
Total Equity	74.91%	47.03%
Total Liabilities & Equity	**100.00%**	**100.00%**

Notes:

Shares Outstanding	10,000	10,000

Automatic Data Processing
Income Statement ($ millions)
For the Years 2013 to 2016

	2016	2015	2014	2013
Revenue	11,667.80	10,938.50	10,226.40	9,442.00
Cost of Revenue, Total	6,628.70	6,220.70	5,842.00	5,380.20
Gross Profit	5,039.10	4,717.80	4,384.40	4,061.80
Selling/General/Admin. Expenses, Total	2,637.00	2,496.90	2,370.30	2,200.40
Depreciation/Amortization	211.60	206.90	199.00	193.90
Unusual Expense (Income)	(29.10)	(1.40)	0.00	42.70
Operating Income	2,219.60	2,015.40	1,815.10	1,624.80
Gain (Loss) on Sale of Assets	13.90	0.00	0.00	2.90
Income Before Tax	2,233.50	2,015.40	1,815.10	1,627.70
Income After Tax	1,493.40	1,376.50	1,242.60	1,122.20

Automatic Data Processing
Blance Sheet ($ millions)
For the Years Ending June 30 2013 to 2016

	6/30/2016	6/30/2015	6/30/2014
Cash & Equivalents	3,191.10	1,639.30	1,584.00
Short Term Investments	23.50	26.60	2,032.20
Total Receivables, Net	1,742.80	1,546.90	1,498.80
Other Current Assets, Total	34,543.00	25,596.40	22,378.00
Total Current Assets	*39,500.40*	*28,809.20*	*27,493.00*
Property/Plant/Equipment, Total - Gross	1,840.80	1,776.40	1,718.70
Accumulated Depreciation, Total	-1,155.80	-1,103.70	-1,051.60
Long-Term Note Receivable	27.10	32.20	155.40
Goodwill, Net	1,682.00	1,793.50	1,883.50
Intangibles, Net	534.20	503.20	491.00
Long Term Investments	7.80	28.90	54.10
Other Long Term Assets, Total	1,233.50	1,270.80	1,315.70
Total Assets	***43,670.00***	***33,110.50***	***32,059.80***
Accounts Payable	152.30	194.50	152.10
Accrued Expenses	1,863.50	1,786.50	1,793.90
Notes Payable/Short Term Debt	0.00	0.00	2,173.00
Other Current liabilities, Total	33,831.60	25,132.70	20,048.60
Total Current Liabilities	*35,847.40*	*27,113.70*	*24,167.60*
Total Debt	2,007.70	9.20	2,184.50
Deferred Income Tax	251.10	172.10	215.90
Other Liabilities, Total	1,082.20	1,007.00	994.60
Total Liabilities	*39,188.40*	*28,302.00*	*25,389.60*
Total Equity	*4,481.60*	*4,808.50*	*6,670.20*
Total Liabilities & Shareholders' Equity	***43,670.00***	***33,110.50***	***32,059.80***
Total Common Shares Outstanding	455.7	466.4	480.2

6/30/2013
1,699.10
28.00
1,595.30
22,892.10
26,214.50
2,040.70
-1,312.10
138.70
3,039.20
643.20
314.00
1,189.90
32,268.10
156.50
1,809.60
0.00
22,766.70
24,732.80
14.70
234.40
1,096.30
26,078.20
6,189.90
32,268.10
482.6

Automatic Data Processing
Income Statement ($ millions)
For the Years 2013 to 2016

	2016	2015	2014	2013
Revenue	100.00%	100.00%	100.00%	100.00%
Cost of Revenue, Total	56.81%	56.87%	57.13%	56.98%
Gross Profit	43.19%	43.13%	42.87%	43.02%
Selling/General/Admin. Expenses, Total	22.60%	22.83%	23.18%	23.30%
Depreciation/Amortization	1.81%	1.89%	1.95%	2.05%
Unusual Expense (Income)	-0.25%	-0.01%	0.00%	0.45%
Operating Income	19.02%	18.42%	17.75%	17.21%
Gain (Loss) on Sale of Assets	0.12%	0.00%	0.00%	0.03%
Income Before Tax	19.14%	18.42%	17.75%	17.24%
Income After Tax	12.80%	12.58%	12.15%	11.89%

