

**BEFORE THE
SURFACE TRANSPORTATION BOARD**

300072

Ex Parte No. 761

HEARING ON REVENUE ADEQUACY

Ex Parte No. 722

RAILROAD REVENUE ADEQUACY

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**WRITTEN TESTIMONY OF PROFESSOR KEVIN MURPHY, PH.D., AND
PROFESSOR MARK ZMIJEWSKI, PH.D., ON BEHALF OF UNION PACIFIC
RAILROAD COMPANY, NORFOLK SOUTHERN RAILWAY COMPANY,
AND CN**

Pursuant to the Board's September 12, 2019 order in the above-captioned proceeding, Professor Kevin Murphy, Ph.D., George J. Stigler Distinguished Service Professor of Economics at the University of Chicago Booth School of Business, Professor Mark Zmijewski, Ph.D., Professor Emeritus at the University of Chicago Booth School of Business, and Matthew J. Warren, Sidley Austin LLP, submit this summary of the testimony they will present on behalf of Union Pacific Railroad Company ("Union Pacific"), Norfolk Southern Railway Company ("NS"), and the U.S. rail operating affiliates of Canadian National Railway Company (collectively "CN") at the December 12-13, 2019 hearing. (Union Pacific, NS, and CN will also each be appearing individually.)

The panel testimony will focus on a fundamental threshold question: are the Board's annual revenue adequacy determinations sufficient to allow the Board to fulfill its twin statutory responsibilities to *measure* "revenue adequacy" as Congress

defined it and to *assist* railroads in becoming revenue adequate? The evidence shows those annual revenue adequacy determinations are not sufficient for either task. This is so, in part, because the agency is not considering highly relevant evidence about typical rates of return for the companies with which railroads compete for capital. Indeed, 88% of firms in the S&P 500 earn returns on invested capital (ROIC) *over* their cost of capital (using the same methodologies the Board uses to calculate railroad ROIC and cost of capital). In other words, a substantial majority of major public companies in nearly every industry is “revenue adequate” under the Board’s current definition—often by margins that dwarf those achieved by any railroad.

Professor Murphy will detail economic principles for evaluating railroads’ financial performance and for making decisions about whether additional regulation is warranted. He will explain that it is consistent with competitive markets for firms to earn returns above their cost of capital, whether through increased productivity, successful investments in new competitive businesses, or superior customer service relative to peers. He will also explain that returns above the cost of capital are particularly common when return on investment is measured using accounting book value rather than the replacement cost of assets.

Professors Murphy and Zmijewski will explain that the ROIC calculated by the Board for annual revenue adequacy determinations is an accounting rate of return based on depreciated historical costs. Such measures are generally recognized to be uninformative about a firm’s actual historical returns and on its

ability to attract capital. For this reason, a revenue adequacy measurement ideally would assess the expected future rate of return on the replacement cost of a railroad's assets, which better reflects the expected rate of return on incremental investment, not the rate of return on the accounting book value reflected on a balance sheet. For these reasons, there is no basis for the Board to determine that an ROIC above the cost of capital means that a firm is "revenue adequate" and absolutely no basis to assume that an ROIC at those levels should be a trigger for regulatory constraints.

Professor Zmijewski will present the results of a comparative data analysis showing that, using the Board's methodologies, the vast majority of firms in the S&P 500 would earn returns on investment far above their cost of capital.¹ As Table 1 below demonstrates, between 2006 and 2018, on average, 88% of all firms in the S&P 500² earned a return on investment above their cost of capital, using the STB's current ROIC methodology and its current cost of capital methodology. The median firm earned an ROIC at 19% above its cost of capital. (In other words, if the cost of capital were 10%, the median firm earned an ROIC of 29%). Under this analysis, using the STB's suboptimal ROIC and cost of capital methodology, each of the Class

¹ Exhibit 1 to this testimony shows the calculated ROIC minus cost of capital and Adjusted ROIC minus cost of capital for Class I railroads and firms in the S&P 500 comparable group. Exhibit 1 is included in both pdf and native spreadsheet format.

² Certain firms in the S&P 500 were excluded from the analysis because the nature of their business causes them to have substantially different capital structures from other firms. In particular, financial services firms and real estate firms were excluded from the comparison group. Railroads were also excluded from the comparison group.

I railroads earned an ROIC net of cost of capital below the median S&P 500 company in each of the studied years, as documented in Table 1.

Table 1

Sample of S&P 500 Companies Excluding Railroads, Financial Institutions and Real Estate Companies

Sample Number of Observations, Median, 25th Percentile, and % Positive ROIC minus COC				
	Minimum	Maximum	Median	Average
Number of Observations in Sample	368	405	395	391
Median ROIC minus COC	13%	29%	19%	19%
25th Percentile ROIC minus COC	-1%	6%	5%	4%
% with ROIC minus COC > 0.0%	73%	91%	89%	88%
Railroad Percentile in the Distribution of ROIC minus COC				
Industry Weighted Average ROIC	9	21	12	14
BNSF Railway	9	23	15	15
CSX Corporation	6	20	10	11
Grand Trunk Corporation	3	16	10	10
Kansas City Southern	4	18	8	9
Norfolk Southern Corporation	10	24	13	15
Soo Line Corporation	2	26	12	12
Union Pacific Corporation	8	30	22	19

Professor Zmijewski also calculated an alternative ROIC for each comparable firm that makes two adjustments to the Board's standard ROIC methodology. Each of the adjustments in this Adjusted STB ROIC calculation is designed to enable a more apples-to-apples comparison between railroads and firms in other industries.

The first adjustment in the Adjusted STB ROIC is to include non-goodwill intangible assets in a company's investment base. While this adjustment has little impact on railroads (which typically do not have significant non-goodwill intangible assets), it has a significant effect on certain firms that do have such assets in the form of brand names or trademarks. Including these assets in the investment bases of the comparable group improves the comparability between the firms in the group and the railroads by more accurately measuring the total assets of the comparable

group firms. The practical effect is generally to lower the ROIC for companies with non-goodwill intangible assets.

The second adjustment is to remove the distorting impacts of deferred taxes in the STB's formula. This adjustment both removes the effect of annual deferred taxes from the ROIC numerator and removes the effect of accumulated deferred taxes liabilities from the ROIC denominator.

Even after these adjustments are made, the comparison analysis documented in Table 2 below still shows that from 2006 to 2018, on average, 83% of S&P 500 firms earn Adjusted STB ROICs over their cost of capital, and that the median S&P 500 firm is earning an Adjusted STB ROIC 9% over its cost of capital (*i.e.*, if the cost of capital were 10%, the Adjusted STB ROIC would be 19%).

Table 2

Sample of S&P 500 Companies Excluding Railroads, Financial Institutions and Real Estate Companies

Sample Number of Observations, Median, 25th Percentile, and % Positive Adjusted ROIC minus COC				
	Minimum	Maximum	Median	Average
Number of Observations in Sample	393	415	409	407
Median Adjusted ROIC minus COC	5%	11%	9%	9%
25th Percentile Adjusted ROIC minus COC	-2%	3%	2%	2%
% with ROIC minus COC > 0.0%	68%	87%	84%	83%
<u>Railroad Percentile in the Distribution of Adjusted ROIC minus COC</u>				
Industry Weighted Average ROIC	9	22	13	13
BNSF Railway	8	24	13	14
CSX Corporation	6	20	10	11
Grand Trunk Corporation	4	15	9	10
Kansas City Southern	5	20	11	11
Norfolk Southern Corporation	7	21	11	12
Soo Line Corporation	1	34	13	14
Union Pacific Corporation	8	30	17	18

Mr. Warren will discuss the implications of this economic testimony and data analysis for the Board's regulatory activities. Two conclusions are clear from this evidence. First, this evidence definitively disproves the claims of some parties that a railroad determined by the Board's current approach to be "revenue adequate" must be earning unusual or supra-competitive profits and that any railroad reaching that threshold should have its revenues constrained. While the Board's imposition of a revenue adequacy constraint would be misguided at any profit level, it obviously makes no sense for such a harsh remedy to be activated once a railroad passes a threshold achieved by the vast majority of S&P 500 companies. It is true that the railroad industry has significantly improved its financial health, due in large part to Congress's and this agency's deregulatory policies. But the Board cannot assume that railroads are earning supra-competitive profits simply by clearing a profitability hurdle that nearly the entire S&P 500 clears.

Second, this evidence underscores the need for the Board's annual revenue adequacy determinations to consider the relative performance of railroads along with their competitors for capital. Any evidence-based decisionmaking about revenue adequacy must address the realities that railroads compete for capital in the same markets as unregulated firms in a variety of industries, and that the vast majority of those firms are earning returns well in excess of their own costs of capital. ³ The Board cannot determine the financial health of the railroad industry

³ STB Budget Request, Fiscal Year 2020, at 10 (reiterating Board's commitment to "evidence-based decisionmaking").

in a vacuum. Rather, the Board must consider the intense competition railroads face for scarce capital in the financial markets from other unregulated firms. Investors enjoy a multitude of options in deploying their capital, and they are naturally inclined to seek out those options where they expect to earn *more* than the cost of capital. Companies that consistently earn at or below their cost of capital will simply not be able to compete successfully for capital in the financial markets.

If the Board is to fulfill its statutory duty to measure whether railroads are earning “a reasonable and economic profit or return (or both) on capital employed in the business” and whether their returns “permit the raising of needed equity capital,” then the Board must consider how railroads’ returns compare to those of other competitors for capital in the financial markets.

Dated: November 26, 2019

RAILROADS

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
BNSF	BNSF RAILWAY CO	20	Industrials	1.49%	-1.36%	-1.24%	-1.76%	-0.75%	0.82%	2.35%	2.69%	2.23%	3.21%	1.23%	0.66%	-0.33%
CSX	CSX TRANSPORTATION INC	20	Industrials	-1.79%	-3.72%	-2.36%	-3.13%	-0.18%	-0.03%	-0.31%	-1.32%	-0.47%	-0.61%	-0.26%	-1.20%	0.96%
GTC	GRAND TRUNK CORP	20	Industrials	-0.47%	-1.22%	-1.86%	-4.39%	-1.82%	-2.83%	-0.93%	0.52%	0.65%	1.16%	-0.28%	-2.35%	-4.53%
KSU	KANSAS CITY SOUTHERN CO	20	Industrials	-0.63%	-1.96%	-4.05%	-3.92%	-1.26%	-0.81%	-1.58%	-2.65%	-2.47%	-2.41%	-2.65%	-2.95%	-4.19%
NSC	NORFOLK SOUTHERN CORP	20	Industrials	4.42%	2.22%	2.00%	-2.74%	-0.07%	1.30%	0.36%	0.75%	1.04%	-0.58%	0.32%	0.01%	-0.59%
SLC	SOO LINE CORP	20	Industrials	1.66%	3.92%	-2.46%	-4.15%	-3.02%	-4.44%	-5.97%	0.71%	-11.07%	4.89%	0.70%	0.67%	1.27%
UNP	UNION PACIFIC CORP	20	Industrials	-1.73%	-2.43%	-1.29%	-1.81%	0.51%	1.54%	3.57%	4.07%	6.70%	5.93%	4.51%	4.04%	3.58%

RAILROADS

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
BNSF	BNSF RAILWAY CO	20	Industrials	-0.65%	-3.14%	-2.71%	-2.24%	-1.47%	1.10%	-0.16%	-0.43%	0.12%	1.23%	-0.40%	-2.87%	-2.33%
CSX	CSX TRANSPORTATION INC	20	Industrials	-3.60%	-5.01%	-3.41%	-3.74%	-1.71%	-1.18%	-1.99%	-3.43%	-2.61%	-1.89%	-1.67%	-4.00%	-1.04%
GTC	GRAND TRUNK CORP	20	Industrials	-2.26%	-3.26%	-4.30%	-5.53%	-2.90%	-3.12%	-3.40%	-2.79%	-1.76%	-0.46%	-1.41%	-4.73%	-5.08%
KSU	KANSAS CITY SOUTHERN CO	20	Industrials	-1.33%	-2.69%	-3.77%	-3.84%	-1.14%	-0.95%	-1.27%	-1.72%	-1.76%	-1.78%	-2.17%	-4.55%	-3.91%
NSC	NORFOLK SOUTHERN CORP	20	Industrials	-0.94%	-2.23%	-0.67%	-3.46%	-2.23%	-0.83%	-2.13%	-2.12%	-1.65%	-2.40%	-1.70%	-3.13%	-2.32%
SLC	SOO LINE CORP	20	Industrials	2.34%	4.13%	-3.97%	-4.98%	-3.10%	-4.70%	-7.09%	-0.06%	-13.73%	1.86%	-0.38%	-2.57%	-0.25%
UNP	UNION PACIFIC CORP	20	Industrials	-3.59%	-4.05%	-2.12%	-2.51%	-1.09%	-0.16%	1.18%	0.86%	3.03%	3.00%	1.96%	-0.37%	0.99%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
MON	MONSANTO CO	15	Materials	10.30%	19.78%	30.42%	36.35%	14.88%	18.18%	26.33%	23.72%	28.98%	31.36%	18.68%	23.82%	
NEM	NEWMONT GOLDCORP CORP	15	Materials	9.69%	6.61%	0.54%	8.04%	15.11%	-0.92%	3.83%	-23.60%	-2.89%	-3.67%	-12.46%	-0.98%	-5.41%
FCX	FREEMPORT-MCMORAN INC	15	Materials	54.01%	29.59%	-32.21%	15.86%	29.06%	27.05%	12.96%	4.29%	-4.56%	-38.71%	-18.24%	4.72%	6.63%
BTU	PEABODY ENERGY CORP	10	Energy	1.48%	-3.08%	6.53%	-1.43%	6.15%	3.03%	-1.54%	-5.82%					
MUR	MURPHY OIL CORP	10	Energy	7.36%	6.83%	13.61%	-0.50%	0.52%	-1.10%	0.61%	-0.38%	-0.60%	-26.24%	-11.29%		
CHK	CHESAPEAKE ENERGY CORP	10	Energy	5.68%	1.14%	-5.87%	-29.04%	-1.90%	-2.45%	-11.44%	-1.64%	-0.33%	-75.88%	-38.13%	2.58%	
BJS.1	BJ SERVICES CO	10	Energy	41.68%	31.58%	15.72%	-0.22%									
APC	ANADARKO PETROLEUM CORP	10	Energy	5.57%	-1.01%	2.95%	-10.58%	-4.77%	1.07%	-5.07%	0.11%	-0.22%	-26.00%	-12.55%	-18.56%	-4.40%
HAL	HALLIBURTON CO	10	Energy	30.84%	31.01%	29.31%	9.57%	13.58%	19.98%	14.43%	14.09%	12.42%	4.08%	1.12%	2.60%	9.11%
OXY	OCCIDENTAL PETROLEUM CORP	10	Energy	13.43%	13.14%	16.25%	-0.11%	5.07%	9.24%	1.97%	1.47%	-14.48%	-29.77%	-12.11%	-10.02%	-0.40%
HES	HESS CORP	10	Energy	9.62%	9.60%	9.66%	-1.89%	3.53%	2.96%	0.01%	4.45%	-2.54%	-12.58%	-35.48%	-42.32%	-9.07%
APA	APACHE CORP	10	Energy	6.10%	7.66%	-5.92%	-9.81%	3.75%	4.42%	-3.20%	-1.78%	-14.25%	-88.25%	-10.75%	-8.86%	-5.54%
RDC	ROWAN COMPANIES PLC	10	Energy	4.30%	10.63%	6.05%	0.37%	-1.30%	-5.23%	-2.61%	-2.38%					
SLB	SCHLUMBERGER LTD	10	Energy	40.27%	42.83%	32.02%	14.34%	12.73%	16.28%	16.25%	18.60%	21.15%	13.25%	2.61%	1.21%	3.34%
DYN	DYNEGY INC	55	Utilities	1.52%	0.27%	-1.87%										
XTO	XTO ENERGY INC	10	Energy	10.06%	9.34%	1.96%	0.56%									
BHI	BAKER HUGHES INC	10	Energy	10.09%	27.35%	22.61%	-0.41%	5.35%	15.60%	5.32%	3.34%	5.82%	-2.07%	-25.03%		
WFTIF	WEATHERFORD INTL PLC	10	Energy	19.08%	19.72%	15.51%										
MRO	MARATHON OIL CORP	10	Energy	22.46%	11.26%	7.75%	-5.86%	-1.74%	-1.54%	-1.90%	-1.56%	-5.56%	-14.81%	-18.70%	-15.41%	-6.07%
DVN	DEVON ENERGY CORP	10	Energy	11.50%	10.12%	-23.95%	-23.53%	7.66%	4.91%	-7.08%	-5.99%	4.85%	-62.67%	-26.15%	-4.84%	-2.40%
NBR	NABORS INDUSTRIES LTD	10	Energy	14.29%	8.90%	3.81%	-0.99%	-1.79%	1.58%	1.27%	-0.60%	-5.78%				
RIG	TRANSOCEAN LTD	10	Energy	7.64%	13.72%						1.34%	0.40%	-0.05%	-4.34%		
NE	NOBLE CORP PLC	10	Energy	13.75%	23.28%	21.48%			-4.63%	-3.02%	-1.01%	-5.08%				
COP	CONOCOPHILLIPS	10	Energy	15.26%	12.67%	10.96%	-3.44%	1.98%	7.97%	1.99%	4.50%	1.13%	-11.18%	-14.83%	-9.74%	3.64%
CNX	CNX RESOURCES CORPORATION	10	Energy	2.47%	0.47%	0.63%	1.81%	-0.57%	0.89%	-3.72%	-5.40%	-5.46%	-13.17%			

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
MON	MONSANTO CO	15	Materials	5.35%	8.33%	17.05%	24.63%	8.52%	12.16%	20.56%	15.84%	19.04%	19.30%	13.09%	17.41%	
NEM	NEWMONT GOLDCORP CORP	15	Materials	7.69%	3.69%	2.49%	6.51%	15.40%	-5.89%	2.34%	-29.10%	-4.12%	-5.95%	-9.33%	-1.50%	-6.77%
FCX	FREEMPORT-MCMORAN INC	15	Materials	42.66%	17.54%	-47.19%	11.75%	21.29%	21.53%	8.71%	2.88%	-6.63%	-40.53%	-15.73%	2.08%	4.65%
BTU	PEABODY ENERGY CORP	10	Energy	-3.54%	-6.14%	2.87%	-1.66%	4.69%	2.50%	-2.66%	-9.68%					
MUR	MURPHY OIL CORP	10	Energy	5.25%	6.22%	13.07%	-0.80%	0.51%	-0.59%	1.76%	-0.32%	-2.94%	-32.59%	-15.27%		
CHK	CHESAPEAKE ENERGY CORP	10	Energy	10.02%	3.13%	-6.34%	-38.56%	1.08%	-0.14%	-12.21%	-1.01%	1.43%	-84.43%	-37.86%	2.31%	
BJS.1	BJ SERVICES CO	10	Energy	38.08%	29.29%	15.78%	-0.13%									
APC	ANADARKO PETROLEUM CORP	10	Energy	2.63%	-5.44%	-1.07%	-10.80%	-6.47%	-5.57%	-5.59%	-1.80%	-3.08%	-29.41%	-15.58%	-17.14%	-4.99%
HAL	HALLIBURTON CO	10	Energy	39.91%	27.69%	31.11%	11.78%	13.37%	17.97%	14.20%	11.80%	8.40%	1.90%	-10.36%	1.66%	6.08%
OXY	OCCIDENTAL PETROLEUM CORP	10	Energy	10.98%	10.37%	13.82%	0.21%	4.35%	10.21%	2.72%	2.17%	-16.23%	-31.25%	-13.44%	-10.12%	-0.04%
HES	HESS CORP	10	Energy	7.76%	6.81%	5.70%	-5.81%	-1.35%	-1.43%	-2.78%	0.80%	-3.10%	-16.22%	-22.61%	-38.66%	-9.63%
APA	APACHE CORP	10	Energy	7.47%	8.96%	-11.42%	-10.77%	5.17%	5.48%	-2.70%	-2.41%	-12.31%	-88.34%	-15.25%	-9.19%	-7.36%
RDC	ROWAN COMPANIES PLC	10	Energy	5.81%	9.73%	5.23%	0.15%	-1.63%	-5.34%	-2.79%	-2.63%					
SLB	SCHLUMBERGER LTD	10	Energy	36.68%	38.92%	29.38%	15.52%	8.89%	11.27%	11.77%	13.96%	15.56%	8.18%	-1.87%	-2.85%	-2.22%
DYN	DYNEGY INC	55	Utilities	-4.27%	0.05%	-3.00%										
XTO	XTO ENERGY INC	10	Energy	11.16%	10.82%	3.67%	1.07%									
BHI	BAKER HUGHES INC	10	Energy	10.63%	23.85%	19.57%	-5.05%	0.49%	6.35%	2.27%	1.84%	3.69%	-8.51%	-20.30%		
WFTIF	WEATHERFORD INTL PLC	10	Energy	14.73%	15.82%	11.57%										
MRO	MARATHON OIL CORP	10	Energy	16.52%	5.45%	4.19%	-3.59%	-5.03%	-3.56%	-3.79%	-2.87%	-5.85%	-16.75%	-14.46%	-14.88%	-6.14%
DVN	DEVON ENERGY CORP	10	Energy	7.37%	7.90%	-27.04%	-30.79%	8.63%	12.29%	-8.12%	-6.14%	7.40%	-72.70%	-25.39%	-5.85%	-2.41%
NBR	NABORS INDUSTRIES LTD	10	Energy	15.45%	7.61%	3.36%	-4.82%	-2.10%	0.33%	-1.27%	-2.50%	-8.79%				
RIG	TRANSOCEAN LTD	10	Energy	6.77%	12.34%						1.00%	-0.49%	-0.56%	-4.11%		
NE	NOBLE CORP PLC	10	Energy	12.24%	21.98%	20.72%			-5.52%	-3.33%	-1.28%	-5.29%				
COP	CONOCOPHILLIPS	10	Energy	8.67%	6.48%	4.22%	-6.44%	-1.95%	4.46%	0.64%	2.37%	-1.30%	-14.28%	-16.95%	-10.09%	1.28%
CNX	CNX RESOURCES CORPORATION	10	Energy	0.47%	-0.06%	0.81%	0.31%	-1.66%	-0.86%	-4.36%	-6.08%	-6.02%	-14.08%			

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
EOG	EOG RESOURCES INC	10	Energy	13.99%	7.10%	15.17%	-7.41%	-8.38%	-3.99%	-5.71%	0.82%	0.41%	-23.55%	-12.52%	-5.59%	1.51%
VMC	VULCAN MATERIALS CO	15	Materials	15.95%	9.14%	-1.19%	-4.86%	-7.96%	-6.25%	-2.61%	-2.86%	-2.31%	8.19%	10.54%	10.62%	6.02%
PHM	PULTEGROUP INC	25	Consumer Discretionary	-2.78%	-26.41%	-32.73%	-14.45%	-14.06%	-6.81%	-2.17%	49.41%	3.03%	-1.76%	-3.14%	-0.10%	-1.89%
CTX.2	CENTEX CORP	25	Consumer Discretionary	-8.72%	-37.32%	-34.36%										
KBH	KB HOME	25	Consumer Discretionary	-0.51%	-33.00%	-44.39%										
DHI	D R HORTON INC	25	Consumer Discretionary	1.96%	-10.66%	-46.09%	-17.70%	-0.09%	-5.37%	15.33%	-0.74%	-1.91%	-0.92%	-1.95%	0.40%	-1.19%
LEN	LENNAR CORP	25	Consumer Discretionary	-3.05%	-32.00%	-32.87%	-12.53%	-5.75%	-6.97%	3.24%	-2.04%	-2.06%	-1.95%	-3.34%	-1.89%	-1.13%
FLR	FLUOR CORP	20	Industrials	0.58%	10.87%	13.22%	14.36%	23.15%	11.50%	19.80%	14.16%	14.84%	11.79%	4.42%	2.66%	-2.49%
STZ	CONSTELLATION BRANDS	30	Consumer Staples	16.41%	6.46%	3.96%	5.76%	14.69%	18.21%	16.04%	27.95%	28.63%	28.66%	30.20%	33.31%	28.64%
CCEP	COCA-COLA EUROPEAN PARTNERS	30	Consumer Staples	96.13%	38.43%	75.92%	12.89%	11.52%	37.16%	30.95%	33.95%	39.46%	42.72%			
TSN	TYSON FOODS INC -CL A	30	Consumer Staples	-4.75%	0.39%	-3.18%	-3.75%	9.17%	5.94%	5.36%	5.47%	10.42%	21.04%	30.79%	38.82%	47.65%
HSY	HERSHEY CO	30	Consumer Staples	31.92%	33.44%	22.74%	24.19%	29.95%	30.33%	32.82%	34.48%	31.47%	30.53%	26.60%	36.67%	48.27%
K	KELLOGG CO	30	Consumer Staples	47.34%	45.29%	42.16%	45.77%	42.26%	36.37%	26.28%	47.88%	20.83%	26.11%	32.06%	35.47%	31.56%
BUD.2	ANHEUSER-BUSCH COS INC	30	Consumer Staples	21.46%	22.55%											
GIS	GENERAL MILLS INC	30	Consumer Staples	68.29%	62.08%	50.49%	59.68%	63.52%	60.75%	67.62%	63.49%	69.30%	74.05%	82.14%	71.25%	52.19%
TAP	MOLSON COORS BREWING CO	30	Consumer Staples	28.27%	28.18%	25.32%	62.81%	53.72%	53.10%	46.19%	54.74%	60.49%	51.70%	-24.64%	52.07%	32.09%
DF	DEAN FOODS CO	30	Consumer Staples	23.27%	23.74%	23.21%	21.97%	13.74%	37.83%	7.19%						
KHC	KRAFT HEINZ CO	30	Consumer Staples	40.65%	39.16%	35.15%	41.32%	44.21%	46.32%	48.30%						
BEAM	BEAM INC	30	Consumer Staples	41.59%	33.33%	28.44%	15.80%	16.43%	15.16%	20.27%	19.10%					

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
EOG	EOG RESOURCES INC	10	Energy	14.36%	8.64%	18.93%	-6.51%	-7.95%	-1.55%	-4.44%	4.27%	6.44%	-32.63%	-14.55%	-5.59%	4.75%
VMC	VULCAN MATERIALS CO	15	Materials	11.38%	5.06%	-4.62%	-7.69%	-10.14%	-9.46%	-6.64%	-6.63%	-5.34%	0.91%	2.93%	3.18%	1.51%
PHM	PULTEGROUP INC	25	Consumer Discretionary	-4.34%	-25.22%	-30.50%	-13.47%	-13.81%	-6.96%	-2.55%	3.53%	6.95%	3.01%	0.91%	-0.38%	1.89%
CTX.2	CENTEX CORP	25	Consumer Discretionary	-10.90%	-32.59%	-31.13%										
KBH	KB HOME	25	Consumer Discretionary	-2.93%	-27.69%	-42.36%										
DHI	D R HORTON INC	25	Consumer Discretionary	0.96%	-15.02%	-37.48%	-13.02%	-0.16%	-5.43%	-1.66%	1.32%	-1.70%	-0.90%	-1.13%	0.36%	0.16%
LEN	LENNAR CORP	25	Consumer Discretionary	-5.53%	-37.29%	-18.04%	-12.48%	-5.82%	-7.03%	-3.55%	-0.05%	-1.28%	-2.16%	-2.68%	-2.15%	0.28%
FLR	FLUOR CORP	20	Industrials	0.21%	6.69%	14.93%	15.00%	21.43%	10.26%	21.27%	12.47%	15.65%	10.61%	2.52%	0.97%	-1.26%
STZ	CONSTELLATION BRANDS	30	Consumer Staples	9.59%	3.55%	-0.61%	-0.14%	7.71%	7.58%	6.72%	9.89%	9.62%	12.96%	12.71%	15.32%	18.87%
CCEP	COCA-COLA EUROPEAN PARTNERS	30	Consumer Staples	0.13%	-0.04%	-0.90%	2.90%	-0.04%	1.66%	1.64%	3.05%	5.81%	5.49%			
TSN	TYSON FOODS INC -CL A	30	Consumer Staples	-6.97%	-0.57%	-3.44%	-4.06%	7.38%	5.41%	5.56%	3.67%	1.77%	4.77%	8.75%	10.01%	9.45%
HSY	HERSHEY CO	30	Consumer Staples	20.71%	17.64%	15.35%	16.70%	22.51%	25.51%	26.06%	26.40%	24.26%	21.46%	17.48%	26.47%	31.69%
K	KELLOGG CO	30	Consumer Staples	20.12%	20.36%	22.21%	20.47%	24.72%	18.61%	9.21%	27.33%	4.57%	8.92%	13.85%	16.57%	13.92%
BUD.2	ANHEUSER-BUSCH COS INC	30	Consumer Staples	13.32%	13.46%											
GIS	GENERAL MILLS INC	30	Consumer Staples	13.30%	14.16%	11.60%	13.45%	17.21%	13.21%	13.67%	13.17%	13.21%	15.79%	17.96%	12.27%	12.22%
TAP	MOLSON COORS BREWING CO	30	Consumer Staples	1.42%	0.95%	-0.39%	2.00%	-0.01%	-0.05%	-0.96%	-2.02%	-0.64%	-1.38%	-2.53%	3.10%	-0.25%
DF	DEAN FOODS CO	30	Consumer Staples	13.15%	10.84%	11.22%	9.02%	6.78%	3.83%	1.24%						
KHC	KRAFT HEINZ CO	30	Consumer Staples	20.48%	18.49%	17.20%	21.49%	19.72%	15.76%	18.19%			1.14%	1.43%	2.02%	0.55%
BEAM	BEAM INC	30	Consumer Staples	9.41%	5.50%	2.78%	-0.95%	2.63%	0.99%	4.45%	3.94%					

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
MKC	MCCORMICK & CO INC	30	Consumer Staples	32.92%	30.07%	30.57%	34.91%	39.91%	36.43%	36.59%	36.30%	34.25%	36.27%	37.83%	83.62%	176.96%
WWY	WRIGLEY (WM) JR CO	30	Consumer Staples	25.29%	23.46%											
PBG	PEPSI BOTTLING GROUP INC	30	Consumer Staples	21.49%	21.13%	19.77%	21.36%									
ADM	ARCHER-DANIELS-MIDLAND CO	30	Consumer Staples	7.31%	3.30%	2.09%	0.67%	2.58%	0.28%	-1.24%	-0.91%	4.15%	3.56%	1.06%	-1.23%	3.31%
CAG	CONAGRA BRANDS INC	30	Consumer Staples	17.90%	12.89%	13.51%	16.48%	18.20%	10.30%	23.54%	24.91%	25.90%	24.25%	37.06%	58.16%	37.59%
CPB	CAMPBELL SOUP CO	30	Consumer Staples	36.77%	37.01%	37.29%	32.83%	36.12%	36.82%	33.15%	33.32%	28.58%	28.08%	26.86%	47.85%	40.62%
PEP	PEPSICO INC	30	Consumer Staples	50.11%	40.93%	35.65%	35.30%	42.71%	36.36%	35.40%	39.77%	44.15%	53.66%	58.96%	30.56%	76.23%
HSH	HILLSHIRE BRANDS CO	30	Consumer Staples	13.66%	15.87%	19.28%	15.35%	21.28%	24.18%							
KO	COCA-COLA CO	30	Consumer Staples	70.75%	65.14%	70.45%	62.77%	63.75%	64.87%	67.45%	66.12%	72.09%	85.02%	117.84%	42.69%	112.04%
BF.B	BROWN FORMAN CORP	30	Consumer Staples	28.37%	32.40%	31.83%	32.01%	39.56%	40.78%	47.32%	43.65%	39.46%	31.40%	34.80%	32.20%	33.60%
MO	ALTRIA GROUP INC	30	Consumer Staples	69.99%	53.05%	60.05%										
RAI	REYNOLDS AMERICAN INC	30	Consumer Staples	192.14%	81.37%	80.47%	234.02%	195.86%	212.62%	232.22%	259.22%	153.69%				
UST.1	UST INC	30	Consumer Staples	51.98%	37.93%											
KATE	KATE SPADE & CO	25	Consumer Discretionary	16.84%	17.16%											
CTAS	CINTAS CORP	20	Industrials	14.20%	13.75%	8.57%	4.94%	6.02%	11.24%	11.69%	12.29%	16.90%	21.68%	27.92%	37.03%	
VFC	VF CORP	25	Consumer Discretionary	23.38%	28.27%	26.13%	23.94%	37.96%	48.53%	52.35%	49.30%	52.25%	46.43%	46.98%	20.26%	48.49%
JNY	JONES GROUP INC	25	Consumer Discretionary	35.76%	12.73%	-3.04%										
LEG	LEGGETT & PLATT INC	25	Consumer Discretionary	11.31%	7.69%	5.55%	1.86%	9.77%	10.46%	16.47%	14.23%	12.79%	25.11%	24.38%	18.89%	17.47%
AVY	AVERY DENNISON CORP	15	Materials	17.69%	19.03%	12.98%	9.51%	16.97%	8.67%	13.21%	17.07%	18.60%	22.13%	24.67%	25.03%	29.21%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
MKC	MCCORMICK & CO INC	30	Consumer Staples	18.90%	18.34%	16.36%	21.09%	25.39%	23.73%	22.39%	20.07%	20.37%	21.37%	19.12%	13.37%	8.92%
WWY	WRIGLEY (WM) JR CO	30	Consumer Staples	18.98%	19.00%											
PBG	PEPSI BOTTLING GROUP INC	30	Consumer Staples	2.66%	2.63%	1.10%	2.96%									
ADM	ARCHER-DANIELS-MIDLAND CO	30	Consumer Staples	5.14%	3.38%	0.76%	0.39%	2.18%	1.99%	-1.37%	-0.83%	2.19%	1.57%	-0.15%	-2.17%	1.55%
CAG	CONAGRA BRANDS INC	30	Consumer Staples	10.60%	7.49%	9.75%	9.32%	13.06%	2.48%	9.49%	4.98%	5.55%	5.28%	15.03%	21.71%	13.54%
CPB	CAMPBELL SOUP CO	30	Consumer Staples	18.17%	22.01%	21.51%	22.15%	21.94%	21.53%	19.09%	14.88%	13.29%	12.02%	11.12%	23.03%	11.13%
PEP	PEPSICO INC	30	Consumer Staples	31.87%	27.31%	25.37%	25.01%	19.52%	12.73%	10.21%	11.39%	12.31%	16.77%	18.22%	8.25%	19.96%
HSH	HILLSHIRE BRANDS CO	30	Consumer Staples	8.97%	5.91%	4.17%	6.55%	15.58%	12.24%							
KO	COCA-COLA CO	30	Consumer Staples	36.46%	28.13%	22.49%	24.11%	20.53%	18.02%	18.57%	17.85%	17.23%	19.91%	22.81%	7.93%	34.45%
BF.B	BROWN FORMAN CORP	30	Consumer Staples	15.97%	16.30%	14.93%	14.73%	19.48%	20.37%	22.63%	21.31%	21.80%	17.92%	19.44%	19.21%	22.59%
MO	ALTRIA GROUP INC	30	Consumer Staples	20.88%	18.43%	9.70%	30.89%	20.63%	17.40%	19.53%	28.35%	22.16%	26.04%	20.90%	34.77%	35.28%
RAI	REYNOLDS AMERICAN INC	30	Consumer Staples	18.93%	13.86%	12.64%	20.29%	26.69%	26.27%	28.40%	43.42%	21.96%	-8.47%	-1.94%		
UST.1	UST INC	30	Consumer Staples	45.13%	32.27%											
KATE	KATE SPADE & CO	25	Consumer Discretionary	8.78%	1.60%											
CTAS	CINTAS CORP	20	Industrials	10.10%	11.13%	5.34%	3.66%	7.31%	9.29%	10.53%	9.15%	10.10%	11.75%	15.44%	19.55%	
VFC	VF CORP	25	Consumer Discretionary	7.92%	9.90%	7.04%	6.66%	9.27%	11.84%	9.93%	10.84%	13.10%	15.20%	16.28%	5.98%	21.06%
JNY	JONES GROUP INC	25	Consumer Discretionary	14.84%	3.84%	-7.34%										
LEG	LEGGETT & PLATT INC	25	Consumer Discretionary	7.59%	4.37%	3.46%	1.39%	6.31%	5.09%	7.73%	3.97%	5.68%	15.93%	15.82%	11.61%	10.54%
AVY	AVERY DENNISON CORP	15	Materials	15.59%	12.77%	2.81%	1.17%	8.18%	3.08%	6.45%	9.69%	9.68%	15.53%	20.90%	17.51%	20.24%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
MMM	3M CO	20	Industrials	29.61%	26.24%	25.47%	23.71%	34.42%	31.58%	29.94%	29.45%	29.90%	33.12%	35.50%	31.14%	35.47%
KMB	KIMBERLY-CLARK CORP	30	Consumer Staples	15.61%	13.42%	10.07%	12.79%	12.94%	12.71%	17.57%	21.34%	20.98%	31.67%	26.04%	24.34%	24.33%
TIN	TEMPLE-INLAND INC	15	Materials	25.09%												
IP	INTL PAPER CO	15	Materials	-11.03%	6.89%	0.97%	-4.06%	5.22%	8.88%	6.17%	13.93%	10.13%	10.86%	9.53%	10.35%	11.42%
BMS	BEMIS CO INC	15	Materials	8.68%	5.28%	3.28%	5.21%	8.18%	5.16%	7.31%	8.69%					
MWV	MEADWESTVACO CORP	15	Materials	2.46%	2.56%	-0.57%	-3.09%	8.45%	7.75%	3.23%	9.26%	9.61%				
RRD	DONNELLEY (R R) & SONS CO	20	Industrials	30.53%	35.95%	32.47%	15.10%	13.49%	25.87%							
MDP	MEREDITH CORP	50	Communication Services	159.03%	226.03%	218.26%	254.16%	137.20%								
DJ	DOW JONES & CO INC	25	Consumer Discretionary	21.57%												
NYT	NEW YORK TIMES CO - CL A	50	Communication Services	23.31%	14.30%	2.69%	5.37%									
BRL	BARR PHARMACEUTICALS INC	35	Health Care	69.74%	25.19%											
SHW	SHERWIN-WILLIAMS CO	15	Materials	30.09%	30.47%	26.83%	24.60%	24.47%	18.04%	31.45%	32.22%	37.50%	53.08%	59.45%	96.73%	89.10%
APD	AIR PRODUCTS & CHEMICALS INC	15	Materials	4.50%	7.94%	8.72%	5.80%	8.03%	7.84%	7.21%	7.14%	5.50%	7.61%	8.48%	8.28%	7.39%
AVP	AVON PRODUCTS	30	Consumer Staples	29.44%	23.91%	31.84%	24.45%	22.48%	22.65%	6.88%	18.11%	-1.51%				
AGN	ALLERGAN PLC	35	Health Care	4.22%	3.91%	11.17%	13.07%	19.84%	16.36%	18.04%	32.63%	59.36%				
LIN	LINDE PLC	15	Materials	9.79%	10.44%	11.82%	12.75%	8.07%	10.91%	10.03%	10.51%	9.87%	9.88%	8.62%	4.48%	3.58%
ASH	ASHLAND GLOBAL HOLDINGS INC	15	Materials	-2.36%	0.84%											
ECL	ECOLAB INC	15	Materials	19.33%	21.67%	26.41%	28.37%	30.01%	25.16%	35.75%	44.63%	48.47%	50.83%	40.91%	28.77%	31.00%
BIIB	BIOGEN INC	35	Health Care	61.71%	57.87%	66.93%	66.32%	82.46%	92.69%	88.92%	95.21%	120.75%	129.61%	130.44%	77.27%	130.62%
ROH	ROHM AND HAAS CO	15	Materials	18.50%	16.30%	15.30%										
PPG	PPG INDUSTRIES INC	15	Materials	22.37%	15.22%	16.78%	7.93%	16.37%	23.67%	26.08%	26.49%	32.48%	36.66%	45.49%	33.22%	30.16%
EL	LAUDER (ESTEE) COS INC -CL A	30	Consumer Staples	15.48%	17.28%	16.42%	9.87%	23.45%	27.48%	29.76%	31.72%	31.98%	27.74%	33.93%	35.05%	33.06%
HPC	HERCULES INC	15	Materials	64.23%	29.77%											

