

STOCK PORTFOLIO ANALYSIS

Transaction Sources & Uses

Sources (Initial Capital - June 1, 2018)	Interest Rate
Margin Loan	50,000 50.0% 7.00%
Equity	50,000 50.0%
Total	100,000 100.0%

Uses	Amount	%	Interest Rate
Stocks	\$ 88,500	88.5%	
Cash	\$ 11,500	11.5%	1.50%
Total	\$ 100,000	100.0%	

SUMMARY

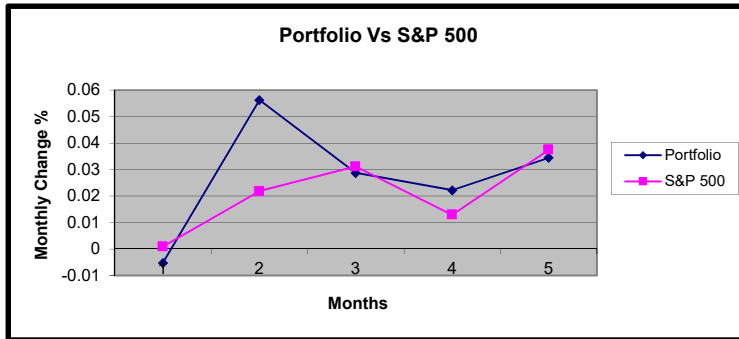
Portfolio Return Analysis	1-Jun-18	2-Jul-18	1-Aug-18	3-Sep-18	1-Oct-18	1-Nov-18	3-Dec-18
Summary Equity Cash Flow	\$ (50,000)	\$ (27)	\$ 1,593	\$ 2,815	\$ (3)	\$ (97)	\$ 64,608
Summary Portfolio Value (incl. Cash)	\$ 100,000	\$ 99,473	\$ 105,065	\$ 108,080	\$ 110,477	\$ 114,280	
Portfolio Appreciation/(Depreciation) - P		-0.527%	5.622%	2.869%	2.218%	3.443%	
Cummulative Appreciaton		-0.527%	5.095%	7.964%	10.182%	13.625%	
S&P 500 (Market - M)		0.091%	2.180%	3.111%	1.293%	3.745%	

Portfolio Returns/Analysis

HPR (Unlevered) - Risky Portfolio	13.34%
HPR (Levered)	37.78%
Average Monthly Returns (N-1)	2.72%
Standard Deviation	2.22%
Sharpe Ratio (Monthly)	0.55

S&P Return/Analysis

Average Monthly Returns (n-1)	2.08%
Standard Deviation	1.45%
Sharpe Ratio (Monthly)	0.40



P (Y - Avg Y)	M (X - Avg X)	P x M	M^2
-0.03252	-0.01993	0.00065	0.00040
0.02897	0.00096	0.00003	0.00000
0.00144	0.01027	0.00001	0.00011
-0.00507	-0.00791	0.00004	0.00006
0.00718	0.01661	0.00012	0.00028
		0.00085	0.00084
		Beta (Slope) = 1.0096	

Regression Statistics

Regression Statistics	
Multiple R	0.6589
R Square	0.43420968
Adjusted R Squar	-1.6667
Standard Error	0.0193
Observations	1

ANOVA

	df	SS	MS	F
Regression	5	0.0009	0.0002	2.3023
Residual	3	0.0011	0.0004	
Total	8	0.0020		

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept							-1.3756	1.3881
X Variable 4	0.0062	0.0163	0.3802	0.7291	-0.0458	0.0582	-0.0458	0.0582
X Variable 5	1.0096	0.6654	1.5173	0.2265	-1.1079	3.1270	-1.1079	3.1270

CASH FLOW ANALYSIS

	0	1	2	3	4	5	6	
IRR per month	1-Jun-18	2-Jul-18	1-Aug-18	3-Sep-18	1-Oct-18	1-Nov-18	3-Dec-18	
Beginning Cash	50,000	11,500	11,473	13,065	15,880	15,877	15,780	
Plus Dividends	0	\$ 250	\$ 120	\$ 390	\$ 269	\$ 175	\$ -	
Buy / Sell Stock	\$ (88,500)	\$ -	\$ 1,750	\$ 2,700	\$ -	\$ -	\$ 99,100	
Less Debt (Principal)	\$ 50,000						\$ (50,000)	
Less Debt (Interest Payments)		\$ (292)	\$ (292)	\$ (292)	\$ (292)	\$ (292)	\$ (292)	
Interest Income		\$ 14	\$ 14	\$ 16	\$ 20	\$ 20	\$ 20	
Plus Cash	\$ (11,500)						\$ 15,780	
Total Cash Flow	5.71%	\$ (50,000)	\$ (27)	\$ 1,593	\$ 2,815	\$ (3)	\$ (97)	\$ 64,608
Cash Deposit	\$ 11,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (15,780)	
Ending Cash	11,500	11,473	13,065	15,880	15,877	15,780	64,608	
Cash % of Total Value	11.5%	11.5%	12.4%	14.7%	14.4%	13.8%	100.0%	