Automatic Data Processing
Blance Sheet ($ millions)
For the Years Ending June 30 2013 to 2016

	6/30/2016	6/30/2015	6/30/2014
Cash & Equivalents	7.31%	4.95%	4.94%
Short Term Investments	0.05%	0.08%	6.34%
Total Receivables, Net	3.99%	4.67%	4.68%
Other Current Assets, Total	79.10%	77.31%	69.80%
Total Current Assets	*90.45%*	*87.01%*	*85.76%*
Property/Plant/Equipment, Total - Gross	4.22%	5.37%	5.36%
Accumulated Depreciation, Total	-2.65%	-3.33%	-3.28%
Long-Term Note Receivable	0.06%	0.10%	0.48%
Goodwill, Net	3.85%	5.42%	5.87%
Intangibles, Net	1.22%	1.52%	1.53%
Long Term Investments	0.02%	0.09%	0.17%
Other Long Term Assets, Total	2.82%	3.84%	4.10%
Total Assets	***100.00%***	***100.00%***	***100.00%***
Accounts Payable	0.35%	0.59%	0.47%
Accrued Expenses	4.27%	5.40%	5.60%
Notes Payable/Short Term Debt	0.00%	0.00%	6.78%
Other Current liabilities, Total	77.47%	75.91%	62.54%
Total Current Liabilities	*82.09%*	*81.89%*	*75.38%*
Total Debt	4.60%	0.03%	6.81%
Deferred Income Tax	0.57%	0.52%	0.67%
Other Liabilities, Total	2.48%	3.04%	3.10%
Total Liabilities	*89.74%*	*85.48%*	*79.19%*
Total Equity	*10.26%*	*14.52%*	*20.81%*
Total Liabilities & Shareholders' Equity	***100.00%***	***100.00%***	***100.00%***
Total Common Shares Outstanding	455.7	466.4	480.2

6/30/2013
5.27%
0.09%
4.94%
70.94%
81.24%
6.32%
-4.07%
0.43%
9.42%
1.99%
0.97%
3.69%
100.00%
0.48%
5.61%
0.00%
70.55%
76.65%
0.05%
0.73%
3.40%
80.82%
19.18%
100.00%
482.6

	A	B	C
1	**Elvis Products International**		
2	**Income Statement**		
3	**For the Year Ended Dec. 31, 2020**		
4		***2020***	***2019***
5	Sales	3,850,000	3,432,000
6	Cost of Goods Sold	3,250,000	2,864,000
7	***Gross Profit***	***600,000***	***568,000***
8	Selling and G&A Expenses	330,300	240,000
9	Fixed Expenses	100,000	100,000
10	Depreciation Expense	20,000	18,900
11	***EBIT***	***149,700***	***209,100***
12	Interest Expense	76,000	62,500
13	***Earnings Before Taxes***	***73,700***	***146,600***
14	Taxes	18,425	36,650
15	***Net Income***	***55,275***	***109,950***
16			
17	Notes:		
18	Tax Rate	25%	

	A	B	C
1	**Elvis Products International**		
2	**Income Statement**		
3	**For the Year Ended Dec. 31, 2020 ($ in 000's)**		
4		***2020***	***2019***
5	Sales	3,850.00	3,432.00
6	Cost of Goods Sold	3,250.00	2,864.00
7	***Gross Profit***	***600.00***	***568.00***
8	Selling and G&A Expenses	330.30	240.00
9	Fixed Expenses	100.00	100.00
10	Depreciation Expense	20.00	18.90
11	***EBIT***	***149.70***	***209.10***
12	Interest Expense	76.00	62.50
13	***Earnings Before Taxes***	***73.70***	***146.60***
14	Taxes	18.43	36.65
15	***Net Income***	***55.28***	***109.95***
16			

	A	B	C	D	E
1	**Elvis Products International**				
2	**Common-size Income Statement**				
3	**For the Year Ended Dec. 31, 2020**				
4		***2020***	***2019***		***Contribution***
5	Sales	100.00%	100.00%		
6	Cost of Goods Sold	84.42%	83.45%		-0.97%
7	***Gross Profit***	***15.58%***	***16.55%***		
8	Selling and G&A Expenses	8.58%	6.99%		-1.59%
9	Fixed Expenses	2.60%	2.91%		0.32%
10	Depreciation Expense	0.52%	0.55%		0.03%
11	***EBIT***	***3.89%***	***6.09%***		
12	Interest Expense	1.97%	1.82%		-0.15%
13	***Earnings Before Taxes***	***1.91%***	***4.27%***		
14	Taxes	0.48%	1.07%		0.59%
15	***Net Income***	***1.44%***	***3.20%***		***-1.77%***
16					