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
MMM	3M CO	20	Industrials	24.17%	24.00%	23.31%	23.79%	23.69%	24.00%	21.62%	20.63%	20.69%	23.03%	23.44%	21.15%	24.45%
KMB	KIMBERLY-CLARK CORP	30	Consumer Staples	12.10%	11.42%	10.68%	12.98%	11.46%	13.73%	15.77%	16.08%	14.70%	20.16%	18.90%	19.02%	20.04%
TIN	TEMPLE-INLAND INC	15	Materials	20.09%												
IP	INTL PAPER CO	15	Materials	0.69%	3.82%	-2.26%	-4.70%	4.09%	5.63%	2.43%	6.94%	2.41%	5.69%	4.14%	4.89%	6.44%
BMS	BEMIS CO INC	15	Materials	5.78%	3.52%	2.09%	2.90%	5.76%	3.32%	4.27%	5.08%					
MWV	MEADWESTVACO CORP	15	Materials	-1.75%	-1.02%	-3.77%	-6.09%	1.91%	1.22%	-1.03%	2.38%	2.00%				
RRD	DONNELLEY (R R) & SONS CO	20	Industrials	12.24%	12.64%	12.31%	5.99%	4.02%	10.05%							
MDP	MEREDITH CORP	50	Communication Services	13.35%	14.14%	7.73%	11.13%	10.50%								
DJ	DOW JONES & CO INC	25	Consumer Discretionary	8.64%												
NYT	NEW YORK TIMES CO - CL A	50	Communication Services	3.70%	7.89%	-1.21%	6.11%									
BRL	BARR PHARMACEUTICALS INC	35	Health Care	43.39%	3.11%											
SHW	SHERWIN-WILLIAMS CO	15	Materials	21.64%	23.65%	20.21%	16.43%	18.02%	12.65%	22.05%	24.82%	26.96%	38.80%	40.05%	27.15%	13.24%
APD	AIR PRODUCTS & CHEMICALS INC	15	Materials	1.93%	4.86%	5.68%	2.32%	6.47%	7.27%	4.88%	4.31%	3.99%	5.19%	6.45%	5.38%	4.45%
AVP	AVON PRODUCTS	30	Consumer Staples	20.38%	16.04%	25.48%	15.85%	15.15%	11.28%	2.35%	8.82%	7.67%				
AGN	ALLERGAN PLC	35	Health Care	-2.68%	-1.28%	4.63%	2.04%	1.36%	-0.49%	-3.45%	-1.34%	-8.38%	-6.46%	-8.55%	-13.40%	-7.51%
LIN	LINDE PLC	15	Materials	8.21%	7.84%	8.34%	7.16%	7.00%	7.95%	9.71%	8.39%	6.81%	7.04%	4.84%	1.94%	-2.77%
ASH	ASHLAND GLOBAL HOLDINGS INC	15	Materials	-3.06%	0.98%											
ECL	ECOLAB INC	15	Materials	12.57%	14.87%	20.67%	22.15%	18.51%	4.18%	4.90%	6.61%	6.54%	8.33%	7.99%	6.66%	10.32%
BIIB	BIOGEN INC	35	Health Care	-0.78%	2.78%	8.79%	13.87%	25.20%	35.21%	29.32%	22.75%	28.25%	41.58%	46.99%	31.56%	51.39%
ROH	ROHM AND HAAS CO	15	Materials	4.70%	3.44%	1.85%										
PPG	PPG INDUSTRIES INC	15	Materials	12.07%	6.94%	7.96%	2.05%	8.42%	11.74%	11.25%	15.04%	13.21%	13.52%	20.23%	13.09%	13.95%
EL	LAUDER (ESTEE) COS INC -CL A	30	Consumer Staples	9.01%	14.59%	8.09%	3.38%	18.80%	21.30%	23.05%	23.81%	25.49%	21.11%	23.66%	22.55%	22.05%
HPC	HERCULES INC	15	Materials	19.69%	19.65%											

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
MEDI	MEDIMMUNE INC	35	Health Care	-15.86%												
SIAL	SIGMA-ALDRICH CORP	15	Materials	15.44%	15.08%	15.68%	16.74%	21.87%	23.10%	22.20%	25.27%	26.15%				
6583B	BAUSCH & LOMB HLDGS -REDH	35	Health Care	0.67%												
BMY	BRISTOL-MYERS SQUIBB CO	35	Health Care	18.40%	23.57%	29.98%	50.92%	69.08%	92.13%	115.41%	92.13%	81.94%	31.33%	53.42%	15.40%	53.80%
BAX	BAXTER INTERNATIONAL INC	35	Health Care	11.23%	11.95%	15.28%	15.72%	16.49%	15.95%	14.32%	14.40%	10.50%	-2.53%	3.33%	6.01%	12.60%
MYL	MYLAN NV	35	Health Care	29.42%	17.50%	44.40%	38.68%	37.25%	35.58%	36.31%	35.48%	41.47%	42.37%	64.01%	52.63%	50.62%
SGP	SCHERING-PLOUGH	35	Health Care	-3.19%	0.63%	4.42%										
IFF	INTL FLAVORS & FRAGRANCES	15	Materials	13.56%	16.29%	18.38%	16.19%	20.65%	19.97%	12.82%	20.20%	22.36%	25.17%	25.46%	19.67%	22.44%
KG	KING PHARMACEUTICALS INC	35	Health Care	77.46%	112.08%	50.53%	39.02%									
GILD	GILEAD SCIENCES INC	35	Health Care	145.24%	136.85%	142.65%	190.27%	203.91%	167.16%	142.77%	118.13%	383.80%	457.87%	304.89%	121.95%	165.30%
DD.2	DU PONT (E I) DE NEMOURS	15	Materials	17.79%	15.91%	10.26%	5.66%	13.80%	17.34%	14.99%	14.82%	12.01%	7.30%	17.72%		
AMGN	AMGEN INC	35	Health Care	57.10%	55.18%	54.18%	58.48%	60.96%	57.57%	64.89%	96.29%	145.29%	186.10%	189.51%	27.84%	145.55%
MRK	MERCK & CO	35	Health Care	28.90%	46.90%	30.24%	24.24%	50.81%	57.44%	45.17%	47.43%	24.00%	60.98%	84.25%	4.14%	32.24%
CL	COLGATE-PALMOLIVE CO	30	Consumer Staples	39.18%	44.72%	48.61%	51.42%	52.81%	48.72%	51.59%	56.37%	55.30%	53.88%	56.92%	46.62%	55.07%
AGN.2	ALLERGAN INC	35	Health Care	85.26%	93.18%	78.59%	83.54%	102.05%	81.41%	100.22%	119.41%	183.59%				
ABI.3	APPLIED BIOSYSTEMS INC	35	Health Care	31.14%	28.44%											
PFE	PFIZER INC	35	Health Care	104.79%	107.49%	145.58%	157.28%	298.35%	8860.41%							133.02%
EMN	EASTMAN CHEMICAL CO	15	Materials	6.60%	6.15%	4.50%	4.07%	15.83%	14.50%	14.00%	26.57%	16.89%	21.13%	18.07%	17.47%	13.88%
LLY	LILLY (ELI) & CO	35	Health Care	28.11%	29.99%	39.70%	44.26%	47.33%	48.93%	31.97%	39.36%	22.56%	26.98%	22.51%	6.04%	34.33%
SII	SMITH INTERNATIONAL INC	10	Energy	29.21%	28.60%	24.12%	2.88%									
ABT	ABBOTT LABORATORIES	35	Health Care	37.59%	34.27%	37.05%	35.41%	47.55%	60.83%	65.92%	14.73%	15.93%	28.71%	35.04%	6.14%	32.93%
FRX	FOREST LABORATORIES - CL A	35	Health Care	75.35%	86.88%	92.44%	78.68%	104.02%	89.57%	-16.86%	30.64%					

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
MEDI	MEDIMMUNE INC	35	Health Care	-12.44%												
SIAL	SIGMA-ALDRICH CORP	15	Materials	8.69%	10.23%	11.86%	13.19%	18.06%	18.73%	18.40%	18.21%	18.40%				
6583B	BAUSCH & LOMB HLDGS -REDH	35	Health Care	-3.62%												
BMY	BRISTOL-MYERS SQUIBB CO	35	Health Care	11.13%	16.26%	26.89%	39.03%	47.53%	52.50%	20.22%	12.43%	24.90%	12.72%	31.72%	8.90%	41.34%
BAX	BAXTER INTERNATIONAL INC	35	Health Care	9.66%	11.74%	16.42%	16.70%	15.47%	15.12%	11.69%	9.24%	6.13%	-3.92%	-1.40%	2.93%	5.36%
MYL	MYLAN NV	35	Health Care	14.80%	-2.82%	1.73%	4.36%	9.20%	7.57%	9.84%	11.76%	11.04%	9.42%	1.17%	-1.40%	-2.16%
SGP	SCHERING-PLOUGH	35	Health Care	-3.23%	-3.98%	-4.83%										
IFF	INTL FLAVORS & FRAGRANCES	15	Materials	10.16%	13.70%	17.11%	13.19%	18.20%	20.89%	11.06%	19.54%	22.78%	21.31%	18.54%	13.07%	5.80%
KG	KING PHARMACEUTICALS INC	35	Health Care	20.02%	28.93%	14.48%	12.21%									
GILD	GILEAD SCIENCES INC	35	Health Care	142.12%	142.09%	140.69%	116.01%	101.26%	91.27%	27.05%	14.21%	72.71%	113.75%	92.41%	21.85%	23.47%
DD.2	DU PONT (E I) DE NEMOURS	15	Materials	4.75%	6.96%	4.51%	1.71%	8.89%	7.35%	5.32%	5.60%	4.77%	1.84%	8.10%		
AMGN	AMGEN INC	35	Health Care	21.91%	29.35%	29.06%	34.55%	36.53%	32.51%	36.81%	26.70%	20.98%	27.96%	37.14%	1.56%	47.27%
MRK	MERCK & CO	35	Health Care	17.04%	23.72%	26.38%	4.96%	2.07%	3.54%	6.92%	7.82%	-4.68%	8.87%	11.52%	-4.31%	10.23%
CL	COLGATE-PALMOLIVE CO	30	Consumer Staples	30.90%	31.93%	31.51%	33.66%	35.11%	30.60%	30.26%	33.95%	32.12%	33.66%	32.42%	27.91%	32.48%
AGN.2	ALLERGAN INC	35	Health Care	28.31%	15.09%	12.36%	17.13%	25.57%	28.25%	34.40%	38.13%	52.75%				
ABI.3	APPLIED BIOSYSTEMS INC	35	Health Care	23.44%	16.56%											
PFE	PFIZER INC	35	Health Care	13.36%	13.84%	24.47%	-3.27%	10.97%	9.29%	13.58%	14.41%	12.14%	12.64%	9.94%	-11.70%	15.37%
EMN	EASTMAN CHEMICAL CO	15	Materials	3.51%	2.83%	1.62%	6.10%	11.21%	11.33%	5.94%	14.82%	4.83%	6.60%	5.93%	4.90%	3.66%
LLY	LILLY (ELI) & CO	35	Health Care	23.55%	20.99%	25.65%	26.16%	29.94%	21.85%	15.79%	22.47%	10.75%	8.24%	11.58%	0.64%	22.19%
SII	SMITH INTERNATIONAL INC	10	Energy	25.73%	25.75%	18.10%	0.56%									
ABT	ABBOTT LABORATORIES	35	Health Care	14.40%	14.33%	15.06%	22.34%	15.54%	22.49%	24.82%	2.26%	5.60%	10.98%	11.74%	-4.12%	4.58%
FRX	FOREST LABORATORIES - CL A	35	Health Care	56.69%	58.41%	54.99%	48.53%	65.83%	28.55%	-12.78%	-0.85%					

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
DD	DUPONT DE NEMOURS INC	15	Materials	15.16%	7.74%	0.88%	0.35%	8.00%	10.85%	9.21%	6.06%	12.53%	13.00%	18.99%	10.13%	13.69%
CLX	CLOROX CO/DE	30	Consumer Staples	39.21%	42.69%	46.84%	50.99%	56.37%	46.27%	42.19%	44.37%	44.68%	51.67%	56.33%	58.40%	62.41%
CELG	CELGENE CORP	35	Health Care	21.53%	53.35%	118.33%	138.71%	417.10%			#####	#####	899.92%	558.80%	582.31%	
HSP	HOSPIRA INC	35	Health Care	11.61%	14.31%	12.49%	22.16%	19.81%	13.24%	7.38%	10.47%	9.06%				
GENZ	GENZYME CORP	35	Health Care	27.16%	14.50%	13.98%	5.52%	2.26%								
JNJ	JOHNSON & JOHNSON	35	Health Care	57.70%	62.80%	59.01%	62.46%	61.02%	64.61%	63.46%	79.93%	82.16%	75.30%	87.38%	27.91%	102.94%
PG	PROCTER & GAMBLE CO	30	Consumer Staples	59.28%	78.97%	82.19%	76.79%	86.07%	84.97%	81.13%	83.54%	78.08%	74.27%	76.63%	81.71%	65.54%
WYE	WYETH	35	Health Care	25.53%	24.85%	25.34%										
SUN.1	SUNOCO INC	10	Energy	9.32%	3.83%	3.15%	-6.69%	-1.43%	15.65%							
XOM	EXXON MOBIL CORP	10	Energy	25.71%	23.03%	22.12%	-0.58%	6.84%	8.21%	6.35%	2.74%	1.77%	-3.32%	-9.93%	-11.84%	-7.40%
CVX	CHEVRON CORP	10	Energy	16.20%	13.58%	13.64%	-3.94%	7.84%	12.61%	8.68%	3.57%	-1.01%	-8.62%	-13.64%	-14.08%	-6.89%
VLO	VALERO ENERGY CORP	10	Energy	18.38%	12.67%	0.04%	-12.69%	-4.27%	0.77%	3.30%	1.73%	5.51%	7.69%	-0.89%	-7.80%	-1.93%
GT	GOODYEAR TIRE & RUBBER CO	25	Consumer Discretionary	-3.60%	-0.19%	-4.85%	-8.77%	-4.05%	-0.04%	0.64%	3.47%	25.04%	7.74%	13.42%	5.18%	0.80%
NKE	NIKE INC -CL B	25	Consumer Discretionary	19.60%	24.74%	23.62%	21.65%	25.27%	22.57%	24.16%	26.04%	27.80%	31.54%	32.81%	15.82%	21.98%
PTV	PACTIV CORP	15	Materials	16.40%	16.16%	14.10%	20.03%									
SEE	SEALED AIR CORP	15	Materials	15.62%	15.61%	13.01%	13.13%	14.71%	15.20%	33.45%	20.04%	31.22%	42.60%	44.29%	24.24%	19.55%
TPR	TAPESTRY INC	25	Consumer Discretionary	91.01%	95.07%	99.49%	57.55%	62.33%	78.62%	86.87%	79.36%	62.31%	34.52%	36.47%	46.71%	52.57%
X	UNITED STATES STEEL CORP	15	Materials	8.69%	-1.03%	12.06%	-30.26%	-16.16%	-10.38%	-7.61%	-1.26%					
ATI	ALLEGHENY TECHNOLOGIES INC	15	Materials	22.23%	21.67%	11.25%	-10.21%	-7.75%	-0.53%	-3.08%	-6.89%	-8.71%				
PD.1	PHELPS DODGE CORP	15	Materials	52.94%												
NUE	NUCOR CORP	15	Materials	29.91%	19.05%	23.22%	-13.94%	-6.03%	5.36%	2.68%	-0.10%	0.55%	1.39%	1.93%	5.49%	14.62%
MAS	MASCO CORP	20	Industrials	20.18%	14.40%	0.76%	5.86%	-1.50%	7.31%	7.74%	21.91%	57.28%	28.01%	38.86%	41.25%	39.23%
PH	PARKER-HANNIFIN CORP	20	Industrials	16.02%	20.51%	19.97%	8.21%	11.57%	21.21%	22.69%	16.36%	13.50%	19.29%	17.95%	22.88%	22.72%
SNA	SNAP-ON INC	20	Industrials	16.85%	28.42%	26.87%	8.11%	10.69%	20.70%	30.14%	31.86%	36.54%	43.29%	50.08%	52.10%	49.13%
BLL	BALL CORP	15	Materials	7.89%	13.14%	8.57%	8.49%	13.55%	12.42%	14.14%	14.69%	14.50%	14.01%	16.76%	10.63%	10.20%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
DD	DUPONT DE NEMOURS INC	15	Materials	10.10%	6.03%	-2.53%	-5.01%	2.49%	2.59%	1.00%	1.60%	7.00%	7.10%	5.89%	0.92%	1.27%
CLX	CLOROX CO/DE	30	Consumer Staples	17.07%	19.79%	20.81%	25.05%	29.81%	25.32%	19.73%	21.67%	20.85%	24.11%	25.02%	24.60%	27.26%
CELG	CELGENE CORP	35	Health Care	-9.81%	28.30%	37.61%	56.73%	21.15%	21.79%	36.38%	26.74%	32.90%	14.22%	19.00%	17.13%	28.86%
HSP	HOSPIRA INC	35	Health Care	8.94%	12.68%	9.94%	18.35%	12.58%	8.69%	3.29%	5.40%	7.01%				
GENZ	GENZYME CORP	35	Health Care	1.77%	2.37%	1.45%	-1.62%	-2.75%								
JNJ	JOHNSON & JOHNSON	35	Health Care	22.58%	20.97%	25.60%	25.37%	26.08%	23.22%	19.69%	21.99%	23.65%	20.29%	24.98%	0.61%	13.68%
PG	PROCTER & GAMBLE CO	30	Consumer Staples	13.35%	8.89%	12.81%	11.02%	11.77%	11.53%	11.73%	13.01%	12.94%	11.64%	12.73%	14.78%	10.36%
WYE	WYETH	35	Health Care	26.32%	24.80%	24.67%										
SUN.1	SUNOCO INC	10	Energy	7.48%	3.80%	0.76%	-7.08%	-0.13%	-4.26%							
XOM	EXXON MOBIL CORP	10	Energy	19.06%	15.66%	15.60%	-3.47%	2.47%	4.39%	4.33%	0.54%	0.36%	-5.04%	-11.95%	-12.48%	-8.42%
CVX	CHEVRON CORP	10	Energy	10.91%	8.56%	8.65%	-5.44%	4.80%	9.51%	6.86%	2.63%	-1.49%	-9.57%	-15.38%	-14.29%	-7.24%
VLO	VALERO ENERGY CORP	10	Energy	13.75%	8.54%	-0.02%	-12.35%	-3.11%	0.29%	3.81%	0.96%	3.65%	4.61%	-2.83%	-9.31%	-3.17%
GT	GOODYEAR TIRE & RUBBER CO	25	Consumer Discretionary	-4.48%	-0.75%	-5.15%	-10.25%	-4.40%	-1.18%	0.29%	2.45%	3.25%	7.27%	9.34%	4.27%	1.53%
NKE	NIKE INC -CL B	25	Consumer Discretionary	16.19%	14.58%	14.46%	17.99%	19.91%	18.26%	19.77%	23.08%	23.95%	28.09%	27.89%	14.43%	20.87%
PTV	PACTIV CORP	15	Materials	6.93%	9.62%	10.86%	18.92%									
SEE	SEALED AIR CORP	15	Materials	11.24%	12.15%	8.54%	9.76%	12.00%	1.88%	3.72%	7.68%	17.72%	19.69%	20.43%	15.06%	17.71%
TPR	TAPESTRY INC	25	Consumer Discretionary	79.91%	86.36%	86.51%	54.57%	58.36%	77.85%	83.05%	72.82%	55.45%	27.54%	21.90%	32.93%	16.47%
X	UNITED STATES STEEL CORP	15	Materials	6.98%	-1.05%	11.74%	-29.40%	-14.07%	-11.27%	-7.26%	-6.39%					
ATI	ALLEGHENY TECHNOLOGIES INC	15	Materials	19.18%	20.62%	13.62%	-6.25%	-5.44%	-0.87%	-4.92%	-5.93%	-8.61%				
PD.1	PHELPS DODGE CORP	15	Materials	36.03%												
NUE	NUCOR CORP	15	Materials	25.42%	13.52%	13.50%	-12.71%	-5.57%	2.70%	-0.13%	-1.31%	-0.77%	-1.66%	0.02%	2.89%	11.22%
MAS	MASCO CORP	20	Industrials	12.70%	8.27%	-1.22%	-1.08%	1.22%	-0.56%	5.05%	15.77%	21.40%	27.01%	33.18%	30.19%	29.16%
PH	PARKER-HANNIFIN CORP	20	Industrials	11.41%	15.14%	13.32%	3.03%	5.63%	14.02%	14.10%	10.25%	6.23%	12.99%	10.52%	13.37%	11.21%
SNA	SNAP-ON INC	20	Industrials	11.38%	19.55%	22.88%	5.17%	6.76%	16.46%	26.11%	26.14%	29.12%	33.98%	40.76%	42.13%	40.61%
BLL	BALL CORP	15	Materials	6.65%	8.64%	5.98%	4.29%	10.43%	9.57%	10.38%	10.18%	10.29%	8.21%	3.14%	2.68%	2.51%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
JNPR	JUNIPER NETWORKS INC	45	Information Technology	75.28%	71.02%	106.26%	59.02%	122.33%	82.04%	34.34%	49.11%	33.50%	51.34%	40.98%	9.95%	31.85%
TEX	TEREX CORP	20	Industrials	10.64%	14.65%											
VIAV	VIAVI SOLUTIONS INC	45	Information Technology	-61.27%	-31.97%	-24.17%	-45.51%	-19.84%	15.74%	-14.81%						
ITW	ILLINOIS TOOL WORKS	20	Industrials	43.19%	39.91%	35.98%	21.02%	33.01%	44.93%	31.21%	37.23%	50.53%	55.61%	62.43%	43.75%	61.37%
QLGC	QLOGIC CORP	45	Information Technology	54.25%	55.52%	68.58%	28.57%	108.20%								
NOV	NATIONAL OILWELL VARCO INC	10	Energy	8.18%	16.18%	26.95%	19.43%	21.02%	22.09%	18.11%	11.74%	10.99%	3.30%	-12.69%	-14.39%	-8.80%
TT.2	TRANE INC	20	Industrials	8.52%	5.69%											
CMI	CUMMINS INC	20	Industrials	4.23%	2.56%	6.19%	-1.27%	8.01%	17.06%	14.75%	8.99%	5.29%	10.01%	8.37%	5.20%	13.08%
BC	BRUNSWICK CORP	25	Consumer Discretionary	0.44%	-4.91%											
BDK	BLACK & DECKER CORP	25	Consumer Discretionary	11.94%	22.15%	9.12%	2.85%									
SNDK	SANDISK CORP	45	Information Technology	1.47%	-9.71%	-55.56%	4.71%	31.92%	18.22%	7.47%	67.28%	62.99%	30.73%			
IR	INGERSOLL-RAND PLC	20	Industrials	22.36%	19.76%	73.35%		56.67%	66.02%	66.94%	54.78%	57.41%	47.85%	66.85%	57.22%	49.84%
DELL	DELL TECHNOLOGIES INC	45	Information Technology	77.26%	79.17%	71.20%	69.56%	105.68%	143.52%	122.38%						
LXK	LEXMARK INTL INC -CL A	45	Information Technology	17.96%	10.19%	12.60%	12.10%	22.51%	21.35%							
XRX	XEROX CORP	45	Information Technology	40.44%	33.49%	49.55%	16.22%	43.78%	70.77%	71.18%	52.67%	56.64%	68.20%	45.56%	32.20%	28.66%
JAVA	SUN MICROSYSTEMS INC	45	Information Technology	-40.24%	0.15%	4.13%	-28.75%									
CAT	CATERPILLAR INC	20	Industrials	16.81%	14.20%	11.12%	1.65%	6.62%	16.01%	12.68%	5.76%	4.07%	4.37%	-1.47%	4.34%	15.01%
AMAT	APPLIED MATERIALS INC	45	Information Technology	31.87%	35.51%	12.35%	-15.90%	24.57%	46.04%	20.71%	15.69%	27.06%	34.73%	39.68%	70.07%	51.27%
EMC	EMC CORP/MA	45	Information Technology	25.62%	26.71%	29.71%	26.82%	52.50%	61.42%	53.03%	54.43%	46.79%	37.66%			
NVLS.1	NOVELLUS SYSTEMS INC	45	Information Technology	7.47%	11.79%	-11.53%	-26.17%	42.11%	40.63%							

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
JNPR	JUNIPER NETWORKS INC	45	Information Technology	27.77%	33.60%	69.69%	36.61%	76.96%	42.15%	12.60%	31.99%	20.35%	32.86%	30.07%	5.86%	29.13%
TEX	TEREX CORP	20	Industrials	14.30%	14.77%											
VIAV	VIAVI SOLUTIONS INC	45	Information Technology	-39.40%	-22.76%	-17.92%	-27.03%	-15.35%	-2.67%	-14.23%						
ITW	ILLINOIS TOOL WORKS	20	Industrials	22.28%	19.53%	14.17%	1.74%	13.50%	17.89%	14.75%	15.75%	22.34%	23.38%	23.60%	21.98%	37.32%
QLGC	QLOGIC CORP	45	Information Technology	30.74%	25.14%	58.66%	23.98%	86.01%								
NOV	NATIONAL OILWELL VARCO INC	10	Energy	1.30%	9.59%	9.35%	0.29%	1.80%	1.87%	4.58%	0.67%	-0.37%	-3.78%	-13.14%	-12.71%	-10.18%
TT.2	TRANE INC	20	Industrials	4.02%	0.73%											
CMI	CUMMINS INC	20	Industrials	6.49%	2.80%	4.38%	-2.46%	7.10%	15.65%	13.51%	7.81%	3.41%	6.51%	6.89%	2.77%	6.62%
BC	BRUNSWICK CORP	25	Consumer Discretionary	-4.97%	-9.02%											
BDK	BLACK & DECKER CORP	25	Consumer Discretionary	5.60%	14.27%	5.82%	0.84%									
SNDK	SANDISK CORP	45	Information Technology	-2.60%	-11.47%	-38.14%	2.78%	24.25%	14.10%	6.31%	54.03%	43.10%	19.20%			
IR	INGERSOLL-RAND PLC	20	Industrials	13.23%	13.89%	6.65%		1.18%	2.78%	5.01%	2.14%	0.92%	3.29%	6.71%	9.28%	9.16%
DELL	DELL TECHNOLOGIES INC	45	Information Technology	63.05%	55.78%	50.55%	34.94%	50.49%	66.76%	29.04%						
LXK	LEXMARK INTL INC -CL A	45	Information Technology	14.51%	7.55%	11.16%	14.72%	18.57%	19.22%							
XRX	XEROX CORP	45	Information Technology	23.28%	19.08%	16.97%	7.21%	12.34%	11.19%	10.74%	9.23%	8.14%	11.79%	12.92%	17.71%	21.44%
JAVA	SUN MICROSYSTEMS INC	45	Information Technology	-31.82%	-5.47%	1.67%	-25.17%									
CAT	CATERPILLAR INC	20	Industrials	11.20%	14.14%	8.29%	-0.08%	5.29%	11.25%	8.69%	3.00%	0.43%	0.56%	-4.24%	2.19%	12.59%
AMAT	APPLIED MATERIALS INC	45	Information Technology	29.33%	30.89%	9.17%	-14.85%	15.01%	37.86%	13.37%	6.58%	14.82%	20.85%	30.16%	60.07%	50.05%
EMC	EMC CORP/MA	45	Information Technology	9.06%	11.37%	16.56%	12.04%	22.49%	28.16%	23.93%	25.88%	19.09%	16.14%			
NVLS.1	NOVELLUS SYSTEMS INC	45	Information Technology	9.52%	13.01%	-13.33%	-23.95%	36.95%	34.55%							

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
KODK	EASTMAN KODAK CO	45	Information Technology	-10.49%	-4.32%	-5.90%	-10.74%									
HPQ	HP INC	45	Information Technology	33.16%	35.66%	38.59%	47.47%	63.33%	50.05%	41.47%	34.40%	47.15%	75.20%	45.54%	263.89%	121.40%
PBI	PITNEY BOWES INC	20	Industrials	269.78%	108.47%	129.33%	97.52%	112.73%	93.56%	46.92%	43.71%	44.15%	39.73%	38.17%		
DE	DEERE & CO	20	Industrials	15.81%	17.90%	16.99%	5.19%	8.61%	14.41%	11.93%	13.33%	7.62%	2.44%	1.07%	1.28%	2.79%
SWK	STANLEY BLACK & DECKER INC	20	Industrials	22.64%	25.97%	20.63%	20.71%	66.34%	67.32%	67.90%	68.55%	60.56%	62.56%	66.56%	28.39%	30.93%
JCI	JOHNSON CONTROLS INTL PLC	20	Industrials	11.64%	11.05%	12.86%	-5.74%	15.64%	13.53%	9.27%	8.21%	8.45%	11.67%	-6.46%	24.06%	24.65%
DOV	DOVER CORP	20	Industrials	36.16%	34.34%	35.15%	22.01%	43.28%	45.37%	43.18%	50.11%	42.68%	46.20%	37.59%	32.71%	39.80%
NTAP	NETAPP INC	45	Information Technology	9.39%	10.52%	11.40%	21.36%	42.63%	28.57%	19.34%	29.94%	19.95%	10.21%	28.86%	7.19%	78.64%
ITT	ITT INC	20	Industrials	20.55%	29.59%	36.02%	26.16%	25.48%								
CSCO	CISCO SYSTEMS INC	45	Information Technology	73.73%	92.01%	87.13%	62.55%	81.95%	69.90%	75.47%	94.60%	72.68%	81.84%	94.73%	93.93%	-8.21%
PLL.1	PALL CORP	20	Industrials	-1.21%	-0.71%	6.60%	4.47%	10.62%	13.46%	13.14%	17.19%	17.77%				
AAPL	APPLE INC	45	Information Technology	221.19%	240.50%	271.80%	667.04%	1877.55%	#####	#####	4704.31%	6108.08%				240.44%
INTC	INTEL CORP	45	Information Technology	2.28%	16.47%	21.54%	25.69%	51.64%	50.30%	32.53%	24.12%	25.93%	23.70%	24.09%	10.13%	32.14%
JBL	JABIL INC	45	Information Technology	-6.75%	-9.05%	-4.25%	-11.97%	-0.13%	3.08%	3.14%	5.21%					
CIEN	CIENA CORP	45	Information Technology	-24.30%	13.71%	2.57%										
NVDA	NVIDIA CORP	45	Information Technology	56.06%	96.85%	5.42%	4.44%	40.51%	81.94%	86.86%	62.14%	83.51%	119.91%	274.79%	173.62%	130.25%
ALTR.1	ALTERA CORP	45	Information Technology	71.54%	49.96%	85.42%	60.40%	178.91%	164.68%	104.94%	63.17%	65.04%				
GLW	CORNING INC	45	Information Technology	4.12%	5.24%	42.81%	2.87%	12.69%	7.96%	2.55%	3.14%	0.01%	-1.15%	-0.67%	-0.93%	-2.01%
MOLX	MOLEX INC	45	Information Technology	-3.46%	-2.91%	-2.20%	-7.99%	4.04%	5.95%	4.42%						
5933B	AVAYA INC	45	Information Technology	1.20%												

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
KODK	EASTMAN KODAK CO	45	Information Technology	-13.73%	-5.11%	-5.76%	-11.38%									
HPQ	HP INC	45	Information Technology	15.48%	17.62%	18.83%	17.41%	23.36%	16.20%	11.47%	12.09%	16.69%	22.97%	11.44%	40.38%	23.83%
PBI	PITNEY BOWES INC	20	Industrials	21.09%	33.10%	35.01%	19.01%	22.22%	30.72%	13.94%	17.88%	20.27%	20.89%	17.48%		
DE	DEERE & CO	20	Industrials	10.52%	13.30%	14.36%	4.92%	8.27%	10.98%	9.19%	9.70%	3.68%	0.79%	1.03%	-0.22%	6.42%
SWK	STANLEY BLACK & DECKER INC	20	Industrials	9.37%	11.31%	4.94%	3.98%	11.58%	6.71%	5.43%	5.18%	5.96%	9.64%	12.11%	3.62%	8.69%
JCI	JOHNSON CONTROLS INTL PLC	20	Industrials	-0.26%	5.24%	7.80%	-7.01%	9.75%	7.66%	3.73%	8.00%	2.22%	8.93%	-15.85%	6.82%	2.64%
DOV	DOVER CORP	20	Industrials	7.63%	7.46%	12.37%	3.76%	18.39%	16.84%	12.99%	15.11%	9.76%	11.10%	4.28%	5.96%	11.52%
NTAP	NETAPP INC	45	Information Technology	-6.04%	6.55%	0.84%	18.47%	37.47%	20.73%	11.34%	21.66%	17.05%	1.85%	29.53%	5.07%	68.43%
ITT	ITT INC	20	Industrials	15.14%	15.82%	17.67%	10.55%	9.10%								
CSCO	CISCO SYSTEMS INC	45	Information Technology	45.59%	48.50%	48.74%	37.03%	49.07%	41.88%	49.33%	63.93%	39.91%	54.64%	64.80%	63.37%	-2.46%
PLL.1	PALL CORP	20	Industrials	-2.23%	-1.82%	3.87%	2.47%	8.40%	12.12%	9.87%	13.23%	11.72%				
AAPL	APPLE INC	45	Information Technology	111.84%	131.49%	124.21%	244.19%	300.12%	301.70%	271.34%	165.12%	156.23%	183.98%	151.20%	135.25%	49.17%
INTC	INTEL CORP	45	Information Technology	-0.96%	12.36%	15.33%	23.73%	44.62%	39.88%	20.41%	14.09%	16.77%	14.91%	16.90%	4.24%	19.07%
JBL	JABIL INC	45	Information Technology	-6.74%	-10.71%	-7.26%	-8.47%	-0.43%	2.75%	2.38%	1.53%					
CIEN	CIENA CORP	45	Information Technology	-22.43%	4.68%	-1.29%										
NVDA	NVIDIA CORP	45	Information Technology	46.65%	73.51%	-2.33%	-1.67%	21.86%	37.32%	36.73%	25.35%	39.75%	55.85%	119.03%	126.24%	115.90%
ALTR.1	ALTERA CORP	45	Information Technology	67.70%	46.06%	85.57%	58.68%	187.18%	168.24%	106.77%	59.16%	56.50%				
GLW	CORNING INC	45	Information Technology	1.66%	3.38%	9.44%	0.20%	12.93%	8.53%	2.53%	3.87%	3.88%	-1.51%	-3.62%	-1.69%	-2.99%
MOLX	MOLEX INC	45	Information Technology	-4.21%	-1.94%	-1.01%	-9.61%	3.38%	7.26%	4.36%						
5933B	AVAYA INC	45	Information Technology	-1.86%												

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
QCOM	QUALCOMM INC	45	Information Technology	135.23%	135.10%	85.13%	69.03%	109.67%	149.31%	154.15%	182.84%	199.83%	177.02%	151.85%	91.10%	-33.80%
TXN	TEXAS INSTRUMENTS INC	45	Information Technology	20.99%	26.00%	27.55%	22.58%	52.50%	40.80%	30.51%	34.94%	54.31%	60.58%	70.21%	73.33%	98.22%
MSI	MOTOROLA SOLUTIONS INC	45	Information Technology	38.05%	-4.61%	-44.46%	-5.43%	-1.27%	17.38%	24.78%	38.74%	49.57%	33.49%	57.11%	77.29%	66.54%
WHR	WHIRLPOOL CORP	25	Consumer Discretionary	-1.11%	3.12%	4.35%	5.69%	13.80%	15.08%	9.79%	20.90%	13.53%	11.83%	13.11%	8.11%	10.45%
TLAB	TELLABS INC	45	Information Technology	19.17%	-10.40%	1.57%	10.81%	26.79%								
XLNX	XILINX INC	45	Information Technology	44.78%	52.91%	52.97%	103.40%	221.64%	216.13%	236.54%	208.06%	170.22%	170.73%	233.44%	29.76%	107.26%
CBE	COOPER INDUSTRIES PLC	20	Industrials	18.19%	32.47%	40.63%			46.76%							
MXIM	MAXIM INTEGRATED PRODUCTS	45	Information Technology	12.30%												43.58%
ADCT	ADC TELECOMMUNICATIONS INC	45	Information Technology	4.48%												
ADI	ANALOG DEVICES	45	Information Technology	28.69%	22.70%	34.26%	19.21%	76.17%	90.63%	65.35%	63.72%	73.10%	96.37%	98.08%	157.35%	607.08%
MU	MICRON TECHNOLOGY INC	45	Information Technology	-16.32%	-20.69%	-27.38%	-29.41%	11.48%	-8.21%	-16.71%	-6.42%	22.50%	14.76%	-10.16%	19.26%	49.72%
NSM.2	NATIONAL SEMICONDUCTOR CORP	45	Information Technology	24.74%	36.49%	26.55%	36.73%	59.59%								
PMCS	PMC-SIERRA INC	45	Information Technology	-110.17%												
HAR	HARMAN INTERNATIONAL INDS	25	Consumer Discretionary	9.91%	12.76%	0.97%	-10.17%	2.89%	7.30%	26.80%	13.59%	16.30%	22.27%	21.88%		
AMD	ADVANCED MICRO DEVICES	45	Information Technology	-8.99%	-43.81%	-35.58%	-26.72%	0.49%	18.93%	-5.18%					6.36%	36.05%
ETN	EATON CORP PLC	20	Industrials	5.21%	6.60%	11.38%	-0.71%	13.37%	16.88%	13.07%	19.23%	22.90%	21.25%	19.92%	20.93%	27.60%
LSI.1	LSI CORP	45	Information Technology	14.96%	-46.43%	-32.20%	-12.22%	19.70%	20.44%	60.08%	31.96%					
BRCM	BROADCOM CORP	45	Information Technology	51.34%	6.68%	40.28%	11.09%	118.14%	89.99%	71.42%	51.54%	72.11%				

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
QCOM	QUALCOMM INC	45	Information Technology	104.46%	85.25%	43.98%	28.26%	18.41%	58.97%	65.96%	82.95%	90.89%	72.99%	52.60%	38.89%	-1.62%
TXN	TEXAS INSTRUMENTS INC	45	Information Technology	14.38%	22.27%	20.08%	21.86%	42.72%	22.12%	12.43%	15.66%	25.83%	32.46%	40.10%	51.86%	76.60%
MSI	MOTOROLA SOLUTIONS INC	45	Information Technology	25.71%	-16.48%	-15.51%	-5.65%	0.46%	13.89%	32.21%	29.05%	25.30%	40.95%	39.73%	30.49%	28.48%
WHR	WHIRLPOOL CORP	25	Consumer Discretionary	-8.03%	-5.37%	-7.05%	-4.05%	2.75%	-1.49%	1.36%	8.97%	3.73%	1.20%	2.32%	0.70%	2.37%
TLAB	TELLABS INC	45	Information Technology	8.56%	-14.88%	-7.38%	1.29%	14.44%								
XLNX	XILINX INC	45	Information Technology	24.01%	31.62%	41.86%	59.62%	98.71%	73.98%	54.46%	94.01%	94.16%	86.93%	101.12%	18.23%	93.67%
CBE	COOPER INDUSTRIES PLC	20	Industrials	13.20%	24.85%	27.58%			29.59%							
MXIM	MAXIM INTEGRATED PRODUCTS	45	Information Technology	3.21%												38.28%
ADCT	ADC TELECOMMUNICATIONS INC	45	Information Technology	-8.96%												
ADI	ANALOG DEVICES	45	Information Technology	24.97%	20.95%	31.78%	19.28%	71.06%	84.44%	57.83%	54.43%	34.94%	38.30%	43.75%	3.15%	4.74%
MU	MICRON TECHNOLOGY INC	45	Information Technology	-17.12%	-20.60%	-26.41%	-28.17%	10.30%	-7.22%	-16.40%	-6.75%	20.36%	13.35%	-10.32%	17.73%	46.44%
NSM.2	NATIONAL SEMICONDUCTOR CORP	45	Information Technology	20.73%	35.53%	29.57%	38.86%	66.31%								
PMCS	PMC-SIERRA INC	45	Information Technology	-46.32%												
HAR	HARMAN INTERNATIONAL INDS	25	Consumer Discretionary	3.76%	7.21%	-0.46%	-18.97%	2.85%	5.40%	15.92%	13.89%	16.11%	13.63%	10.02%		
AMD	ADVANCED MICRO DEVICES	45	Information Technology	-11.03%	-38.55%	-31.05%	-22.25%	-0.77%	17.69%	-8.11%					0.54%	23.11%
ETN	EATON CORP PLC	20	Industrials	2.26%	-0.26%	0.59%	-7.45%	5.75%	7.54%	2.52%	3.23%	3.89%	4.14%	4.01%	6.99%	10.17%
LSI.1	LSI CORP	45	Information Technology	10.92%	-25.06%	-15.42%	-11.92%	-1.17%	-1.32%	8.53%	9.86%					
BRCM	BROADCOM CORP	45	Information Technology	49.82%	5.17%	36.21%	7.34%	83.86%	57.69%	24.43%	17.36%	36.13%				

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
LLTC	LINEAR TECHNOLOGY CORP	45	Information Technology	111.29%	94.90%	110.70%	95.12%	151.30%	184.03%	106.79%	121.72%	133.39%	125.37%	119.43%		
SANM	SANMINA CORP	45	Information Technology	-8.89%												
TYC	TYCO INTERNATIONAL PLC	20	Industrials	11.13%	-6.64%	19.76%		20.85%	22.23%	5.94%	30.51%	35.58%	34.97%			
SLR	SOLECTRON CORP	45	Information Technology	-13.47%												
ROK	ROCKWELL AUTOMATION	20	Industrials	23.73%	29.00%	31.58%	11.59%	26.29%	36.94%	37.58%	38.31%	39.98%	44.98%	42.38%	47.17%	23.68%
GM	GENERAL MOTORS CO	25	Consumer Discretionary	8.94%	-72.19%	-39.10%					2.85%	1.22%	10.77%	4.07%	6.95%	-1.79%
GR	GOODRICH CORP	20	Industrials	19.88%	15.88%	19.65%	15.70%	12.62%	18.28%							
TXT	TEXTRON INC	20	Industrials	23.42%	25.99%	16.41%	-0.15%	0.59%	5.76%	4.87%	1.45%	0.11%	2.27%	6.01%	4.63%	2.34%
GD	GENERAL DYNAMICS CORP	20	Industrials	20.45%	22.03%	23.62%	21.48%	21.23%	19.77%	14.72%	12.77%	10.62%	16.27%	18.33%	23.71%	28.99%
HOG	HARLEY-DAVIDSON INC	25	Consumer Discretionary	45.12%	44.45%	36.69%	24.52%	26.81%	27.37%	26.69%	29.28%	29.81%	30.79%	30.99%	28.20%	25.65%
UTX	UNITED TECHNOLOGIES CORP	20	Industrials	27.34%	26.69%	26.86%	24.43%	25.35%	25.14%	21.04%	22.64%	23.22%	28.90%	32.56%	22.74%	16.25%
COL	ROCKWELL COLLINS	20	Industrials	27.13%	30.17%	32.25%	26.36%	19.20%	19.78%	18.67%	15.64%	10.85%	14.60%	16.36%	21.87%	
BA	BOEING CO	20	Industrials	31.55%	39.42%	15.29%	4.12%	10.45%	8.46%	3.89%	5.04%	1.99%	2.31%	5.26%	11.83%	8.54%
F	FORD MOTOR CO	25	Consumer Discretionary	-12.62%	-0.04%	-11.84%	0.58%	8.55%	27.38%	1.47%	1.82%	-6.38%	-0.43%	-2.80%	1.15%	-3.05%
AA.3	ALCOA INC	15	Materials	12.87%	3.88%	3.21%	-7.15%	-3.94%	-1.40%	-6.38%	-6.11%	-2.68%	-0.97%			
LMT	LOCKHEED MARTIN CORP	20	Industrials	24.17%	30.57%	32.17%	30.41%	25.45%	24.56%	25.05%	31.77%	33.65%	34.96%	29.69%	42.40%	50.75%
PCAR	PACCAR INC	20	Industrials	29.68%	16.10%	13.02%	-2.88%	0.40%	8.32%	6.39%	5.86%	3.75%	9.33%	6.92%	8.44%	10.78%
TMO	THERMO FISHER SCIENTIFIC INC	35	Health Care	6.00%	22.37%	24.47%	20.53%	26.54%	26.35%	30.48%	32.97%	34.16%	39.60%	45.54%	11.08%	32.79%
ZBH	ZIMMER BIOMET HOLDINGS INC	35	Health Care	48.82%	49.24%	39.19%	30.15%	33.92%	35.71%	36.30%	37.57%	36.17%	80.33%	181.51%	60.84%	31.76%
WAT	WATERS CORP	35	Health Care	48.84%	51.18%	58.98%	51.92%	59.50%	65.66%	66.40%	58.02%	55.64%	54.35%	56.59%	6.89%	65.16%
TEK.1	TEKTRONIX INC	45	Information Technology	16.14%												