Stock Prices

			0	1	2	3	4	5	6
	Companies	Industry	1-Jun-18	2-Jul-18	1-Aug-18	3-Sep-18	1-Oct-18	1-Nov-18	3-Dec-18
1	ABC	Chemicals	23.00	24.00	22.50	25.00	26.00	28.00	32.00
2	BCD	Industrial	12.00	10.00	12.00	12.00	15.00	18.00	18.00
3	CDE	Publishing	18.00	19.00	20.00	19.00	22.00	20.00	18.00
4	DEF	Hospitality	40.00	42.00	48.00	49.00	51.00	55.00	54.00
5	EFG	TV/Cable	52.00	60.00	60.00	60.00	62.00	64.00	65.00
6	FGH	Techonlogy	31.00	20.00	25.00	26.00	20.00	22.00	25.00
7	GHI	Service	15.00	16.00	17.00	18.00	19.00	19.00	18.00
8	HIK	Retail	8.00	9.50	10.50	11.00	11.50	12.00	12.50
9	IKL	Pharmaceutical	15.00	13.00	12.00	14.00	15.00	18.00	20.00
10	KLM	Healthcare	25.00	26.00	26.00	26.00	26.00	26.00	20.00
11	LMN	Hospitality		30.00	32.00	35.00	42.00	44.00	45.00
12	MNO	TV/Cable		20.00	19.00	18.00	18.00	16.00	18.00
13	NOP	Techonlogy		52.00	55.00	56.00	58.00	59.00	65.00
14	OPQ	Retail			11.00	11.00	11.00	11.00	12.00
15	PQR	Chemicals					20.00	22.00	23.00
	S&P	Index	1,100.00	1,101.00	1,125.00	1,160.00	1,175.00	1,219.00	

Number of Shares Own

			0	1	2	3	4	5	6
	Companies	Industry	1-Jun-18	2-Jul-18	1-Aug-18	3-Sep-18	1-Oct-18	1-Nov-18	3-Dec-18
1	ABC	Chemicals	500	500	200	200	200	200	0
2	BCD	Industrial	500	500	200	200	200	200	0
3	CDE	Publishing	400	400	300	300	300	300	0
4	DEF	Hospitality	300	300	300	200	200	200	0
5	EFG	TV/Cable	200	200	200	200	200	200	0
6	FGH	Techonlogy	400	400	400	400	100	100	0
7	GHI	Service	600	600	600	600	600	600	0
8	HIK	Retail	1000	1000	1000	1000	1000	1000	0
9	IKL	Pharmaceutical	300	300	300	300	300	300	0
10	KLM	Healthcare	300	300	300	300	300	300	0
11	LMN	Hospitality	0	0	100	100	100	100	0
12	MNO	TV/Cable	0	0	100	100	100	100	0
13	NOP	Techonlogy	0	0	100	100	100	100	0
14	OPQ	Retail	0	0	0	200	200	200	0
15	PQR	Chemicals	0	0	0	0	300	300	0

Bought / Sold - Shares

			0	1	2	3	4	5	6
	Companies	Industry	1-Jun-18	2-Jul-18	1-Aug-18	3-Sep-18	1-Oct-18	1-Nov-18	3-Dec-18
1	ABC	Chemicals	500		-300				-200
2	BCD	Industrial	500		-300				-200
3	CDE	Publishing	400		-100				-300
4	DEF	Hospitality	300			-100			-200
5	EFG	TV/Cable	200						-200
6	FGH	Techonlogy	400				-300		-100
7	GHI	Service	600						-600
8	HIK	Retail	1000						-1000
9	IKL	Pharmaceutical	300						-300
10	KLM	Healthcare	300						-300
11	LMN	Hospitality			100				-100
12	MNO	TV/Cable			100				-100
13	NOP	Techonlogy			100				-100
14	OPQ	Retail				200			-200
15	PQR	Chemicals					300		-300