	A	B	C	D
1	**Elvis Products International**			
2	**Pro forma Income Statement**			
3	**For the Year Ended Dec. 31, 2020**			
4		***2021****	***2020***	***2019***
5	Sales	4,300.00	3,850.00	3,432.00
6	Cost of Goods Sold	3,609.11	3,250.00	2,864.00
7	***Gross Profit***	***690.89***	***600.00***	***568.00***
8	Selling and G&A Expenses	334.80	330.30	240.00
9	Fixed Expenses	100.00	100.00	100.00
10	Depreciation Expense	25.00	20.00	18.90
11	***EBIT***	***231.09***	***149.70***	***209.10***
12	Interest Expense	76.00	76.00	62.50
13	***Earnings Before Taxes***	***155.09***	***73.70***	***146.60***
14	Taxes	38.77	18.43	36.65
15	***Net Income***	***116.32***	***55.28***	***109.95***
16	* Forecast			
17				
18	Notes:			
19	Tax Rate	25%	25%	
20	Additional Depreciation	5.00		

	A	B	C
1	**Elvis Products International**		
2	**Balance Sheet**		
3	**As of Dec. 31, 2020**		
4	***Assets***	***2020***	***2019***
5	Cash and Equivalents	52,000	57,600
6	Accounts Receivable	402,000	351,200
7	Inventory	836,000	715,200
8	*Total Current Assets*	*1,290,000*	*1,124,000*
9	Plant & Equipment	527,000	491,000
10	Accumulated Depreciation	166,200	146,200
11	*Net Fixed Assets*	*360,800*	*344,800*
12	***Total Assets***	***1,650,800***	***1,468,800***
13	***Liabilities and Owner's Equity***		
14	Accounts Payable	175,200	145,600
15	Short-term Notes Payable	225,000	200,000
16	Other Current Liabilities	140,000	136,000
17	*Total Current Liabilities*	*540,200*	*481,600*
18	Long-term Debt	424,612	323,432
19	*Total Liabilities*	*964,812*	*805,032*
20	Common Stock	460,000	460,000
21	Retained Earnings	225,988	203,768
22	*Total Shareholder's Equity*	*685,988*	*663,768*
23	***Total Liabilities and Owner's Equity***	***1,650,800***	***1,468,800***
24			

	A	B	C
1	**Elvis Products International**		
2	**Balance Sheet**		
3	**As of Dec. 31, 2020 ($ in 000's)**		
4	***Assets***	***2020***	***2019***
5	Cash and Equivalents	52.00	57.60
6	Accounts Receivable	402.00	351.20
7	Inventory	836.00	715.20
8	*Total Current Assets*	*1,290.00*	*1,124.00*
9	Plant & Equipment	527.00	491.00
10	Accumulated Depreciation	166.20	146.20
11	*Net Fixed Assets*	*360.80*	*344.80*
12	***Total Assets***	***1,650.80***	***1,468.80***
13	***Liabilities and Owner's Equity***		
14	Accounts Payable	175.20	145.60
15	Short-term Notes Payable	225.00	200.00
16	Other Current Liabilities	140.00	136.00
17	*Total Current Liabilities*	*540.20*	*481.60*
18	Long-term Debt	424.61	323.43
19	*Total Liabilities*	*964.81*	*805.03*
20	Common Stock	460.00	460.00
21	Retained Earnings	225.99	203.77
22	*Total Shareholder's Equity*	*685.99*	*663.77*
23	***Total Liabilities and Owner's Equity***	***1,650.80***	***1,468.80***
24			