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
LLTC	LINEAR TECHNOLOGY CORP	45	Information Technology	82.78%	80.31%	98.37%	74.72%	106.03%	134.17%	81.52%	84.73%	90.57%	99.60%	94.74%		
SANM	SANMINA CORP	45	Information Technology	-9.04%												
TYC	TYCO INTERNATIONAL PLC	20	Industrials	9.58%	-9.01%	4.65%		5.86%	6.82%	1.00%	15.28%	14.51%	16.87%			
SLR	SOLECTRON CORP	45	Information Technology	-13.76%												
ROK	ROCKWELL AUTOMATION	20	Industrials	12.09%	15.20%	22.32%	8.02%	22.94%	31.13%	33.77%	30.08%	30.73%	32.95%	27.64%	35.63%	26.33%
GM	GENERAL MOTORS CO	25	Consumer Discretionary	2.44%	-7.84%	-30.17%					4.25%	-1.33%	4.91%	5.50%	6.13%	-2.36%
GR	GOODRICH CORP	20	Industrials	9.03%	13.26%	15.85%	12.17%	8.91%	10.94%							
TXT	TEXTRON INC	20	Industrials	19.04%	18.17%	10.97%	-4.50%	-0.28%	4.72%	5.97%	1.39%	-2.11%	0.37%	4.27%	2.88%	1.58%
GD	GENERAL DYNAMICS CORP	20	Industrials	12.87%	14.73%	16.68%	14.53%	11.59%	10.88%	7.12%	8.34%	6.68%	12.24%	15.25%	17.20%	18.05%
HOG	HARLEY-DAVIDSON INC	25	Consumer Discretionary	39.06%	38.93%	32.14%	23.49%	25.23%	30.01%	29.91%	28.98%	27.01%	27.62%	28.33%	26.16%	22.88%
UTX	UNITED TECHNOLOGIES CORP	20	Industrials	17.93%	19.57%	20.10%	20.33%	19.88%	19.12%	10.20%	8.09%	6.91%	9.95%	8.88%	5.94%	2.76%
COL	ROCKWELL COLLINS	20	Industrials	26.39%	29.51%	32.49%	26.83%	19.37%	19.97%	19.39%	14.90%	10.70%	11.27%	13.01%	13.69%	
BA	BOEING CO	20	Industrials	15.35%	16.61%	9.76%	0.28%	6.28%	6.82%	1.78%	3.08%	-1.46%	-1.90%	-0.13%	6.84%	3.65%
F	FORD MOTOR CO	25	Consumer Discretionary	-14.08%	-2.33%	-11.60%	-0.22%	7.22%	7.50%	2.84%	0.44%	-6.06%	1.08%	-1.81%	0.25%	-3.75%
AA.3	ALCOA INC	15	Materials	9.36%	3.65%	0.88%	-9.85%	-5.66%	-2.83%	-7.13%	-5.64%	-4.04%	-2.21%			
LMT	LOCKHEED MARTIN CORP	20	Industrials	20.89%	26.91%	28.49%	30.12%	24.18%	19.23%	29.14%	25.32%	22.41%	18.14%	14.23%	26.47%	29.90%
PCAR	PACCAR INC	20	Industrials	25.89%	14.09%	12.86%	-0.91%	0.06%	9.49%	6.33%	4.98%	0.64%	6.46%	5.37%	6.91%	9.38%
TMO	THERMO FISHER SCIENTIFIC INC	35	Health Care	-6.70%	-1.25%	-0.91%	-3.01%	0.53%	1.37%	1.58%	2.38%	-0.43%	1.24%	2.93%	-2.46%	4.23%
ZBH	ZIMMER BIOMET HOLDINGS INC	35	Health Care	26.79%	30.11%	21.76%	15.33%	17.43%	20.41%	20.35%	20.99%	22.35%	8.10%	3.27%	1.98%	1.79%
WAT	WATERS CORP	35	Health Care	34.57%	35.60%	39.88%	36.12%	39.34%	45.28%	40.36%	39.92%	38.08%	39.17%	41.94%	3.28%	47.23%
TEK.1	TEKTRONIX INC	45	Information Technology	5.82%												

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
A	AGILENT TECHNOLOGIES INC	35	Health Care	27.54%	49.10%	40.97%	5.95%	41.93%	50.55%	51.27%	31.54%	32.20%	21.90%	39.77%	55.40%	15.31%
KLAC	KLA-TENCOR CORP	45	Information Technology	20.64%	39.11%	24.47%	-14.33%	25.01%	77.60%	59.34%	39.09%	40.59%	40.41%	56.63%	73.04%	55.07%
PKI	PERKINELMER INC	35	Health Care	23.46%	28.51%	28.82%	17.99%	27.05%	19.22%	35.61%	53.20%	39.09%	45.48%	47.07%	48.51%	67.11%
NOC	NORTHROP GRUMMAN CORP	20	Industrials	22.55%	30.34%	27.57%	16.86%	27.34%	27.22%	39.98%	46.14%	46.64%	51.17%	56.06%	49.75%	53.46%
MIL.2	MILLIPORE CORP	35	Health Care	22.13%	25.33%	19.75%	19.14%									
MDT	MEDTRONIC PLC	35	Health Care	59.21%	61.79%	75.85%	72.62%	68.49%	65.55%	70.37%	76.03%	89.25%	119.59%	122.43%	39.25%	68.00%
RTN	RAYTHEON CO	20	Industrials	8.78%	21.67%	20.65%	24.67%	31.26%	26.72%	25.35%	25.08%	26.64%	21.14%	19.79%	25.38%	50.69%
DHR	DANAHER CORP	35	Health Care	47.53%	47.64%	50.31%	40.92%	43.57%	84.98%	115.93%	100.14%	117.08%	218.99%	435.94%	225.16%	169.02%
LLL	L3 TECHNOLOGIES INC	20	Industrials	58.90%	51.68%	42.96%	43.95%	52.40%	57.86%	41.10%	40.33%	37.94%	43.66%	40.43%	36.63%	33.63%
TER	TERADYNE INC	45	Information Technology	11.53%	0.84%	-9.88%	-28.29%	102.74%	105.73%	62.91%						
BSX	BOSTON SCIENTIFIC CORP	35	Health Care	213.48%	441.26%	206.17%	166.84%	123.27%	152.85%	227.50%	240.77%	190.02%	156.31%	138.28%	50.70%	74.95%
STJ	ST JUDE MEDICAL INC	35	Health Care	54.85%	56.67%	55.37%	47.25%	47.34%	46.62%	43.84%	48.09%	45.76%	49.32%			
BCR	BARD (C.R.) INC	35	Health Care	52.99%	45.12%	56.66%	56.41%	63.04%	77.03%	78.61%	13.03%	94.39%	85.13%	99.11%		
BDX	BECTON DICKINSON & CO	35	Health Care	18.99%	18.37%	18.33%	19.14%	18.26%	20.01%	17.12%	20.64%	16.81%	23.24%	40.49%	41.22%	30.09%
5938B	BIOMET INC	35	Health Care	18.92%												
SYK	STRYKER CORP	35	Health Care	20.61%	18.26%	18.59%	15.23%	18.08%	19.82%	17.21%	13.06%	15.23%	20.76%	28.28%	19.40%	50.58%
EMR	EMERSON ELECTRIC CO	20	Industrials	30.94%	35.07%	34.76%	25.46%	34.12%	40.69%	39.92%	38.66%	38.46%	25.43%	29.04%	36.64%	42.47%
HAS	HASBRO INC	25	Consumer Discretionary	26.82%	40.36%	30.76%	36.35%	33.94%	30.98%	29.65%	32.39%	30.41%	30.28%	36.13%	27.84%	28.87%
NWL	NEWELL BRANDS INC	25	Consumer Discretionary	30.03%	30.49%	21.36%	24.53%	53.20%	55.30%	41.73%	47.04%	48.48%	59.17%			174.41%
MAT	MATTEL INC	25	Consumer Discretionary	36.68%	42.28%	21.50%	36.35%	45.95%	41.36%	51.02%	49.80%	26.11%	20.63%	22.22%	-25.47%	-18.73%
BRK3	BURLINGTON NORTHERN SANTA FE	20	Industrials	3.78%	3.15%	2.44%	-0.41%									
UPS	UNITED PARCEL SERVICE INC	20	Industrials	23.31%	38.60%	14.48%	6.89%	14.33%	13.15%	3.11%	17.96%	17.19%	20.93%	12.82%	23.81%	16.11%
CCL	CARNIVAL CORP/PLC (USA)	25	Consumer Discretionary	0.74%	-0.01%	-2.68%	-4.87%	-1.53%	-1.57%	-3.26%	-4.75%	-6.14%	-1.55%	-0.73%	-1.00%	-0.56%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
A	AGILENT TECHNOLOGIES INC	35	Health Care	14.40%	18.52%	21.88%	3.68%	24.02%	36.21%	27.28%	17.48%	15.04%	15.66%	25.30%	36.28%	9.13%
KLAC	KLA-TENCOR CORP	45	Information Technology	7.45%	33.77%	19.69%	-11.37%	17.34%	71.67%	67.34%	35.30%	39.11%	36.77%	56.30%	70.73%	60.11%
PKI	PERKINELMER INC	35	Health Care	2.50%	3.80%	4.82%	4.00%	2.37%	-2.53%	-3.25%	12.06%	7.14%	13.97%	15.80%	7.28%	6.23%
NOC	NORTHROP GRUMMAN CORP	20	Industrials	14.54%	19.33%	16.45%	10.14%	18.44%	23.25%	28.00%	32.24%	33.57%	38.86%	32.11%	32.28%	34.97%
MIL.2	MILLIPORE CORP	35	Health Care	8.13%	6.45%	5.46%	6.29%									
MDT	MEDTRONIC PLC	35	Health Care	33.08%	36.57%	38.95%	38.76%	37.21%	32.25%	36.58%	39.17%	5.88%	4.32%	5.64%	1.03%	11.12%
RTN	RAYTHEON CO	20	Industrials	9.87%	22.26%	27.44%	26.04%	33.32%	29.19%	23.29%	23.03%	22.78%	17.30%	17.93%	21.90%	44.88%
DHR	DANAHER CORP	35	Health Care	25.93%	20.99%	20.62%	12.97%	18.47%	21.14%	14.76%	15.01%	14.15%	10.18%	4.06%	5.21%	7.19%
LLL	L3 TECHNOLOGIES INC	20	Industrials	39.09%	34.46%	31.77%	29.38%	33.64%	33.40%	24.31%	21.92%	21.48%	19.24%	21.99%	21.03%	21.02%
TER	TERADYNE INC	45	Information Technology	10.54%	0.59%	-9.30%	-22.76%	62.93%	22.33%	19.44%						
BSX	BOSTON SCIENTIFIC CORP	35	Health Care	3.57%	-2.30%	-1.92%	3.02%	0.83%	-0.78%	-1.43%	-0.44%	0.44%	1.64%	5.35%	3.30%	11.69%
STJ	ST JUDE MEDICAL INC	35	Health Care	23.34%	28.10%	28.99%	26.91%	24.34%	21.20%	21.56%	23.35%	22.80%	18.15%			
BCR	BARD (C.R.) INC	35	Health Care	29.14%	23.54%	29.07%	28.71%	31.22%	27.94%	25.16%	-3.59%	19.20%	18.19%	25.23%		
BDX	BECTON DICKINSON & CO	35	Health Care	9.10%	10.20%	12.65%	15.50%	12.25%	12.55%	8.65%	10.05%	8.20%	2.24%	2.31%	9.41%	0.23%
5938B	BIOMET INC	35	Health Care	11.56%												
SYK	STRYKER CORP	35	Health Care	14.16%	10.56%	14.34%	9.35%	11.73%	11.00%	9.67%	7.01%	8.06%	13.03%	14.33%	7.98%	14.33%
EMR	EMERSON ELECTRIC CO	20	Industrials	21.95%	23.25%	25.62%	18.45%	18.68%	22.65%	20.76%	21.91%	21.79%	15.02%	17.93%	20.59%	18.68%
HAS	HASBRO INC	25	Consumer Discretionary	11.38%	21.43%	13.37%	15.23%	18.52%	16.40%	15.88%	19.01%	19.08%	20.49%	27.55%	21.86%	18.72%
NWL	NEWELL BRANDS INC	25	Consumer Discretionary	18.49%	18.30%	10.29%	9.70%	23.41%	22.47%	20.13%	20.02%	18.04%	19.57%	6.49%	-0.57%	7.15%
MAT	MATTEL INC	25	Consumer Discretionary	32.76%	37.06%	14.53%	24.94%	34.57%	34.57%	31.50%	28.12%	12.61%	8.93%	9.69%	-19.82%	-14.95%
BRK3	BURLINGTON NORTHERN SANTA FE	20	Industrials	0.92%	0.45%	-0.15%	-1.74%									
UPS	UNITED PARCEL SERVICE INC	20	Industrials	15.86%	26.08%	9.25%	4.37%	13.38%	8.67%	-8.76%	10.20%	11.92%	14.93%	7.33%	16.07%	13.45%
CCL	CARNIVAL CORP/PLC (USA)	25	Consumer Discretionary	0.15%	-0.52%	-3.13%	-5.19%	-1.84%	-1.84%	-3.47%	-4.91%	-6.32%	-1.80%	-1.06%	-1.29%	-0.85%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
LUV	SOUTHWEST AIRLINES	20	Industrials	-4.86%	-4.92%	-6.22%	-5.90%	-2.35%	-2.56%	-3.05%	-0.94%	0.52%	8.82%	7.03%	6.93%	2.37%
FDX	FEDEX CORP	20	Industrials	7.51%	5.68%	0.83%	0.29%	3.44%	5.56%	4.95%	3.67%	-2.54%	0.67%	6.86%	14.52%	3.62%
AT.2	ALLTEL CORP	50	Communication Services	10.28%												
S	SPRINT CORP	50	Communication Services	6.71%	2.19%	-4.58%	-9.80%	-16.97%	-11.28%	-6.74%						
DTV.2	DIRECTV	25	Consumer Discretionary	30.74%	18.83%	20.13%	16.66%	31.82%	44.55%	45.07%	37.83%	30.13%				
TRCO	TRIBUNE MEDIA CO	50	Communication Services													
VZ	VERIZON COMMUNICATIONS INC	50	Communication Services	6.86%	9.13%	15.23%	20.85%	20.93%	15.76%	20.99%	43.46%	26.94%	62.51%	60.19%	49.62%	41.98%
FTR	FRONTIER COMMUNICATIONS CORP	50	Communication Services	11.73%	12.31%	15.44%	17.15%	15.74%	12.66%	14.74%	14.91%	10.93%	14.77%	12.95%		
CBS	CBS CORP	50	Communication Services	92.31%	75.47%	133.63%	36.19%	60.16%	109.38%	147.54%	237.73%	1416.26%				930.22%
WINMQ	WINDSTREAM HOLDINGS INC	50	Communication Services	13.72%	22.21%	26.10%	24.51%	30.65%	25.27%	21.85%	23.82%	11.96%				
CMCSA	COMCAST CORP	50	Communication Services												305.85%	110.00%
5952B	UNIVISION COMMUNICATIONS INC	25	Consumer Discretionary													
TGNA	TEGNA INC	50	Communication Services	61.99%	57.98%	80.97%	25.88%	42.28%	45.47%	50.60%	54.60%	109.64%	558.15%			
TFCFA	TWENTY-FIRST CENTURY FOX INC	50	Communication Services	136.93%	117.65%	109.15%	107.21%	66.57%	80.01%	88.99%	81.53%	113.63%	136.86%	105.81%	77.36%	77.25%
SSP	EW SCRIPPS -CL A	50	Communication Services	73.38%	70.16%											
EQ.2	EMBARQ CORP	50	Communication Services	8.17%	5.78%	11.74%										
T	AT&T INC	50	Communication Services	-0.51%	3.52%	8.64%	7.33%	13.59%	5.88%	2.63%	13.21%	0.48%	7.79%	6.82%	11.72%	8.87%
CTL	CENTURYLINK INC	50	Communication Services	8.16%	12.24%	17.90%	20.22%	19.53%	17.50%	13.72%	13.98%	10.83%	12.04%	11.68%	6.76%	7.13%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
LUV	SOUTHWEST AIRLINES	20	Industrials	-4.72%	-3.99%	-6.50%	-5.84%	-3.21%	-2.95%	-2.44%	-2.47%	-0.02%	3.06%	5.17%	3.80%	1.56%
FDX	FEDEX CORP	20	Industrials	4.69%	3.47%	1.68%	1.47%	4.33%	8.18%	3.19%	2.94%	-6.34%	-1.15%	6.69%	10.58%	2.59%
AT.2	ALLTEL CORP	50	Communication Services	2.22%												
S	SPRINT CORP	50	Communication Services	-4.68%	-7.90%	-9.09%	-10.31%	-9.04%	-7.79%	-6.36%						
DTV.2	DIRECTV	25	Consumer Discretionary	26.51%	12.57%	13.89%	13.94%	26.21%	31.21%	29.09%	26.12%	19.53%				
TRCO	TRIBUNE MEDIA CO	50	Communication Services	6.56%												
VZ	VERIZON COMMUNICATIONS INC	50	Communication Services	-1.67%	-1.93%	3.73%	3.86%	4.65%	0.11%	1.20%	11.59%	0.38%	7.01%	2.24%	4.87%	4.18%
FTR	FRONTIER COMMUNICATIONS CORP	50	Communication Services	7.81%	6.03%	7.90%	9.89%	6.45%	3.42%	4.73%	4.23%	0.32%	2.04%	3.29%		
CBS	CBS CORP	50	Communication Services	4.06%	1.51%	6.18%	2.79%	7.83%	14.26%	17.71%	20.06%	22.02%	20.47%	28.98%	38.88%	56.79%
WINMQ	WINDSTREAM HOLDINGS INC	50	Communication Services	8.21%	6.70%	11.34%	8.35%	10.34%	7.09%	4.67%	6.59%	-0.97%				
CMCSA	COMCAST CORP	50	Communication Services	-5.43%	-6.26%	-1.01%	-0.66%	0.41%	2.02%	2.01%	2.44%	2.78%	3.23%	4.28%	5.62%	2.44%
5952B	UNIVISION COMMUNICATIONS INC	25	Consumer Discretionary	0.45%												
TGNA	TEGNA INC	50	Communication Services	29.72%	23.67%	18.76%	16.77%	30.74%	29.35%	32.16%	20.70%	16.19%	8.65%	15.49%		
TFCFA	TWENTY-FIRST CENTURY FOX INC	50	Communication Services	9.84%	10.13%	11.47%	2.70%	15.84%	15.73%	20.93%	25.79%	23.70%	27.91%	29.30%	24.07%	24.27%
SSP	EW SCRIPPS -CL A	50	Communication Services	43.72%	48.15%											
EQ.2	EMBARQ CORP	50	Communication Services	3.70%	2.32%	9.61%										
T	AT&T INC	50	Communication Services	-3.59%	-2.24%	6.07%	2.69%	5.09%	2.94%	0.35%	9.79%	-1.93%	2.85%	1.11%	2.63%	-0.58%
CTL	CENTURYLINK INC	50	Communication Services	4.75%	4.66%	10.60%	9.00%	9.94%	5.35%	2.71%	3.53%	1.14%	3.13%	2.23%	-0.08%	1.00%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
IHTM	IHEARTMEDIA INC	50	Communication Services	33.02%	42.10%											
DIS	DISNEY (WALT) CO	50	Communication Services	16.65%	19.56%	24.72%	16.49%	22.60%	25.10%	26.46%	28.91%	30.89%	32.71%	35.76%	34.90%	40.99%
TWX	TIME WARNER INC	25	Consumer Discretionary	689.30%	244.90%	109.38%	59.84%	88.06%	87.42%	97.67%	128.87%	189.13%	233.39%	376.23%	212.92%	
VIAB	VIACOM INC	50	Communication Services	102.57%	92.29%	101.75%	116.87%	75.39%	122.75%	130.63%	114.37%	124.35%	259.75%	533.62%	295.55%	152.05%
Q.2	QWEST COMMUNICATION INTL INC	50	Communication Services	2.30%	24.63%	5.95%	5.87%	6.72%								
KSE	KEYSPAN CORP	55	Utilities	3.33%												
0033A	ENERGY FUTURE HOLDINGS CORP	55	Utilities	22.25%												
ED	CONSOLIDATED EDISON INC	55	Utilities	3.72%	4.03%	0.47%	-2.11%	3.91%	4.47%	6.10%	5.59%	2.90%	4.10%	3.40%	5.39%	1.74%
AYE	ALLEGHENY ENERGY INC	55	Utilities	5.13%	4.02%	2.31%	-2.34%	3.47%								
GAS.2	NICOR INC	55	Utilities	1.50%	0.16%	-1.78%	-5.85%	0.36%								
D	DOMINION ENERGY INC	55	Utilities	4.54%	1.31%	8.36%	0.27%	2.20%	5.24%	7.44%	4.35%	4.59%	3.67%	2.95%	4.02%	2.06%
AW	ALLIED WASTE INDUSTRIES INC	20	Industrials	13.98%	16.07%											
KMI	KINDER MORGAN INC	10	Energy	10.06%						8.34%	5.72%	5.91%	4.74%	2.00%	3.96%	2.91%
CMS	CMS ENERGY CORP	55	Utilities	-2.94%	-4.35%	-1.48%	-6.65%	0.29%	0.70%	1.58%	1.90%	1.81%	1.82%	2.36%	3.72%	1.00%
AEP	AMERICAN ELECTRIC POWER CO	55	Utilities	3.14%	2.09%	0.12%	-3.65%	2.66%	2.13%	3.34%	2.86%	1.90%	2.20%	5.65%	4.01%	0.54%
CNP	CENTERPOINT ENERGY INC	55	Utilities	8.86%	6.69%	5.22%	0.22%	6.07%	4.89%	6.22%	3.70%	10.49%	19.25%	6.44%	8.32%	2.14%
WMB	WILLIAMS COS INC	10	Energy	4.55%	5.29%	6.59%	-3.73%	5.82%	7.10%	6.27%	2.22%	-5.10%	3.10%	2.55%	2.08%	2.45%
WM	WASTE MANAGEMENT INC	20	Industrials	10.91%	10.32%	7.98%	3.38%	7.68%	8.66%	8.70%	8.24%	10.62%	14.31%	13.72%	16.31%	16.42%
TE	TECO ENERGY INC	55	Utilities	1.99%	-0.70%	-0.75%	-3.91%	2.64%	2.51%	2.39%	1.17%	0.69%	1.49%			
XEL	XCEL ENERGY INC	55	Utilities	1.54%	0.93%	-0.41%	-4.74%	1.31%	1.47%	1.97%	1.31%	0.78%	1.43%	1.25%	2.72%	0.31%
AES	AES CORP (THE)	55	Utilities	11.03%	7.43%	5.77%	0.88%	6.95%	7.18%	5.69%	5.66%	5.69%	4.88%	5.07%	3.76%	4.23%
FE	FIRSTENERGY CORP	55	Utilities	11.20%	7.70%	3.92%	-3.95%	2.60%	0.18%	0.43%	1.48%	-2.14%	1.22%	17.65%	6.95%	3.47%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
IHTM	IHEARTMEDIA INC	50	Communication Services	5.61%	5.84%											
DIS	DISNEY (WALT) CO	50	Communication Services	7.13%	9.56%	15.05%	10.98%	13.13%	13.07%	15.91%	15.22%	15.77%	16.50%	22.88%	19.23%	20.16%
TWX	TIME WARNER INC	25	Consumer Discretionary	1.38%	-0.11%	-5.09%	2.02%	14.55%	16.09%	16.81%	25.53%	26.42%	30.33%	39.77%	38.39%	
VIAB	VIACOM INC	50	Communication Services	67.15%	49.66%	58.87%	65.75%	40.27%	89.73%	77.82%	84.88%	65.32%	118.95%	129.95%	99.75%	80.71%
Q.2	QWEST COMMUNICATION INTL INC	50	Communication Services	-0.03%	2.64%	6.45%	4.88%	7.55%								
KSE	KEYSPAN CORP	55	Utilities	3.24%												
0033A	ENERGY FUTURE HOLDINGS CORP	55	Utilities	17.53%												
ED	CONSOLIDATED EDISON INC	55	Utilities	3.13%	2.67%	0.10%	-3.60%	3.26%	2.22%	3.12%	0.87%	1.14%	2.51%	2.37%	2.05%	1.00%
AYE	ALLEGHENY ENERGY INC	55	Utilities	5.05%	5.27%	2.25%	-1.60%	3.91%								
GAS.2	NICOR INC	55	Utilities	-1.57%	-1.19%	-2.86%	-6.66%	-0.52%								
D	DOMINION ENERGY INC	55	Utilities	4.04%	-5.65%	5.29%	-4.51%	3.50%	5.13%	4.78%	3.10%	3.14%	3.69%	2.68%	2.33%	1.85%
AW	ALLIED WASTE INDUSTRIES INC	20	Industrials	15.64%	16.44%											
KMI	KINDER MORGAN INC	10	Energy	6.35%						6.10%	5.21%	5.89%	5.58%	3.85%	3.21%	3.18%
CMS	CMS ENERGY CORP	55	Utilities	-6.20%	-6.66%	-0.27%	-5.65%	2.23%	2.10%	2.79%	2.67%	2.07%	2.16%	2.52%	2.22%	1.18%
AEP	AMERICAN ELECTRIC POWER CO	55	Utilities	0.64%	0.11%	-0.21%	-2.21%	2.52%	1.79%	2.24%	1.89%	1.44%	1.60%	2.14%	1.55%	-0.42%
CNP	CENTERPOINT ENERGY INC	55	Utilities	0.57%	2.91%	5.92%	-1.29%	3.88%	4.49%	4.12%	2.35%	4.19%	3.45%	2.68%	3.22%	0.29%
WMB	WILLIAMS COS INC	10	Energy	3.19%	5.44%	6.19%	-3.95%	2.46%	4.19%	4.84%	2.23%	-1.29%	-1.18%	-0.65%	-0.69%	0.52%
WM	WASTE MANAGEMENT INC	20	Industrials	8.23%	8.39%	6.82%	0.16%	6.58%	7.34%	6.30%	4.31%	6.47%	10.68%	10.24%	12.13%	12.90%
TE	TECO ENERGY INC	55	Utilities	3.19%	2.52%	0.33%	-3.04%	4.36%	3.72%	3.06%	1.63%	1.39%	2.14%			
XEL	XCEL ENERGY INC	55	Utilities	-0.18%	1.20%	-0.19%	-3.92%	1.83%	1.88%	2.01%	1.70%	1.27%	1.63%	1.39%	1.01%	-0.11%
AES	AES CORP (THE)	55	Utilities	8.74%	6.86%	4.99%	-0.29%	4.22%	5.06%	5.02%	3.89%	4.24%	3.50%	1.75%	2.84%	4.79%
FE	FIRSTENERGY CORP	55	Utilities	7.49%	5.72%	6.03%	-1.96%	4.91%	3.24%	2.34%	2.04%	-2.20%	0.88%	1.81%	4.00%	3.43%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
DUK	DUKE ENERGY CORP	55	Utilities	3.62%	-0.26%	-0.30%	-5.37%	1.76%	1.01%	2.54%	2.73%	1.16%	2.08%	1.89%	3.52%	0.32%
EIX	EDISON INTERNATIONAL	55	Utilities	17.85%	15.04%	10.36%	6.11%	5.50%	7.23%	4.01%	3.96%	4.14%	1.13%	2.21%	3.04%	3.57%
EP	EL PASO CORP	10	Energy	4.72%	4.09%	9.39%	4.71%	4.22%	5.77%							
SO	SOUTHERN CO	55	Utilities	4.20%	3.37%	1.77%	-3.41%	2.38%	2.58%	2.98%	3.53%	2.99%	2.88%	2.80%	4.12%	1.55%
PCG	PG&E CORP	55	Utilities	3.29%	1.74%	0.93%	-4.05%	2.28%	2.74%	2.85%	1.05%	1.28%	1.57%	2.27%	2.02%	6.72%
DTE	DTE ENERGY CO	55	Utilities	1.43%	-2.40%	1.64%	-1.55%	5.68%	5.21%	3.93%	2.98%	4.22%	3.19%	3.06%	4.92%	2.71%
PPL	PPL CORP	55	Utilities	7.89%	8.48%	6.20%	-4.02%	7.11%	6.65%	4.63%	5.25%	3.20%	3.27%	4.57%	5.04%	2.70%
ETR	ENTERGY CORP	55	Utilities	8.94%	8.22%	5.18%	-0.65%	4.93%	5.00%	4.42%	2.63%	2.90%	6.69%	9.29%	3.20%	2.37%
PGL1	PEOPLES ENERGY CORP	55	Utilities	1.43%												
NEE	NEXTERA ENERGY INC	55	Utilities	4.19%	2.47%	1.85%	-3.72%	3.23%	3.16%	1.86%	1.41%	2.05%	2.50%	0.83%	6.31%	-0.90%
STR	QUESTAR CORP	55	Utilities	9.52%	8.07%	8.51%	-1.75%									
CEG	CONSTELLATION ENERGY GRP INC	55	Utilities	3.99%	3.69%	-4.61%	-33.59%	13.32%	4.42%							
PNW	PINNACLE WEST CAPITAL CORP	55	Utilities	2.21%	0.82%	-0.97%	-4.43%	1.87%	1.95%	2.83%	2.18%	1.44%	2.15%	1.79%	3.81%	0.31%
NI	NISOURCE INC	55	Utilities	3.40%	2.19%	-1.06%	-6.30%	1.78%	2.56%	3.49%	3.24%	2.58%	1.07%	2.11%	3.18%	3.47%
PEG	PUBLIC SERVICE ENTRP GRP INC	55	Utilities	12.13%	14.78%	13.66%	6.45%	10.09%	10.51%	6.95%	4.89%	5.00%	5.62%	4.54%	4.80%	0.91%
SRE	SEMPRA ENERGY	55	Utilities	4.83%	3.06%	-0.17%	-4.70%	2.03%	1.45%	2.14%	2.09%	1.80%	2.59%	0.10%	2.69%	2.47%
EXC	EXELON CORP	55	Utilities	12.63%	10.96%	11.73%	5.28%	8.39%	6.63%	3.56%	3.45%	1.89%	3.02%	2.05%	1.31%	1.26%
DUK8	PROGRESS ENERGY INC	55	Utilities	2.67%	1.54%	0.63%	-3.63%	2.25%	0.86%							
AEE	AMEREN CORP	55	Utilities	0.49%	-0.10%	-1.75%	-6.03%	0.13%	-0.56%	7.20%	1.12%	0.71%	1.43%	1.20%	2.82%	0.28%
GWW	GRAINGER (W W) INC	20	Industrials	9.21%	10.55%	11.04%	4.49%	12.22%	18.53%	20.90%	20.79%	21.70%	20.53%	18.88%	19.17%	24.45%
GPC	GENUINE PARTS CO	25	Consumer Discretionary	9.79%	9.26%	6.57%	2.56%	7.89%	10.23%	12.87%	11.91%	12.09%	12.45%	12.44%	10.67%	11.90%
PDCO	PATTERSON COS INC	35	Health Care	29.01%	26.77%	23.73%	20.35%	20.40%	17.36%	18.40%	17.41%	14.42%	14.24%	18.83%	12.23%	
ABC	AMERISOURCEBERGEN CORP	35	Health Care	3.13%	3.78%	1.61%	0.58%	4.94%	6.11%	7.17%	0.30%	-0.09%	-1.38%	10.07%	8.87%	10.62%
CAH	CARDINAL HEALTH INC	35	Health Care	8.89%	12.55%	8.63%	6.33%	0.84%	4.51%	5.77%	6.45%	7.12%	9.31%	9.61%	10.11%	11.77%
SPLS	STAPLES INC	25	Consumer Discretionary	19.36%	17.52%	13.84%	12.69%	17.87%	16.54%	17.06%	10.14%	10.06%	11.46%	14.58%		
SVU	SUPERVALU INC	30	Consumer Staples	9.59%	5.83%	4.17%	-2.00%	1.41%	1.65%							

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
DUK	DUKE ENERGY CORP	55	Utilities	0.89%	0.35%	-0.15%	-4.00%	2.14%	0.98%	1.76%	2.47%	1.42%	1.92%	1.52%	1.81%	0.69%
EIX	EDISON INTERNATIONAL	55	Utilities	5.22%	5.80%	4.79%	-8.12%	5.49%	2.64%	2.03%	2.08%	2.50%	0.38%	0.39%	0.85%	0.38%
EP	EL PASO CORP	10	Energy	2.44%	3.06%	5.52%	-0.21%	4.84%	3.92%							
SO	SOUTHERN CO	55	Utilities	2.24%	0.81%	0.04%	-5.40%	2.79%	2.91%	2.95%	1.99%	1.72%	2.73%	0.15%	1.74%	0.28%
PCG	PG&E CORP	55	Utilities	-0.54%	-0.34%	1.99%	-1.22%	1.88%	1.81%	1.67%	0.79%	0.71%	-0.01%	0.82%	0.58%	-0.70%
DTE	DTE ENERGY CO	55	Utilities	-0.16%	-2.82%	0.38%	-2.64%	5.84%	3.52%	1.57%	1.36%	3.31%	2.16%	1.91%	2.26%	1.48%
PPL	PPL CORP	55	Utilities	4.48%	5.06%	4.29%	-4.75%	5.74%	6.21%	3.83%	3.30%	3.03%	2.73%	4.41%	3.23%	2.51%
ETR	ENTERGY CORP	55	Utilities	5.13%	10.11%	0.27%	0.07%	2.52%	-0.50%	1.04%	-0.19%	1.23%	-0.64%	1.51%	0.87%	-2.60%
PGL1	PEOPLES ENERGY CORP	55	Utilities	-1.57%												
NEE	NEXTERA ENERGY INC	55	Utilities	3.31%	1.73%	1.54%	-4.81%	2.33%	2.23%	1.54%	1.36%	2.23%	2.54%	1.19%	4.00%	0.33%
STR	QUESTAR CORP	55	Utilities	9.02%	9.20%	11.19%	-1.54%									
CEG	CONSTELLATION ENERGY GRP INC	55	Utilities	2.59%	3.34%	-6.32%	-13.63%	1.31%	-0.02%							
PNW	PINNACLE WEST CAPITAL CORP	55	Utilities	-0.06%	-1.01%	-2.48%	-6.25%	-0.23%	-0.43%	0.31%	2.62%	0.84%	1.89%	1.34%	1.37%	-0.15%
NI	NISOURCE INC	55	Utilities	-0.07%	1.14%	0.21%	-2.95%	2.23%	1.28%	2.90%	2.30%	1.74%	-0.11%	0.96%	0.89%	0.52%
PEG	PUBLIC SERVICE ENTRP GRP INC	55	Utilities	6.21%	8.07%	1.94%	1.89%	11.19%	8.85%	7.47%	2.54%	3.65%	4.68%	2.96%	2.32%	0.96%
SRE	SEMPRA ENERGY	55	Utilities	4.36%	3.28%	1.05%	-3.96%	1.23%	1.10%	0.67%	1.75%	0.62%	1.58%	-0.50%	1.12%	0.82%
EXC	EXELON CORP	55	Utilities	8.14%	6.25%	8.40%	3.51%	8.14%	8.01%	2.57%	0.94%	0.49%	1.92%	0.80%	-0.41%	-0.17%
DUK8	PROGRESS ENERGY INC	55	Utilities	0.45%	0.61%	1.33%	-4.25%	3.86%	2.15%							
AEE	AMEREN CORP	55	Utilities	0.49%	-0.34%	-0.91%	-3.89%	1.71%	1.27%	1.64%	1.86%	1.67%	1.70%	1.46%	1.08%	0.33%
GWW	GRAINGER (W W) INC	20	Industrials	9.20%	8.16%	10.05%	4.70%	9.75%	15.01%	15.92%	14.93%	15.44%	13.39%	12.74%	12.95%	18.46%
GPC	GENUINE PARTS CO	25	Consumer Discretionary	7.48%	6.91%	3.32%	1.91%	6.26%	7.40%	9.36%	6.24%	7.38%	7.15%	7.19%	4.14%	4.17%
PDCO	PATTERSON COS INC	35	Health Care	20.17%	24.28%	25.30%	20.38%	22.52%	17.37%	19.23%	18.28%	14.98%	10.04%	8.25%	3.28%	
ABC	AMERISOURCEBERGEN CORP	35	Health Care	2.80%	1.46%	-0.21%	-0.78%	3.37%	5.61%	3.91%	-2.13%	-1.62%	-3.01%	2.67%	2.39%	-0.77%
CAH	CARDINAL HEALTH INC	35	Health Care	3.21%	4.75%	3.16%	1.84%	-0.10%	3.39%	4.56%	2.96%	3.43%	7.04%	5.37%	4.53%	-0.67%
SPLS	STAPLES INC	25	Consumer Discretionary	13.56%	14.96%	10.90%	6.47%	17.02%	13.03%	16.27%	10.02%	6.86%	10.07%	14.11%		
SVU	SUPERVALU INC	30	Consumer Staples	5.53%	1.10%	-0.79%	-3.17%	-1.25%	-1.47%							

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
OMX	OFFICEMAX INC	25	Consumer Discretionary	8.15%	5.38%											
SYT	SYSCO CORP	30	Consumer Staples	26.15%	26.64%	21.48%	14.74%	19.24%	15.41%	12.56%	8.16%	10.08%	12.24%	9.87%	11.32%	16.64%
MCK	MCKESSON CORP	35	Health Care	5.73%	5.12%	6.41%	4.60%	10.05%	8.88%	6.73%	4.02%	6.43%	7.79%	2.87%	4.32%	5.26%
HD	HOME DEPOT INC	25	Consumer Discretionary	2.99%	0.84%	-1.09%	-1.97%	0.57%	1.98%	5.27%	7.61%	9.99%	14.32%	17.93%	19.90%	25.07%
LOW	LOWE'S COS INC	25	Consumer Discretionary	-0.20%	-0.95%	-3.48%	-5.28%	-2.86%	-3.70%	-2.17%	-1.38%	-0.02%	2.57%	4.69%	5.03%	1.20%
TGT	TARGET CORP	25	Consumer Discretionary	3.86%	2.85%	0.47%	0.43%	2.62%	1.84%	1.35%	0.47%	1.62%	3.57%	4.82%	3.43%	1.42%
SHLDQ	SEARS HOLDINGS CORP	25	Consumer Discretionary	1.10%	-3.05%	-5.84%	-6.38%	-5.93%	-26.11%							
COST	COSTCO WHOLESALE CORP	30	Consumer Staples	-0.72%	0.17%	-0.03%	-1.91%	-0.11%	-0.01%	1.03%	3.07%	0.98%	2.92%	2.81%	1.77%	0.46%
WMT	WALMART INC	30	Consumer Staples	1.92%	1.41%	1.86%	2.63%	3.93%	3.03%	4.12%	4.68%	3.46%	3.30%	2.77%	2.72%	1.45%
BIG	BIG LOTS INC	25	Consumer Discretionary	-0.03%	2.72%	4.47%	6.96%	10.48%	7.68%	5.37%						
JCP	PENNEY (J C) CO	25	Consumer Discretionary	6.13%	5.41%	0.34%	-2.75%	0.46%	-1.41%	-21.12%						
DG	DOLLAR GENERAL CORP	25	Consumer Discretionary	0.19%						24.72%	23.34%	20.99%	21.86%	21.89%	21.56%	19.98%
M	MACY'S INC	25	Consumer Discretionary	-0.67%	1.77%	2.32%	0.57%	4.08%	5.94%	9.01%	10.55%	9.85%	6.28%	2.82%	4.93%	3.91%
DDS	DILLARDS INC -CL A	25	Consumer Discretionary	-1.63%	-5.81%											
KSS	KOHL'S CORP	25	Consumer Discretionary	7.03%	5.01%	1.90%	2.33%	5.20%	4.09%	3.45%	3.81%	2.37%	3.19%	1.41%	3.00%	2.32%
FDO	FAMILY DOLLAR STORES	25	Consumer Discretionary	3.42%	4.38%	2.59%	5.25%	9.21%	9.39%	9.35%	8.07%	4.02%				
WFM	WHOLE FOODS MARKET INC	30	Consumer Staples	3.58%	-1.87%	-3.27%	0.39%	3.01%	6.25%	9.34%	9.32%	8.77%	7.98%	5.44%		
SWY	SAFEWAY INC	30	Consumer Staples	1.74%	-2.62%	0.34%	1.72%	-1.12%	-0.70%	-0.44%	-3.29%					