Bought / Sold - Shares			0	1	2	3	4	5	6
Companies	Industry	1-Jun-18	2-Jul-18	1-Aug-18	3-Sep-18	1-Oct-18	1-Nov-18	3-Dec-18	
1	ABC	Chemicals	\$ (11,500)	\$ -	\$ 6,750	\$ -	\$ -	\$ 6,400	
2	BCD	Industrial	\$ (6,000)	\$ -	\$ 3,600	\$ -	\$ -	\$ 3,600	
3	CDE	Publishing	\$ (7,200)	\$ -	\$ 2,000	\$ -	\$ -	\$ 5,400	
4	DEF	Hospitality	\$ (12,000)	\$ -	\$ -	\$ 4,900	\$ -	\$ 10,800	
5	EFG	TV/Cable	\$ (10,400)	\$ -	\$ -	\$ -	\$ -	\$ 13,000	
6	FGH	Techonlogy	\$ (12,400)	\$ -	\$ -	\$ -	\$ 6,000	\$ 2,500	
7	GHI	Service	\$ (9,000)	\$ -	\$ -	\$ -	\$ -	\$ 10,800	
8	HIK	Retail	\$ (8,000)	\$ -	\$ -	\$ -	\$ -	\$ 12,500	
9	IKL	Pharmaceutical	\$ (4,500)	\$ -	\$ -	\$ -	\$ -	\$ 6,000	
10	KLM	Healthcare	\$ (7,500)	\$ -	\$ -	\$ -	\$ -	\$ 6,000	
11	LMN	Hospitality	\$ -	\$ -	\$ (3,200)	\$ -	\$ -	\$ 4,500	
12	MNO	TV/Cable	\$ -	\$ -	\$ (1,900)	\$ -	\$ -	\$ 1,800	
13	NOP	Techonlogy	\$ -	\$ -	\$ (5,500)	\$ -	\$ -	\$ 6,500	
14	OPQ	Retail	\$ -	\$ -	\$ -	\$ (2,200)	\$ -	\$ 2,400	
15	PQR	Chemicals	\$ -	\$ -	\$ -	\$ -	\$ (6,000)	\$ 6,900	
Total			\$ (88,500)	\$ -	\$ 1,750	\$ 2,700	\$ -	\$ 99,100	

Total Value			0	1	2	3	4	5	6
Companies	Industry	1-Jun-18	2-Jul-18	1-Aug-18	3-Sep-18	1-Oct-18	1-Nov-18	3-Dec-18	
1	ABC	Chemicals	\$ 11,500	\$ 12,000	\$ 4,500	\$ 5,000	\$ 5,200	\$ 5,600	\$ -
2	BCD	Industrial	\$ 6,000	\$ 5,000	\$ 2,400	\$ 2,400	\$ 3,000	\$ 3,600	\$ -
3	CDE	Publishing	\$ 7,200	\$ 7,600	\$ 6,000	\$ 5,700	\$ 6,600	\$ 6,000	\$ -
4	DEF	Hospitality	\$ 12,000	\$ 12,600	\$ 14,400	\$ 9,800	\$ 10,200	\$ 11,000	\$ -
5	EFG	TV/Cable	\$ 10,400	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,400	\$ 12,800	\$ -
6	FGH	Techonlogy	\$ 12,400	\$ 8,000	\$ 10,000	\$ 10,400	\$ 2,000	\$ 2,200	\$ -
7	GHI	Service	\$ 9,000	\$ 9,600	\$ 10,200	\$ 10,800	\$ 11,400	\$ 11,400	\$ -
8	HIK	Retail	\$ 8,000	\$ 9,500	\$ 10,500	\$ 11,000	\$ 11,500	\$ 12,000	\$ -
9	IKL	Pharmaceutical	\$ 4,500	\$ 3,900	\$ 3,600	\$ 4,200	\$ 4,500	\$ 5,400	\$ -
10	KLM	Healthcare	\$ 7,500	\$ 7,800	\$ 7,800	\$ 7,800	\$ 7,800	\$ 7,800	\$ -
11	LMN	Hospitality	\$ -	\$ -	\$ 3,200	\$ 3,500	\$ 4,200	\$ 4,400	\$ -
12	MNO	TV/Cable	\$ -	\$ -	\$ 1,900	\$ 1,800	\$ 1,800	\$ 1,600	\$ -
13	NOP	Techonlogy	\$ -	\$ -	\$ 5,500	\$ 5,600	\$ 5,800	\$ 5,900	\$ -
14	OPQ	Retail	\$ -	\$ -	\$ -	\$ 2,200	\$ 2,200	\$ 2,200	\$ -
15	PQR	Chemicals	\$ -	\$ -	\$ -	\$ -	\$ 6,000	\$ 6,600	\$ -
Total Value			\$ 88,500	\$ 88,000	\$ 92,000	\$ 92,200	\$ 94,600	\$ 98,500	\$ -
Cash			\$ 11,500	\$ 11,473	\$ 13,065	\$ 15,880	\$ 15,877	\$ 15,780	\$ 64,608
Total Value			\$ 100,000	\$ 99,473	\$ 105,065	\$ 108,080	\$ 110,477	\$ 114,280	\$ 64,608