	A	B	C
1	**Elvis Products International**		
2	**Common-size Balance Sheet**		
3	**As of Dec. 31, 2020**		
4	***Assets***	***2020***	***2019***
5	Cash and Equivalents	3.15%	3.92%
6	Accounts Receivable	24.35%	23.91%
7	Inventory	50.64%	48.69%
8	*Total Current Assets*	*78.14%*	*76.53%*
9	Plant & Equipment	31.92%	33.43%
10	Accumulated Depreciation	10.07%	9.95%
11	*Net Fixed Assets*	*21.86%*	*23.47%*
12	***Total Assets***	**100.00%**	**100.00%**
13	***Liabilities and Owner's Equity***		
14	Accounts Payable	10.61%	9.91%
15	Short-term Notes Payable	13.63%	13.62%
16	Other Current Liabilities	8.48%	9.26%
17	*Total Current Liabilities*	*32.72%*	*32.79%*
18	Long-term Debt	25.72%	22.02%
19	*Total Liabilities*	*58.45%*	*54.81%*
20	Common Stock	27.87%	31.32%
21	Retained Earnings	13.69%	13.87%
22	*Total Shareholder's Equity*	*41.55%*	*45.19%*
23	***Total Liabilities and Owner's Equity***	**100.00%**	**100.00%**
24			

	A	B	C	D
1	**Elvis Products International**			
2	**Pro forma Balance Sheet**			
3	**As of Dec. 31, 2020**			
4	***Assets***	***2021****	***2020***	***2019***
5	Cash and Equivalents	52.00	52.00	57.60
6	Accounts Receivable	444.51	402.00	351.20
7	Inventory	914.90	836.00	715.20
8	*Total Current Assets*	*1,411.40*	*1,290.00*	*1,124.00*
9	Plant & Equipment	577.00	527.00	491.00
10	Accumulated Depreciation	191.20	166.20	146.20
11	*Net Fixed Assets*	*385.80*	*360.80*	*344.80*
12	***Total Assets***	***1,797.20***	***1,650.80***	***1,468.80***
13	***Liabilities and Owner's Equity***			
14	Accounts Payable	189.05	175.20	145.60
15	Short-term Notes Payable	225.00	225.00	200.00
16	Other Current Liabilities	163.38	140.00	136.00
17	*Total Current Liabilities*	*577.43*	*540.20*	*481.60*
18	Long-term Debt	424.61	424.61	323.43
19	*Total Liabilities*	*1,002.04*	*964.81*	*805.03*
20	Common Stock	460.00	460.00	460.00
21	Retained Earnings	309.25	225.99	203.77
22	*Total Shareholder's Equity*	*769.25*	*685.99*	*663.77*
23	***Total Liabilities and Owner's Equity***	***1,771.29***	***1,650.80***	***1,468.80***
24	*Forecast			
25	Discretionary Financing Needed	25.91	Deficit	
26				
27	Notes:			
28	Net Addition to Plant & Equipment	50.00		
29	Life of New Equipment in Years	10		
30	New Depreciation (Straight Line)	5.00		

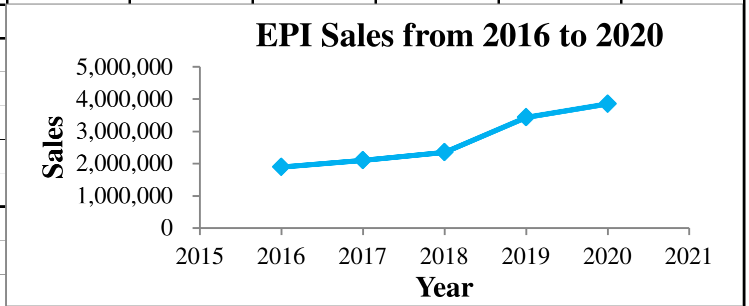
	A	B	C
1	**Elvis Products International**		
2	**Statement of Cash Flows**		
3	**For the Year Ended Dec. 31, 2020 ($ in 000's)**		
4	**Cash Flows from Operations**		
5	Net Income	55.28	
6	Depreciation Expense	20.00	
7	Change in Accounts Receivable	-50.80	
8	Change in Inventories	-120.80	
9	Change in Accounts Payable	29.60	
10	Change in Other Current Liabilities	4.00	
11	***Total Cash Flows from Operations***		***-62.73***
12	**Cash Flows from Investing**		
13	Change in Plant & Equipment	-36.00	
14	***Total Cash Flows from Investing***		***-36.00***
15	**Cash Flows from Financing**		
16	Change in Short-term Notes Payable	25.00	
17	Change in Long-term Debt	101.18	
18	Change in Common Stock	0.00	
19	Cash Dividends Paid to Shareholders	-33.06	
20	***Total Cash Flows from Financing***		***93.13***
21	**Net Change in Cash Balance**		**-5.60**
22			