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
OMX	OFFICEMAX INC	25	Consumer Discretionary	8.04%	6.91%											
SYT	SYSCO CORP	30	Consumer Staples	27.02%	27.71%	24.22%	2.49%	11.15%	8.20%	6.93%	5.49%	7.34%	10.15%	9.29%	8.36%	13.96%
MCK	MCKESSON CORP	35	Health Care	4.82%	4.07%	3.40%	3.08%	5.59%	4.15%	5.32%	-1.29%	1.84%	3.33%	2.73%	-0.18%	1.61%
HD	HOME DEPOT INC	25	Consumer Discretionary	1.87%	-0.48%	-2.27%	-2.85%	0.50%	2.15%	4.86%	6.68%	9.32%	13.16%	16.20%	18.61%	23.82%
LOW	LOWE'S COS INC	25	Consumer Discretionary	-0.70%	-1.31%	-3.50%	-5.92%	-3.57%	-3.76%	-2.88%	-2.15%	-0.66%	2.10%	4.49%	4.85%	0.61%
TGT	TARGET CORP	25	Consumer Discretionary	2.38%	2.07%	0.30%	0.97%	3.25%	2.16%	0.66%	-0.67%	0.93%	1.87%	4.15%	2.80%	1.83%
SHLDQ	SEARS HOLDINGS CORP	25	Consumer Discretionary	-0.09%	-3.08%	-7.03%	-6.54%	-7.07%	-14.59%							
COST	COSTCO WHOLESALE CORP	30	Consumer Staples	-1.27%	-0.77%	-0.15%	-1.73%	-0.37%	0.13%	0.68%	2.93%	0.70%	2.50%	3.88%	1.77%	0.32%
WMT	WALMART INC	30	Consumer Staples	1.61%	1.09%	1.98%	1.78%	4.01%	3.24%	3.43%	3.68%	2.43%	2.05%	2.65%	2.20%	0.69%
BIG	BIG LOTS INC	25	Consumer Discretionary	-1.47%	2.18%	4.94%	7.63%	10.82%	7.14%	5.11%						
JCP	PENNEY (J C) CO	25	Consumer Discretionary	2.97%	5.34%	0.40%	-3.03%	0.09%	-4.89%	-24.51%						
DG	DOLLAR GENERAL CORP	25	Consumer Discretionary	-1.56%						12.24%	12.12%	10.84%	12.66%	13.31%	13.84%	13.94%
M	MACY'S INC	25	Consumer Discretionary	-2.81%	-0.64%	-1.05%	-1.02%	2.87%	3.45%	4.90%	5.26%	5.58%	3.03%	-0.56%	1.97%	1.89%
DDS	DILLARDS INC -CL A	25	Consumer Discretionary	-3.27%	-6.26%											
KSS	KOHL'S CORP	25	Consumer Discretionary	5.88%	3.86%	1.96%	1.94%	4.70%	4.12%	1.43%	2.60%	1.51%	1.64%	0.68%	2.03%	1.22%
FDO	FAMILY DOLLAR STORES	25	Consumer Discretionary	1.01%	5.54%	2.52%	4.91%	8.94%	10.63%	7.66%	7.66%	3.20%				
WFM	WHOLE FOODS MARKET INC	30	Consumer Staples	2.31%	-3.50%	-3.31%	0.90%	1.55%	6.71%	8.56%	6.75%	5.84%	6.19%	5.78%		
SWY	SAFEWAY INC	30	Consumer Staples	1.12%	-2.21%	0.85%	-0.16%	-1.96%	-1.78%	-1.36%	-6.25%					

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
KR	KROGER CO	30	Consumer Staples	1.91%	-2.11%	0.43%	1.62%	0.66%	-1.72%	2.46%	1.27%	2.84%	3.48%	2.87%	0.90%	-1.37%
AZO	AUTOZONE INC	25	Consumer Discretionary	8.91%	8.96%	6.79%	9.23%	11.88%	13.08%	13.98%	14.56%	11.72%	11.22%	10.97%	11.59%	14.59%
AN	AUTONATION INC	25	Consumer Discretionary	4.22%	3.99%	5.40%	-1.71%	1.87%	2.11%	2.91%	3.33%	1.26%	0.95%	-0.25%		
TJX	TJX COS INC (THE)	25	Consumer Discretionary	5.41%	8.68%	6.78%	15.16%	19.18%	19.35%	25.89%	26.44%	26.26%	25.17%	24.40%	24.38%	25.16%
LB	L BRANDS INC	25	Consumer Discretionary	12.68%	1.31%	4.11%	11.86%	25.10%	38.54%	38.72%	33.56%	36.32%	41.92%	39.97%	27.28%	21.23%
JWN	NORDSTROM INC	25	Consumer Discretionary	8.88%	11.09%	3.13%	2.35%	6.26%	5.93%	7.78%	5.71%	4.51%	2.45%	0.95%	-0.76%	1.13%
GPS	GAP INC	25	Consumer Discretionary	1.15%	4.20%	7.26%	11.96%	17.33%	9.39%	17.94%	18.31%	17.71%	14.33%	10.84%	10.57%	12.27%
RSHCQ	RS LEGACY CORP	25	Consumer Discretionary	4.18%	8.54%	8.02%	12.51%	13.24%								
BBBY	BED BATH & BEYOND INC	25	Consumer Discretionary	15.43%	8.57%	0.83%	7.53%	14.23%	17.74%	16.52%	17.24%	12.18%	10.62%	6.76%		
CCTYQ	CIRCUIT CITY STORES INC	25	Consumer Discretionary	-7.48%	-25.81%											
BBY	BEST BUY CO INC	25	Consumer Discretionary	8.83%	6.39%	2.33%	3.48%	5.31%	4.68%	-3.16%	-1.21%	5.44%	3.00%	5.88%	6.96%	8.20%
WEN.2	WENDY'S INTERNATIONAL INC	25	Consumer Discretionary	-4.49%	2.02%											
SBUX	STARBUCKS CORP	25	Consumer Discretionary	9.50%	8.42%	5.93%	8.83%	18.49%	22.49%	23.66%	50.93%	31.44%	38.46%	40.04%	39.10%	34.62%
DRI	DARDEN RESTAURANTS INC	25	Consumer Discretionary	7.97%	8.90%	5.00%	5.76%	8.06%	6.42%	4.96%	0.33%	6.83%	15.23%	23.05%	28.20%	20.33%
MCD	MCDONALD'S CORP	25	Consumer Discretionary	7.87%	11.68%	12.35%	14.05%	17.07%	18.71%	17.71%	16.52%	14.44%	16.90%	20.85%	16.19%	23.88%
YUM	YUM BRANDS INC	25	Consumer Discretionary	18.15%	18.31%	20.48%	24.98%	29.18%	33.28%	32.68%	26.58%	26.69%	27.03%	37.88%	125.45%	131.04%
TIF	TIFFANY & CO	25	Consumer Discretionary	0.78%	3.12%	3.97%	2.35%	7.85%	9.19%	5.56%	11.92%	6.53%	6.95%	5.27%	3.98%	8.30%
CMX.1	CAREMARK RX INC	35	Health Care	37.71%												

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
KR	KROGER CO	30	Consumer Staples	0.25%	-3.59%	1.63%	2.35%	-1.24%	-2.02%	2.34%	0.36%	1.32%	2.91%	1.90%	-0.19%	-2.08%
AZO	AUTOZONE INC	25	Consumer Discretionary	9.51%	9.07%	7.50%	9.36%	10.60%	12.68%	13.05%	13.39%	10.00%	10.32%	10.17%	10.10%	11.59%
AN	AUTONATION INC	25	Consumer Discretionary	0.31%	2.46%	-2.35%	-0.27%	1.43%	1.97%	2.46%	2.46%	0.31%	-0.01%	-1.32%		
TJX	TJX COS INC (THE)	25	Consumer Discretionary	4.46%	5.13%	7.88%	12.67%	17.00%	17.64%	21.21%	22.14%	22.86%	21.29%	20.15%	20.95%	21.64%
LB	L BRANDS INC	25	Consumer Discretionary	5.40%	-2.35%	0.90%	6.25%	13.72%	23.10%	26.60%	23.85%	27.09%	30.32%	31.20%	19.87%	14.44%
JWN	NORDSTROM INC	25	Consumer Discretionary	6.40%	9.44%	2.01%	0.72%	6.30%	6.10%	7.94%	5.58%	4.27%	4.32%	0.23%	-1.02%	0.47%
GPS	GAP INC	25	Consumer Discretionary	-0.67%	2.92%	7.07%	10.14%	18.85%	8.65%	16.15%	18.29%	17.31%	14.60%	8.24%	9.50%	12.54%
RSHCQ	RS LEGACY CORP	25	Consumer Discretionary	1.30%	9.67%	9.03%	12.96%	13.94%								
BBBY	BED BATH & BEYOND INC	25	Consumer Discretionary	10.73%	8.04%	-0.43%	6.08%	12.84%	17.58%	14.53%	14.45%	8.94%	9.37%	5.23%		
CCTYQ	CIRCUIT CITY STORES INC	25	Consumer Discretionary	-4.94%	-23.69%											
BBY	BEST BUY CO INC	25	Consumer Discretionary	9.12%	6.38%	0.26%	1.09%	2.09%	3.06%	-4.40%	-2.07%	0.56%	2.88%	7.75%	6.18%	7.17%
WEN.2	WENDY'S INTERNATIONAL INC	25	Consumer Discretionary	-6.57%	3.91%											
SBUX	STARBUCKS CORP	25	Consumer Discretionary	6.24%	6.88%	2.69%	6.68%	14.95%	24.40%	22.80%	23.16%	26.96%	32.31%	36.27%	30.97%	36.01%
DRI	DARDEN RESTAURANTS INC	25	Consumer Discretionary	4.60%	6.51%	3.58%	1.60%	4.76%	3.55%	1.73%	-3.40%	2.06%	7.01%	8.38%	11.91%	14.27%
MCD	MCDONALD'S CORP	25	Consumer Discretionary	6.67%	9.77%	10.85%	12.80%	14.29%	16.87%	15.79%	14.22%	11.80%	14.05%	14.88%	13.63%	21.79%
YUM	YUM BRANDS INC	25	Consumer Discretionary	13.40%	12.18%	15.78%	20.43%	19.59%	23.57%	26.18%	19.06%	17.86%	21.11%	33.20%	103.48%	102.01%
TIF	TIFFANY & CO	25	Consumer Discretionary	0.64%	-2.95%	3.99%	1.15%	4.69%	6.93%	4.57%	10.42%	7.07%	6.40%	6.19%	3.56%	7.22%
CMX.1	CAREMARK RX INC	35	Health Care	20.39%												

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ESRX	EXPRESS SCRIPTS HOLDING CO	35	Health Care	233.90%	531.42%	880.14%	576.15%	466.73%	621.99%							
ODP	OFFICE DEPOT INC	25	Consumer Discretionary	9.08%	3.30%	-8.38%	-22.06%									
AMZN	AMAZON.COM INC	25	Consumer Discretionary	-4.02%	0.30%	4.37%	24.80%	15.45%	-1.70%	-8.36%	-7.29%	-12.87%	-5.29%	-2.98%	-4.58%	5.97%
MHS	MEDCO HEALTH SOLUTIONS INC	35	Health Care	32.13%	35.95%	43.96%	35.73%	47.62%	112.66%							
CVS	CVS HEALTH CORP	35	Health Care	1.72%	14.74%	18.31%	17.37%	13.76%	14.68%	20.26%	17.77%	17.85%	23.04%	22.75%	18.96%	31.56%
WBA	WALGREENS BOOTS ALLIANCE INC	30	Consumer Staples	2.31%	3.17%	1.37%	2.53%	2.62%	3.31%	2.86%	3.70%	1.70%	14.05%	17.34%	17.74%	19.52%
WU	WESTERN UNION CO	45	Information Technology									150.49%	70.92%	104.46%	28.09%	99.04%
UNH	UNITEDHEALTH GROUP INC	35	Health Care	688.36%	612.26%	573.85%	809.19%	1466.33%	2090.49%	1317.09%	607.49%	415.84%	725.32%	1318.00%	544.42%	379.62%
AET	AETNA INC	35	Health Care													
HUM	HUMANA INC	35	Health Care	98.23%	190.11%	171.19%	275.23%	334.40%	397.80%	434.43%	287.87%	181.89%	130.51%	134.11%	164.69%	193.06%
CI	CIGNA CORP	35	Health Care	41.38%	39.96%	9.15%	47.80%	57.66%	40.37%	57.14%	60.21%	47.56%	55.55%	45.41%	74.90%	
CVH	COVENTRY HEALTH CARE INC	35	Health Care	613.78%	716.13%	240.91%	198.08%	2991.23%		229.71%						
ANTM	ANTHEM INC	35	Health Care													
WYND	WYNDHAM DESTINATIONS INC	25	Consumer Discretionary	125.50%	77.50%	151.01%	679.03%	318.65%	226.72%	189.38%	138.34%	156.70%	290.81%	832.76%	419.31%	
MAR	MARRIOTT INTL INC	25	Consumer Discretionary	20.01%	19.68%	9.09%	12.35%	12.02%	21.90%	35.79%	35.67%	44.86%	64.99%	104.92%	72.22%	175.30%
HOT	STARWOOD HOTELS&RESORTS WRLD	25	Consumer Discretionary	15.25%	4.85%	3.29%	4.26%	-0.23%	6.14%	6.81%	7.32%	9.08%	10.23%			
HLT	HILTON WORLDWIDE HOLDINGS	25	Consumer Discretionary	20.50%											29.48%	
HRB	BLOCK H & R INC	25	Consumer Discretionary	99.19%	168.29%	207.06%	290.14%	460.21%	405.33%	329.71%	280.19%	268.36%	239.46%	306.23%	506.28%	351.80%
IBM	INTL BUSINESS MACHINES CORP	45	Information Technology	29.24%	32.57%	38.66%	40.81%	50.84%	62.25%	65.35%	70.04%	67.38%	75.52%	72.21%	19.16%	43.44%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ESRX	EXPRESS SCRIPTS HOLDING CO	35	Health Care	106.58%	159.36%	138.57%	57.81%	50.44%	62.28%	11.69%	3.68%	6.69%	11.23%	17.09%	17.13%	
ODP	OFFICE DEPOT INC	25	Consumer Discretionary	7.48%	2.45%	-11.90%	-10.46%									
AMZN	AMAZON.COM INC	25	Consumer Discretionary	-3.41%	-2.27%	3.44%	20.43%	10.41%	-1.40%	-10.81%	-8.61%	-14.26%	-5.44%	-4.34%	-5.20%	4.93%
MHS	MEDCO HEALTH SOLUTIONS INC	35	Health Care	3.62%	2.79%	7.14%	6.97%	12.79%	23.76%							
CVS	CVS HEALTH CORP	35	Health Care	0.73%	5.18%	2.37%	3.03%	1.87%	3.27%	5.24%	4.77%	4.63%	7.13%	6.62%	5.42%	6.29%
WBA	WALGREENS BOOTS ALLIANCE INC	30	Consumer Staples	0.41%	1.97%	-0.33%	2.51%	1.24%	2.02%	2.09%	2.30%	0.23%	5.45%	3.41%	5.42%	6.19%
WU	WESTERN UNION CO	45	Information Technology	249.78%	196.80%	204.83%	160.64%	166.34%	155.88%	105.65%	89.95%	46.26%	32.99%	34.08%	7.95%	47.16%
UNH	UNITEDHEALTH GROUP INC	35	Health Care	115.82%	136.63%	97.55%	88.61%	103.29%	100.76%	85.62%	68.74%	66.01%	51.35%	48.39%	62.09%	71.26%
AET	AETNA INC	35	Health Care	184.58%	192.06%	139.63%	117.61%	202.22%	182.15%	149.66%	114.90%	96.06%	105.26%	147.20%	177.84%	
HUM	HUMANA INC	35	Health Care	92.26%	105.84%	62.60%	105.72%	101.26%	112.24%	75.91%	65.92%	54.58%	54.64%	68.44%	103.27%	142.16%
CI	CIGNA CORP	35	Health Care	33.84%	32.47%	-0.56%	46.33%	43.79%	31.27%	36.24%	38.62%	27.99%	34.41%	31.19%	50.79%	2.84%
CVH	COVENTRY HEALTH CARE INC	35	Health Care	63.19%	61.28%	25.44%	15.83%	71.91%	68.54%	53.70%						
ANTM	ANTHEM INC	35	Health Care	27.07%	26.19%	8.73%	9.74%	29.55%	26.00%	26.67%	23.80%	22.54%	20.95%	22.04%	26.97%	29.71%
WYND	WYNDHAM DESTINATIONS INC	25	Consumer Discretionary	15.56%	13.52%	12.28%	10.57%	13.25%	14.57%	16.57%	16.11%	12.36%	15.77%	19.27%	22.65%	
MAR	MARRIOTT INTL INC	25	Consumer Discretionary	11.03%	13.62%	3.97%	-0.02%	11.06%	17.98%	26.38%	19.04%	20.31%	30.93%	9.02%	-1.92%	8.42%
HOT	STARWOOD HOTELS&RESORTS WRLD	25	Consumer Discretionary	0.82%	0.60%	1.97%	-2.31%	-0.98%	5.64%	4.26%	6.41%	5.72%	7.33%			
HLT	HILTON WORLDWIDE HOLDINGS	25	Consumer Discretionary	3.62%											-1.88%	5.13%
HRB	BLOCK H & R INC	25	Consumer Discretionary	34.38%	88.02%	89.08%	89.09%	71.22%	84.68%	85.76%	86.86%	61.67%	57.25%	68.56%	112.02%	81.44%
IBM	INTL BUSINESS MACHINES CORP	45	Information Technology	20.20%	21.60%	30.95%	33.57%	37.92%	43.29%	43.27%	37.73%	40.45%	48.13%	35.22%	9.10%	28.47%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
IAC	IAC/INTERACTIVECORP	50	Communication Services		-17.48%											
PTC	PTC INC	45	Information Technology	17.43%												
INTU	INTUIT INC	45	Information Technology	122.16%	138.48%	102.92%	83.05%	106.79%	123.58%	138.15%	156.02%	159.37%	91.33%	102.34%	98.63%	141.78%
UIS	UNISYS CORP	45	Information Technology	-21.27%	-2.23%											
FIS	FIDELITY NATIONAL INFO SVCS	45	Information Technology	539.33%	354.47%	341.54%										
GOOGL	ALPHABET INC	50	Communication Services	111.31%	79.11%	73.11%	85.16%	89.66%	78.74%	73.15%	61.59%	49.03%	46.08%	48.12%	23.87%	37.64%
CPWR.1	COMPUWARE CORP	45	Information Technology	0.95%	11.63%	9.05%	2.87%	15.80%	13.77%							
NOVL	NOVELL INC	45	Information Technology	-21.07%	-13.70%	-3.75%	14.66%	111.60%								
RHI	ROBERT HALF INTL INC	20	Industrials	35.17%	44.04%	41.79%	-5.14%	4.80%	28.48%	52.56%	59.81%	74.64%	94.19%	93.10%	76.16%	102.43%
SYMC	SYMANTEC CORP	45	Information Technology	52.17%	53.33%	91.62%	95.18%	80.56%	68.27%	85.16%	104.63%	87.50%	-121.61%			85.47%
VRSN	VERISIGN INC	45	Information Technology	36.72%	-2.69%	27.01%	110.42%									
IPG	INTERPUBLIC GROUP OF COS	50	Communication Services	1.25%	14.64%	33.77%	23.48%	41.60%	73.12%	95.32%	83.27%	96.27%	93.48%	113.56%	98.54%	105.61%
ACS	AFFILIATED COMPUTER SERVICES	45	Information Technology	92.06%	73.54%	57.92%	48.75%									
ADBE	ADOBE INC	45	Information Technology	260.01%	285.75%	260.90%	120.16%	202.17%	161.97%	134.01%	47.15%	34.84%	67.32%	133.57%	159.37%	197.21%
EFX	EQUIFAX INC	20	Industrials	1307.25%										2432.17%	406.72%	199.28%
DXC	DXC TECHNOLOGY CO	45	Information Technology	8.61%	9.97%	19.22%	4.69%	5.77%	8.32%	17.89%	20.11%	9.89%			69.86%	40.12%
CA	CA INC	45	Information Technology	96.73%	97.96%	93.85%	115.15%	124.30%	194.37%	242.34%	286.77%	210.88%	202.11%	241.88%	163.14%	
OMC	OMNICOM GROUP	50	Communication Services	119.13%	135.74%	158.88%	152.41%	227.35%	492.83%	449.13%	196.34%	153.67%	145.06%	155.00%	124.39%	131.74%
AABA	ALTABA INC	25	Consumer Discretionary	32.48%	13.46%	16.04%	8.91%	32.54%	31.64%	-56.07%	33.31%					

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
IAC	IAC/INTERACTIVECORP	50	Communication Services	-0.80%	-14.37%											
PTC	PTC INC	45	Information Technology	6.29%												
INTU	INTUIT INC	45	Information Technology	88.14%	67.53%	52.00%	46.91%	56.12%	79.51%	85.64%	102.20%	110.29%	61.08%	75.87%	82.39%	122.11%
UIS	UNISYS CORP	45	Information Technology	-23.04%	-3.14%											
FIS	FIDELITY NATIONAL INFO SVCS	45	Information Technology	14.10%	6.15%	5.86%	1.64%	7.34%	11.40%	12.19%	16.97%	19.55%	7.22%	4.15%	4.11%	12.06%
GOOGL	ALPHABET INC	50	Communication Services	100.46%	67.54%	56.58%	66.90%	76.81%	67.12%	43.90%	33.79%	33.77%	32.35%	34.28%	19.02%	35.15%
CPWR.1	COMPUWARE CORP	45	Information Technology	-2.23%	4.66%	7.21%	-1.05%	9.55%	7.05%							
NOVL	NOVELL INC	45	Information Technology	-20.83%	-12.03%	-9.78%	10.52%	24.36%								
RHI	ROBERT HALF INTL INC	20	Industrials	29.84%	40.26%	37.81%	-4.35%	5.56%	29.61%	42.88%	49.57%	64.80%	78.89%	77.95%	66.15%	87.43%
SYMC	SYMANTEC CORP	45	Information Technology	-4.62%	-3.98%	11.10%	18.47%	21.03%	16.81%	26.36%	40.01%	38.56%	12.00%	-4.79%	-25.69%	1.97%
VRSN	VERISIGN INC	45	Information Technology	-8.61%	-6.88%	22.85%	54.64%	104.61%	105.98%	116.74%	137.78%	138.61%	175.40%	216.64%	247.32%	218.15%
IPG	INTERPUBLIC GROUP OF COS	50	Communication Services	-3.46%	10.56%	28.09%	20.32%	29.49%	57.46%	88.35%	72.27%	82.54%	77.01%	95.10%	78.46%	53.17%
ACS	AFFILIATED COMPUTER SERVICES	45	Information Technology	24.10%	19.67%	23.16%	16.45%									
ADBE	ADOBE INC	45	Information Technology	57.05%	65.04%	89.53%	30.70%	41.01%	63.13%	50.74%	12.37%	6.66%	22.57%	59.68%	79.75%	60.62%
EFX	EQUIFAX INC	20	Industrials	40.22%	24.79%	19.41%	15.65%	15.88%	16.29%	13.69%	14.98%	17.23%	23.24%	25.60%	26.70%	27.03%
DXC	DXC TECHNOLOGY CO	45	Information Technology	-3.01%	1.16%	15.25%	1.42%	2.91%	-1.20%	8.53%	12.15%	-6.97%			17.12%	7.30%
CA	CA INC	45	Information Technology	-3.60%	38.65%	43.57%	40.02%	33.42%	34.34%	37.01%	48.02%	45.30%	44.52%	40.96%	24.58%	
OMC	OMNICOM GROUP	50	Communication Services	68.41%	76.51%	77.04%	59.35%	60.39%	63.32%	54.94%	44.26%	42.02%	45.65%	49.45%	49.30%	58.02%
AABA	ALTABA INC	25	Consumer Discretionary	-0.26%	-3.23%	5.46%	-1.62%	24.40%	21.39%	-78.20%	18.97%	-123.58%	-8.23%	-15.85%		

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
EBAY	EBAY INC	25	Consumer Discretionary	146.88%	208.70%	211.10%	138.01%	197.04%	206.36%	219.69%	184.71%	31.73%				
NCR	NCR CORP	45	Information Technology	9.03%												
FDC	FIRST DATA CORP	45	Information Technology	756.51%												
ADSK	AUTODESK INC	45	Information Technology	183.32%	170.31%	116.99%	24.93%	74.73%	79.33%	59.63%	45.32%	11.68%	-64.82%	-91.23%	-92.98%	-12.94%
MSFT	MICROSOFT CORP	45	Information Technology	292.84%	196.25%	209.09%	140.53%	161.96%	183.06%	168.66%	145.19%	118.53%	107.68%	78.57%	63.44%	34.83%
BMC	BMC SOFTWARE INC	45	Information Technology	54.81%	125.05%	157.49%	237.98%	297.27%	364.90%	849.07%						
MWW	MONSTER WORLDWIDE INC	45	Information Technology	35.09%	32.86%	30.92%	4.03%	-6.69%								
FISV	FISERV INC	45	Information Technology	271.70%	909.88%											
TSG.2	SABRE HOLDINGS CORP - CL A	45	Information Technology	26.98%												
CTSH	COGNIZANT TECH SOLUTIONS	45	Information Technology	43.83%	41.69%	39.56%	40.14%	48.18%	40.93%	38.48%	38.54%	40.26%	41.92%	35.37%	34.69%	46.59%
EDS.	ELECTRONIC DATA SYSTEMS CORP	45	Information Technology	-0.70%	10.30%											
CMVT	COMVERSE TECHNOLOGY INC	45	Information Technology	-110.11%												
ADP	AUTOMATIC DATA PROCESSING	45	Information Technology	70.94%	59.72%	77.88%	95.81%	95.91%	95.71%	95.84%	91.22%	82.46%	73.78%	85.95%	85.78%	95.38%
CVG	CONVERGYS CORP	45	Information Technology	24.58%	33.47%	55.89%										
CTXS	CITRIX SYSTEMS INC	45	Information Technology	80.28%	82.64%	45.12%	44.38%	50.54%	60.94%	55.73%	42.66%	38.90%	59.77%	79.22%	20.70%	79.69%
EA	ELECTRONIC ARTS INC	50	Communication Services	-10.62%	-44.32%	-103.37%	-82.77%	-30.42%	8.45%	-2.90%	-4.71%	131.54%	172.15%	149.50%	165.74%	109.97%
ORCL	ORACLE CORP	45	Information Technology	244.22%	285.24%	302.19%	268.94%	241.59%	251.70%	267.31%	292.31%	280.20%	237.88%	243.38%	74.96%	171.13%
R	RYDER SYSTEM INC	20	Industrials	0.50%	-0.42%	0.22%	-3.98%	-0.99%	-2.50%	-3.23%	-3.68%	-1.99%	-2.23%	-2.67%		

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
EBAY	EBAY INC	25	Consumer Discretionary	34.73%	76.78%	73.46%	45.57%	92.74%	54.13%	58.78%	64.63%	70.75%	60.79%	69.26%	28.41%	86.24%
NCR	NCR CORP	45	Information Technology	7.06%												
FDC	FIRST DATA CORP	45	Information Technology	10.77%												
ADSK	AUTODESK INC	45	Information Technology	108.08%	117.26%	91.74%	8.35%	37.17%	38.12%	32.82%	23.42%	4.44%	-19.51%	-75.62%	-76.31%	-13.72%
MSFT	MICROSOFT CORP	45	Information Technology	161.67%	124.30%	139.41%	100.02%	117.03%	141.47%	127.52%	100.37%	75.07%	68.01%	54.12%	40.89%	12.67%
BMC	BMC SOFTWARE INC	45	Information Technology	28.65%	35.20%	53.59%	65.64%	79.00%	48.52%	42.16%						
MWW	MONSTER WORLDWIDE INC	45	Information Technology	24.13%	22.19%	22.89%	-1.01%	-15.27%								
FISV	FISERV INC	45	Information Technology	33.29%	12.40%	10.66%	15.75%	18.54%	20.21%	20.68%	21.26%	21.47%	28.43%	31.08%	33.99%	35.65%
TSG.2	SABRE HOLDINGS CORP - CL A	45	Information Technology	3.11%												
CTSH	COGNIZANT TECH SOLUTIONS	45	Information Technology	35.05%	33.53%	29.73%	30.36%	39.47%	36.81%	30.37%	32.47%	26.94%	24.33%	21.77%	23.21%	31.79%
EDS.	ELECTRONIC DATA SYSTEMS CORP	45	Information Technology	-5.27%	5.64%											
CMVT	COMVERSE TECHNOLOGY INC	45	Information Technology	-49.99%												
ADP	AUTOMATIC DATA PROCESSING	45	Information Technology	31.43%	28.73%	33.39%	42.31%	46.20%	42.54%	37.96%	39.95%	38.51%	37.76%	47.67%	47.45%	55.11%
CVG	CONVERGYS CORP	45	Information Technology	13.90%	25.63%	23.59%										
CTXS	CITRIX SYSTEMS INC	45	Information Technology	30.87%	28.02%	12.06%	10.96%	22.00%	28.97%	13.20%	10.25%	13.83%	27.61%	51.60%	14.22%	59.90%
EA	ELECTRONIC ARTS INC	50	Communication Services	-18.23%	-41.06%	-50.08%	-67.07%	-25.00%	-6.07%	-5.89%	-7.37%	96.70%	86.46%	138.84%	144.31%	90.25%
ORCL	ORACLE CORP	45	Information Technology	36.06%	36.96%	37.19%	42.35%	55.73%	66.14%	71.24%	82.73%	74.27%	73.21%	65.77%	21.64%	66.95%
R	RYDER SYSTEM INC	20	Industrials	0.00%	-1.23%	0.33%	-3.78%	-2.01%	-2.86%	-3.73%	-3.77%	-2.61%	-2.18%	-3.02%		

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
IGT.1	INTL GAME TECHNOLOGY	25	Consumer Discretionary	71.43%	61.14%	38.93%	31.72%	43.43%	47.64%	52.90%	52.62%					
CZR	CAESARS ENTERTAINMENT CORP	25	Consumer Discretionary	3.07%	3.41%											
HCR.1	MANOR CARE INC	35	Health Care	12.79%												
HMA	HEALTH MANAGEMENT ASSOC	35	Health Care	4.27%												
THC	TENET HEALTHCARE CORP	35	Health Care	8.16%	3.60%	0.90%	4.22%	27.44%	7.47%	7.30%	7.12%	4.95%	8.98%			
DGX	QUEST DIAGNOSTICS INC	35	Health Care	74.32%	65.24%	62.88%	57.39%	59.94%	84.82%	90.09%	62.52%	77.91%	65.03%	49.39%	66.32%	63.52%
LH	LABORATORY CP OF AMER HLDGS	35	Health Care	392.37%	369.19%	316.52%	346.69%	369.54%	333.08%	207.54%	130.79%	95.86%	96.15%	96.94%	107.76%	78.99%
APOL	APOLLO EDUCATION GROUP INC	25	Consumer Discretionary	102.10%	85.21%	69.32%	98.31%	120.04%	98.69%	57.08%						
IMS	IMS HEALTH HOLDINGS INC	35	Health Care	117.19%	117.59%	103.71%	116.97%									
PAYX	PAYCHEX INC	45	Information Technology	166.45%	165.10%	165.54%	154.11%	171.17%	198.86%	205.54%	206.47%	205.18%	195.06%	169.87%	169.01%	133.21%
GE	GENERAL ELECTRIC CO	20	Industrials	43.68%	46.91%	34.02%	12.35%	11.65%	7.30%	9.22%	4.99%	5.24%	-5.38%	17.96%	7.60%	7.49%
HON	HONEYWELL INTERNATIONAL INC	20	Industrials	20.18%	23.58%	20.49%	17.21%	16.96%	15.50%	22.31%	35.80%	41.61%	50.41%	52.87%	51.65%	82.85%
RRC	RANGE RESOURCES CORP	10	Energy		2.01%	2.57%	-8.14%	-12.68%	-4.41%	-5.04%	-2.03%	1.22%	-12.09%	-14.57%	-7.37%	
NBL	NOBLE ENERGY INC	10	Energy		9.55%	6.94%	-11.20%	-0.95%	-4.22%	-0.34%	0.43%	-4.71%	-16.83%	-14.45%	-9.38%	-8.10%
ESV	ENSCO ROWAN PLC	10	Energy		25.73%	24.25%				2.50%	3.43%	3.36%	5.34%			
JEC	JACOBS ENGINEERING GROUP INC	20	Industrials		29.67%	40.24%	25.65%	21.48%	23.48%	23.96%	22.05%	23.61%	49.26%	50.34%	42.73%	45.30%
MDLZ	MONDELEZ INTERNATIONAL INC	30	Consumer Staples		39.91%	47.75%	47.98%	49.95%	46.62%	35.65%	52.79%	54.73%	58.60%	77.47%	36.34%	52.29%
RL	RALPH LAUREN CORP	25	Consumer Discretionary		17.42%	16.34%	20.09%	23.92%	25.90%	25.95%	21.24%	14.43%	9.33%	14.28%	8.35%	16.83%
ANDV	ANDEAVOR	10	Energy		5.83%	-5.51%	-12.36%	-7.90%	4.41%	11.33%	-0.24%	3.08%	10.45%	-1.67%	-3.61%	
TIE	TITANIUM METALS CORP	15	Materials		11.25%	1.74%	-10.15%	-5.57%	-2.52%							

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
IGT.1	INTL GAME TECHNOLOGY	25	Consumer Discretionary	35.66%	36.04%	24.55%	20.42%	31.68%	34.53%	32.67%	31.90%					
CZR	CAESARS ENTERTAINMENT CORP	25	Consumer Discretionary	0.30%	0.66%											
HCR.1	MANOR CARE INC	35	Health Care	8.65%												
HMA	HEALTH MANAGEMENT ASSOC	35	Health Care	-0.78%												
THC	TENET HEALTHCARE CORP	35	Health Care	4.38%	2.42%	-0.80%	2.42%	2.23%	5.62%	6.34%	2.91%	2.12%	4.60%			
DGX	QUEST DIAGNOSTICS INC	35	Health Care	57.73%	43.61%	34.35%	33.00%	30.55%	38.04%	36.51%	26.25%	31.61%	32.48%	25.79%	34.70%	34.01%
LH	LABORATORY CP OF AMER HLDGS	35	Health Care	34.88%	38.22%	30.89%	21.34%	19.30%	20.37%	20.17%	17.70%	13.45%	11.56%	8.79%	9.91%	8.56%
APOL	APOLLO EDUCATION GROUP INC	25	Consumer Discretionary	90.95%	71.62%	62.79%	74.32%	71.34%	78.04%	41.67%						
IMS	IMS HEALTH HOLDINGS INC	35	Health Care	32.35%	32.52%	39.40%	41.33%									
PAYX	PAYCHEX INC	45	Information Technology	116.24%	116.55%	107.02%	94.62%	105.77%	113.66%	118.65%	124.18%	129.15%	127.24%	115.26%	115.76%	89.44%
GE	GENERAL ELECTRIC CO	20	Industrials	24.38%	26.14%	18.81%	4.89%	7.33%	3.17%	4.17%	-0.18%	1.10%	-6.31%	6.74%	0.55%	-1.05%
HON	HONEYWELL INTERNATIONAL INC	20	Industrials	19.82%	22.44%	16.69%	15.22%	18.86%	8.38%	17.28%	26.00%	26.10%	29.64%	25.28%	21.80%	33.16%
RRC	RANGE RESOURCES CORP	10	Energy		3.11%	4.66%	-8.54%	-14.56%	-4.53%	-5.39%	-2.45%	4.74%	-16.03%	-17.33%	-7.91%	
NBL	NOBLE ENERGY INC	10	Energy		8.62%	6.49%	-14.09%	-2.23%	-5.84%	-0.05%	0.77%	-3.92%	-14.83%	-18.72%	-9.59%	-8.86%
ESV	ENSCO ROWAN PLC	10	Energy		22.01%	20.92%				2.01%	2.94%	1.99%	3.71%			
JEC	JACOBS ENGINEERING GROUP INC	20	Industrials		19.87%	34.56%	20.84%	15.68%	17.08%	14.82%	15.02%	15.14%	21.46%	22.58%	23.17%	38.24%
MDLZ	MONDELEZ INTERNATIONAL INC	30	Consumer Staples		5.87%	5.43%	6.56%	6.81%	2.74%	0.10%	2.77%	2.99%	4.03%	5.65%	1.14%	6.23%
RL	RALPH LAUREN CORP	25	Consumer Discretionary		12.01%	9.00%	13.81%	19.67%	19.63%	21.69%	17.76%	12.51%	7.59%	11.30%	7.05%	15.35%
ANDV	ANDEAVOR	10	Energy		3.26%	-5.20%	-11.07%	-8.18%	4.44%	7.24%	0.13%	2.89%	6.77%	-2.53%	-5.96%	
TIE	TITANIUM METALS CORP	15	Materials		9.26%	1.27%	-9.85%	-5.03%	-1.96%							