Dividends Paid per Share			0	1	2	3	4	5	6
Companies	Industry	1-Jun-18	2-Jul-18	1-Aug-18	3-Sep-18	1-Oct-18	1-Nov-18	3-Dec-18	
1	ABC	Chemicals	\$ 0.20					\$ 0.20	
2	BCD	Industrial	\$ 0.30					\$ 0.30	
3	CDE	Publishing							
4	DEF	Hospitality		\$ 0.40					
5	EFG	TV/Cable			\$ 0.75				
6	FGH	Techonlogy							
7	GHI	Service			\$ 0.40				
8	HIK	Retail				\$ 0.20			
9	IKL	Pharmaceutical				\$ 0.23			
10	KLM	Healthcare					\$ 0.25		
11	LMN	Hospitality							
12	MNO	TV/Cable							
13	NOP	Techonlogy							
14	OPQ	Retail							
15	PQR	Chemicals							

Total Cash Dividends			0	1	2	3	4	5	6
	Companies	Industry	1-Jun-18	2-Jul-18	1-Aug-18	3-Sep-18	1-Oct-18	1-Nov-18	3-Dec-18
1	ABC	Chemicals	\$ 100	\$ -	\$ -	\$ -	\$ -	\$ 40	\$ -
2	BCD	Industrial	\$ 150	\$ -	\$ -	\$ -	\$ -	\$ 60	\$ -
3	CDE	Publishing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	DEF	Hospitality	\$ -	\$ 120	\$ -	\$ -	\$ -	\$ -	\$ -
5	EFG	TV/Cable	\$ -	\$ -	\$ -	\$ 150	\$ -	\$ -	\$ -
6	FGH	Techonlogy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	GHI	Service	\$ -	\$ -	\$ 240	\$ -	\$ -	\$ -	\$ -
8	HIK	Retail	\$ -	\$ -	\$ -	\$ -	\$ 200	\$ -	\$ -
9	IKL	Pharmaceutical	\$ -	\$ -	\$ -	\$ -	\$ 69	\$ -	\$ -
10	KLM	Healthcare	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75	\$ -
11	LMN	Hospitality	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	MNO	TV/Cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	NOP	Techonlogy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14	OPQ	Retail	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	PQR	Chemicals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total			\$ 250	\$ 120	\$ 390	\$ 269	\$ 175	\$ -	\$ -

Diversification Factors

	1-Jun-18	2-Jul-18	1-Aug-18	3-Sep-18	1-Oct-18	1-Nov-18
Industry Concertration						
Chemicals	13.0%	13.6%	4.9%	5.4%	11.8%	12.4%
Healthcare	8.5%	8.9%	8.5%	8.5%	8.2%	7.9%
Hospitality	13.6%	14.3%	19.1%	14.4%	15.2%	15.6%
Industrial	6.8%	5.7%	2.6%	2.6%	3.2%	3.7%
Pharmaceutical	5.1%	4.4%	3.9%	4.6%	4.8%	5.5%
Publishing	8.1%	8.6%	6.5%	6.2%	7.0%	6.1%
Retail	9.0%	10.8%	11.4%	14.3%	14.5%	14.4%
Service	10.2%	10.9%	11.1%	11.7%	12.1%	11.6%
Techonlogy	14.0%	9.1%	16.8%	17.4%	8.2%	8.2%
TV/Cable	11.8%	13.6%	15.1%	15.0%	15.0%	14.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Total	\$ 88,500	\$ 88,000	\$ 92,000	\$ 92,200	\$ 94,600	\$ 98,500

Company Concertration

ABC	13.0%	13.6%	4.9%	5.4%	5.5%	5.7%
BCD	6.8%	5.7%	2.6%	2.6%	3.2%	3.7%
CDE	8.1%	8.6%	6.5%	6.2%	7.0%	6.1%
DEF	13.6%	14.3%	15.7%	10.6%	10.8%	11.2%
EFG	11.8%	13.6%	13.0%	13.0%	13.1%	13.0%
FGH	14.0%	9.1%	10.9%	11.3%	2.1%	2.2%
GHI	10.2%	10.9%	11.1%	11.7%	12.1%	11.6%
HIK	9.0%	10.8%	11.4%	11.9%	12.2%	12.2%
IKL	5.1%	4.4%	3.9%	4.6%	4.8%	5.5%
KLM	8.5%	8.9%	8.5%	8.5%	8.2%	7.9%
LMN	0.0%	0.0%	3.5%	3.8%	4.4%	4.5%
MNO	0.0%	0.0%	2.1%	2.0%	1.9%	1.6%
NOP	0.0%	0.0%	6.0%	6.1%	6.1%	6.0%
OPQ	0.0%	0.0%	0.0%	2.4%	2.3%	2.2%
PQR	0.0%	0.0%	0.0%	0.0%	6.3%	6.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%