	A	B	C	D	E	F
1	**Elvis Products International**				Denominator	2
2	**Common-size Statement of Cash Flows**					
3	**For the Year Ended Dec. 31, 2020**					
4	**Cash Flows from Operations**	**% of Beginning Cash**				
5	Net Income	95.96%				
6	Depreciation Expense	34.72%				
7	Change in Accounts Receivable	-88.19%				
8	Change in Inventories	-209.72%				
9	Change in Accounts Payable	51.39%				
10	Change in Other Current Liabilities	6.94%				
11	***Total Cash Flows from Operations***		***-108.90%***			
12	**Cash Flows from Investing**					
13	Change in Plant & Equipment	-62.50%				
14	***Total Cash Flows from Investing***		***-62.50%***			
15	**Cash Flows from Financing**					
16	Change in Short-term Notes Payable	43.40%				
17	Change in Long-term Debt	175.66%				
18	Change in Common Stock	0.00%				
19	Cash Dividends Paid to Shareholders	-57.39%				
20	***Total Cash Flows from Financing***		***161.68%***			
21	**Net Change in Cash Balance**		**-9.72%**			
22						

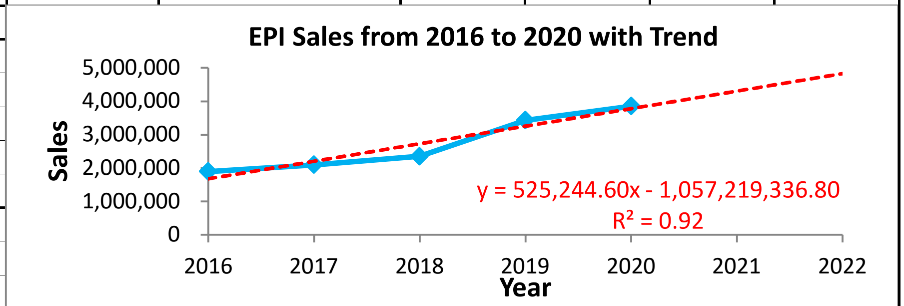
	A	B	C	D	E
1	**Elvis Products International**				
2	**Ratio Analysis for 2019 and 2020**				
3	**Ratio**	**2020**	**2019**	**Industry 2020**	**Analysis**
4	**Liquidity Ratios**				
5	Current Ratio	2.39x	2.33x	2.70x	Ok
6	Quick Ratio	0.84x	0.85x	1.00x	Bad
7	**Efficiency Ratios**				
8	Inventory Turnover	3.89x	4.00x	7.00x	Bad
9	A/R Turnover	9.58x	9.77x	10.70x	Bad
10	Average Collection Period	37.59 days	36.84 days	33.64 days	Bad
11	Fixed Asset Turnover	10.67x	9.95x	11.20x	Ok
12	Total Asset Turnover	2.33x	2.34x	2.60x	Bad
13	**Leverage Ratios**				
14	Total Debt Ratio	58.45%	54.81%	50.00%	Bad
15	Long-term Debt Ratio	25.72%	22.02%	20.00%	Bad
16	LTD to Total Capitalization	38.23%	32.76%	28.57%	Bad
17	Debt to Equity	1.41x	1.21x	1.00x	Bad
18	LTD to Equity	61.90%	48.73%	40.00%	Bad
19	**Coverage Ratios**				
20	Times Interest Earned	1.97x	3.35x	2.50x	Bad
21	Cash Coverage Ratio	2.23x	3.65x	2.80x	Bad
22	**Profitability Ratios**				
23	Gross Profit Margin	15.58%	16.55%	17.50%	Bad
24	Operating Profit Margin	3.89%	6.09%	6.25%	Bad
25	Net Profit Margin	1.44%	3.20%	3.50%	Bad
26	Return on Total Assets	3.35%	7.49%	9.10%	Bad
27	Return on Equity	8.06%	16.56%	18.20%	Bad
28	Return on Common Equity	8.06%	16.56%	18.20%	Bad