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
MTW	MANITOWOC CO	20	Industrials		24.64%	20.32%										
TEL	TE CONNECTIVITY LTD	45	Information Technology		6.22%	11.05%			21.27%	19.35%	29.58%	28.99%	25.05%	49.85%	28.70%	43.01%
MCHP	MICROCHIP TECHNOLOGY INC	45	Information Technology		23.74%	25.70%	39.48%	134.80%	91.73%	43.62%	110.85%	107.91%	84.03%	117.41%	58.66%	118.00%
SUNEQ	SUNEDISON INC	45	Information Technology		66.64%	42.71%	-13.11%	-5.79%								
PCP	PRECISION CASTPARTS CORP	20	Industrials		42.95%	39.58%	32.03%	31.82%	36.95%	31.85%	32.04%	27.64%	9.00%			
VAR	VARIAN MEDICAL SYSTEMS INC	35	Health Care		28.09%	30.58%	27.23%	28.96%	31.10%	30.90%	29.04%	25.91%	22.91%	20.40%	12.44%	8.29%
COV	COVIDIEN PLC	35	Health Care		35.61%	31.55%			50.88%	49.12%	42.40%	61.94%				
CHRW	C H ROBINSON WORLDWIDE INC	20	Industrials		55.84%	55.22%	60.75%	77.13%	90.93%	106.56%	217.58%	134.11%	148.52%	201.14%	123.42%	137.17%
EXPE	EXPEDIA GROUP INC	25	Consumer Discretionary										276.21%	160.69%	62.28%	43.54%
EXPD	EXPEDITORS INTL WASH INC	20	Industrials		21.72%	23.10%	17.16%	33.35%	31.88%	27.48%	24.17%	25.89%	35.40%	33.86%	31.84%	38.87%
WEC3	INTEGRYS HOLDING INC	55	Utilities		2.52%	-2.53%	-4.18%	1.16%	0.94%	2.55%	2.74%	-0.73%				
SE.7	SPECTRA ENERGY CORP	10	Energy		4.84%	3.73%	-1.28%	4.89%	4.63%	3.68%	3.49%	4.02%	4.64%	3.32%		
POM	PEPCO HOLDINGS INC	55	Utilities		0.71%	0.74%	-6.09%	1.58%	-0.58%	0.05%	-1.98%	-0.21%	-0.74%			
ANF	ABERCROMBIE & FITCH - CL A	25	Consumer Discretionary		18.06%	5.24%	-10.17%	-4.77%	-5.61%	-1.07%						
GME	GAMESTOP CORP	25	Consumer Discretionary		16.71%	17.48%	13.90%	14.77%	11.80%	11.87%	12.38%	14.85%	17.60%			
TDC	TERADATA CORP	45	Information Technology		81.20%	52.49%	59.66%	79.65%	87.35%	97.38%	76.41%	77.41%	50.42%	50.43%		
AKAM	AKAMAI TECHNOLOGIES INC	45	Information Technology		53.31%	69.15%	61.81%	61.64%	55.28%	47.56%	57.30%	52.43%	36.01%	31.61%	21.95%	32.26%
GHC	GRAHAM HOLDINGS CO	25	Consumer Discretionary		44.40%	9.35%	8.22%	46.83%	27.44%	32.34%	128.28%					
MEE	MASSEY ENERGY CO	10	Energy			5.21%	-6.04%	-7.60%								
PXD	PIONEER NATURAL RESOURCES CO	10	Energy			-3.38%	-7.81%	-5.36%	-3.72%	-6.79%	-11.92%	-0.76%	-22.77%	-12.38%	-7.79%	2.10%
COG	CABOT OIL & GAS CORP	10	Energy			-0.37%	-2.28%	-5.66%	-3.80%	-3.21%	2.24%	-4.72%	-8.34%	-19.29%	-12.48%	13.26%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
MTW	MANITOWOC CO	20	Industrials		17.54%	6.49%										
TEL	TE CONNECTIVITY LTD	45	Information Technology		3.32%	8.68%			16.96%	10.96%	18.00%	13.12%	13.38%	29.56%	14.53%	15.36%
MCHP	MICROCHIP TECHNOLOGY INC	45	Information Technology		23.62%	25.72%	24.06%	50.53%	31.85%	4.10%	22.71%	20.81%	14.98%	9.77%	5.87%	10.15%
SUNEQ	SUNEDISON INC	45	Information Technology		68.82%	47.88%	-14.80%	-8.17%								
PCP	PRECISION CASTPARTS CORP	20	Industrials		40.67%	37.35%	29.15%	23.45%	23.36%	14.89%	12.77%	7.98%	-0.48%			
VAR	VARIAN MEDICAL SYSTEMS INC	35	Health Care		26.45%	28.68%	22.68%	29.55%	31.33%	27.19%	25.61%	23.90%	19.89%	15.61%	10.11%	10.58%
COV	COVIDIEN PLC	35	Health Care		16.50%	16.31%			19.48%	17.49%	16.16%	19.31%				
CHRW	C H ROBINSON WORLDWIDE INC	20	Industrials		49.28%	48.45%	51.51%	64.24%	70.66%	56.38%	84.61%	67.42%	72.98%	84.35%	63.19%	80.56%
EXPE	EXPEDIA GROUP INC	25	Consumer Discretionary		18.70%	20.09%	34.63%	46.17%	31.60%	32.44%	21.19%	15.51%	0.10%	4.88%	4.19%	0.50%
EXPD	EXPEDITORS INTL WASH INC	20	Industrials		21.51%	21.90%	14.36%	30.83%	28.01%	25.68%	19.40%	22.60%	33.38%	30.94%	28.87%	36.58%
WEC3	INTEGRYS HOLDING INC	55	Utilities		2.97%	-2.17%	-4.41%	4.31%	2.67%	3.37%	3.82%	0.13%				
SE.7	SPECTRA ENERGY CORP	10	Energy		2.79%	2.40%	-2.45%	3.75%	4.20%	2.57%	3.22%	3.20%	2.40%	1.91%		
POM	PEPCO HOLDINGS INC	55	Utilities		1.70%	4.51%	-3.42%	5.47%	1.09%	3.14%	2.84%	2.72%	0.34%			
ANF	ABERCROMBIE & FITCH - CL A	25	Consumer Discretionary		15.51%	4.59%	-10.52%	-7.04%	-8.58%	-2.10%						
GME	GAMESTOP CORP	25	Consumer Discretionary		14.66%	11.90%	8.51%	11.40%	5.81%	4.81%	9.00%	10.45%	11.30%			
TDC	TERADATA CORP	45	Information Technology		80.10%	44.80%	48.05%	58.01%	52.42%	47.23%	33.00%	31.27%	16.32%	26.27%		
AKAM	AKAMAI TECHNOLOGIES INC	45	Information Technology		46.96%	58.44%	55.57%	55.38%	54.30%	32.06%	44.91%	33.13%	24.56%	21.82%	13.96%	21.83%
GHC	GRAHAM HOLDINGS CO	25	Consumer Discretionary		7.82%	-6.25%	-2.09%	11.08%	0.46%	-3.28%	3.11%					
MEE	MASSEY ENERGY CO	10	Energy			2.94%	-6.38%	-9.79%								
PXD	PIONEER NATURAL RESOURCES CO	10	Energy			-2.77%	-8.94%	-3.12%	-2.73%	-6.40%	-13.12%	2.43%	-21.12%	-14.99%	-8.31%	2.13%
COG	CABOT OIL & GAS CORP	10	Energy			1.99%	-1.00%	-4.81%	-3.22%	-2.78%	2.36%	-8.42%	-9.67%	-21.70%	-12.13%	15.10%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
SJM	SMUCKER (JM) CO	30	Consumer Staples			64.37%	141.12%	103.05%	63.15%	55.42%	51.06%	89.62%	452.68%	552.78%	142.15%	75.29%
DPS	DR PEPPER SNAPPLE GROUP INC	30	Consumer Staples			527.37%	111.67%	107.29%	114.15%	134.18%	322.98%	334.93%	304.01%	332.52%	246.93%	
PM	PHILIP MORRIS INTERNATIONAL	30	Consumer Staples			36.97%	38.09%	48.38%	61.53%	62.50%	56.63%	50.44%	49.69%	51.13%	37.43%	49.20%
LO	LORILLARD INC	30	Consumer Staples			247.50%	183.23%	213.03%	236.20%	199.24%	173.67%	176.08%				
LIFE.3	LIFE TECHNOLOGIES CORP	35	Health Care			50.02%	159.84%	141.28%	91.33%	76.51%						
CEPH	CEPHALON INC	35	Health Care			55.16%	86.21%	130.54%								
CF	CF INDUSTRIES HOLDINGS INC	15	Materials			71.71%	35.45%	31.72%	52.05%	56.18%	44.83%	12.13%	6.87%	-2.00%	-7.07%	-1.48%
AKS	AK STEEL HOLDING CORP	15	Materials			-10.27%	-15.32%	-13.81%								
CAM	CAMERON INTERNATIONAL CORP	10	Energy			12.87%	10.06%	10.32%	8.38%	6.89%	5.47%	3.85%	9.08%			
FLS	FLOWERVE CORP	20	Industrials			21.27%	22.20%	17.69%	15.13%	14.78%	15.89%	15.13%	13.97%	8.55%	1.93%	7.40%
APH	AMPHENOL CORP	45	Information Technology			34.13%	26.81%	44.85%	37.49%	36.90%	38.68%	38.23%	39.35%	41.27%	36.70%	48.49%
XRAY	DENTSPLY SIRONA INC	35	Health Care			27.97%	20.29%	21.86%	26.41%	36.51%	44.94%	39.36%	36.41%	65.33%	52.27%	28.58%
HRS	HARRIS CORP	20	Industrials			31.01%	33.90%	33.97%	30.37%	30.34%	36.73%	28.96%	23.97%	29.22%	47.52%	62.66%
ISRG	INTUITIVE SURGICAL INC	35	Health Care			81.35%	66.29%	98.76%	105.40%	119.96%	101.63%	60.30%	65.28%	76.80%	63.83%	74.47%
SNI	SCRIPPS NETWORKS INTERACTIVE	25	Consumer Discretionary			1213.44%	246.06%	146.03%	159.43%	204.12%	138.62%	139.86%	213.90%	349.21%	389.76%	
SWN	SOUTHWESTERN ENERGY CO	10	Energy			13.87%	-12.29%	12.36%	10.02%	23.67%	9.93%	5.17%	18.69%	-2.87%		
WEC	WEC ENERGY GROUP INC	55	Utilities			-5.12%	-7.57%	-0.18%	2.08%	3.45%	3.40%	3.44%	3.19%	2.78%	5.40%	1.82%
RSG	REPUBLIC SERVICES INC	20	Industrials			7.72%	9.74%	16.70%	17.80%	15.77%	14.92%	10.74%	13.04%	15.25%	14.37%	14.79%
SRCL	STERICYCLE INC	20	Industrials			245.29%	360.17%	326.84%	883.14%						344.76%	
EQT	EQT CORP	10	Energy			2.85%	-4.90%	2.13%	1.97%	1.77%	2.31%	7.13%	0.38%	-5.55%	2.06%	
FAST	FASTENAL CO	20	Industrials			19.63%	5.41%	15.38%	20.80%	23.97%	22.71%	20.73%	19.51%	18.17%	18.43%	25.02%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
SJM	SMUCKER (JM) CO	30	Consumer Staples			4.31%	2.41%	4.26%	3.64%	4.37%	4.22%	1.30%	2.19%	2.92%	3.88%	2.14%
DPS	DR PEPPER SNAPPLE GROUP INC	30	Consumer Staples			8.01%	9.47%	9.54%	-3.61%	10.92%	22.88%	12.42%	14.18%	16.99%	15.18%	
PM	PHILIP MORRIS INTERNATIONAL	30	Consumer Staples			27.53%	26.89%	32.80%	40.23%	40.92%	39.81%	35.39%	34.65%	36.76%	27.54%	38.33%
LO	LORILLARD INC	30	Consumer Staples			246.41%	159.81%	181.15%	192.94%	161.92%	134.39%	141.06%				
LIFE.3	LIFE TECHNOLOGIES CORP	35	Health Care			0.19%	-0.94%	4.70%	7.11%	7.39%						
CEPH	CEPHALON INC	35	Health Care			13.04%	18.70%	22.22%								
CF	CF INDUSTRIES HOLDINGS INC	15	Materials			62.55%	31.95%	23.81%	32.51%	34.15%	30.39%	8.02%	5.38%	4.30%	-7.51%	-1.93%
AKS	AK STEEL HOLDING CORP	15	Materials			-11.10%	-14.17%	-15.34%								
CAM	CAMERON INTERNATIONAL CORP	10	Energy			10.68%	6.14%	6.83%	5.65%	3.27%	3.28%	0.10%	5.06%			
FLS	FLOWERVE CORP	20	Industrials			15.79%	17.98%	15.40%	11.68%	10.07%	12.97%	11.55%	9.92%	3.96%	-0.55%	3.95%
APH	AMPHENOL CORP	45	Information Technology			30.25%	21.93%	38.27%	31.85%	30.03%	31.20%	29.48%	28.81%	26.43%	23.29%	32.46%
XRAY	DENTSPLY SIRONA INC	35	Health Care			25.77%	17.44%	19.52%	9.08%	6.60%	9.07%	10.70%	12.46%	3.45%	1.17%	-1.79%
HRS	HARRIS CORP	20	Industrials			20.32%	20.92%	25.69%	23.74%	22.29%	27.33%	24.17%	12.33%	20.77%	20.91%	36.67%
ISRG	INTUITIVE SURGICAL INC	35	Health Care			57.25%	48.60%	76.48%	89.38%	96.10%	81.06%	47.96%	58.44%	72.51%	59.87%	71.87%
SNI	SCRIPPS NETWORKS INTERACTIVE	25	Consumer Discretionary			122.40%	43.04%	37.74%	53.52%	44.32%	56.62%	51.12%	47.94%	43.81%	52.82%	
SWN	SOUTHWESTERN ENERGY CO	10	Energy			14.88%	-11.03%	15.29%	11.81%	7.50%	13.05%	7.39%	-3.39%	-3.29%		
WEC	WEC ENERGY GROUP INC	55	Utilities			-2.08%	-6.31%	-0.16%	4.50%	4.40%	3.67%	3.58%	3.34%	2.76%	2.63%	1.68%
RSG	REPUBLIC SERVICES INC	20	Industrials			3.30%	3.87%	11.75%	15.75%	10.67%	8.52%	5.92%	9.29%	10.26%	10.00%	13.03%
SRCL	STERICYCLE INC	20	Industrials			48.84%	40.97%	39.70%	33.90%	33.44%	32.29%	30.84%	20.95%	10.96%	8.55%	
EQT	EQT CORP	10	Energy			7.04%	-1.55%	2.79%	3.24%	0.86%	0.33%	3.90%	-0.96%	-7.01%	0.85%	
FAST	FASTENAL CO	20	Industrials			19.53%	5.48%	14.87%	21.06%	23.72%	21.69%	19.31%	18.53%	18.03%	17.11%	24.86%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
MA	MASTERCARD INC	45	Information Technology			602.48%	399.66%	414.25%	592.07%	940.83%	1756.88%	1331.89%	1187.67%	1138.78%	967.82%	1314.34%
DNB	DUN & BRADSTREET CORP	20	Industrials			555.51%	571.78%	416.00%	549.72%	379.14%	178.43%	130.21%	108.61%	122.95%		
TSS	TOTAL SYSTEM SERVICES INC	45	Information Technology			53.69%	42.54%	44.29%	48.95%	64.28%	114.22%	152.09%	162.98%	228.28%	165.99%	194.04%
MFE	MCAFEE INC	45	Information Technology			61.51%	56.74%	66.59%								
CRM	SALESFORCE.COM INC	45	Information Technology			-0.70%	6.87%	3.52%	-12.00%	-31.51%	-21.90%	-23.04%	-12.18%	-1.09%	-5.66%	5.91%
WYNN	WYNN RESORTS LTD	25	Consumer Discretionary			-1.01%	-4.61%	2.94%	13.98%	12.62%	20.50%	12.18%	0.84%	-4.15%	3.45%	9.94%
DVA	DAVITA INC	35	Health Care			41.56%	41.36%	39.71%	50.01%	63.76%	73.50%	52.17%	54.03%	38.54%	31.34%	31.16%
CLF	CLEVELAND-CLIFFS INC	15	Materials				-4.47%	21.20%	20.04%	-5.70%	-2.02%					
DO	DIAMOND OFFSHRE DRILLING INC	10	Energy				29.41%	16.28%	16.26%	9.25%	3.72%	-0.34%	-1.99%			
DNR	DENBURY RESOURCES INC	10	Energy				-4.04%	1.23%	4.13%	2.47%	0.91%	-1.46%				
PWR	QUANTA SERVICES INC	20	Industrials				4.01%	2.90%	3.71%	11.12%	8.52%	19.71%	2.89%	5.38%	12.80%	18.10%
MJN	MEAD JOHNSON NUTRITION CO	30	Consumer Staples				69.88%	66.46%	62.80%	61.63%	57.98%	50.25%	49.67%	48.62%		
HRL	HORMEL FOODS CORP	30	Consumer Staples				10.68%	15.31%	17.54%	16.65%	17.31%	20.93%	28.18%	36.04%	37.14%	39.39%
FMC	FMC CORP	15	Materials				20.69%	21.54%	23.68%	24.34%	22.00%	20.93%	5.93%	18.29%	8.11%	41.44%
OI	OWENS-ILLINOIS INC	15	Materials				11.10%	10.10%	8.37%	9.67%	6.26%	7.77%	4.94%			
WDC	WESTERN DIGITAL CORP	45	Information Technology				15.51%	50.24%	16.97%	39.56%	26.64%	24.93%	27.44%	21.89%	33.66%	38.57%
FTI.1	FMC TECHNOLOGIES INC	10	Energy				14.53%	17.80%	17.14%	13.34%	13.32%	12.71%	9.49%			
FSLR	FIRST SOLAR INC	45	Information Technology				48.47%	36.52%	16.67%	6.71%	9.43%	7.42%	15.13%	4.21%		
ROP	ROPER TECHNOLOGIES INC	20	Industrials				174.67%	373.54%	584.83%							
CFN	CAREFUSION CORP	35	Health Care				46.89%	30.82%	67.46%	73.28%	90.42%	89.08%				

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
MA	MASTERCARD INC	45	Information Technology			225.08%	231.09%	219.77%	230.86%	260.22%	258.52%	280.59%	279.56%	282.65%	244.86%	346.08%
DNB	DUN & BRADSTREET CORP	20	Industrials			93.84%	78.30%	62.69%	77.59%	93.57%	74.60%	71.20%	42.02%	32.22%		
TSS	TOTAL SYSTEM SERVICES INC	45	Information Technology			24.13%	18.29%	17.04%	17.39%	21.58%	21.58%	13.63%	20.43%	19.78%	17.37%	28.77%
MFE	MCAFEE INC	45	Information Technology			22.11%	19.76%	29.97%								
CRM	SALESFORCE.COM INC	45	Information Technology			-11.97%	1.84%	-1.84%	-16.09%	-20.78%	-24.26%	-17.59%	-11.53%	-9.49%	-7.05%	-2.88%
WYNN	WYNN RESORTS LTD	25	Consumer Discretionary			-2.96%	-4.89%	2.57%	12.50%	11.45%	18.84%	10.92%	0.48%	-4.37%	2.99%	3.92%
DVA	DAVITA INC	35	Health Care			38.97%	33.23%	31.98%	33.96%	39.09%	45.45%	38.92%	27.35%	15.32%	16.46%	24.63%
CLF	CLEVELAND-CLIFFS INC	15	Materials				-3.42%	17.21%	14.57%	-5.30%	-4.24%					
DO	DIAMOND OFFSHRE DRILLING INC	10	Energy				26.46%	12.93%	13.27%	6.27%	3.11%	-1.16%	-5.99%			
DNR	DENBURY RESOURCES INC	10	Energy				-6.62%	1.89%	5.35%	2.65%	0.89%	0.49%				
PWR	QUANTA SERVICES INC	20	Industrials				1.79%	1.38%	0.11%	5.91%	2.29%	12.65%	-2.41%	-0.33%	6.62%	12.77%
MJN	MEAD JOHNSON NUTRITION CO	30	Consumer Staples				56.62%	58.61%	49.13%	51.42%	48.67%	43.10%	47.40%	40.71%		
HRL	HORMEL FOODS CORP	30	Consumer Staples				7.53%	13.01%	13.57%	13.19%	12.80%	13.98%	17.36%	21.39%	19.31%	19.59%
FMC	FMC CORP	15	Materials				22.31%	21.62%	25.00%	21.84%	18.02%	13.21%	2.45%	9.43%	-0.85%	10.62%
OI	OWENS-ILLINOIS INC	15	Materials				9.88%	8.33%	5.82%	7.98%	4.46%	5.49%	2.32%			
WDC	WESTERN DIGITAL CORP	45	Information Technology				15.03%	47.58%	15.88%	33.42%	21.48%	19.59%	23.70%	6.24%	9.68%	12.73%
FTI.1	FMC TECHNOLOGIES INC	10	Energy				9.45%	15.80%	9.97%	7.46%	6.98%	6.79%	6.39%			
FSLR	FIRST SOLAR INC	45	Information Technology				43.72%	31.33%	9.40%	6.98%	7.89%	6.43%	10.79%	7.58%		
ROP	ROPER TECHNOLOGIES INC	20	Industrials				13.42%	16.10%	18.52%	18.51%	16.35%	16.06%	15.69%	10.87%	9.36%	15.98%
CFN	CAREFUSION CORP	35	Health Care				7.08%	-1.69%	11.08%	10.76%	13.81%	10.27%				

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
FLIR	FLIR SYSTEMS INC	45	Information Technology				38.51%	37.85%	29.54%	22.51%	19.39%	20.18%	21.40%	15.37%	15.87%	33.99%
TWC	TIME WARNER CABLE INC	25	Consumer Discretionary				45.16%	58.48%	83.70%	95.33%	111.38%	104.95%	83.49%			
PCS	METROPCS COMMUNICATIONS INC	50	Communication Services				10.97%	16.13%	14.49%	16.27%						
SCG	SCANA CORP	55	Utilities				-5.24%	1.20%	1.35%	2.01%	1.60%	1.72%	0.97%	2.27%	10.00%	
ES	EVERSOURCE ENERGY	55	Utilities				-2.95%	2.69%	3.06%	3.54%	3.64%	3.49%	4.02%	3.66%	5.55%	1.68%
ARG	AIRGAS INC	15	Materials				-0.30%	4.57%	7.66%	7.30%	7.26%	5.98%	6.01%			
ORLY	O'REILLY AUTOMOTIVE INC	25	Consumer Discretionary				1.30%	4.33%	5.85%	7.09%	8.39%	7.95%	10.21%	10.65%	11.05%	13.36%
ROST	ROSS STORES INC	25	Consumer Discretionary				13.35%	20.54%	20.76%	23.65%	19.60%	18.57%	20.82%	23.27%	27.12%	31.31%
V	VISA INC	45	Information Technology													
RHT	RED HAT INC	45	Information Technology				48.41%	47.41%	54.98%	39.42%	34.98%	30.35%	35.06%	42.97%	31.53%	46.33%
LDOS	LEIDOS HOLDINGS INC	45	Information Technology				30.67%	29.29%	25.47%	33.03%						
BKNG	BOOKING HOLDINGS INC	25	Consumer Discretionary				397.81%	383.40%	760.97%	1073.54%	6189.14%					2256.03%
ATGE	ADTALEM GLOBAL EDUCATION INC	25	Consumer Discretionary				61.17%	76.07%	70.05%							
QEP	QEP RESOURCES INC	10	Energy					-0.57%	-0.98%	-6.87%	-4.03%	-15.48%				
NFX	NEWFIELD EXPLORATION CO	10	Energy					0.58%	0.72%	-26.36%	-2.83%	-2.96%	-72.27%	-36.36%	5.35%	
HP	HELMERICH & PAYNE	10	Energy					2.21%	7.54%	10.11%	9.47%	7.53%	2.03%	-9.84%	-14.97%	1.15%
ATUS	ALTICE USA INC	50	Communication Services					41.59%	34.56%	25.10%	26.44%	33.85%	31.61%			
DISCA	DISCOVERY INC	50	Communication Services					1712.96%	9014.18%	#####						
OKE	ONEOK INC	10	Energy					5.94%	9.24%	6.93%	3.02%	3.83%	3.85%	4.67%	6.83%	5.34%
NRG	NRG ENERGY INC	55	Utilities					4.28%	9.10%	-0.07%	0.13%	0.38%	-23.52%	-0.77%	1.96%	6.71%
KMX	CARMAX INC	25	Consumer Discretionary					11.37%	10.62%	8.29%	8.11%	6.52%	6.10%	5.37%	6.65%	7.42%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
FLIR	FLIR SYSTEMS INC	45	Information Technology				32.93%	27.36%	20.44%	16.49%	14.17%	14.82%	16.08%	10.91%	10.65%	27.34%
TWC	TIME WARNER CABLE INC	25	Consumer Discretionary				0.21%	2.30%	3.18%	2.98%	2.71%	1.49%	1.08%			
PCS	METROPCS COMMUNICATIONS INC	50	Communication Services				1.85%	4.63%	4.26%	5.49%						
SCG	SCANA CORP	55	Utilities				-5.06%	2.12%	1.10%	1.27%	0.64%	2.04%	-0.54%	2.49%	6.94%	
ES	EVERSOURCE ENERGY	55	Utilities				-4.24%	2.30%	2.10%	2.57%	2.97%	2.64%	3.26%	2.86%	2.53%	0.80%
ARG	AIRGAS INC	15	Materials				-1.96%	2.16%	3.72%	2.54%	1.27%	1.40%	1.45%			
ORLY	O'REILLY AUTOMOTIVE INC	25	Consumer Discretionary				2.45%	6.41%	6.43%	6.42%	7.56%	7.05%	8.75%	9.82%	10.20%	12.86%
ROST	ROSS STORES INC	25	Consumer Discretionary				11.65%	16.57%	18.59%	18.83%	16.36%	16.88%	19.71%	20.00%	24.28%	29.42%
V	VISA INC	45	Information Technology				9.49%	17.13%	20.37%	26.96%	43.26%	31.94%	42.09%	26.41%	22.62%	24.76%
RHT	RED HAT INC	45	Information Technology				18.70%	29.78%	35.83%	23.17%	21.93%	22.32%	18.68%	28.48%	19.64%	29.61%
LDOS	LEIDOS HOLDINGS INC	45	Information Technology				23.26%	22.62%	17.31%	27.01%						
BKNG	BOOKING HOLDINGS INC	25	Consumer Discretionary				105.83%	164.56%	274.19%	338.57%	205.57%	109.69%	82.96%	108.00%	77.94%	135.55%
ATGE	ADTALEM GLOBAL EDUCATION INC	25	Consumer Discretionary				32.46%	35.79%	39.53%							
QEP	QEP RESOURCES INC	10	Energy					0.54%	-0.58%	-6.84%	-4.07%	-12.96%				
NFX	NEWFIELD EXPLORATION CO	10	Energy					2.53%	1.38%	-22.72%	-3.00%	0.13%	-86.99%	-35.17%	5.09%	
HP	HELMERICH & PAYNE	10	Energy					2.74%	8.58%	9.75%	5.37%	3.89%	2.05%	-8.75%	-13.90%	-10.98%
ATUS	ALTICE USA INC	50	Communication Services					21.64%	16.85%	9.46%	11.79%	17.57%	15.41%			
DISCA	DISCOVERY INC	50	Communication Services					38.77%	46.81%	39.98%	35.11%	22.44%	26.36%	30.51%	32.33%	15.48%
OKE	ONEOK INC	10	Energy					5.64%	9.42%	6.66%	2.42%	3.06%	3.24%	4.48%	5.55%	7.24%
NRG	NRG ENERGY INC	55	Utilities					2.19%	3.79%	-2.73%	-1.76%	-0.50%	-15.46%	-1.38%	1.06%	4.98%
KMX	CARMAX INC	25	Consumer Discretionary					11.91%	10.18%	8.19%	7.44%	6.23%	6.30%	5.18%	6.39%	7.17%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
URBN	URBAN OUTFITTERS INC	25	Consumer Discretionary					24.23%	7.30%	13.56%	15.49%	9.16%	9.21%	8.87%		
FFIV	F5 NETWORKS INC	45	Information Technology					107.32%	142.97%	152.08%	133.47%	131.95%	122.33%	103.73%	117.44%	126.81%
CERN	CERNER CORP	35	Health Care					26.14%	35.65%	45.48%	52.98%	47.27%	42.25%	36.55%	47.17%	26.53%
NFLX	NETFLIX INC	50	Communication Services					64.92%	26.24%	-8.92%	-9.21%	-5.08%	-2.79%	-7.17%	3.84%	19.52%
ANRZQ	ALPHA NATURAL RESOURCES INC	10	Energy						0.30%							
PRGO	PERRIGO CO PLC	35	Health Care						26.93%	31.70%	31.72%	45.46%	114.68%	14.24%	14.16%	8.33%
MOS	MOSAIC CO	15	Materials						18.29%	16.17%	2.89%	5.96%	4.55%	-3.09%	-2.41%	-0.69%
MPC	MARATHON PETROLEUM CORP	10	Energy						9.60%	16.74%	6.89%	5.69%	5.58%	-4.36%	-5.25%	-2.42%
XYL	XYLEM INC	20	Industrials						30.23%	26.57%	22.22%	22.51%	26.89%	34.74%	36.58%	49.32%
JOY	JOY GLOBAL INC	20	Industrials						25.85%	27.48%	20.60%	4.18%				
MMI.3	MOTOROLA MOBILITY HLDGS INC	45	Information Technology						-17.16%							
BWA	BORGWARNER INC	25	Consumer Discretionary						22.43%	19.36%	22.55%	19.49%	18.47%	29.18%	22.97%	21.39%
EW	EDWARDS LIFESCIENCES CORP	35	Health Care						26.29%	30.16%	28.79%	7.52%	42.97%	47.71%	43.83%	57.66%
SO7	SOUTHERN CO GAS	55	Utilities						0.62%	0.96%	0.32%	3.61%	1.83%			
DLTR	DOLLAR TREE INC	25	Consumer Discretionary						21.78%	23.32%	24.01%	25.12%	26.33%	22.99%	25.63%	18.60%
CMG	CHIPOTLE MEXICAN GRILL INC	25	Consumer Discretionary						24.80%	29.94%	30.74%	38.33%	36.78%	-4.41%	6.14%	10.80%
TRIP	TRIPADVISOR INC	50	Communication Services						526.02%	513.84%	333.24%	322.28%	165.67%	79.79%	4.35%	61.09%
ACN	ACCENTURE PLC	45	Information Technology						54.16%	54.92%	66.48%	57.18%	60.93%	63.86%	70.33%	73.25%
WPX	WPX ENERGY INC	10	Energy							-10.73%	-24.70%					
KRFT	KRAFT FOODS GROUP INC	30	Consumer Staples							42.93%	88.13%	37.01%				
MNST	MONSTER BEVERAGE CORP	30	Consumer Staples							101.06%	74.69%	104.45%	181.58%	251.82%	211.67%	180.84%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
URBN	URBAN OUTFITTERS INC	25	Consumer Discretionary					21.96%	5.67%	14.99%	11.46%	8.04%	9.30%	7.37%		
FFIV	F5 NETWORKS INC	45	Information Technology					95.43%	130.53%	129.14%	98.59%	87.13%	87.08%	82.34%	92.39%	109.05%
CERN	CERNER CORP	35	Health Care					14.30%	13.50%	20.67%	21.81%	26.58%	18.11%	11.29%	17.56%	9.49%
NFLX	NETFLIX INC	50	Communication Services					64.04%	23.48%	-11.28%	-10.53%	-6.54%	-4.98%	-8.50%	3.84%	17.85%
ANRZQ	ALPHA NATURAL RESOURCES INC	10	Energy						-3.69%							
PRGO	PERRIGO CO PLC	35	Health Care						10.36%	18.54%	14.51%	2.02%	-2.22%	-17.12%	-0.49%	-2.27%
MOS	MOSAIC CO	15	Materials						16.13%	12.21%	0.76%	2.02%	3.08%	-5.14%	-3.38%	-2.19%
MPC	MARATHON PETROLEUM CORP	10	Energy						7.13%	15.21%	4.19%	2.26%	4.00%	-4.33%	-6.67%	-3.92%
XYL	XYLEM INC	20	Industrials						13.41%	10.91%	8.47%	7.08%	11.76%	10.38%	7.04%	12.48%
JOY	JOY GLOBAL INC	20	Industrials						22.97%	21.02%	15.10%	0.96%				
MMI.3	MOTOROLA MOBILITY HLDGS INC	45	Information Technology						-18.11%							
BWA	BORGWARNER INC	25	Consumer Discretionary						16.56%	13.58%	16.16%	15.99%	13.29%	12.52%	15.90%	13.47%
EW	EDWARDS LIFESCIENCES CORP	35	Health Care						20.56%	22.83%	29.72%	-0.67%	34.34%	35.56%	31.50%	40.22%
SO7	SOUTHERN CO GAS	55	Utilities						2.39%	1.30%	-1.17%	3.68%	2.37%			
DLTR	DOLLAR TREE INC	25	Consumer Discretionary						21.68%	21.91%	23.35%	23.14%	11.04%	4.94%	8.81%	6.20%
CMG	CHIPOTLE MEXICAN GRILL INC	25	Consumer Discretionary						21.08%	21.56%	24.67%	29.00%	30.72%	-6.14%	4.25%	9.53%
TRIP	TRIPADVISOR INC	50	Communication Services						149.57%	157.75%	132.33%	63.72%	24.05%	14.31%	-4.63%	18.29%
ACN	ACCENTURE PLC	45	Information Technology						45.99%	51.42%	55.77%	47.08%	40.74%	50.22%	52.32%	57.45%
WPX	WPX ENERGY INC	10	Energy							-12.33%	-30.09%					
KRFT	KRAFT FOODS GROUP INC	30	Consumer Staples							20.42%	42.02%	7.68%				
MNST	MONSTER BEVERAGE CORP	30	Consumer Staples							79.44%	58.04%	86.67%	37.06%	61.70%	48.47%	50.95%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
LYB	LYONDELLBASELL INDUSTRIES NV	15	Materials							19.18%	24.76%	25.86%	31.05%	24.33%	24.94%	23.36%
ALXN	ALEXION PHARMACEUTICALS INC	35	Health Care							62.34%	60.08%	123.71%	75.43%	161.41%	89.18%	104.94%
PSX	PHILLIPS 66	10	Energy							12.62%	4.07%	7.07%	10.16%	-5.88%	-2.14%	6.04%
STX	SEAGATE TECHNOLOGY PLC	45	Information Technology							87.83%	55.98%	44.33%	30.04%	9.72%	31.29%	42.55%
PNR	PENTAIR PLC	20	Industrials							21.54%	30.94%	32.60%	46.24%	63.47%	92.17%	57.46%
LRCX	LAM RESEARCH CORP	45	Information Technology							12.48%	13.21%	32.70%	36.43%	46.31%	83.48%	70.98%
APTV	APTIV PLC	25	Consumer Discretionary							30.71%	28.84%	26.80%	28.48%	34.20%	23.47%	24.79%
GRMN	GARMIN LTD	25	Consumer Discretionary							35.27%	41.49%	20.69%	29.15%	33.87%	38.18%	38.82%
FOSL	FOSSIL GROUP INC	25	Consumer Discretionary							26.05%	25.71%	22.44%	12.17%			
PETM	PETSMART INC	25	Consumer Discretionary							17.36%	18.26%	12.86%				
ADT.4	ADT CORP	20	Industrials							37.68%	49.37%	76.32%	50.35%			
MHK	MOHAWK INDUSTRIES INC	25	Consumer Discretionary								5.01%	7.60%	14.23%	11.34%	9.96%	6.17%
PVH	PVH CORP	25	Consumer Discretionary								67.30%	71.89%	69.66%	54.97%	41.56%	42.74%
CPRI	CAPRI HOLDINGS LTD	25	Consumer Discretionary								78.79%	71.86%	52.32%	34.03%	50.40%	58.75%
NWSA	NEWS CORP	50	Communication Services								6.32%	12.07%	-3.17%	0.46%	-0.44%	-4.37%
ZTS	ZOETIS INC	35	Health Care								27.76%	22.37%	25.68%	23.20%	27.09%	39.47%
VRTX	VERTEX PHARMACEUTICALS INC	35	Health Care								1.65%	-99.40%	-80.30%	-10.01%	59.11%	215.48%
REGN	REGENERON PHARMACEUTICALS	35	Health Care								41.48%	19.49%	20.98%	19.04%	30.33%	44.22%
ABBV	ABBVIE INC	35	Health Care								54.00%	36.68%	79.62%	222.16%	62.26%	127.44%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
LYB	LYONDELLBASELL INDUSTRIES NV	15	Materials							17.21%	17.19%	19.36%	23.52%	19.24%	18.48%	19.31%
ALXN	ALEXION PHARMACEUTICALS INC	35	Health Care							42.26%	26.30%	33.30%	11.15%	2.81%	4.47%	15.82%
PSX	PHILLIPS 66	10	Energy							5.82%	2.35%	0.72%	6.43%	-5.52%	-5.94%	2.39%
STX	SEAGATE TECHNOLOGY PLC	45	Information Technology							79.23%	45.23%	35.74%	25.78%	7.09%	25.61%	43.82%
PNR	PENTAIR PLC	20	Industrials							-2.73%	7.74%	5.08%	7.03%	5.83%	11.60%	11.62%
LRCX	LAM RESEARCH CORP	45	Information Technology							2.42%	-1.88%	10.81%	17.87%	25.07%	53.04%	54.92%
APTV	APTIV PLC	25	Consumer Discretionary							21.00%	20.42%	19.46%	18.48%	19.71%	14.43%	14.09%
GRMN	GARMIN LTD	25	Consumer Discretionary							29.33%	39.46%	25.38%	25.01%	29.04%	32.01%	34.38%
FOSL	FOSSIL GROUP INC	25	Consumer Discretionary							24.42%	22.29%	19.82%	9.80%			
PETM	PETSMART INC	25	Consumer Discretionary							12.93%	14.65%	11.67%				
ADT.4	ADT CORP	20	Industrials							0.13%	3.77%	2.82%	1.26%			
MHK	MOHAWK INDUSTRIES INC	25	Consumer Discretionary								-1.65%	1.83%	7.14%	4.52%	5.36%	3.77%
PVH	PVH CORP	25	Consumer Discretionary								2.18%	1.47%	2.17%	1.47%	1.89%	3.77%
CPRI	CAPRI HOLDINGS LTD	25	Consumer Discretionary								66.78%	64.38%	46.12%	21.37%	22.76%	12.22%
NWSA	NEWS CORP	50	Communication Services								-10.30%	4.02%	-6.29%	-7.82%	-5.50%	-3.50%
ZTS	ZOETIS INC	35	Health Care								17.31%	13.90%	15.71%	13.17%	17.07%	21.26%
VRTX	VERTEX PHARMACEUTICALS INC	35	Health Care								-31.13%	-81.73%	-54.62%	-8.36%	33.51%	45.23%
REGN	REGENERON PHARMACEUTICALS	35	Health Care								47.90%	15.67%	14.93%	7.57%	30.04%	40.91%
ABBV	ABBVIE INC	35	Health Care								42.56%	25.80%	24.03%	10.98%	0.93%	21.48%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ALLE	ALLEGION PLC	20	Industrials								26.69%	45.62%	59.31%	74.99%	80.60%	88.77%
AME	AMETEK INC	20	Industrials								122.50%	138.12%	132.85%	116.77%	116.89%	72.80%
DAL	DELTA AIR LINES INC	20	Industrials								67.08%	3.51%	20.11%	18.59%	21.70%	5.22%
FB	FACEBOOK INC	50	Communication Services								46.15%	81.15%	73.26%	133.14%	120.54%	95.33%
ADS	ALLIANCE DATA SYSTEMS CORP	45	Information Technology								49.92%	50.23%	53.52%	51.37%	23.42%	22.76%
NLSN	NIELSEN HOLDINGS PLC	20	Industrials													
XEC	CIMAREX ENERGY CO	10	Energy									1.56%	-62.88%	-20.85%	17.30%	12.55%
MLM	MARTIN MARIETTA MATERIALS	15	Materials									0.26%	2.89%	6.02%	6.33%	2.38%
KDP	KEURIG DR PEPPER INC	30	Consumer Staples									27.59%	22.29%			
UAA	UNDER ARMOUR INC	25	Consumer Discretionary									14.43%	11.50%	9.19%	0.19%	0.84%
MNK	MALLINCKRODT PLC	35	Health Care									215.83%				
AVGO	BROADCOM INC	45	Information Technology									76.10%	114.89%			
RCL	ROYAL CARIBBEAN CRUISES LTD	25	Consumer Discretionary									-5.82%	-1.52%	-2.00%	-0.57%	-0.64%
LVLT	LEVEL 3 COMMUNICATIONS INC	50	Communication Services									6.79%	47.16%	7.34%		
TSCO	TRACTOR SUPPLY CO	25	Consumer Discretionary									11.12%	11.33%	11.07%	9.85%	10.84%
URI	UNITED RENTALS INC	20	Industrials									14.15%	13.63%	13.68%	15.22%	12.54%
UHS	UNIVERSAL HEALTH SVCS INC	35	Health Care									13.21%	14.62%	12.55%	11.54%	12.17%
HBI	HANESBRANDS INC	25	Consumer Discretionary										23.43%	25.07%	18.22%	26.13%
WRK	WESTROCK CO	15	Materials										5.17%	6.07%	4.45%	22.41%
ENDP	ENDO INTERNATIONAL PLC	35	Health Care										9868.76%	197.95%		
CHD	CHURCH & DWIGHT INC	30	Consumer Staples										133.87%	180.91%	217.96%	190.18%
BXLT	BAXALTA INC	35	Health Care										9.35%			

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ALLE	ALLEGION PLC	20	Industrials								19.01%	34.23%	31.47%	31.73%	34.52%	30.24%
AME	AMETEK INC	20	Industrials								16.17%	16.57%	17.06%	13.79%	15.40%	13.79%
DAL	DELTA AIR LINES INC	20	Industrials								5.63%	-1.23%	16.06%	14.40%	10.98%	4.29%
FB	FACEBOOK INC	50	Communication Services								30.15%	31.86%	21.28%	75.49%	90.58%	83.57%
ADS	ALLIANCE DATA SYSTEMS CORP	45	Information Technology								26.78%	17.42%	12.77%	19.87%	13.13%	16.23%
NLSN	NIelsen HOLDINGS PLC	20	Industrials								5.68%	8.51%	9.30%	7.90%	8.55%	2.84%
XEC	CIMAREX ENERGY CO	10	Energy									2.95%	-74.33%	-25.38%	13.34%	15.39%
MLM	MARTIN MARIETTA MATERIALS	15	Materials									-1.46%	0.62%	2.32%	1.89%	0.89%
KDP	KEURIG DR PEPPER INC	30	Consumer Staples									15.41%	14.23%			
UAA	UNDER ARMOUR INC	25	Consumer Discretionary									10.95%	9.46%	5.14%	-0.29%	-1.58%
MNK	MALLINCKRODT PLC	35	Health Care									-4.37%	-2.55%	-3.80%		
AVGO	BROADCOM INC	45	Information Technology									11.28%	19.08%	2.57%	4.32%	23.62%
RCL	ROYAL CARIBBEAN CRUISES LTD	25	Consumer Discretionary									-5.88%	-1.56%	-2.00%	-0.57%	-0.74%
LVLT	LEVEL 3 COMMUNICATIONS INC	50	Communication Services									2.17%	3.95%	4.88%		
TSCO	TRACTOR SUPPLY CO	25	Consumer Discretionary									9.10%	10.35%	10.64%	8.94%	10.30%
URI	UNITED RENTALS INC	20	Industrials									8.16%	8.84%	6.51%	7.24%	8.60%
UHS	UNIVERSAL HEALTH SVCS INC	35	Health Care									11.76%	11.10%	9.34%	9.42%	10.14%
HBI	HANESBRANDS INC	25	Consumer Discretionary										15.80%	15.11%	8.63%	12.95%
WRK	WESTROCK CO	15	Materials										0.52%	-1.70%	-1.99%	0.34%
ENDP	ENDO INTERNATIONAL PLC	35	Health Care										-0.54%	-5.55%		
CHD	CHURCH & DWIGHT INC	30	Consumer Staples										13.74%	13.58%	11.94%	10.71%
BXLT	BAXALTA INC	35	Health Care										5.72%			

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
HPE	HEWLETT PACKARD ENTERPRISE	45	Information Technology										35.07%	15.07%	7.75%	53.19%
SWKS	SKYWORKS SOLUTIONS INC	45	Information Technology										67.50%	60.56%	62.37%	46.70%
QRVO	QORVO INC	45	Information Technology										-8.96%	-6.25%	-9.43%	7.39%
ILMN	ILLUMINA INC	35	Health Care										86.13%	44.09%	17.31%	48.26%
JBHT	HUNT (JB) TRANSPRT SVCS INC	20	Industrials										16.29%	14.87%	14.37%	18.00%
UAL	UNITED CONTINENTAL HLDGS INC	20	Industrials										40.96%	9.93%	9.44%	2.56%
AAL	AMERICAN AIRLINES GROUP INC	20	Industrials										34.83%	8.68%	8.64%	-1.79%
CPGX	COLUMBIA PIPELINE GROUP INC	10	Energy										3.66%			
HSIC	HENRY SCHEIN INC	35	Health Care										24.41%	24.79%	14.47%	21.73%
AAP	ADVANCE AUTO PARTS INC	25	Consumer Discretionary										4.11%	1.80%	-0.63%	1.51%
SIG	SIGNET JEWELERS LTD	25	Consumer Discretionary										5.67%	4.83%	1.83%	
VRSK	VERISK ANALYTICS INC	20	Industrials										956.42%	1690.29%	505.40%	299.14%
PYPL	PAYPAL HOLDINGS INC	45	Information Technology												-3.28%	37.72%
CSRA	CSRA INC	45	Information Technology										130.15%	274.89%		
ATVI	ACTIVISION BLIZZARD INC	50	Communication Services										744.96%	870.26%	125.11%	453.58%
HCA	HCA HEALTHCARE INC	35	Health Care										20.20%	18.94%	17.56%	19.48%
CXO	CONCHO RESOURCES INC	10	Energy											-20.36%	-4.51%	-4.05%
FBHS	FORTUNE BRANDS HOME & SECUR	20	Industrials											36.88%	38.07%	31.65%
COTY	COTY INC	30	Consumer Staples											79.98%	29.86%	38.75%
ALB	ALBEMARLE CORP	15	Materials											9.72%	0.07%	11.98%

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EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
HPE	HEWLETT PACKARD ENTERPRISE	45	Information Technology										-1.79%	-1.28%	0.29%	30.16%
SWKS	SKYWORKS SOLUTIONS INC	45	Information Technology										60.91%	56.19%	57.65%	43.82%
QRVO	QORVO INC	45	Information Technology										-10.91%	-10.50%	-10.01%	-1.06%
ILMN	ILLUMINA INC	35	Health Care										37.80%	28.10%	11.69%	35.73%
JBHT	HUNT (JB) TRANSPRT SVCS INC	20	Industrials										11.70%	9.58%	8.42%	14.89%
UAL	UNITED CONTINENTAL HLDGS INC	20	Industrials										9.71%	9.48%	4.69%	1.37%
AAL	AMERICAN AIRLINES GROUP INC	20	Industrials										13.14%	8.83%	4.69%	-2.53%
CPGX	COLUMBIA PIPELINE GROUP INC	10	Energy										3.51%			
HSIC	HENRY SCHEIN INC	35	Health Care										12.40%	12.77%	7.53%	12.07%
AAP	ADVANCE AUTO PARTS INC	25	Consumer Discretionary										1.05%	-0.20%	-2.24%	-0.02%
SIG	SIGNET JEWELERS LTD	25	Consumer Discretionary										2.61%	1.66%	-1.35%	
VRSK	VERISK ANALYTICS INC	20	Industrials										34.33%	27.48%	27.35%	29.96%
PYPL	PAYPAL HOLDINGS INC	45	Information Technology										89.25%	74.11%	-4.78%	27.71%
CSRA	CSRA INC	45	Information Technology										9.83%	29.75%		
ATVI	ACTIVISION BLIZZARD INC	50	Communication Services										100.69%	66.02%	5.56%	110.26%
HCA	HCA HEALTHCARE INC	35	Health Care										12.84%	17.08%	15.80%	18.03%
CXO	CONCHO RESOURCES INC	10	Energy											-26.65%	-5.06%	-1.32%
FBHS	FORTUNE BRANDS HOME & SECUR	20	Industrials											8.59%	10.41%	8.46%
COTY	COTY INC	30	Consumer Staples											5.15%	-4.38%	-4.21%
ALB	ALBEMARLE CORP	15	Materials											2.00%	-2.48%	8.33%

STANDARD AND POOR'S 500 COMPANIES

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				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
AYI	ACUITY BRANDS INC	20	Industrials											63.03%	51.72%	
TDG	TRANSDIGM GROUP INC	20	Industrials											183.70%	162.85%	170.22%
ARNC	ARCONIC INC	20	Industrials											-13.85%	10.65%	8.00%
MTD	METTLER-TOLEDO INTL INC	35	Health Care											53.50%	42.69%	49.19%
HOLX	HOLOGIC INC	35	Health Care													617.90%
FTV	FORTIVE CORP	20	Industrials											126.22%	106.57%	113.19%
COO	COOPER COS INC (THE)	35	Health Care											20.70%	24.17%	15.31%
ALK	ALASKA AIR GROUP INC	20	Industrials											8.11%	10.86%	-1.41%
CHTR	CHARTER COMMUNICATIONS INC	50	Communication Services											163.06%	46.19%	25.52%
LNT	ALLIANT ENERGY CORP	55	Utilities											3.72%	3.95%	1.37%
AWK	AMERICAN WATER WORKS CO INC	55	Utilities											2.99%	5.01%	1.43%
LKQ	LKQ CORP	25	Consumer Discretionary											15.81%	10.45%	10.64%
FL	FOOT LOCKER INC	25	Consumer Discretionary											24.57%	18.85%	17.26%
ULTA	ULTA BEAUTY INC	25	Consumer Discretionary											13.81%	15.13%	19.05%
CNC	CENTENE CORP	35	Health Care											50.83%	63.05%	37.15%
GPN	GLOBAL PAYMENTS INC	45	Information Technology												298.55%	295.07%
EVHC	ENVISION HEALTHCARE CORP	35	Health Care													
FTI	TECHNIPFMC PLC	10	Energy												8.48%	-1.39%
BHGE	BAKER HUGHES A GE CO	10	Energy													-1.79%
PKG	PACKAGING CORP OF AMERICA	15	Materials												12.14%	14.03%
INCY	INCYTE CORP	35	Health Care												-70.20%	17.97%
IDXX	IDEXX LABS INC	35	Health Care												37.87%	54.40%
AOS	SMITH (A.O.)	20	Industrials												39.87%	47.70%
RMD	RESMED INC	35	Health Care												38.03%	33.13%

STANDARD AND POOR'S 500 COMPANIES

EXHIBIT 1

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
AYI	ACUITY BRANDS INC	20	Industrials											25.28%	19.13%	
TDG	TRANSDIGM GROUP INC	20	Industrials											32.07%	35.25%	38.02%
ARNC	ARCONIC INC	20	Industrials											2.43%	5.58%	2.75%
MTD	METTLER-TOLEDO INTL INC	35	Health Care											32.72%	25.76%	32.21%
HOLX	HOLOGIC INC	35	Health Care											0.10%	-13.05%	1.96%
FTV	FORTIVE CORP	20	Industrials											39.22%	33.90%	23.26%
COO	COOPER COS INC (THE)	35	Health Care											12.16%	14.74%	5.02%
ALK	ALASKA AIR GROUP INC	20	Industrials											6.11%	7.60%	-0.99%
CHTR	CHARTER COMMUNICATIONS INC	50	Communication Services											-2.05%	-3.41%	-5.23%
LNT	ALLIANT ENERGY CORP	55	Utilities											1.60%	1.59%	0.68%
AWK	AMERICAN WATER WORKS CO INC	55	Utilities											2.89%	2.67%	1.43%
LKQ	LKQ CORP	25	Consumer Discretionary											9.55%	5.13%	5.19%
FL	FOOT LOCKER INC	25	Consumer Discretionary											21.74%	16.74%	15.97%
ULTA	ULTA BEAUTY INC	25	Consumer Discretionary											13.51%	13.47%	18.68%
CNC	CENTENE CORP	35	Health Care											24.20%	17.24%	13.43%
GPN	GLOBAL PAYMENTS INC	45	Information Technology											2.36%	7.36%	12.51%
EVHC	ENVISION HEALTHCARE CORP	35	Health Care											5.36%	6.34%	
FTI	TECHNIPFMC PLC	10	Energy												4.65%	-2.90%
BHGE	BAKER HUGHES A GE CO	10	Energy													-6.44%
PKG	PACKAGING CORP OF AMERICA	15	Materials												7.62%	10.39%
INCY	INCYTE CORP	35	Health Care												-44.08%	9.50%
IDXX	IDEXX LABS INC	35	Health Care												29.90%	45.06%
AOS	SMITH (A.O.)	20	Industrials												18.99%	26.45%
RMD	RESMED INC	35	Health Care												25.21%	23.57%

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ALGN	ALIGN TECHNOLOGY INC	35	Health Care												42.45%	45.93%
NCLH	NORWEGIAN CRUISE LINE HLDGS	25	Consumer Discretionary												0.53%	0.68%
DISH	DISH NETWORK CORP	50	Communication Services												287.15%	302.91%
SNPS	SYNOPSYS INC	45	Information Technology												37.61%	58.61%
INFO	IHS MARKIT LTD	20	Industrials													
CDNS	CADENCE DESIGN SYSTEMS INC	45	Information Technology												67.77%	79.20%
ANSS	ANSYS INC	45	Information Technology												300.36%	198.56%
MGM	MGM RESORTS INTERNATIONAL	25	Consumer Discretionary												-0.73%	-2.50%
IT	GARTNER INC	45	Information Technology												7.28%	127.81%
IQV	IQVIA HOLDINGS INC	35	Health Care													805.13%
FANG	DIAMONDBACK ENERGY INC	10	Energy													-4.04%
NKTR	NEKTAR THERAPEUTICS	35	Health Care													868.85%
CE	CELANESE CORP	15	Materials													18.08%
HFC	HOLLYFRONTIER CORP	10	Energy													9.63%
FTNT	FORTINET INC	45	Information Technology													38.64%
ANET	ARISTA NETWORKS INC	45	Information Technology													128.65%
IPGP	IPG PHOTONICS CORP	45	Information Technology													28.98%
HII	HUNTINGTON INGALLS IND INC	20	Industrials													20.60%
KEYS	KEYSIGHT TECHNOLOGIES INC	45	Information Technology													81.70%
ABMD	ABIOMED INC	35	Health Care													98.09%

STANDARD AND POOR'S 500 COMPANIES

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				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ALGN	ALIGN TECHNOLOGY INC	35	Health Care												39.01%	42.36%
NCLH	NORWEGIAN CRUISE LINE HLDGS	25	Consumer Discretionary												-0.26%	-0.04%
DISH	DISH NETWORK CORP	50	Communication Services												3.21%	-1.42%
SNPS	SYNOPSYS INC	45	Information Technology												20.80%	14.41%
INFO	IHS MARKIT LTD	20	Industrials												2.23%	3.44%
CDNS	CADENCE DESIGN SYSTEMS INC	45	Information Technology												32.95%	40.40%
ANSS	ANSYS INC	45	Information Technology												79.65%	75.99%
MGM	MGM RESORTS INTERNATIONAL	25	Consumer Discretionary												-3.22%	-3.97%
IT	GARTNER INC	45	Information Technology												-4.04%	8.23%
IQV	IQVIA HOLDINGS INC	35	Health Care												-1.69%	-1.99%
FANG	DIAMONDBACK ENERGY INC	10	Energy													-3.39%
NKTR	NEKTAR THERAPEUTICS	35	Health Care													868.97%
CE	CELANESE CORP	15	Materials													19.14%
HFC	HOLLYFRONTIER CORP	10	Energy													7.77%
FTNT	FORTINET INC	45	Information Technology													19.67%
ANET	ARISTA NETWORKS INC	45	Information Technology													108.41%
IPGP	IPG PHOTONICS CORP	45	Information Technology													25.90%
HII	HUNTINGTON INGALLS IND INC	20	Industrials													12.99%
KEYS	KEYSIGHT TECHNOLOGIES INC	45	Information Technology													1.09%
ABMD	ABIOMED INC	35	Health Care													80.00%

				ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
EVERG	EVERGY INC	55	Utilities													2.68%
CPRT	COPART INC	20	Industrials													36.14%
WCG	WELLCARE HEALTH PLANS INC	35	Health Care													320.54%
TWTR	TWITTER INC	50	Communication Services													103.01%
TTWO	TAKE-TWO INTERACTIVE SFTWR	50	Communication Services													93.54%
ROL	ROLLINS INC	20	Industrials													97.37%
JKHY	HENRY (JACK) & ASSOCIATES	45	Information Technology													375.85%
FLT	FLEETCOR TECHNOLOGIES INC	45	Information Technology													86.46%
BR	BROADRIDGE FINANCIAL SOLUTNS	45	Information Technology													126.66%

				Adjusted ROIC minus COC												
Ticker	Company Name	GICS	GICS Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
EVERG	EVERGY INC	55	Utilities													2.00%
CPRT	COPART INC	20	Industrials													33.07%
WCG	WELLCARE HEALTH PLANS INC	35	Health Care													41.81%
TWTR	TWITTER INC	50	Communication Services													27.01%
TTWO	TAKE-TWO INTERACTIVE SFTWR	50	Communication Services													4.99%
ROL	ROLLINS INC	20	Industrials													38.28%
JKHY	HENRY (JACK) & ASSOCIATES	45	Information Technology													32.69%
FLT	FLEETCOR TECHNOLOGIES INC	45	Information Technology													10.00%
BR	BROADRIDGE FINANCIAL SOLUTNS	45	Information Technology													36.13%

Ticker	Company Name	GICS	GICS Sector		
					2006
BNSF	BNSF RAILWAY CO	20	Industrials		1.49%
CSX	CSX TRANSPORTATION INC	20	Industrials		-1.79%
GTC	GRAND TRUNK CORP	20	Industrials		-0.47%
KSU	KANSAS CITY SOUTHERN CO	20	Industrials		-0.63%
NSC	NORFOLK SOUTHERN CORP	20	Industrials		4.42%
SLC	SOO LINE CORP	20	Industrials		1.66%
UNP	UNION PACIFIC CORP	20	Industrials		-1.73%

2007	2008	2009	2010	2011
-1.36%	-1.24%	-1.76%	-0.75%	0.82%
-3.72%	-2.36%	-3.13%	-0.18%	-0.03%
-1.22%	-1.86%	-4.39%	-1.82%	-2.83%
-1.96%	-4.05%	-3.92%	-1.26%	-0.81%
2.22%	2.00%	-2.74%	-0.07%	1.30%
3.92%	-2.46%	-4.15%	-3.02%	-4.44%
-2.43%	-1.29%	-1.81%	0.51%	1.54%

ROIC minus COC				
2012	2013	2014	2015	2016
2.35%	2.69%	2.23%	3.21%	1.23%
-0.31%	-1.32%	-0.47%	-0.61%	-0.26%
-0.93%	0.52%	0.65%	1.16%	-0.28%
-1.58%	-2.65%	-2.47%	-2.41%	-2.65%
0.36%	0.75%	1.04%	-0.58%	0.32%
-5.97%	0.71%	-11.07%	4.89%	0.70%
3.57%	4.07%	6.70%	5.93%	4.51%

2017	2018	2006	2007	2008
0.66%	-0.33%	-0.65%	-3.14%	-2.71%
-1.20%	0.96%	-3.60%	-5.01%	-3.41%
-2.35%	-4.53%	-2.26%	-3.26%	-4.30%
-2.95%	-4.19%	-1.33%	-2.69%	-3.77%
0.01%	-0.59%	-0.94%	-2.23%	-0.67%
0.67%	1.27%	2.34%	4.13%	-3.97%
4.04%	3.58%	-3.59%	-4.05%	-2.12%

Adjusted ROIC minus COC				
2009	2010	2011	2012	2013
-2.24%	-1.47%	1.10%	-0.16%	-0.43%
-3.74%	-1.71%	-1.18%	-1.99%	-3.43%
-5.53%	-2.90%	-3.12%	-3.40%	-2.79%
-3.84%	-1.14%	-0.95%	-1.27%	-1.72%
-3.46%	-2.23%	-0.83%	-2.13%	-2.12%
-4.98%	-3.10%	-4.70%	-7.09%	-0.06%
-2.51%	-1.09%	-0.16%	1.18%	0.86%

2014	2015	2016	2017	2018
0.12%	1.23%	-0.40%	-2.87%	-2.33%
-2.61%	-1.89%	-1.67%	-4.00%	-1.04%
-1.76%	-0.46%	-1.41%	-4.73%	-5.08%
-1.76%	-1.78%	-2.17%	-4.55%	-3.91%
-1.65%	-2.40%	-1.70%	-3.13%	-2.32%
-13.73%	1.86%	-0.38%	-2.57%	-0.25%
3.03%	3.00%	1.96%	-0.37%	0.99%

Ticker	Company Name	GICS
MON	MONSANTO CO	15
NEM	NEWMONT GOLDCORP CORP	15
FCX	FREEPORT-MCMORAN INC	15
BTU	PEABODY ENERGY CORP	10
MUR	MURPHY OIL CORP	10
CHK	CHESAPEAKE ENERGY CORP	10
BJS.1	BJ SERVICES CO	10
APC	ANADARKO PETROLEUM CORP	10
HAL	HALLIBURTON CO	10
OXY	OCCIDENTAL PETROLEUM CORP	10
HES	HESS CORP	10
APA	APACHE CORP	10
RDC	ROWAN COMPANIES PLC	10
SLB	SCHLUMBERGER LTD	10
DYN	DYNEGY INC	55
XTO	XTO ENERGY INC	10
BHI	BAKER HUGHES INC	10
WFTIF	WEATHERFORD INTL PLC	10
MRO	MARATHON OIL CORP	10
DVN	DEVON ENERGY CORP	10
NBR	NABORS INDUSTRIES LTD	10
RIG	TRANSOCEAN LTD	10
NE	NOBLE CORP PLC	10
COP	CONOCOPHILLIPS	10
CNX	CNX RESOURCES CORPORATION	10
EOG	EOG RESOURCES INC	10
VMC	VULCAN MATERIALS CO	15
PHM	PULTEGROUP INC	25
CTX.2	CENTEX CORP	25
KBH	KB HOME	25
DHI	D R HORTON INC	25
LEN	LENNAR CORP	25
FLR	FLUOR CORP	20
STZ	CONSTELLATION BRANDS	30
CCEP	COCA-COLA EUROPEAN PARTNERS	30
TSN	TYSON FOODS INC -CL A	30
HSY	HERSHEY CO	30
K	KELLOGG CO	30
BUD.2	ANHEUSER-BUSCH COS INC	30
GIS	GENERAL MILLS INC	30
TAP	MOLSON COORS BREWING CO	30
DF	DEAN FOODS CO	30
KHC	KRAFT HEINZ CO	30
BEAM	BEAM INC	30
MKC	MCCORMICK & CO INC	30
WWY	WRIGLEY (WM) JR CO	30

PBG	PEPSI BOTTLING GROUP INC	30
ADM	ARCHER-DANIELS-MIDLAND CO	30
CAG	CONAGRA BRANDS INC	30
CPB	CAMPBELL SOUP CO	30
PEP	PEPSICO INC	30
HSH	HILLSHIRE BRANDS CO	30
KO	COCA-COLA CO	30
BF.B	BROWN FORMAN CORP	30
MO	ALTRIA GROUP INC	30
RAI	REYNOLDS AMERICAN INC	30
UST.1	UST INC	30
KATE	KATE SPADE & CO	25
CTAS	CINTAS CORP	20
VFC	VF CORP	25
JNY	JONES GROUP INC	25
LEG	LEGGETT & PLATT INC	25
AVY	AVERY DENNISON CORP	15
MMM	3M CO	20
KMB	KIMBERLY-CLARK CORP	30
TIN	TEMPLE-INLAND INC	15
IP	INTL PAPER CO	15
BMS	BEMIS CO INC	15
MWV	MEADWESTVACO CORP	15
RRD	DONNELLEY (R R) & SONS CO	20
MDP	MEREDITH CORP	50
DJ	DOW JONES & CO INC	25
NYT	NEW YORK TIMES CO -CL A	50
BRL	BARR PHARMACEUTICALS INC	35
SHW	SHERWIN-WILLIAMS CO	15
APD	AIR PRODUCTS & CHEMICALS INC	15
AVP	AVON PRODUCTS	30
AGN	ALLERGAN PLC	35
LIN	LINDE PLC	15
ASH	ASHLAND GLOBAL HOLDINGS INC	15
ECL	ECOLAB INC	15
BIIB	BIOGEN INC	35
ROH	ROHM AND HAAS CO	15
PPG	PPG INDUSTRIES INC	15
EL	LAUDER (ESTEE) COS INC -CL A	30
HPC	HERCULES INC	15
MEDI	MEDIMMUNE INC	35
SIAL	SIGMA-ALDRICH CORP	15
6583B	BAUSCH & LOMB HLDGS -REDH	35
BMY	BRISTOL-MYERS SQUIBB CO	35
BAX	BAXTER INTERNATIONAL INC	35
MYL	MYLAN NV	35
SGP	SCHERING-PLOUGH	35
IFF	INTL FLAVORS & FRAGRANCES	15
KG	KING PHARMACEUTICALS INC	35

GILD	GILEAD SCIENCES INC	35
DD.2	DU PONT (E I) DE NEMOURS	15
AMGN	AMGEN INC	35
MRK	MERCK & CO	35
CL	COLGATE-PALMOLIVE CO	30
AGN.2	ALLERGAN INC	35
ABI.3	APPLIED BIOSYSTEMS INC	35
PFE	PFIZER INC	35
EMN	EASTMAN CHEMICAL CO	15
LLY	LILLY (ELI) & CO	35
SII	SMITH INTERNATIONAL INC	10
ABT	ABBOTT LABORATORIES	35
FRX	FOREST LABORATORIES -CL A	35
DD	DUPONT DE NEMOURS INC	15
CLX	CLOROX CO/DE	30
CELG	CELGENE CORP	35
HSP	HOSPIRA INC	35
GENZ	GENZYME CORP	35
JNJ	JOHNSON & JOHNSON	35
PG	PROCTER & GAMBLE CO	30
WYE	WYETH	35
SUN.1	SUNOCO INC	10
XOM	EXXON MOBIL CORP	10
CVX	CHEVRON CORP	10
VLO	VALERO ENERGY CORP	10
GT	GOODYEAR TIRE & RUBBER CO	25
NKE	NIKE INC -CL B	25
PTV	PACTIV CORP	15
SEE	SEALED AIR CORP	15
TPR	TAPESTRY INC	25
X	UNITED STATES STEEL CORP	15
ATI	ALLEGHENY TECHNOLOGIES INC	15
PD.1	PHELPS DODGE CORP	15
NUE	NUCOR CORP	15
MAS	MASCO CORP	20
PH	PARKER-HANNIFIN CORP	20
SNA	SNAP-ON INC	20
BLL	BALL CORP	15
JNPR	JUNIPER NETWORKS INC	45
TEX	TEREX CORP	20
VIAV	VIAVI SOLUTIONS INC	45
ITW	ILLINOIS TOOL WORKS	20
QLGC	QLOGIC CORP	45
NOV	NATIONAL OILWELL VARCO INC	10
TT.2	TRANE INC	20
CMI	CUMMINS INC	20
BC	BRUNSWICK CORP	25
BDK	BLACK & DECKER CORP	25
SNDK	SANDISK CORP	45

IR	INGERSOLL-RAND PLC	20
DELL	DELL TECHNOLOGIES INC	45
LXK	LEXMARK INTL INC -CL A	45
XRX	XEROX CORP	45
JAVA	SUN MICROSYSTEMS INC	45
CAT	CATERPILLAR INC	20
AMAT	APPLIED MATERIALS INC	45
EMC	EMC CORP/MA	45
NVLS.1	NOVELLUS SYSTEMS INC	45
KODK	EASTMAN KODAK CO	45
HPQ	HP INC	45
PBI	PITNEY BOWES INC	20
DE	DEERE & CO	20
SWK	STANLEY BLACK & DECKER INC	20
JCI	JOHNSON CONTROLS INTL PLC	20
DOV	DOVER CORP	20
NTAP	NETAPP INC	45
ITT	ITT INC	20
CSCO	CISCO SYSTEMS INC	45
PLL.1	PALL CORP	20
AAPL	APPLE INC	45
INTC	INTEL CORP	45
JBL	JABIL INC	45
CIEN	CIENA CORP	45
NVDA	NVIDIA CORP	45
ALTR.1	ALTERA CORP	45
GLW	CORNING INC	45
MOLX	MOLEX INC	45
5933B	AVAYA INC	45
QCOM	QUALCOMM INC	45
TXN	TEXAS INSTRUMENTS INC	45
MSI	MOTOROLA SOLUTIONS INC	45
WHR	WHIRLPOOL CORP	25
TLAB	TELLABS INC	45
XLNX	XILINX INC	45
CBE	COOPER INDUSTRIES PLC	20
MXIM	MAXIM INTEGRATED PRODUCTS	45
ADCT	ADC TELECOMMUNICATIONS INC	45
ADI	ANALOG DEVICES	45
MU	MICRON TECHNOLOGY INC	45
NSM.2	NATIONAL SEMICONDUCTOR CORP	45
PMCS	PMC-SIERRA INC	45
HAR	HARMAN INTERNATIONAL INDS	25
AMD	ADVANCED MICRO DEVICES	45
ETN	EATON CORP PLC	20
LSI.1	LSI CORP	45
BRCM	BROADCOM CORP	45
LLTC	LINEAR TECHNOLOGY CORP	45
SANM	SANMINA CORP	45

TYC	TYCO INTERNATIONAL PLC	20
SLR	SOLECTRON CORP	45
ROK	ROCKWELL AUTOMATION	20
GM	GENERAL MOTORS CO	25
GR	GOODRICH CORP	20
TXT	TEXTRON INC	20
GD	GENERAL DYNAMICS CORP	20
HOG	HARLEY-DAVIDSON INC	25
UTX	UNITED TECHNOLOGIES CORP	20
COL	ROCKWELL COLLINS	20
BA	BOEING CO	20
F	FORD MOTOR CO	25
AA.3	ALCOA INC	15
LMT	LOCKHEED MARTIN CORP	20
PCAR	PACCAR INC	20
TMO	THERMO FISHER SCIENTIFIC INC	35
ZBH	ZIMMER BIOMET HOLDINGS INC	35
WAT	WATERS CORP	35
TEK.1	TEKTRONIX INC	45
A	AGILENT TECHNOLOGIES INC	35
KLAC	KLA-TENCOR CORP	45
PKI	PERKINELMER INC	35
NOC	NORTHROP GRUMMAN CORP	20
MIL.2	MILLIPORE CORP	35
MDT	MEDTRONIC PLC	35
RTN	RAYTHEON CO	20
DHR	DANAHER CORP	35
LLL	L3 TECHNOLOGIES INC	20
TER	TERADYNE INC	45
BSX	BOSTON SCIENTIFIC CORP	35
STJ	ST JUDE MEDICAL INC	35
BCR	BARD (C.R.) INC	35
BDX	BECTON DICKINSON & CO	35
5938B	BIOMET INC	35
SYK	STRYKER CORP	35
EMR	EMERSON ELECTRIC CO	20
HAS	HASBRO INC	25
NWL	NEWELL BRANDS INC	25
MAT	MATTEL INC	25
BRK3	BURLINGTON NORTHERN SANTA FE	20
UPS	UNITED PARCEL SERVICE INC	20
CCL	CARNIVAL CORP/PLC (USA)	25
LUV	SOUTHWEST AIRLINES	20
FDX	FEDEX CORP	20
AT.2	ALLTEL CORP	50
S	SPRINT CORP	50
DTV.2	DIRECTV	25
TRCO	TRIBUNE MEDIA CO	50
VZ	VERIZON COMMUNICATIONS INC	50

FTR	FRONTIER COMMUNICATIONS CORP	50
CBS	CBS CORP	50
WINMQ	WINDSTREAM HOLDINGS INC	50
CMCSA	COMCAST CORP	50
5952B	UNIVISION COMMUNICATIONS INC	25
TGNA	TEGNA INC	50
TFCFA	TWENTY-FIRST CENTURY FOX INC	50
SSP	EW SCRIPPS -CL A	50
EQ.2	EMBARQ CORP	50
T	AT&T INC	50
CTL	CENTURYLINK INC	50
IHTM	IHEARTMEDIA INC	50
DIS	DISNEY (WALT) CO	50
TWX	TIME WARNER INC	25
VIAB	VIACOM INC	50
Q.2	QWEST COMMUNICATION INTL INC	50
KSE	KEYSPAN CORP	55
0033A	ENERGY FUTURE HOLDINGS CORP	55
ED	CONSOLIDATED EDISON INC	55
AYE	ALLEGHENY ENERGY INC	55
GAS.2	NICOR INC	55
D	DOMINION ENERGY INC	55
AW	ALLIED WASTE INDUSTRIES INC	20
KMI	KINDER MORGAN INC	10
CMS	CMS ENERGY CORP	55
AEP	AMERICAN ELECTRIC POWER CO	55
CNP	CENTERPOINT ENERGY INC	55
WMB	WILLIAMS COS INC	10
WM	WASTE MANAGEMENT INC	20
TE	TECO ENERGY INC	55
XEL	XCEL ENERGY INC	55
AES	AES CORP (THE)	55
FE	FIRSTENERGY CORP	55
DUK	DUKE ENERGY CORP	55
EIX	EDISON INTERNATIONAL	55
EP	EL PASO CORP	10
SO	SOUTHERN CO	55
PCG	PG&E CORP	55
DTE	DTE ENERGY CO	55
PPL	PPL CORP	55
ETR	ENTERGY CORP	55
PGL.1	PEOPLES ENERGY CORP	55
NEE	NEXTERA ENERGY INC	55
STR	QUESTAR CORP	55
CEG	CONSTELLATION ENERGY GRP INC	55
PNW	PINNACLE WEST CAPITAL CORP	55
NI	NISOURCE INC	55
PEG	PUBLIC SERVICE ENTRP GRP INC	55
SRE	SEMPRA ENERGY	55

EXC	EXELON CORP	55
DUK8	PROGRESS ENERGY INC	55
AEE	AMEREN CORP	55
GWV	GRAINGER (W W) INC	20
GPC	GENUINE PARTS CO	25
PDCO	PATTERSON COS INC	35
ABC	AMERISOURCEBERGEN CORP	35
CAH	CARDINAL HEALTH INC	35
SPLS	STAPLES INC	25
SVU	SUPERVALU INC	30
OMX	OFFICEMAX INC	25
SYV	SYSCO CORP	30
MCK	MCKESSON CORP	35
HD	HOME DEPOT INC	25
LOW	LOWE'S COS INC	25
TGT	TARGET CORP	25
SHLDQ	SEARS HOLDINGS CORP	25
COST	COSTCO WHOLESALE CORP	30
WMT	WALMART INC	30
BIG	BIG LOTS INC	25
JCP	PENNEY (J C) CO	25
DG	DOLLAR GENERAL CORP	25
M	MACY'S INC	25
DDS	DILLARDS INC -CL A	25
KSS	KOHL'S CORP	25
FDO	FAMILY DOLLAR STORES	25
WFM	WHOLE FOODS MARKET INC	30
SWY	SAFEWAY INC	30
KR	KROGER CO	30
AZO	AUTOZONE INC	25
AN	AUTONATION INC	25
TJX	TJX COS INC (THE)	25
LB	L BRANDS INC	25
JWN	NORDSTROM INC	25
GPS	GAP INC	25
RSHCQ	RS LEGACY CORP	25
BBBY	BED BATH & BEYOND INC	25
CCTYQ	CIRCUIT CITY STORES INC	25
BBY	BEST BUY CO INC	25
WEN.2	WENDY'S INTERNATIONAL INC	25
SBUX	STARBUCKS CORP	25
DRI	DARDEN RESTAURANTS INC	25
MCD	MCDONALD'S CORP	25
YUM	YUM BRANDS INC	25
TIF	TIFFANY & CO	25
CMX.1	CAREMARK RX INC	35
ESRX	EXPRESS SCRIPTS HOLDING CO	35
ODP	OFFICE DEPOT INC	25
AMZN	AMAZON.COM INC	25

MHS	MEDCO HEALTH SOLUTIONS INC	35
CVS	CVS HEALTH CORP	35
WBA	WALGREENS BOOTS ALLIANCE INC	30
WU	WESTERN UNION CO	45
UNH	UNITEDHEALTH GROUP INC	35
AET	AETNA INC	35
HUM	HUMANA INC	35
CI	CIGNA CORP	35
CVH	COVENTRY HEALTH CARE INC	35
ANTM	ANTHEM INC	35
WYND	WYNDHAM DESTINATIONS INC	25
MAR	MARRIOTT INTL INC	25
HOT	STARWOOD HOTELS&RESORTS WRLD	25
HLT	HILTON WORLDWIDE HOLDINGS	25
HRB	BLOCK H & R INC	25
IBM	INTL BUSINESS MACHINES CORP	45
IAC	IAC/INTERACTIVECORP	50
PTC	PTC INC	45
INTU	INTUIT INC	45
UIS	UNISYS CORP	45
FIS	FIDELITY NATIONAL INFO SVCS	45
GOOGL	ALPHABET INC	50
CPWR.1	COMPUWARE CORP	45
NOVL	NOVELL INC	45
RHI	ROBERT HALF INTL INC	20
SYMC	SYMANTEC CORP	45
VRSN	VERISIGN INC	45
IPG	INTERPUBLIC GROUP OF COS	50
ACS	AFFILIATED COMPUTER SERVICES	45
ADBE	ADOBE INC	45
EFX	EQUIFAX INC	20
DXC	DXC TECHNOLOGY CO	45
CA	CA INC	45
OMC	OMNICOM GROUP	50
AABA	ALTABA INC	25
EBAY	EBAY INC	25
NCR	NCR CORP	45
FDC	FIRST DATA CORP	45
ADSK	AUTODESK INC	45
MSFT	MICROSOFT CORP	45
BMC	BMC SOFTWARE INC	45
MWW	MONSTER WORLDWIDE INC	45
FISV	FISERV INC	45
TSG.2	SABRE HOLDINGS CORP -CL A	45
CTSH	COGNIZANT TECH SOLUTIONS	45
EDS.	ELECTRONIC DATA SYSTEMS CORP	45
CMVT	COMVERSE TECHNOLOGY INC	45
ADP	AUTOMATIC DATA PROCESSING	45
CVG	CONVERGYS CORP	45

CTXS	CITRIX SYSTEMS INC	45
EA	ELECTRONIC ARTS INC	50
ORCL	ORACLE CORP	45
R	RYDER SYSTEM INC	20
IGT.1	INTL GAME TECHNOLOGY	25
CZR	CAESARS ENTERTAINMENT CORP	25
HCR.1	MANOR CARE INC	35
HMA	HEALTH MANAGEMENT ASSOC	35
THC	TENET HEALTHCARE CORP	35
DGX	QUEST DIAGNOSTICS INC	35
LH	LABORATORY CP OF AMER HLDGS	35
APOL	APOLLO EDUCATION GROUP INC	25
IMS	IMS HEALTH HOLDINGS INC	35
PAYX	PAYCHEX INC	45
GE	GENERAL ELECTRIC CO	20
HON	HONEYWELL INTERNATIONAL INC	20
RRC	RANGE RESOURCES CORP	10
NBL	NOBLE ENERGY INC	10
ESV	ENSCO ROWAN PLC	10
JEC	JACOBS ENGINEERING GROUP INC	20
MDLZ	MONDELEZ INTERNATIONAL INC	30
RL	RALPH LAUREN CORP	25
ANDV	ANDEAVOR	10
TIE	TITANIUM METALS CORP	15
MTW	MANITOWOC CO	20
TEL	TE CONNECTIVITY LTD	45
MCHP	MICROCHIP TECHNOLOGY INC	45
SUNEQ	SUNEDISON INC	45
PCP	PRECISION CASTPARTS CORP	20
VAR	VARIAN MEDICAL SYSTEMS INC	35
COV	COVIDIEN PLC	35
CHRW	C H ROBINSON WORLDWIDE INC	20
EXPE	EXPEDIA GROUP INC	25
EXPD	EXPEDITORS INTL WASH INC	20
WEC3	INTEGRYS HOLDING INC	55
SE.7	SPECTRA ENERGY CORP	10
POM	PEPCO HOLDINGS INC	55
ANF	ABERCROMBIE & FITCH -CL A	25
GME	GAMESTOP CORP	25
TDC	TERADATA CORP	45
AKAM	AKAMAI TECHNOLOGIES INC	45
GHC	GRAHAM HOLDINGS CO	25
MEE	MASSEY ENERGY CO	10
PXD	PIONEER NATURAL RESOURCES CO	10
COG	CABOT OIL & GAS CORP	10
SJM	SMUCKER (JM) CO	30
DPS	DR PEPPER SNAPPLE GROUP INC	30
PM	PHILIP MORRIS INTERNATIONAL	30
LO	LORILLARD INC	30

LIFE.3	LIFE TECHNOLOGIES CORP	35
CEPH	CEPHALON INC	35
CF	CF INDUSTRIES HOLDINGS INC	15
AKS	AK STEEL HOLDING CORP	15
CAM	CAMERON INTERNATIONAL CORP	10
FLS	FLOWSERVE CORP	20
APH	AMPHENOL CORP	45
XRAY	DENTSPLY SIRONA INC	35
HRS	HARRIS CORP	20
ISRG	INTUITIVE SURGICAL INC	35
SNI	SCRIPPS NETWORKS INTERACTIVE	25
SWN	SOUTHWESTERN ENERGY CO	10
WEC	WEC ENERGY GROUP INC	55
RSG	REPUBLIC SERVICES INC	20
SRCL	STERICYCLE INC	20
EQT	EQT CORP	10
FAST	FASTENAL CO	20
MA	MASTERCARD INC	45
DNB	DUN & BRADSTREET CORP	20
TSS	TOTAL SYSTEM SERVICES INC	45
MFE	MCAFEE INC	45
CRM	SALESFORCE.COM INC	45
WYNN	WYNN RESORTS LTD	25
DVA	DAVITA INC	35
CLF	CLEVELAND-CLIFFS INC	15
DO	DIAMOND OFFSHORE DRILLING INC	10
DNR	DENBURY RESOURCES INC	10
PWR	QUANTA SERVICES INC	20
MJN	MEAD JOHNSON NUTRITION CO	30
HRL	HORMEL FOODS CORP	30
FMC	FMC CORP	15
OI	OWENS-ILLINOIS INC	15
WDC	WESTERN DIGITAL CORP	45
FTI.1	FMC TECHNOLOGIES INC	10
FSLR	FIRST SOLAR INC	45
ROP	ROPER TECHNOLOGIES INC	20
CFN	CAREFUSION CORP	35
FLIR	FLIR SYSTEMS INC	45
TWC	TIME WARNER CABLE INC	25
PCS	METROPCS COMMUNICATIONS INC	50
SCG	SCANA CORP	55
ES	EVERSOURCE ENERGY	55
ARG	AIRGAS INC	15
ORLY	O'REILLY AUTOMOTIVE INC	25
ROST	ROSS STORES INC	25
V	VISA INC	45
RHT	RED HAT INC	45
LDOS	LEIDOS HOLDINGS INC	45
BKNG	BOOKING HOLDINGS INC	25

ATGE	ADTALEM GLOBAL EDUCATION INC	25
QEP	QEP RESOURCES INC	10
NFX	NEWFIELD EXPLORATION CO	10
HP	HELMERICH & PAYNE	10
ATUS	ALTICE USA INC	50
DISCA	DISCOVERY INC	50
OKE	ONEOK INC	10
NRG	NRG ENERGY INC	55
KMX	CARMAX INC	25
URBN	URBAN OUTFITTERS INC	25
FFIV	F5 NETWORKS INC	45
CERN	CERNER CORP	35
NFLX	NETFLIX INC	50
ANRZQ	ALPHA NATURAL RESOURCES INC	10
PRGO	PERRIGO CO PLC	35
MOS	MOSAIC CO	15
MPC	MARATHON PETROLEUM CORP	10
XYL	XYLEM INC	20
JOY	JOY GLOBAL INC	20
MMI.3	MOTOROLA MOBILITY HLDGS INC	45
BWA	BORGWARNER INC	25
EW	EDWARDS LIFESCIENCES CORP	35
SO7	SOUTHERN CO GAS	55
DLTR	DOLLAR TREE INC	25
CMG	CHIPOTLE MEXICAN GRILL INC	25
TRIP	TRIPADVISOR INC	50
ACN	ACCENTURE PLC	45
WPX	WPX ENERGY INC	10
KRFT	KRAFT FOODS GROUP INC	30
MNST	MONSTER BEVERAGE CORP	30
LYB	LYONDELLBASELL INDUSTRIES NV	15
ALXN	ALEXION PHARMACEUTICALS INC	35
PSX	PHILLIPS 66	10
STX	SEAGATE TECHNOLOGY PLC	45
PNR	PENTAIR PLC	20
LRCX	LAM RESEARCH CORP	45
APTV	APTIV PLC	25
GRMN	GARMIN LTD	25
FOSL	FOSSIL GROUP INC	25
PETM	PETSMART INC	25
ADT.4	ADT CORP	20
MHK	MOHAWK INDUSTRIES INC	25
PVH	PVH CORP	25
CPRI	CAPRI HOLDINGS LTD	25
NWSA	NEWS CORP	50
ZTS	ZOETIS INC	35
VRTX	VERTEX PHARMACEUTICALS INC	35
REGN	REGENERON PHARMACEUTICALS	35
ABBV	ABBVIE INC	35

ALLE	ALLEGION PLC	20
AME	AMETEK INC	20
DAL	DELTA AIR LINES INC	20
FB	FACEBOOK INC	50
ADS	ALLIANCE DATA SYSTEMS CORP	45
NLSN	NIELSEN HOLDINGS PLC	20
XEC	CIMAREX ENERGY CO	10
MLM	MARTIN MARIETTA MATERIALS	15
KDP	KEURIG DR PEPPER INC	30
UAA	UNDER ARMOUR INC	25
MNK	MALLINCKRODT PLC	35
AVGO	BROADCOM INC	45
RCL	ROYAL CARIBBEAN CRUISES LTD	25
LVL	LEVEL 3 COMMUNICATIONS INC	50
TSCO	TRACTOR SUPPLY CO	25
URI	UNITED RENTALS INC	20
UHS	UNIVERSAL HEALTH SVCS INC	35
HBI	HANESBRANDS INC	25
WRK	WESTROCK CO	15
ENDP	ENDO INTERNATIONAL PLC	35
CHD	CHURCH & DWIGHT INC	30
BXLT	BAXALTA INC	35
HPE	HEWLETT PACKARD ENTERPRISE	45
SWKS	SKYWORKS SOLUTIONS INC	45
QRVO	QORVO INC	45
ILMN	ILLUMINA INC	35
JBHT	HUNT (JB) TRANSPRT SVCS INC	20
UAL	UNITED CONTINENTAL HLDGS INC	20
AAL	AMERICAN AIRLINES GROUP INC	20
CPGX	COLUMBIA PIPELINE GROUP INC	10
HSIC	HENRY SCHEIN INC	35
AAP	ADVANCE AUTO PARTS INC	25
SIG	SIGNET JEWELERS LTD	25
VRSK	VERISK ANALYTICS INC	20
PYPL	PAYPAL HOLDINGS INC	45
CSRA	CSRA INC	45
ATVI	ACTIVISION BLIZZARD INC	50
HCA	HCA HEALTHCARE INC	35
CXO	CONCHO RESOURCES INC	10
FBHS	FORTUNE BRANDS HOME & SECUR	20
COTY	COTY INC	30
ALB	ALBEMARLE CORP	15
AYI	ACUITY BRANDS INC	20
TDG	TRANSDIGM GROUP INC	20
ARNC	ARCONIC INC	20
MTD	METTLER-TOLEDO INTL INC	35
HOLX	HOLOGIC INC	35
FTV	FORTIVE CORP	20
COO	COOPER COS INC (THE)	35