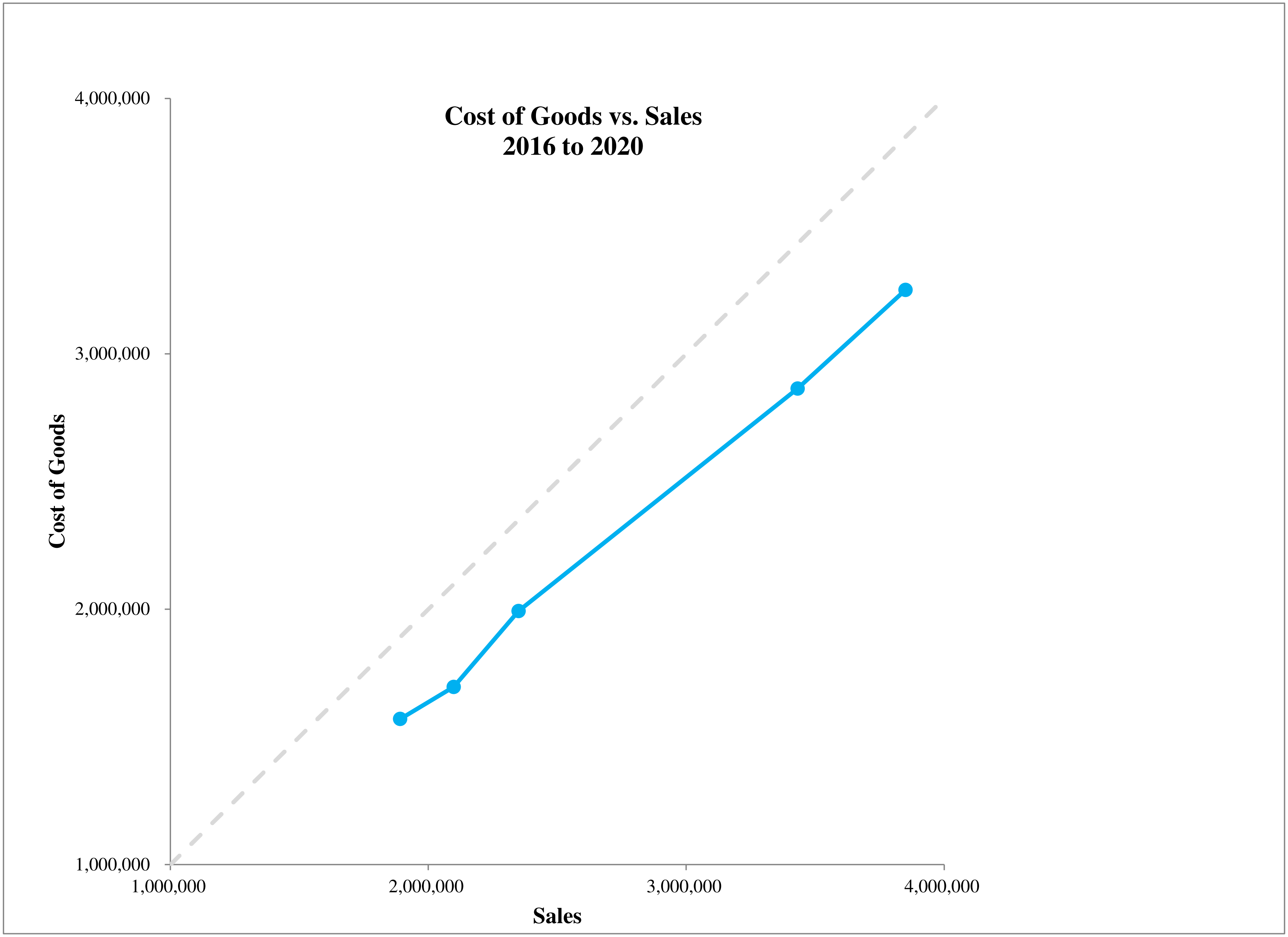
	A	B	C
1	**Elvis Products International**		
2	**Economic Profit Calculations**		
3		**2020**	**2019**
4	Tax Rate	25%	25%
5	NOPAT	112,275	156,825
6	Total Operating Capital	1,335,600	1,187,200
7	After-tax Cost of Capital	13%	13%
8	Dollar Cost of Capital	173,628	154,336
9	Economic Profit	(61,353)	2,489
10			

	A	B
1	**Year**	**Sales**
2	2016	1,890,532
3	2017	2,098,490
4	2018	2,350,308
5	2019	3,432,000
6	2020	3,850,000
7		
8		
9		
10		



	A	B	C	D	E	F	G	H
1	**Year**	**Sales**						
2	2016	1,890,532						
3	2017	2,098,490						
4	2018	2,350,308						
5	2019	3,432,000						
6	2020	3,850,000						
7	2021	4,300,000						
8	2022	4,825,244						
9	2023	5,350,489						
10								




Cost of Goods vs. Sales
2016 to 2020
4,000,000
3,000,000
2,000,000
1,000,000
Cost of Goods
1,000,000
2,000,000
3,000,000
4,000,000
Sales

Year	Sales	Cost of Goods
2016	1,890,532	1,570,200
2017	2,098,490	1,695,694
2018	2,350,308	1,992,400
2019	3,432,000	2,864,000
2020	3,850,000	3,250,000

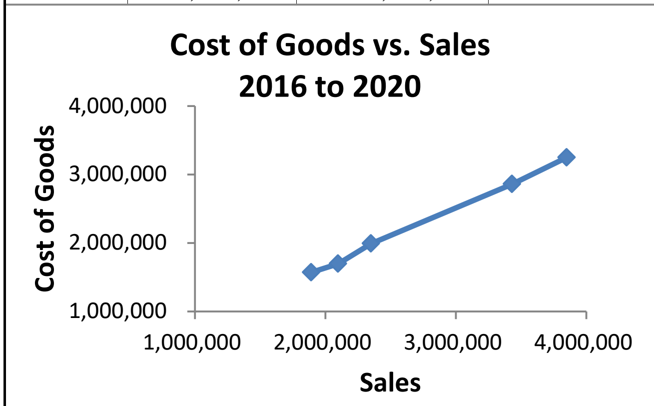
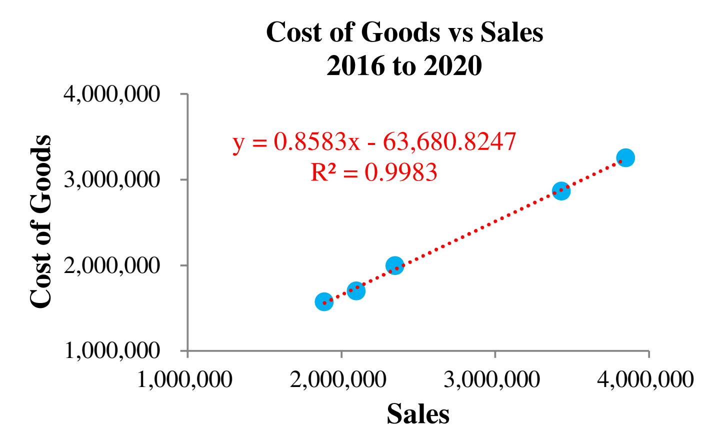


Chart Title	Cost of Goods vs Sales2016 to 2020		
45-degree line data for chart			
1,000,000	1,000,000		
4,000,000	4,000,000		

	A	B	C	D	E	F	G
1	SUMMARY OUTPUT						
2							
3	*Regression Statistics*						
4	Multiple R	99.91%					
5	R Square	99.83%					
6	Adjusted R Square	99.77%					
7	Standard Error	35,523.08					
8	Observations	5					
9							
10	ANOVA						
11		*df*	*SS*	*MS*	*F*	*Significance F*	
12	Regression	1	2,205,960,110,240	2,205,960,110,240	1,748.1412	0.0000	
13	Residual	3	3,785,666,909	1,261,888,970			
14	Total	4	2,209,745,777,149				
15							
16		*Coefficients*	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
17	Intercept	-63,680.8247	58,134.6760	-1.0954	0.3534	-248,691.3096	121,329.6601
18	Sales	0.8583	0.0205	41.8108	0.0000	0.7929	0.9236

	A	B	C	D	E
1	**Year**	**Sales**	**Cost of Goods**		
2	2016	1,890,532	1,570,200		Intercept
3	2017	2,098,490	1,695,694		Slope
4	2018	2,350,308	1,992,400		
5	2019	3,432,000	2,864,000		
6	2020	3,850,000	3,250,000		
7	2021*	4,300,000	3,626,855		
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21	*Forecast				