ALK	ALASKA AIR GROUP INC	20
CHTR	CHARTER COMMUNICATIONS INC	50
LNT	ALLIANT ENERGY CORP	55
AWK	AMERICAN WATER WORKS CO INC	55
LKQ	LKQ CORP	25
FL	FOOT LOCKER INC	25
ULTA	ULTA BEAUTY INC	25
CNC	CENTENE CORP	35
GPN	GLOBAL PAYMENTS INC	45
EVHC	ENVISION HEALTHCARE CORP	35
FTI	TECHNIPFMC PLC	10
BHGE	BAKER HUGHES A GE CO	10
PKG	PACKAGING CORP OF AMERICA	15
INCY	INCYTE CORP	35
IDXX	IDEXX LABS INC	35
AOS	SMITH (A.O.)	20
RMD	RESMED INC	35
ALGN	ALIGN TECHNOLOGY INC	35
NCLH	NORWEGIAN CRUISE LINE HLDGS	25
DISH	DISH NETWORK CORP	50
SNPS	SYNOPSYS INC	45
INFO	IHS MARKIT LTD	20
CDNS	CADENCE DESIGN SYSTEMS INC	45
ANSS	ANSYS INC	45
MGM	MGM RESORTS INTERNATIONAL	25
IT	GARTNER INC	45
IQV	IQVIA HOLDINGS INC	35
FANG	DIAMONDBACK ENERGY INC	10
NKTR	NEKTAR THERAPEUTICS	35
CE	CELANESE CORP	15
HFC	HOLLYFRONTIER CORP	10
FTNT	FORTINET INC	45
ANET	ARISTA NETWORKS INC	45
IPGP	IPG PHOTONICS CORP	45
HII	HUNTINGTON INGALLS IND INC	20
KEYS	KEYSIGHT TECHNOLOGIES INC	45
ABMD	ABIOMED INC	35
EVRG	EVERGY INC	55
CPRT	COPART INC	20
WCG	WELLCARE HEALTH PLANS INC	35
TWTR	TWITTER INC	50
TTWO	TAKE-TWO INTERACTIVE SFTWR	50
ROL	ROLLINS INC	20
JKHY	HENRY (JACK) & ASSOCIATES	45
FLT	FLEETCOR TECHNOLOGIES INC	45
BR	BROADRIDGE FINANCIAL SOLUTNS	45

	2006	2007	2008
GICS Sector			
Materials	10.30%	19.78%	30.42%
Materials	9.69%	6.61%	0.54%
Materials	54.01%	29.59%	-32.21%
Energy	1.48%	-3.08%	6.53%
Energy	7.36%	6.83%	13.61%
Energy	5.68%	1.14%	-5.87%
Energy	41.68%	31.58%	15.72%
Energy	5.57%	-1.01%	2.95%
Energy	30.84%	31.01%	29.31%
Energy	13.43%	13.14%	16.25%
Energy	9.62%	9.60%	9.66%
Energy	6.10%	7.66%	-5.92%
Energy	4.30%	10.63%	6.05%
Energy	40.27%	42.83%	32.02%
Utilities	1.52%	0.27%	-1.87%
Energy	10.06%	9.34%	1.96%
Energy	10.09%	27.35%	22.61%
Energy	19.08%	19.72%	15.51%
Energy	22.46%	11.26%	7.75%
Energy	11.50%	10.12%	-23.95%
Energy	14.29%	8.90%	3.81%
Energy	7.64%	13.72%	
Energy	13.75%	23.28%	21.48%
Energy	15.26%	12.67%	10.96%
Energy	2.47%	0.47%	0.63%
Energy	13.99%	7.10%	15.17%
Materials	15.95%	9.14%	-1.19%
Consumer Discretionary	-2.78%	-26.41%	-32.73%
Consumer Discretionary	-8.72%	-37.32%	-34.36%
Consumer Discretionary	-0.51%	-33.00%	-44.39%
Consumer Discretionary	1.96%	-10.66%	-46.09%
Consumer Discretionary	-3.05%	-32.00%	-32.87%
Industrials	0.58%	10.87%	13.22%
Consumer Staples	16.41%	6.46%	3.96%
Consumer Staples	96.13%	38.43%	75.92%
Consumer Staples	-4.75%	0.39%	-3.18%
Consumer Staples	31.92%	33.44%	22.74%
Consumer Staples	47.34%	45.29%	42.16%
Consumer Staples	21.46%	22.55%	
Consumer Staples	68.29%	62.08%	50.49%
Consumer Staples	28.27%	28.18%	25.32%
Consumer Staples	23.27%	23.74%	23.21%
Consumer Staples	40.65%	39.16%	35.15%
Consumer Staples	41.59%	33.33%	28.44%
Consumer Staples	32.92%	30.07%	30.57%
Consumer Staples	25.29%	23.46%	

Consumer Staples	21.49%	21.13%	19.77%
Consumer Staples	7.31%	3.30%	2.09%
Consumer Staples	17.90%	12.89%	13.51%
Consumer Staples	36.77%	37.01%	37.29%
Consumer Staples	50.11%	40.93%	35.65%
Consumer Staples	13.66%	15.87%	19.28%
Consumer Staples	70.75%	65.14%	70.45%
Consumer Staples	28.37%	32.40%	31.83%
Consumer Staples	69.99%	53.05%	60.05%
Consumer Staples	192.14%	81.37%	80.47%
Consumer Staples	51.98%	37.93%	
Consumer Discretionary	16.84%	17.16%	
Industrials	14.20%	13.75%	8.57%
Consumer Discretionary	23.38%	28.27%	26.13%
Consumer Discretionary	35.76%	12.73%	-3.04%
Consumer Discretionary	11.31%	7.69%	5.55%
Materials	17.69%	19.03%	12.98%
Industrials	29.61%	26.24%	25.47%
Consumer Staples	15.61%	13.42%	10.07%
Materials	25.09%		
Materials	-11.03%	6.89%	0.97%
Materials	8.68%	5.28%	3.28%
Materials	2.46%	2.56%	-0.57%
Industrials	30.53%	35.95%	32.47%
Communication Services	159.03%	226.03%	218.26%
Consumer Discretionary	21.57%		
Communication Services	23.31%	14.30%	2.69%
Health Care	69.74%	25.19%	
Materials	30.09%	30.47%	26.83%
Materials	4.50%	7.94%	8.72%
Consumer Staples	29.44%	23.91%	31.84%
Health Care	4.22%	3.91%	11.17%
Materials	9.79%	10.44%	11.82%
Materials	-2.36%	0.84%	
Materials	19.33%	21.67%	26.41%
Health Care	61.71%	57.87%	66.93%
Materials	18.50%	16.30%	15.30%
Materials	22.37%	15.22%	16.78%
Consumer Staples	15.48%	17.28%	16.42%
Materials	64.23%	29.77%	
Health Care	-15.86%		
Materials	15.44%	15.08%	15.68%
Health Care	0.67%		
Health Care	18.40%	23.57%	29.98%
Health Care	11.23%	11.95%	15.28%
Health Care	29.42%	17.50%	44.40%
Health Care	-3.19%	0.63%	4.42%
Materials	13.56%	16.29%	18.38%
Health Care	77.46%	112.08%	50.53%

Health Care	145.24%	136.85%	142.65%
Materials	17.79%	15.91%	10.26%
Health Care	57.10%	55.18%	54.18%
Health Care	28.90%	46.90%	30.24%
Consumer Staples	39.18%	44.72%	48.61%
Health Care	85.26%	93.18%	78.59%
Health Care	31.14%	28.44%	
Health Care	104.79%	107.49%	145.58%
Materials	6.60%	6.15%	4.50%
Health Care	28.11%	29.99%	39.70%
Energy	29.21%	28.60%	24.12%
Health Care	37.59%	34.27%	37.05%
Health Care	75.35%	86.88%	92.44%
Materials	15.16%	7.74%	0.88%
Consumer Staples	39.21%	42.69%	46.84%
Health Care	21.53%	53.35%	118.33%
Health Care	11.61%	14.31%	12.49%
Health Care	27.16%	14.50%	13.98%
Health Care	57.70%	62.80%	59.01%
Consumer Staples	59.28%	78.97%	82.19%
Health Care	25.53%	24.85%	25.34%
Energy	9.32%	3.83%	3.15%
Energy	25.71%	23.03%	22.12%
Energy	16.20%	13.58%	13.64%
Energy	18.38%	12.67%	0.04%
Consumer Discretionary	-3.60%	-0.19%	-4.85%
Consumer Discretionary	19.60%	24.74%	23.62%
Materials	16.40%	16.16%	14.10%
Materials	15.62%	15.61%	13.01%
Consumer Discretionary	91.01%	95.07%	99.49%
Materials	8.69%	-1.03%	12.06%
Materials	22.23%	21.67%	11.25%
Materials	52.94%		
Materials	29.91%	19.05%	23.22%
Industrials	20.18%	14.40%	0.76%
Industrials	16.02%	20.51%	19.97%
Industrials	16.85%	28.42%	26.87%
Materials	7.89%	13.14%	8.57%
Information Technology	75.28%	71.02%	106.26%
Industrials	10.64%	14.65%	
Information Technology	-61.27%	-31.97%	-24.17%
Industrials	43.19%	39.91%	35.98%
Information Technology	54.25%	55.52%	68.58%
Energy	8.18%	16.18%	26.95%
Industrials	8.52%	5.69%	
Industrials	4.23%	2.56%	6.19%
Consumer Discretionary	0.44%	-4.91%	
Consumer Discretionary	11.94%	22.15%	9.12%
Information Technology	1.47%	-9.71%	-55.56%

Industrials	22.36%	19.76%	73.35%
Information Technology	77.26%	79.17%	71.20%
Information Technology	17.96%	10.19%	12.60%
Information Technology	40.44%	33.49%	49.55%
Information Technology	-40.24%	0.15%	4.13%
Industrials	16.81%	14.20%	11.12%
Information Technology	31.87%	35.51%	12.35%
Information Technology	25.62%	26.71%	29.71%
Information Technology	7.47%	11.79%	-11.53%
Information Technology	-10.49%	-4.32%	-5.90%
Information Technology	33.16%	35.66%	38.59%
Industrials	269.78%	108.47%	129.33%
Industrials	15.81%	17.90%	16.99%
Industrials	22.64%	25.97%	20.63%
Industrials	11.64%	11.05%	12.86%
Industrials	36.16%	34.34%	35.15%
Information Technology	9.39%	10.52%	11.40%
Industrials	20.55%	29.59%	36.02%
Information Technology	73.73%	92.01%	87.13%
Industrials	-1.21%	-0.71%	6.60%
Information Technology	221.19%	240.50%	271.80%
Information Technology	2.28%	16.47%	21.54%
Information Technology	-6.75%	-9.05%	-4.25%
Information Technology	-24.30%	13.71%	2.57%
Information Technology	56.06%	96.85%	5.42%
Information Technology	71.54%	49.96%	85.42%
Information Technology	4.12%	5.24%	42.81%
Information Technology	-3.46%	-2.91%	-2.20%
Information Technology	1.20%		
Information Technology	135.23%	135.10%	85.13%
Information Technology	20.99%	26.00%	27.55%
Information Technology	38.05%	-4.61%	-44.46%
Consumer Discretionary	-1.11%	3.12%	4.35%
Information Technology	19.17%	-10.40%	1.57%
Information Technology	44.78%	52.91%	52.97%
Industrials	18.19%	32.47%	40.63%
Information Technology	12.30%		
Information Technology	4.48%		
Information Technology	28.69%	22.70%	34.26%
Information Technology	-16.32%	-20.69%	-27.38%
Information Technology	24.74%	36.49%	26.55%
Information Technology	-110.17%		
Consumer Discretionary	9.91%	12.76%	0.97%
Information Technology	-8.99%	-43.81%	-35.58%
Industrials	5.21%	6.60%	11.38%
Information Technology	14.96%	-46.43%	-32.20%
Information Technology	51.34%	6.68%	40.28%
Information Technology	111.29%	94.90%	110.70%
Information Technology	-8.89%		

Industrials	11.13%	-6.64%	19.76%
Information Technology	-13.47%		
Industrials	23.73%	29.00%	31.58%
Consumer Discretionary	8.94%	-72.19%	-39.10%
Industrials	19.88%	15.88%	19.65%
Industrials	23.42%	25.99%	16.41%
Industrials	20.45%	22.03%	23.62%
Consumer Discretionary	45.12%	44.45%	36.69%
Industrials	27.34%	26.69%	26.86%
Industrials	27.13%	30.17%	32.25%
Industrials	31.55%	39.42%	15.29%
Consumer Discretionary	-12.62%	-0.04%	-11.84%
Materials	12.87%	3.88%	3.21%
Industrials	24.17%	30.57%	32.17%
Industrials	29.68%	16.10%	13.02%
Health Care	6.00%	22.37%	24.47%
Health Care	48.82%	49.24%	39.19%
Health Care	48.84%	51.18%	58.98%
Information Technology	16.14%		
Health Care	27.54%	49.10%	40.97%
Information Technology	20.64%	39.11%	24.47%
Health Care	23.46%	28.51%	28.82%
Industrials	22.55%	30.34%	27.57%
Health Care	22.13%	25.33%	19.75%
Health Care	59.21%	61.79%	75.85%
Industrials	8.78%	21.67%	20.65%
Health Care	47.53%	47.64%	50.31%
Industrials	58.90%	51.68%	42.96%
Information Technology	11.53%	0.84%	-9.88%
Health Care	213.48%	441.26%	206.17%
Health Care	54.85%	56.67%	55.37%
Health Care	52.99%	45.12%	56.66%
Health Care	18.99%	18.37%	18.33%
Health Care	18.92%		
Health Care	20.61%	18.26%	18.59%
Industrials	30.94%	35.07%	34.76%
Consumer Discretionary	26.82%	40.36%	30.76%
Consumer Discretionary	30.03%	30.49%	21.36%
Consumer Discretionary	36.68%	42.28%	21.50%
Industrials	3.78%	3.15%	2.44%
Industrials	23.31%	38.60%	14.48%
Consumer Discretionary	0.74%	-0.01%	-2.68%
Industrials	-4.86%	-4.92%	-6.22%
Industrials	7.51%	5.68%	0.83%
Communication Services	10.28%		
Communication Services	6.71%	2.19%	-4.58%
Consumer Discretionary	30.74%	18.83%	20.13%
Communication Services			
Communication Services	6.86%	9.13%	15.23%

Communication Services	11.73%	12.31%	15.44%
Communication Services	92.31%	75.47%	133.63%
Communication Services	13.72%	22.21%	26.10%
Communication Services			
Consumer Discretionary			
Communication Services	61.99%	57.98%	80.97%
Communication Services	136.93%	117.65%	109.15%
Communication Services	73.38%	70.16%	
Communication Services	8.17%	5.78%	11.74%
Communication Services	-0.51%	3.52%	8.64%
Communication Services	8.16%	12.24%	17.90%
Communication Services	33.02%	42.10%	
Communication Services	16.65%	19.56%	24.72%
Consumer Discretionary	689.30%	244.90%	109.38%
Communication Services	102.57%	92.29%	101.75%
Communication Services	2.30%	24.63%	5.95%
Utilities	3.33%		
Utilities	22.25%		
Utilities	3.72%	4.03%	0.47%
Utilities	5.13%	4.02%	2.31%
Utilities	1.50%	0.16%	-1.78%
Utilities	4.54%	1.31%	8.36%
Industrials	13.98%	16.07%	
Energy	10.06%		
Utilities	-2.94%	-4.35%	-1.48%
Utilities	3.14%	2.09%	0.12%
Utilities	8.86%	6.69%	5.22%
Energy	4.55%	5.29%	6.59%
Industrials	10.91%	10.32%	7.98%
Utilities	1.99%	-0.70%	-0.75%
Utilities	1.54%	0.93%	-0.41%
Utilities	11.03%	7.43%	5.77%
Utilities	11.20%	7.70%	3.92%
Utilities	3.62%	-0.26%	-0.30%
Utilities	17.85%	15.04%	10.36%
Energy	4.72%	4.09%	9.39%
Utilities	4.20%	3.37%	1.77%
Utilities	3.29%	1.74%	0.93%
Utilities	1.43%	-2.40%	1.64%
Utilities	7.89%	8.48%	6.20%
Utilities	8.94%	8.22%	5.18%
Utilities	1.43%		
Utilities	4.19%	2.47%	1.85%
Utilities	9.52%	8.07%	8.51%
Utilities	3.99%	3.69%	-4.61%
Utilities	2.21%	0.82%	-0.97%
Utilities	3.40%	2.19%	-1.06%
Utilities	12.13%	14.78%	13.66%
Utilities	4.83%	3.06%	-0.17%

Utilities	12.63%	10.96%	11.73%
Utilities	2.67%	1.54%	0.63%
Utilities	0.49%	-0.10%	-1.75%
Industrials	9.21%	10.55%	11.04%
Consumer Discretionary	9.79%	9.26%	6.57%
Health Care	29.01%	26.77%	23.73%
Health Care	3.13%	3.78%	1.61%
Health Care	8.89%	12.55%	8.63%
Consumer Discretionary	19.36%	17.52%	13.84%
Consumer Staples	9.59%	5.83%	4.17%
Consumer Discretionary	8.15%	5.38%	
Consumer Staples	26.15%	26.64%	21.48%
Health Care	5.73%	5.12%	6.41%
Consumer Discretionary	2.99%	0.84%	-1.09%
Consumer Discretionary	-0.20%	-0.95%	-3.48%
Consumer Discretionary	3.86%	2.85%	0.47%
Consumer Discretionary	1.10%	-3.05%	-5.84%
Consumer Staples	-0.72%	0.17%	-0.03%
Consumer Staples	1.92%	1.41%	1.86%
Consumer Discretionary	-0.03%	2.72%	4.47%
Consumer Discretionary	6.13%	5.41%	0.34%
Consumer Discretionary	0.19%		
Consumer Discretionary	-0.67%	1.77%	2.32%
Consumer Discretionary	-1.63%	-5.81%	
Consumer Discretionary	7.03%	5.01%	1.90%
Consumer Discretionary	3.42%	4.38%	2.59%
Consumer Staples	3.58%	-1.87%	-3.27%
Consumer Staples	1.74%	-2.62%	0.34%
Consumer Staples	1.91%	-2.11%	0.43%
Consumer Discretionary	8.91%	8.96%	6.79%
Consumer Discretionary	4.22%	3.99%	5.40%
Consumer Discretionary	5.41%	8.68%	6.78%
Consumer Discretionary	12.68%	1.31%	4.11%
Consumer Discretionary	8.88%	11.09%	3.13%
Consumer Discretionary	1.15%	4.20%	7.26%
Consumer Discretionary	4.18%	8.54%	8.02%
Consumer Discretionary	15.43%	8.57%	0.83%
Consumer Discretionary	-7.48%	-25.81%	
Consumer Discretionary	8.83%	6.39%	2.33%
Consumer Discretionary	-4.49%	2.02%	
Consumer Discretionary	9.50%	8.42%	5.93%
Consumer Discretionary	7.97%	8.90%	5.00%
Consumer Discretionary	7.87%	11.68%	12.35%
Consumer Discretionary	18.15%	18.31%	20.48%
Consumer Discretionary	0.78%	3.12%	3.97%
Health Care	37.71%		
Health Care	233.90%	531.42%	880.14%
Consumer Discretionary	9.08%	3.30%	-8.38%
Consumer Discretionary	-4.02%	0.30%	4.37%

Health Care	32.13%	35.95%	43.96%
Health Care	1.72%	14.74%	18.31%
Consumer Staples	2.31%	3.17%	1.37%
Information Technology			
Health Care	688.36%	612.26%	573.85%
Health Care			
Health Care	98.23%	190.11%	171.19%
Health Care	41.38%	39.96%	9.15%
Health Care	613.78%	716.13%	240.91%
Health Care			
Consumer Discretionary	125.50%	77.50%	151.01%
Consumer Discretionary	20.01%	19.68%	9.09%
Consumer Discretionary	15.25%	4.85%	3.29%
Consumer Discretionary	20.50%		
Consumer Discretionary	99.19%	168.29%	207.06%
Information Technology	29.24%	32.57%	38.66%
Communication Services		-17.48%	
Information Technology	17.43%		
Information Technology	122.16%	138.48%	102.92%
Information Technology	-21.27%	-2.23%	
Information Technology	539.33%	354.47%	341.54%
Communication Services	111.31%	79.11%	73.11%
Information Technology	0.95%	11.63%	9.05%
Information Technology	-21.07%	-13.70%	-3.75%
Industrials	35.17%	44.04%	41.79%
Information Technology	52.17%	53.33%	91.62%
Information Technology	36.72%	-2.69%	27.01%
Communication Services	1.25%	14.64%	33.77%
Information Technology	92.06%	73.54%	57.92%
Information Technology	260.01%	285.75%	260.90%
Industrials	1307.25%		
Information Technology	8.61%	9.97%	19.22%
Information Technology	96.73%	97.96%	93.85%
Communication Services	119.13%	135.74%	158.88%
Consumer Discretionary	32.48%	13.46%	16.04%
Consumer Discretionary	146.88%	208.70%	211.10%
Information Technology	9.03%		
Information Technology	756.51%		
Information Technology	183.32%	170.31%	116.99%
Information Technology	292.84%	196.25%	209.09%
Information Technology	54.81%	125.05%	157.49%
Information Technology	35.09%	32.86%	30.92%
Information Technology	271.70%	909.88%	
Information Technology	26.98%		
Information Technology	43.83%	41.69%	39.56%
Information Technology	-0.70%	10.30%	
Information Technology	-110.11%		
Information Technology	70.94%	59.72%	77.88%
Information Technology	24.58%	33.47%	55.89%

Information Technology	80.28%	82.64%	45.12%
Communication Services	-10.62%	-44.32%	-103.37%
Information Technology	244.22%	285.24%	302.19%
Industrials	0.50%	-0.42%	0.22%
Consumer Discretionary	71.43%	61.14%	38.93%
Consumer Discretionary	3.07%	3.41%	
Health Care	12.79%		
Health Care	4.27%		
Health Care	8.16%	3.60%	0.90%
Health Care	74.32%	65.24%	62.88%
Health Care	392.37%	369.19%	316.52%
Consumer Discretionary	102.10%	85.21%	69.32%
Health Care	117.19%	117.59%	103.71%
Information Technology	166.45%	165.10%	165.54%
Industrials	43.68%	46.91%	34.02%
Industrials	20.18%	23.58%	20.49%
Energy		2.01%	2.57%
Energy		9.55%	6.94%
Energy		25.73%	24.25%
Industrials		29.67%	40.24%
Consumer Staples		39.91%	47.75%
Consumer Discretionary		17.42%	16.34%
Energy		5.83%	-5.51%
Materials		11.25%	1.74%
Industrials		24.64%	20.32%
Information Technology		6.22%	11.05%
Information Technology		23.74%	25.70%
Information Technology		66.64%	42.71%
Industrials		42.95%	39.58%
Health Care		28.09%	30.58%
Health Care		35.61%	31.55%
Industrials		55.84%	55.22%
Consumer Discretionary			
Industrials		21.72%	23.10%
Utilities		2.52%	-2.53%
Energy		4.84%	3.73%
Utilities		0.71%	0.74%
Consumer Discretionary		18.06%	5.24%
Consumer Discretionary		16.71%	17.48%
Information Technology		81.20%	52.49%
Information Technology		53.31%	69.15%
Consumer Discretionary		44.40%	9.35%
Energy			5.21%
Energy			-3.38%
Energy			-0.37%
Consumer Staples			64.37%
Consumer Staples			527.37%
Consumer Staples			36.97%
Consumer Staples			247.50%

Health Care	50.02%
Health Care	55.16%
Materials	71.71%
Materials	-10.27%
Energy	12.87%
Industrials	21.27%
Information Technology	34.13%
Health Care	27.97%
Industrials	31.01%
Health Care	81.35%
Consumer Discretionary	1213.44%
Energy	13.87%
Utilities	-5.12%
Industrials	7.72%
Industrials	245.29%
Energy	2.85%
Industrials	19.63%
Information Technology	602.48%
Industrials	555.51%
Information Technology	53.69%
Information Technology	61.51%
Information Technology	-0.70%
Consumer Discretionary	-1.01%
Health Care	41.56%
Materials	
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Information Technology

ROIC minus COC				
2009	2010	2011	2012	2013
36.35%	14.88%	18.18%	26.33%	23.72%
8.04%	15.11%	-0.92%	3.83%	-23.60%
15.86%	29.06%	27.05%	12.96%	4.29%
-1.43%	6.15%	3.03%	-1.54%	-5.82%
-0.50%	0.52%	-1.10%	0.61%	-0.38%
-29.04%	-1.90%	-2.45%	-11.44%	-1.64%
-0.22%				
-10.58%	-4.77%	1.07%	-5.07%	0.11%
9.57%	13.58%	19.98%	14.43%	14.09%
-0.11%	5.07%	9.24%	1.97%	1.47%
-1.89%	3.53%	2.96%	0.01%	4.45%
-9.81%	3.75%	4.42%	-3.20%	-1.78%
0.37%	-1.30%	-5.23%	-2.61%	-2.38%
14.34%	12.73%	16.28%	16.25%	18.60%
0.56%				
-0.41%	5.35%	15.60%	5.32%	3.34%
-5.86%	-1.74%	-1.54%	-1.90%	-1.56%
-23.53%	7.66%	4.91%	-7.08%	-5.99%
-0.99%	-1.79%	1.58%	1.27%	-0.60%
				1.34%
		-4.63%	-3.02%	-1.01%
-3.44%	1.98%	7.97%	1.99%	4.50%
1.81%	-0.57%	0.89%	-3.72%	-5.40%
-7.41%	-8.38%	-3.99%	-5.71%	0.82%
-4.86%	-7.96%	-6.25%	-2.61%	-2.86%
-14.45%	-14.06%	-6.81%	-2.17%	49.41%
-17.70%	-0.09%	-5.37%	15.33%	-0.74%
-12.53%	-5.75%	-6.97%	3.24%	-2.04%
14.36%	23.15%	11.50%	19.80%	14.16%
5.76%	14.69%	18.21%	16.04%	27.95%
12.89%	11.52%	37.16%	30.95%	33.95%
-3.75%	9.17%	5.94%	5.36%	5.47%
24.19%	29.95%	30.33%	32.82%	34.48%
45.77%	42.26%	36.37%	26.28%	47.88%
59.68%	63.52%	60.75%	67.62%	63.49%
62.81%	53.72%	53.10%	46.19%	54.74%
21.97%	13.74%	37.83%	7.19%	
41.32%	44.21%	46.32%	48.30%	
15.80%	16.43%	15.16%	20.27%	19.10%
34.91%	39.91%	36.43%	36.59%	36.30%

21.36%				
0.67%	2.58%	0.28%	-1.24%	-0.91%
16.48%	18.20%	10.30%	23.54%	24.91%
32.83%	36.12%	36.82%	33.15%	33.32%
35.30%	42.71%	36.36%	35.40%	39.77%
15.35%	21.28%	24.18%		
62.77%	63.75%	64.87%	67.45%	66.12%
32.01%	39.56%	40.78%	47.32%	43.65%
234.02%	195.86%	212.62%	232.22%	259.22%
4.94%	6.02%	11.24%	11.69%	12.29%
23.94%	37.96%	48.53%	52.35%	49.30%
1.86%	9.77%	10.46%	16.47%	14.23%
9.51%	16.97%	8.67%	13.21%	17.07%
23.71%	34.42%	31.58%	29.94%	29.45%
12.79%	12.94%	12.71%	17.57%	21.34%
-4.06%	5.22%	8.88%	6.17%	13.93%
5.21%	8.18%	5.16%	7.31%	8.69%
-3.09%	8.45%	7.75%	3.23%	9.26%
15.10%	13.49%	25.87%		
254.16%	137.20%			
5.37%				
24.60%	24.47%	18.04%	31.45%	32.22%
5.80%	8.03%	7.84%	7.21%	7.14%
24.45%	22.48%	22.65%	6.88%	18.11%
13.07%	19.84%	16.36%	18.04%	32.63%
12.75%	8.07%	10.91%	10.03%	10.51%
28.37%	30.01%	25.16%	35.75%	44.63%
66.32%	82.46%	92.69%	88.92%	95.21%
7.93%	16.37%	23.67%	26.08%	26.49%
9.87%	23.45%	27.48%	29.76%	31.72%
16.74%	21.87%	23.10%	22.20%	25.27%
50.92%	69.08%	92.13%	115.41%	92.13%
15.72%	16.49%	15.95%	14.32%	14.40%
38.68%	37.25%	35.58%	36.31%	35.48%
16.19%	20.65%	19.97%	12.82%	20.20%
39.02%				

190.27%	203.91%	167.16%	142.77%	118.13%
5.66%	13.80%	17.34%	14.99%	14.82%
58.48%	60.96%	57.57%	64.89%	96.29%
24.24%	50.81%	57.44%	45.17%	47.43%
51.42%	52.81%	48.72%	51.59%	56.37%
83.54%	102.05%	81.41%	100.22%	119.41%
157.28%	298.35%	8860.41%		
4.07%	15.83%	14.50%	14.00%	26.57%
44.26%	47.33%	48.93%	31.97%	39.36%
2.88%				
35.41%	47.55%	60.83%	65.92%	14.73%
78.68%	104.02%	89.57%	-16.86%	30.64%
0.35%	8.00%	10.85%	9.21%	6.06%
50.99%	56.37%	46.27%	42.19%	44.37%
138.71%	417.10%			11890.96%
22.16%	19.81%	13.24%	7.38%	10.47%
5.52%	2.26%			
62.46%	61.02%	64.61%	63.46%	79.93%
76.79%	86.07%	84.97%	81.13%	83.54%
-6.69%	-1.43%	15.65%		
-0.58%	6.84%	8.21%	6.35%	2.74%
-3.94%	7.84%	12.61%	8.68%	3.57%
-12.69%	-4.27%	0.77%	3.30%	1.73%
-8.77%	-4.05%	-0.04%	0.64%	3.47%
21.65%	25.27%	22.57%	24.16%	26.04%
20.03%				
13.13%	14.71%	15.20%	33.45%	20.04%
57.55%	62.33%	78.62%	86.87%	79.36%
-30.26%	-16.16%	-10.38%	-7.61%	-1.26%
-10.21%	-7.75%	-0.53%	-3.08%	-6.89%
-13.94%	-6.03%	5.36%	2.68%	-0.10%
5.86%	-1.50%	7.31%	7.74%	21.91%
8.21%	11.57%	21.21%	22.69%	16.36%
8.11%	10.69%	20.70%	30.14%	31.86%
8.49%	13.55%	12.42%	14.14%	14.69%
59.02%	122.33%	82.04%	34.34%	49.11%
-45.51%	-19.84%	15.74%	-14.81%	
21.02%	33.01%	44.93%	31.21%	37.23%
28.57%	108.20%			
19.43%	21.02%	22.09%	18.11%	11.74%
-1.27%	8.01%	17.06%	14.75%	8.99%
2.85%				
4.71%	31.92%	18.22%	7.47%	67.28%

	56.67%	66.02%	66.94%	54.78%
69.56%	105.68%	143.52%	122.38%	
12.10%	22.51%	21.35%		
16.22%	43.78%	70.77%	71.18%	52.67%
-28.75%				
1.65%	6.62%	16.01%	12.68%	5.76%
-15.90%	24.57%	46.04%	20.71%	15.69%
26.82%	52.50%	61.42%	53.03%	54.43%
-26.17%	42.11%	40.63%		
-10.74%				
47.47%	63.33%	50.05%	41.47%	34.40%
97.52%	112.73%	93.56%	46.92%	43.71%
5.19%	8.61%	14.41%	11.93%	13.33%
20.71%	66.34%	67.32%	67.90%	68.55%
-5.74%	15.64%	13.53%	9.27%	8.21%
22.01%	43.28%	45.37%	43.18%	50.11%
21.36%	42.63%	28.57%	19.34%	29.94%
26.16%	25.48%			
62.55%	81.95%	69.90%	75.47%	94.60%
4.47%	10.62%	13.46%	13.14%	17.19%
667.04%	1877.55%	22800.25%	11444.06%	4704.31%
25.69%	51.64%	50.30%	32.53%	24.12%
-11.97%	-0.13%	3.08%	3.14%	5.21%
4.44%	40.51%	81.94%	86.86%	62.14%
60.40%	178.91%	164.68%	104.94%	63.17%
2.87%	12.69%	7.96%	2.55%	3.14%
-7.99%	4.04%	5.95%	4.42%	
69.03%	109.67%	149.31%	154.15%	182.84%
22.58%	52.50%	40.80%	30.51%	34.94%
-5.43%	-1.27%	17.38%	24.78%	38.74%
5.69%	13.80%	15.08%	9.79%	20.90%
10.81%	26.79%			
103.40%	221.64%	216.13%	236.54%	208.06%
		46.76%		
19.21%	76.17%	90.63%	65.35%	63.72%
-29.41%	11.48%	-8.21%	-16.71%	-6.42%
36.73%	59.59%			
-10.17%	2.89%	7.30%	26.80%	13.59%
-26.72%	0.49%	18.93%	-5.18%	
-0.71%	13.37%	16.88%	13.07%	19.23%
-12.22%	19.70%	20.44%	60.08%	31.96%
11.09%	118.14%	89.99%	71.42%	51.54%
95.12%	151.30%	184.03%	106.79%	121.72%

	20.85%	22.23%	5.94%	30.51%
11.59%	26.29%	36.94%	37.58%	38.31%
				2.85%
15.70%	12.62%	18.28%		
-0.15%	0.59%	5.76%	4.87%	1.45%
21.48%	21.23%	19.77%	14.72%	12.77%
24.52%	26.81%	27.37%	26.69%	29.28%
24.43%	25.35%	25.14%	21.04%	22.64%
26.36%	19.20%	19.78%	18.67%	15.64%
4.12%	10.45%	8.46%	3.89%	5.04%
0.58%	8.55%	27.38%	1.47%	1.82%
-7.15%	-3.94%	-1.40%	-6.38%	-6.11%
30.41%	25.45%	24.56%	25.05%	31.77%
-2.88%	0.40%	8.32%	6.39%	5.86%
20.53%	26.54%	26.35%	30.48%	32.97%
30.15%	33.92%	35.71%	36.30%	37.57%
51.92%	59.50%	65.66%	66.40%	58.02%
5.95%	41.93%	50.55%	51.27%	31.54%
-14.33%	25.01%	77.60%	59.34%	39.09%
17.99%	27.05%	19.22%	35.61%	53.20%
16.86%	27.34%	27.22%	39.98%	46.14%
19.14%				
72.62%	68.49%	65.55%	70.37%	76.03%
24.67%	31.26%	26.72%	25.35%	25.08%
40.92%	43.57%	84.98%	115.93%	100.14%
43.95%	52.40%	57.86%	41.10%	40.33%
-28.29%	102.74%	105.73%	62.91%	
166.84%	123.27%	152.85%	227.50%	240.77%
47.25%	47.34%	46.62%	43.84%	48.09%
56.41%	63.04%	77.03%	78.61%	13.03%
19.14%	18.26%	20.01%	17.12%	20.64%
15.23%	18.08%	19.82%	17.21%	13.06%
25.46%	34.12%	40.69%	39.92%	38.66%
36.35%	33.94%	30.98%	29.65%	32.39%
24.53%	53.20%	55.30%	41.73%	47.04%
36.35%	45.95%	41.36%	51.02%	49.80%
-0.41%				
6.89%	14.33%	13.15%	3.11%	17.96%
-4.87%	-1.53%	-1.57%	-3.26%	-4.75%
-5.90%	-2.35%	-2.56%	-3.05%	-0.94%
0.29%	3.44%	5.56%	4.95%	3.67%
-9.80%	-16.97%	-11.28%	-6.74%	
16.66%	31.82%	44.55%	45.07%	37.83%
20.85%	20.93%	15.76%	20.99%	43.46%

17.15%	15.74%	12.66%	14.74%	14.91%
36.19%	60.16%	109.38%	147.54%	237.73%
24.51%	30.65%	25.27%	21.85%	23.82%
25.88%	42.28%	45.47%	50.60%	54.60%
107.21%	66.57%	80.01%	88.99%	81.53%
7.33%	13.59%	5.88%	2.63%	13.21%
20.22%	19.53%	17.50%	13.72%	13.98%
16.49%	22.60%	25.10%	26.46%	28.91%
59.84%	88.06%	87.42%	97.67%	128.87%
116.87%	75.39%	122.75%	130.63%	114.37%
5.87%	6.72%			
-2.11%	3.91%	4.47%	6.10%	5.59%
-2.34%	3.47%			
-5.85%	0.36%			
0.27%	2.20%	5.24%	7.44%	4.35%
			8.34%	5.72%
-6.65%	0.29%	0.70%	1.58%	1.90%
-3.65%	2.66%	2.13%	3.34%	2.86%
0.22%	6.07%	4.89%	6.22%	3.70%
-3.73%	5.82%	7.10%	6.27%	2.22%
3.38%	7.68%	8.66%	8.70%	8.24%
-3.91%	2.64%	2.51%	2.39%	1.17%
-4.74%	1.31%	1.47%	1.97%	1.31%
0.88%	6.95%	7.18%	5.69%	5.66%
-3.95%	2.60%	0.18%	0.43%	1.48%
-5.37%	1.76%	1.01%	2.54%	2.73%
6.11%	5.50%	7.23%	4.01%	3.96%
4.71%	4.22%	5.77%		
-3.41%	2.38%	2.58%	2.98%	3.53%
-4.05%	2.28%	2.74%	2.85%	1.05%
-1.55%	5.68%	5.21%	3.93%	2.98%
-4.02%	7.11%	6.65%	4.63%	5.25%
-0.65%	4.93%	5.00%	4.42%	2.63%
-3.72%	3.23%	3.16%	1.86%	1.41%
-1.75%				
-33.59%	13.32%	4.42%		
-4.43%	1.87%	1.95%	2.83%	2.18%
-6.30%	1.78%	2.56%	3.49%	3.24%
6.45%	10.09%	10.51%	6.95%	4.89%
-4.70%	2.03%	1.45%	2.14%	2.09%

5.28%	8.39%	6.63%	3.56%	3.45%
-3.63%	2.25%	0.86%		
-6.03%	0.13%	-0.56%	7.20%	1.12%
4.49%	12.22%	18.53%	20.90%	20.79%
2.56%	7.89%	10.23%	12.87%	11.91%
20.35%	20.40%	17.36%	18.40%	17.41%
0.58%	4.94%	6.11%	7.17%	0.30%
6.33%	0.84%	4.51%	5.77%	6.45%
12.69%	17.87%	16.54%	17.06%	10.14%
-2.00%	1.41%	1.65%		
14.74%	19.24%	15.41%	12.56%	8.16%
4.60%	10.05%	8.88%	6.73%	4.02%
-1.97%	0.57%	1.98%	5.27%	7.61%
-5.28%	-2.86%	-3.70%	-2.17%	-1.38%
0.43%	2.62%	1.84%	1.35%	0.47%
-6.38%	-5.93%	-26.11%		
-1.91%	-0.11%	-0.01%	1.03%	3.07%
2.63%	3.93%	3.03%	4.12%	4.68%
6.96%	10.48%	7.68%	5.37%	
-2.75%	0.46%	-1.41%	-21.12%	
			24.72%	23.34%
0.57%	4.08%	5.94%	9.01%	10.55%
2.33%	5.20%	4.09%	3.45%	3.81%
5.25%	9.21%	9.39%	9.35%	8.07%
0.39%	3.01%	6.25%	9.34%	9.32%
1.72%	-1.12%	-0.70%	-0.44%	-3.29%
1.62%	0.66%	-1.72%	2.46%	1.27%
9.23%	11.88%	13.08%	13.98%	14.56%
-1.71%	1.87%	2.11%	2.91%	3.33%
15.16%	19.18%	19.35%	25.89%	26.44%
11.86%	25.10%	38.54%	38.72%	33.56%
2.35%	6.26%	5.93%	7.78%	5.71%
11.96%	17.33%	9.39%	17.94%	18.31%
12.51%	13.24%			
7.53%	14.23%	17.74%	16.52%	17.24%
3.48%	5.31%	4.68%	-3.16%	-1.21%
8.83%	18.49%	22.49%	23.66%	50.93%
5.76%	8.06%	6.42%	4.96%	0.33%
14.05%	17.07%	18.71%	17.71%	16.52%
24.98%	29.18%	33.28%	32.68%	26.58%
2.35%	7.85%	9.19%	5.56%	11.92%
576.15%	466.73%	621.99%		
-22.06%				
24.80%	15.45%	-1.70%	-8.36%	-7.29%

35.73%	47.62%	112.66%		
17.37%	13.76%	14.68%	20.26%	17.77%
2.53%	2.62%	3.31%	2.86%	3.70%
809.19%	1466.33%	2090.49%	1317.09%	607.49%
275.23%	334.40%	397.80%	434.43%	287.87%
47.80%	57.66%	40.37%	57.14%	60.21%
198.08%	2991.23%		229.71%	
679.03%	318.65%	226.72%	189.38%	138.34%
12.35%	12.02%	21.90%	35.79%	35.67%
4.26%	-0.23%	6.14%	6.81%	7.32%
290.14%	460.21%	405.33%	329.71%	280.19%
40.81%	50.84%	62.25%	65.35%	70.04%
83.05%	106.79%	123.58%	138.15%	156.02%
85.16%	89.66%	78.74%	73.15%	61.59%
2.87%	15.80%	13.77%		
14.66%	111.60%			
-5.14%	4.80%	28.48%	52.56%	59.81%
95.18%	80.56%	68.27%	85.16%	104.63%
110.42%				
23.48%	41.60%	73.12%	95.32%	83.27%
48.75%				
120.16%	202.17%	161.97%	134.01%	47.15%
4.69%	5.77%	8.32%	17.89%	20.11%
115.15%	124.30%	194.37%	242.34%	286.77%
152.41%	227.35%	492.83%	449.13%	196.34%
8.91%	32.54%	31.64%	-56.07%	33.31%
138.01%	197.04%	206.36%	219.69%	184.71%
24.93%	74.73%	79.33%	59.63%	45.32%
140.53%	161.96%	183.06%	168.66%	145.19%
237.98%	297.27%	364.90%	849.07%	
4.03%	-6.69%			
40.14%	48.18%	40.93%	38.48%	38.54%
95.81%	95.91%	95.71%	95.84%	91.22%

44.38%	50.54%	60.94%	55.73%	42.66%
-82.77%	-30.42%	8.45%	-2.90%	-4.71%
268.94%	241.59%	251.70%	267.31%	292.31%
-3.98%	-0.99%	-2.50%	-3.23%	-3.68%
31.72%	43.43%	47.64%	52.90%	52.62%

4.22%	27.44%	7.47%	7.30%	7.12%
57.39%	59.94%	84.82%	90.09%	62.52%
346.69%	369.54%	333.08%	207.54%	130.79%
98.31%	120.04%	98.69%	57.08%	
116.97%				
154.11%	171.17%	198.86%	205.54%	206.47%
12.35%	11.65%	7.30%	9.22%	4.99%
17.21%	16.96%	15.50%	22.31%	35.80%
-8.14%	-12.68%	-4.41%	-5.04%	-2.03%
-11.20%	-0.95%	-4.22%	-0.34%	0.43%
			2.50%	3.43%
25.65%	21.48%	23.48%	23.96%	22.05%
47.98%	49.95%	46.62%	35.65%	52.79%
20.09%	23.92%	25.90%	25.95%	21.24%
-12.36%	-7.90%	4.41%	11.33%	-0.24%
-10.15%	-5.57%	-2.52%		

		21.27%	19.35%	29.58%
39.48%	134.80%	91.73%	43.62%	110.85%
-13.11%	-5.79%			
32.03%	31.82%	36.95%	31.85%	32.04%
27.23%	28.96%	31.10%	30.90%	29.04%
		50.88%	49.12%	42.40%
60.75%	77.13%	90.93%	106.56%	217.58%

17.16%	33.35%	31.88%	27.48%	24.17%
-4.18%	1.16%	0.94%	2.55%	2.74%
-1.28%	4.89%	4.63%	3.68%	3.49%
-6.09%	1.58%	-0.58%	0.05%	-1.98%
-10.17%	-4.77%	-5.61%	-1.07%	
13.90%	14.77%	11.80%	11.87%	12.38%
59.66%	79.65%	87.35%	97.38%	76.41%
61.81%	61.64%	55.28%	47.56%	57.30%
8.22%	46.83%	27.44%	32.34%	128.28%
-6.04%	-7.60%			
-7.81%	-5.36%	-3.72%	-6.79%	-11.92%
-2.28%	-5.66%	-3.80%	-3.21%	2.24%
141.12%	103.05%	63.15%	55.42%	51.06%
111.67%	107.29%	114.15%	134.18%	322.98%
38.09%	48.38%	61.53%	62.50%	56.63%
183.23%	213.03%	236.20%	199.24%	173.67%

159.84%	141.28%	91.33%	76.51%	
86.21%	130.54%			
35.45%	31.72%	52.05%	56.18%	44.83%
-15.32%	-13.81%			
10.06%	10.32%	8.38%	6.89%	5.47%
22.20%	17.69%	15.13%	14.78%	15.89%
26.81%	44.85%	37.49%	36.90%	38.68%
20.29%	21.86%	26.41%	36.51%	44.94%
33.90%	33.97%	30.37%	30.34%	36.73%
66.29%	98.76%	105.40%	119.96%	101.63%
246.06%	146.03%	159.43%	204.12%	138.62%
-12.29%	12.36%	10.02%	23.67%	9.93%
-7.57%	-0.18%	2.08%	3.45%	3.40%
9.74%	16.70%	17.80%	15.77%	14.92%
360.17%	326.84%	883.14%		
-4.90%	2.13%	1.97%	1.77%	2.31%
5.41%	15.38%	20.80%	23.97%	22.71%
399.66%	414.25%	592.07%	940.83%	1756.88%
571.78%	416.00%	549.72%	379.14%	178.43%
42.54%	44.29%	48.95%	64.28%	114.22%
56.74%	66.59%			
6.87%	3.52%	-12.00%	-31.51%	-21.90%
-4.61%	2.94%	13.98%	12.62%	20.50%
41.36%	39.71%	50.01%	63.76%	73.50%
-4.47%	21.20%	20.04%	-5.70%	-2.02%
29.41%	16.28%	16.26%	9.25%	3.72%
-4.04%	1.23%	4.13%	2.47%	0.91%
4.01%	2.90%	3.71%	11.12%	8.52%
69.88%	66.46%	62.80%	61.63%	57.98%
10.68%	15.31%	17.54%	16.65%	17.31%
20.69%	21.54%	23.68%	24.34%	22.00%
11.10%	10.10%	8.37%	9.67%	6.26%
15.51%	50.24%	16.97%	39.56%	26.64%
14.53%	17.80%	17.14%	13.34%	13.32%
48.47%	36.52%	16.67%	6.71%	9.43%
174.67%	373.54%	584.83%		
46.89%	30.82%	67.46%	73.28%	90.42%
38.51%	37.85%	29.54%	22.51%	19.39%
45.16%	58.48%	83.70%	95.33%	111.38%
10.97%	16.13%	14.49%	16.27%	
-5.24%	1.20%	1.35%	2.01%	1.60%
-2.95%	2.69%	3.06%	3.54%	3.64%
-0.30%	4.57%	7.66%	7.30%	7.26%
1.30%	4.33%	5.85%	7.09%	8.39%
13.35%	20.54%	20.76%	23.65%	19.60%
48.41%	47.41%	54.98%	39.42%	34.98%
30.67%	29.29%	25.47%	33.03%	
397.81%	383.40%	760.97%	1073.54%	6189.14%

61.17%	76.07%	70.05%		
	-0.57%	-0.98%	-6.87%	-4.03%
	0.58%	0.72%	-26.36%	-2.83%
	2.21%	7.54%	10.11%	9.47%
	41.59%	34.56%	25.10%	26.44%
1712.96%	9014.18%	10998.56%		
	5.94%	9.24%	6.93%	3.02%
	4.28%	9.10%	-0.07%	0.13%
	11.37%	10.62%	8.29%	8.11%
	24.23%	7.30%	13.56%	15.49%
107.32%	142.97%	152.08%		133.47%
26.14%	35.65%	45.48%		52.98%
64.92%	26.24%	-8.92%		-9.21%
	0.30%			
	26.93%	31.70%		31.72%
	18.29%	16.17%		2.89%
	9.60%	16.74%		6.89%
	30.23%	26.57%		22.22%
	25.85%	27.48%		20.60%
	-17.16%			
	22.43%	19.36%		22.55%
	26.29%	30.16%		28.79%
	0.62%	0.96%		0.32%
	21.78%	23.32%		24.01%
	24.80%	29.94%		30.74%
	526.02%	513.84%		333.24%
	54.16%	54.92%		66.48%
		-10.73%		-24.70%
		42.93%		88.13%
		101.06%		74.69%
		19.18%		24.76%
		62.34%		60.08%
		12.62%		4.07%
		87.83%		55.98%
		21.54%		30.94%
		12.48%		13.21%
		30.71%		28.84%
		35.27%		41.49%
		26.05%		25.71%
		17.36%		18.26%
		37.68%		49.37%
				5.01%
				67.30%
				78.79%
				6.32%
				27.76%
				1.65%
				41.48%
				54.00%

26.69%
122.50%
67.08%
46.15%
49.92%

2014	2015	2016	2017	2018
28.98%	31.36%	18.68%	23.82%	
-2.89%	-3.67%	-12.46%	-0.98%	-5.41%
-4.56%	-38.71%	-18.24%	4.72%	6.63%
-0.60%	-26.24%	-11.29%		
-0.33%	-75.88%	-38.13%	2.58%	
-0.22%	-26.00%	-12.55%	-18.56%	-4.40%
12.42%	4.08%	1.12%	2.60%	9.11%
-14.48%	-29.77%	-12.11%	-10.02%	-0.40%
-2.54%	-12.58%	-35.48%	-42.32%	-9.07%
-14.25%	-88.25%	-10.75%	-8.86%	-5.54%
21.15%	13.25%	2.61%	1.21%	3.34%
5.82%	-2.07%	-25.03%		
-5.56%	-14.81%	-18.70%	-15.41%	-6.07%
4.85%	-62.67%	-26.15%	-4.84%	-2.40%
-5.78%				
0.40%	-0.05%	-4.34%		
-5.08%				
1.13%	-11.18%	-14.83%	-9.74%	3.64%
-5.46%	-13.17%			
0.41%	-23.55%	-12.52%	-5.59%	1.51%
-2.31%	8.19%	10.54%	10.62%	6.02%
3.03%	-1.76%	-3.14%	-0.10%	-1.89%
-1.91%	-0.92%	-1.95%	0.40%	-1.19%
-2.06%	-1.95%	-3.34%	-1.89%	-1.13%
14.84%	11.79%	4.42%	2.66%	-2.49%
28.63%	28.66%	30.20%	33.31%	28.64%
39.46%	42.72%			
10.42%	21.04%	30.79%	38.82%	47.65%
31.47%	30.53%	26.60%	36.67%	48.27%
20.83%	26.11%	32.06%	35.47%	31.56%
69.30%	74.05%	82.14%	71.25%	52.19%
60.49%	51.70%	-24.64%	52.07%	32.09%
34.25%	36.27%	37.83%	83.62%	176.96%

4.15%	3.56%	1.06%	-1.23%	3.31%
25.90%	24.25%	37.06%	58.16%	37.59%
28.58%	28.08%	26.86%	47.85%	40.62%
44.15%	53.66%	58.96%	30.56%	76.23%
72.09%	85.02%	117.84%	42.69%	112.04%
39.46%	31.40%	34.80%	32.20%	33.60%
153.69%				
16.90%	21.68%	27.92%	37.03%	
52.25%	46.43%	46.98%	20.26%	48.49%
12.79%	25.11%	24.38%	18.89%	17.47%
18.60%	22.13%	24.67%	25.03%	29.21%
29.90%	33.12%	35.50%	31.14%	35.47%
20.98%	31.67%	26.04%	24.34%	24.33%
10.13%	10.86%	9.53%	10.35%	11.42%
9.61%				
37.50%	53.08%	59.45%	96.73%	89.10%
5.50%	7.61%	8.48%	8.28%	7.39%
-1.51%				
59.36%				
9.87%	9.88%	8.62%	4.48%	3.58%
48.47%	50.83%	40.91%	28.77%	31.00%
120.75%	129.61%	130.44%	77.27%	130.62%
32.48%	36.66%	45.49%	33.22%	30.16%
31.98%	27.74%	33.93%	35.05%	33.06%
26.15%				
81.94%	31.33%	53.42%	15.40%	53.80%
10.50%	-2.53%	3.33%	6.01%	12.60%
41.47%	42.37%	64.01%	52.63%	50.62%
22.36%	25.17%	25.46%	19.67%	22.44%

383.80%	457.87%	304.89%	121.95%	165.30%
12.01%	7.30%	17.72%		
145.29%	186.10%	189.51%	27.84%	145.55%
24.00%	60.98%	84.25%	4.14%	32.24%
55.30%	53.88%	56.92%	46.62%	55.07%
183.59%				
				133.02%
16.89%	21.13%	18.07%	17.47%	13.88%
22.56%	26.98%	22.51%	6.04%	34.33%
15.93%	28.71%	35.04%	6.14%	32.93%
12.53%	13.00%	18.99%	10.13%	13.69%
44.68%	51.67%	56.33%	58.40%	62.41%
10694.40%	899.92%	558.80%	582.31%	
9.06%				
82.16%	75.30%	87.38%	27.91%	102.94%
78.08%	74.27%	76.63%	81.71%	65.54%
1.77%	-3.32%	-9.93%	-11.84%	-7.40%
-1.01%	-8.62%	-13.64%	-14.08%	-6.89%
5.51%	7.69%	-0.89%	-7.80%	-1.93%
25.04%	7.74%	13.42%	5.18%	0.80%
27.80%	31.54%	32.81%	15.82%	21.98%
31.22%	42.60%	44.29%	24.24%	19.55%
62.31%	34.52%	36.47%	46.71%	52.57%
-8.71%				
0.55%	1.39%	1.93%	5.49%	14.62%
57.28%	28.01%	38.86%	41.25%	39.23%
13.50%	19.29%	17.95%	22.88%	22.72%
36.54%	43.29%	50.08%	52.10%	49.13%
14.50%	14.01%	16.76%	10.63%	10.20%
33.50%	51.34%	40.98%	9.95%	31.85%
50.53%	55.61%	62.43%	43.75%	61.37%
10.99%	3.30%	-12.69%	-14.39%	-8.80%
5.29%	10.01%	8.37%	5.20%	13.08%
62.99%	30.73%			

57.41%	47.85%	66.85%	57.22%	49.84%
56.64%	68.20%	45.56%	32.20%	28.66%
4.07%	4.37%	-1.47%	4.34%	15.01%
27.06%	34.73%	39.68%	70.07%	51.27%
46.79%	37.66%			
47.15%	75.20%	45.54%	263.89%	121.40%
44.15%	39.73%	38.17%		
7.62%	2.44%	1.07%	1.28%	2.79%
60.56%	62.56%	66.56%	28.39%	30.93%
8.45%	11.67%	-6.46%	24.06%	24.65%
42.68%	46.20%	37.59%	32.71%	39.80%
19.95%	10.21%	28.86%	7.19%	78.64%
72.68%	81.84%	94.73%	93.93%	-8.21%
17.77%				
6108.08%				240.44%
25.93%	23.70%	24.09%	10.13%	32.14%
83.51%	119.91%	274.79%	173.62%	130.25%
65.04%				
0.01%	-1.15%	-0.67%	-0.93%	-2.01%
199.83%	177.02%	151.85%	91.10%	-33.80%
54.31%	60.58%	70.21%	73.33%	98.22%
49.57%	33.49%	57.11%	77.29%	66.54%
13.53%	11.83%	13.11%	8.11%	10.45%
170.22%	170.73%	233.44%	29.76%	107.26%
				43.58%
73.10%	96.37%	98.08%	157.35%	607.08%
22.50%	14.76%	-10.16%	19.26%	49.72%
16.30%	22.27%	21.88%		
			6.36%	36.05%
22.90%	21.25%	19.92%	20.93%	27.60%
72.11%				
133.39%	125.37%	119.43%		

35.58%	34.97%			
39.98%	44.98%	42.38%	47.17%	23.68%
1.22%	10.77%	4.07%	6.95%	-1.79%
0.11%	2.27%	6.01%	4.63%	2.34%
10.62%	16.27%	18.33%	23.71%	28.99%
29.81%	30.79%	30.99%	28.20%	25.65%
23.22%	28.90%	32.56%	22.74%	16.25%
10.85%	14.60%	16.36%	21.87%	
1.99%	2.31%	5.26%	11.83%	8.54%
-6.38%	-0.43%	-2.80%	1.15%	-3.05%
-2.68%	-0.97%			
33.65%	34.96%	29.69%	42.40%	50.75%
3.75%	9.33%	6.92%	8.44%	10.78%
34.16%	39.60%	45.54%	11.08%	32.79%
36.17%	80.33%	181.51%	60.84%	31.76%
55.64%	54.35%	56.59%	6.89%	65.16%
32.20%	21.90%	39.77%	55.40%	15.31%
40.59%	40.41%	56.63%	73.04%	55.07%
39.09%	45.48%	47.07%	48.51%	67.11%
46.64%	51.17%	56.06%	49.75%	53.46%
89.25%	119.59%	122.43%	39.25%	68.00%
26.64%	21.14%	19.79%	25.38%	50.69%
117.08%	218.99%	435.94%	225.16%	169.02%
37.94%	43.66%	40.43%	36.63%	33.63%
190.02%	156.31%	138.28%	50.70%	74.95%
45.76%	49.32%			
94.39%	85.13%	99.11%		
16.81%	23.24%	40.49%	41.22%	30.09%
15.23%	20.76%	28.28%	19.40%	50.58%
38.46%	25.43%	29.04%	36.64%	42.47%
30.41%	30.28%	36.13%	27.84%	28.87%
48.48%	59.17%			174.41%
26.11%	20.63%	22.22%	-25.47%	-18.73%
17.19%	20.93%	12.82%	23.81%	16.11%
-6.14%	-1.55%	-0.73%	-1.00%	-0.56%
0.52%	8.82%	7.03%	6.93%	2.37%
-2.54%	0.67%	6.86%	14.52%	3.62%
30.13%				
26.94%	62.51%	60.19%	49.62%	41.98%

10.93%	14.77%	12.95%		
1416.26%				930.22%
11.96%				
			305.85%	110.00%
109.64%	558.15%			
113.63%	136.86%	105.81%	77.36%	77.25%
0.48%	7.79%	6.82%	11.72%	8.87%
10.83%	12.04%	11.68%	6.76%	7.13%
30.89%	32.71%	35.76%	34.90%	40.99%
189.13%	233.39%	376.23%	212.92%	
124.35%	259.75%	533.62%	295.55%	152.05%
2.90%	4.10%	3.40%	5.39%	1.74%
4.59%	3.67%	2.95%	4.02%	2.06%
5.91%	4.74%	2.00%	3.96%	2.91%
1.81%	1.82%	2.36%	3.72%	1.00%
1.90%	2.20%	5.65%	4.01%	0.54%
10.49%	19.25%	6.44%	8.32%	2.14%
-5.10%	3.10%	2.55%	2.08%	2.45%
10.62%	14.31%	13.72%	16.31%	16.42%
0.69%	1.49%			
0.78%	1.43%	1.25%	2.72%	0.31%
5.69%	4.88%	5.07%	3.76%	4.23%
-2.14%	1.22%	17.65%	6.95%	3.47%
1.16%	2.08%	1.89%	3.52%	0.32%
4.14%	1.13%	2.21%	3.04%	3.57%
2.99%	2.88%	2.80%	4.12%	1.55%
1.28%	1.57%	2.27%	2.02%	6.72%
4.22%	3.19%	3.06%	4.92%	2.71%
3.20%	3.27%	4.57%	5.04%	2.70%
2.90%	6.69%	9.29%	3.20%	2.37%
2.05%	2.50%	0.83%	6.31%	-0.90%
1.44%	2.15%	1.79%	3.81%	0.31%
2.58%	1.07%	2.11%	3.18%	3.47%
5.00%	5.62%	4.54%	4.80%	0.91%
1.80%	2.59%	0.10%	2.69%	2.47%

1.89%	3.02%	2.05%	1.31%	1.26%
0.71%	1.43%	1.20%	2.82%	0.28%
21.70%	20.53%	18.88%	19.17%	24.45%
12.09%	12.45%	12.44%	10.67%	11.90%
14.42%	14.24%	18.83%	12.23%	
-0.09%	-1.38%	10.07%	8.87%	10.62%
7.12%	9.31%	9.61%	10.11%	11.77%
10.06%	11.46%	14.58%		
10.08%	12.24%	9.87%	11.32%	16.64%
6.43%	7.79%	2.87%	4.32%	5.26%
9.99%	14.32%	17.93%	19.90%	25.07%
-0.02%	2.57%	4.69%	5.03%	1.20%
1.62%	3.57%	4.82%	3.43%	1.42%
0.98%	2.92%	2.81%	1.77%	0.46%
3.46%	3.30%	2.77%	2.72%	1.45%
20.99%	21.86%	21.89%	21.56%	19.98%
9.85%	6.28%	2.82%	4.93%	3.91%
2.37%	3.19%	1.41%	3.00%	2.32%
4.02%				
8.77%	7.98%	5.44%		
2.84%	3.48%	2.87%	0.90%	-1.37%
11.72%	11.22%	10.97%	11.59%	14.59%
1.26%	0.95%	-0.25%		
26.26%	25.17%	24.40%	24.38%	25.16%
36.32%	41.92%	39.97%	27.28%	21.23%
4.51%	2.45%	0.95%	-0.76%	1.13%
17.71%	14.33%	10.84%	10.57%	12.27%
12.18%	10.62%	6.76%		
5.44%	3.00%	5.88%	6.96%	8.20%
31.44%	38.46%	40.04%	39.10%	34.62%
6.83%	15.23%	23.05%	28.20%	20.33%
14.44%	16.90%	20.85%	16.19%	23.88%
26.69%	27.03%	37.88%	125.45%	131.04%
6.53%	6.95%	5.27%	3.98%	8.30%
-12.87%	-5.29%	-2.98%	-4.58%	5.97%

17.85%	23.04%	22.75%	18.96%	31.56%
1.70%	14.05%	17.34%	17.74%	19.52%
150.49%	70.92%	104.46%	28.09%	99.04%
415.84%	725.32%	1318.00%	544.42%	379.62%
181.89%	130.51%	134.11%	164.69%	193.06%
47.56%	55.55%	45.41%	74.90%	
156.70%	290.81%	832.76%	419.31%	
44.86%	64.99%	104.92%	72.22%	175.30%
9.08%	10.23%		29.48%	
268.36%	239.46%	306.23%	506.28%	351.80%
67.38%	75.52%	72.21%	19.16%	43.44%
159.37%	91.33%	102.34%	98.63%	141.78%
49.03%	46.08%	48.12%	23.87%	37.64%
74.64%	94.19%	93.10%	76.16%	102.43%
87.50%	-121.61%			85.47%
96.27%	93.48%	113.56%	98.54%	105.61%
34.84%	67.32%	133.57%	159.37%	197.21%
		2432.17%	406.72%	199.28%
9.89%			69.86%	40.12%
210.88%	202.11%	241.88%	163.14%	
153.67%	145.06%	155.00%	124.39%	131.74%
31.73%				
11.68%	-64.82%	-91.23%	-92.98%	-12.94%
118.53%	107.68%	78.57%	63.44%	34.83%
40.26%	41.92%	35.37%	34.69%	46.59%
82.46%	73.78%	85.95%	85.78%	95.38%

38.90%	59.77%	79.22%	20.70%	79.69%
131.54%	172.15%	149.50%	165.74%	109.97%
280.20%	237.88%	243.38%	74.96%	171.13%
-1.99%	-2.23%	-2.67%		
4.95%	8.98%			
77.91%	65.03%	49.39%	66.32%	63.52%
95.86%	96.15%	96.94%	107.76%	78.99%
205.18%	195.06%	169.87%	169.01%	133.21%
5.24%	-5.38%	17.96%	7.60%	7.49%
41.61%	50.41%	52.87%	51.65%	82.85%
1.22%	-12.09%	-14.57%	-7.37%	
-4.71%	-16.83%	-14.45%	-9.38%	-8.10%
3.36%	5.34%			
23.61%	49.26%	50.34%	42.73%	45.30%
54.73%	58.60%	77.47%	36.34%	52.29%
14.43%	9.33%	14.28%	8.35%	16.83%
3.08%	10.45%	-1.67%	-3.61%	
28.99%	25.05%	49.85%	28.70%	43.01%
107.91%	84.03%	117.41%	58.66%	118.00%
27.64%	9.00%			
25.91%	22.91%	20.40%	12.44%	8.29%
61.94%				
134.11%	148.52%	201.14%	123.42%	137.17%
	276.21%	160.69%	62.28%	43.54%
25.89%	35.40%	33.86%	31.84%	38.87%
-0.73%				
4.02%	4.64%	3.32%		
-0.21%	-0.74%			
14.85%	17.60%			
77.41%	50.42%	50.43%		
52.43%	36.01%	31.61%	21.95%	32.26%
-0.76%	-22.77%	-12.38%	-7.79%	2.10%
-4.72%	-8.34%	-19.29%	-12.48%	13.26%
89.62%	452.68%	552.78%	142.15%	75.29%
334.93%	304.01%	332.52%	246.93%	
50.44%	49.69%	51.13%	37.43%	49.20%
176.08%				

12.13%	6.87%	-2.00%	-7.07%	-1.48%
3.85%	9.08%			
15.13%	13.97%	8.55%	1.93%	7.40%
38.23%	39.35%	41.27%	36.70%	48.49%
39.36%	36.41%	65.33%	52.27%	28.58%
28.96%	23.97%	29.22%	47.52%	62.66%
60.30%	65.28%	76.80%	63.83%	74.47%
139.86%	213.90%	349.21%	389.76%	
5.17%	18.69%	-2.87%		
3.44%	3.19%	2.78%	5.40%	1.82%
10.74%	13.04%	15.25%	14.37%	14.79%
			344.76%	
7.13%	0.38%	-5.55%	2.06%	
20.73%	19.51%	18.17%	18.43%	25.02%
1331.89%	1187.67%	1138.78%	967.82%	1314.34%
130.21%	108.61%	122.95%		
152.09%	162.98%	228.28%	165.99%	194.04%
-23.04%	-12.18%	-1.09%	-5.66%	5.91%
12.18%	0.84%	-4.15%	3.45%	9.94%
52.17%	54.03%	38.54%	31.34%	31.16%
-0.34%	-1.99%			
-1.46%				
19.71%	2.89%	5.38%	12.80%	18.10%
50.25%	49.67%	48.62%		
20.93%	28.18%	36.04%	37.14%	39.39%
20.93%	5.93%	18.29%	8.11%	41.44%
7.77%	4.94%			
24.93%	27.44%	21.89%	33.66%	38.57%
12.71%	9.49%			
7.42%	15.13%	4.21%		
89.08%				
20.18%	21.40%	15.37%	15.87%	33.99%
104.95%	83.49%			
1.72%	0.97%	2.27%	10.00%	
3.49%	4.02%	3.66%	5.55%	1.68%
5.98%	6.01%			
7.95%	10.21%	10.65%	11.05%	13.36%
18.57%	20.82%	23.27%	27.12%	31.31%
30.35%	35.06%	42.97%	31.53%	46.33%
				2256.03%

-15.48%				
-2.96%	-72.27%	-36.36%	5.35%	
7.53%	2.03%	-9.84%	-14.97%	1.15%
33.85%	31.61%			
3.83%	3.85%	4.67%	6.83%	5.34%
0.38%	-23.52%	-0.77%	1.96%	6.71%
6.52%	6.10%	5.37%	6.65%	7.42%
9.16%	9.21%	8.87%		
131.95%	122.33%	103.73%	117.44%	126.81%
47.27%	42.25%	36.55%	47.17%	26.53%
-5.08%	-2.79%	-7.17%	3.84%	19.52%
45.46%	114.68%	14.24%	14.16%	8.33%
5.96%	4.55%	-3.09%	-2.41%	-0.69%
5.69%	5.58%	-4.36%	-5.25%	-2.42%
22.51%	26.89%	34.74%	36.58%	49.32%
4.18%				
19.49%	18.47%	29.18%	22.97%	21.39%
7.52%	42.97%	47.71%	43.83%	57.66%
3.61%	1.83%			
25.12%	26.33%	22.99%	25.63%	18.60%
38.33%	36.78%	-4.41%	6.14%	10.80%
322.28%	165.67%	79.79%	4.35%	61.09%
57.18%	60.93%	63.86%	70.33%	73.25%
37.01%				
104.45%	181.58%	251.82%	211.67%	180.84%
25.86%	31.05%	24.33%	24.94%	23.36%
123.71%	75.43%	161.41%	89.18%	104.94%
7.07%	10.16%	-5.88%	-2.14%	6.04%
44.33%	30.04%	9.72%	31.29%	42.55%
32.60%	46.24%	63.47%	92.17%	57.46%
32.70%	36.43%	46.31%	83.48%	70.98%
26.80%	28.48%	34.20%	23.47%	24.79%
20.69%	29.15%	33.87%	38.18%	38.82%
22.44%	12.17%			
12.86%				
76.32%	50.35%			
7.60%	14.23%	11.34%	9.96%	6.17%
71.89%	69.66%	54.97%	41.56%	42.74%
71.86%	52.32%	34.03%	50.40%	58.75%
12.07%	-3.17%	0.46%	-0.44%	-4.37%
22.37%	25.68%	23.20%	27.09%	39.47%
-99.40%	-80.30%	-10.01%	59.11%	215.48%
19.49%	20.98%	19.04%	30.33%	44.22%
36.68%	79.62%	222.16%	62.26%	127.44%

45.62%	59.31%	74.99%	80.60%	88.77%
138.12%	132.85%	116.77%	116.89%	72.80%
3.51%	20.11%	18.59%	21.70%	5.22%
81.15%	73.26%	133.14%	120.54%	95.33%
50.23%	53.52%	51.37%	23.42%	22.76%
1.56%	-62.88%	-20.85%	17.30%	12.55%
0.26%	2.89%	6.02%	6.33%	2.38%
27.59%	22.29%			
14.43%	11.50%	9.19%	0.19%	0.84%
215.83%				
76.10%	114.89%			
-5.82%	-1.52%	-2.00%	-0.57%	-0.64%
6.79%	47.16%	7.34%		
11.12%	11.33%	11.07%	9.85%	10.84%
14.15%	13.63%	13.68%	15.22%	12.54%
13.21%	14.62%	12.55%	11.54%	12.17%
	23.43%	25.07%	18.22%	26.13%
	5.17%	6.07%	4.45%	22.41%
	9868.76%	197.95%		
	133.87%	180.91%	217.96%	190.18%
	9.35%			
	35.07%	15.07%	7.75%	53.19%
	67.50%	60.56%	62.37%	46.70%
	-8.96%	-6.25%	-9.43%	7.39%
	86.13%	44.09%	17.31%	48.26%
	16.29%	14.87%	14.37%	18.00%
	40.96%	9.93%	9.44%	2.56%
	34.83%	8.68%	8.64%	-1.79%
	3.66%			
	24.41%	24.79%	14.47%	21.73%
	4.11%	1.80%	-0.63%	1.51%
	5.67%	4.83%	1.83%	
	956.42%	1690.29%	505.40%	299.14%
			-3.28%	37.72%
	130.15%	274.89%		
	744.96%	870.26%	125.11%	453.58%
	20.20%	18.94%	17.56%	19.48%
		-20.36%	-4.51%	-4.05%
		36.88%	38.07%	31.65%
		79.98%	29.86%	38.75%
		9.72%	0.07%	11.98%
		63.03%	51.72%	
		183.70%	162.85%	170.22%
		-13.85%	10.65%	8.00%
		53.50%	42.69%	49.19%
				617.90%
		126.22%	106.57%	113.19%
		20.70%	24.17%	15.31%

8.11%	10.86%	-1.41%
163.06%	46.19%	25.52%
3.72%	3.95%	1.37%
2.99%	5.01%	1.43%
15.81%	10.45%	10.64%
24.57%	18.85%	17.26%
13.81%	15.13%	19.05%
50.83%	63.05%	37.15%
	298.55%	295.07%
	8.48%	-1.39%
		-1.79%
	12.14%	14.03%
	-70.20%	17.97%
	37.87%	54.40%
	39.87%	47.70%
	38.03%	33.13%
	42.45%	45.93%
	0.53%	0.68%
	287.15%	302.91%
	37.61%	58.61%
	67.77%	79.20%
	300.36%	198.56%
	-0.73%	-2.50%
	7.28%	127.81%
		805.13%
		-4.04%
		868.85%
		18.08%
		9.63%
		38.64%
		128.65%
		28.98%
		20.60%
		81.70%
		98.09%
		2.68%
		36.14%
		320.54%
		103.01%
		93.54%
		97.37%
		375.85%
		86.46%
		126.66%

2006	2007	2008	2009	2010
5.35%	8.33%	17.05%	24.63%	8.52%
7.69%	3.69%	2.49%	6.51%	15.40%
42.66%	17.54%	-47.19%	11.75%	21.29%
-3.54%	-6.14%	2.87%	-1.66%	4.69%
5.25%	6.22%	13.07%	-0.80%	0.51%
10.02%	3.13%	-6.34%	-38.56%	1.08%
38.08%	29.29%	15.78%	-0.13%	
2.63%	-5.44%	-1.07%	-10.80%	-6.47%
39.91%	27.69%	31.11%	11.78%	13.37%
10.98%	10.37%	13.82%	0.21%	4.35%
7.76%	6.81%	5.70%	-5.81%	-1.35%
7.47%	8.96%	-11.42%	-10.77%	5.17%
5.81%	9.73%	5.23%	0.15%	-1.63%
36.68%	38.92%	29.38%	15.52%	8.89%
-4.27%	0.05%	-3.00%		
11.16%	10.82%	3.67%	1.07%	
10.63%	23.85%	19.57%	-5.05%	0.49%
14.73%	15.82%	11.57%		
16.52%	5.45%	4.19%	-3.59%	-5.03%
7.37%	7.90%	-27.04%	-30.79%	8.63%
15.45%	7.61%	3.36%	-4.82%	-2.10%
6.77%	12.34%			
12.24%	21.98%	20.72%		
8.67%	6.48%	4.22%	-6.44%	-1.95%
0.47%	-0.06%	0.81%	0.31%	-1.66%
14.36%	8.64%	18.93%	-6.51%	-7.95%
11.38%	5.06%	-4.62%	-7.69%	-10.14%
-4.34%	-25.22%	-30.50%	-13.47%	-13.81%
-10.90%	-32.59%	-31.13%		
-2.93%	-27.69%	-42.36%		
0.96%	-15.02%	-37.48%	-13.02%	-0.16%
-5.53%	-37.29%	-18.04%	-12.48%	-5.82%
0.21%	6.69%	14.93%	15.00%	21.43%
9.59%	3.55%	-0.61%	-0.14%	7.71%
0.13%	-0.04%	-0.90%	2.90%	-0.04%
-6.97%	-0.57%	-3.44%	-4.06%	7.38%
20.71%	17.64%	15.35%	16.70%	22.51%
20.12%	20.36%	22.21%	20.47%	24.72%
13.32%	13.46%			
13.30%	14.16%	11.60%	13.45%	17.21%
1.42%	0.95%	-0.39%	2.00%	-0.01%
13.15%	10.84%	11.22%	9.02%	6.78%
20.48%	18.49%	17.20%	21.49%	19.72%
9.41%	5.50%	2.78%	-0.95%	2.63%
18.90%	18.34%	16.36%	21.09%	25.39%
18.98%	19.00%			

2.66%	2.63%	1.10%	2.96%	
5.14%	3.38%	0.76%	0.39%	2.18%
10.60%	7.49%	9.75%	9.32%	13.06%
18.17%	22.01%	21.51%	22.15%	21.94%
31.87%	27.31%	25.37%	25.01%	19.52%
8.97%	5.91%	4.17%	6.55%	15.58%
36.46%	28.13%	22.49%	24.11%	20.53%
15.97%	16.30%	14.93%	14.73%	19.48%
20.88%	18.43%	9.70%	30.89%	20.63%
18.93%	13.86%	12.64%	20.29%	26.69%
45.13%	32.27%			
8.78%	1.60%			
10.10%	11.13%	5.34%	3.66%	7.31%
7.92%	9.90%	7.04%	6.66%	9.27%
14.84%	3.84%	-7.34%		
7.59%	4.37%	3.46%	1.39%	6.31%
15.59%	12.77%	2.81%	1.17%	8.18%
24.17%	24.00%	23.31%	23.79%	23.69%
12.10%	11.42%	10.68%	12.98%	11.46%
20.09%				
0.69%	3.82%	-2.26%	-4.70%	4.09%
5.78%	3.52%	2.09%	2.90%	5.76%
-1.75%	-1.02%	-3.77%	-6.09%	1.91%
12.24%	12.64%	12.31%	5.99%	4.02%
13.35%	14.14%	7.73%	11.13%	10.50%
8.64%				
3.70%	7.89%	-1.21%	6.11%	
43.39%	3.11%			
21.64%	23.65%	20.21%	16.43%	18.02%
1.93%	4.86%	5.68%	2.32%	6.47%
20.38%	16.04%	25.48%	15.85%	15.15%
-2.68%	-1.28%	4.63%	2.04%	1.36%
8.21%	7.84%	8.34%	7.16%	7.00%
-3.06%	0.98%			
12.57%	14.87%	20.67%	22.15%	18.51%
-0.78%	2.78%	8.79%	13.87%	25.20%
4.70%	3.44%	1.85%		
12.07%	6.94%	7.96%	2.05%	8.42%
9.01%	14.59%	8.09%	3.38%	18.80%
19.69%	19.65%			
-12.44%				
8.69%	10.23%	11.86%	13.19%	18.06%
-3.62%				
11.13%	16.26%	26.89%	39.03%	47.53%
9.66%	11.74%	16.42%	16.70%	15.47%
14.80%	-2.82%	1.73%	4.36%	9.20%
-3.23%	-3.98%	-4.83%		
10.16%	13.70%	17.11%	13.19%	18.20%
20.02%	28.93%	14.48%	12.21%	

142.12%	142.09%	140.69%	116.01%	101.26%
4.75%	6.96%	4.51%	1.71%	8.89%
21.91%	29.35%	29.06%	34.55%	36.53%
17.04%	23.72%	26.38%	4.96%	2.07%
30.90%	31.93%	31.51%	33.66%	35.11%
28.31%	15.09%	12.36%	17.13%	25.57%
23.44%	16.56%			
13.36%	13.84%	24.47%	-3.27%	10.97%
3.51%	2.83%	1.62%	6.10%	11.21%
23.55%	20.99%	25.65%	26.16%	29.94%
25.73%	25.75%	18.10%	0.56%	
14.40%	14.33%	15.06%	22.34%	15.54%
56.69%	58.41%	54.99%	48.53%	65.83%
10.10%	6.03%	-2.53%	-5.01%	2.49%
17.07%	19.79%	20.81%	25.05%	29.81%
-9.81%	28.30%	37.61%	56.73%	21.15%
8.94%	12.68%	9.94%	18.35%	12.58%
1.77%	2.37%	1.45%	-1.62%	-2.75%
22.58%	20.97%	25.60%	25.37%	26.08%
13.35%	8.89%	12.81%	11.02%	11.77%
26.32%	24.80%	24.67%		
7.48%	3.80%	0.76%	-7.08%	-0.13%
19.06%	15.66%	15.60%	-3.47%	2.47%
10.91%	8.56%	8.65%	-5.44%	4.80%
13.75%	8.54%	-0.02%	-12.35%	-3.11%
-4.48%	-0.75%	-5.15%	-10.25%	-4.40%
16.19%	14.58%	14.46%	17.99%	19.91%
6.93%	9.62%	10.86%	18.92%	
11.24%	12.15%	8.54%	9.76%	12.00%
79.91%	86.36%	86.51%	54.57%	58.36%
6.98%	-1.05%	11.74%	-29.40%	-14.07%
19.18%	20.62%	13.62%	-6.25%	-5.44%
36.03%				
25.42%	13.52%	13.50%	-12.71%	-5.57%
12.70%	8.27%	-1.22%	-1.08%	1.22%
11.41%	15.14%	13.32%	3.03%	5.63%
11.38%	19.55%	22.88%	5.17%	6.76%
6.65%	8.64%	5.98%	4.29%	10.43%
27.77%	33.60%	69.69%	36.61%	76.96%
14.30%	14.77%			
-39.40%	-22.76%	-17.92%	-27.03%	-15.35%
22.28%	19.53%	14.17%	1.74%	13.50%
30.74%	25.14%	58.66%	23.98%	86.01%
1.30%	9.59%	9.35%	0.29%	1.80%
4.02%	0.73%			
6.49%	2.80%	4.38%	-2.46%	7.10%
-4.97%	-9.02%			
5.60%	14.27%	5.82%	0.84%	
-2.60%	-11.47%	-38.14%	2.78%	24.25%

13.23%	13.89%	6.65%		1.18%
63.05%	55.78%	50.55%	34.94%	50.49%
14.51%	7.55%	11.16%	14.72%	18.57%
23.28%	19.08%	16.97%	7.21%	12.34%
-31.82%	-5.47%	1.67%	-25.17%	
11.20%	14.14%	8.29%	-0.08%	5.29%
29.33%	30.89%	9.17%	-14.85%	15.01%
9.06%	11.37%	16.56%	12.04%	22.49%
9.52%	13.01%	-13.33%	-23.95%	36.95%
-13.73%	-5.11%	-5.76%	-11.38%	
15.48%	17.62%	18.83%	17.41%	23.36%
21.09%	33.10%	35.01%	19.01%	22.22%
10.52%	13.30%	14.36%	4.92%	8.27%
9.37%	11.31%	4.94%	3.98%	11.58%
-0.26%	5.24%	7.80%	-7.01%	9.75%
7.63%	7.46%	12.37%	3.76%	18.39%
-6.04%	6.55%	0.84%	18.47%	37.47%
15.14%	15.82%	17.67%	10.55%	9.10%
45.59%	48.50%	48.74%	37.03%	49.07%
-2.23%	-1.82%	3.87%	2.47%	8.40%
111.84%	131.49%	124.21%	244.19%	300.12%
-0.96%	12.36%	15.33%	23.73%	44.62%
-6.74%	-10.71%	-7.26%	-8.47%	-0.43%
-22.43%	4.68%	-1.29%		
46.65%	73.51%	-2.33%	-1.67%	21.86%
67.70%	46.06%	85.57%	58.68%	187.18%
1.66%	3.38%	9.44%	0.20%	12.93%
-4.21%	-1.94%	-1.01%	-9.61%	3.38%
-1.86%				
104.46%	85.25%	43.98%	28.26%	18.41%
14.38%	22.27%	20.08%	21.86%	42.72%
25.71%	-16.48%	-15.51%	-5.65%	0.46%
-8.03%	-5.37%	-7.05%	-4.05%	2.75%
8.56%	-14.88%	-7.38%	1.29%	14.44%
24.01%	31.62%	41.86%	59.62%	98.71%
13.20%	24.85%	27.58%		
3.21%				
-8.96%				
24.97%	20.95%	31.78%	19.28%	71.06%
-17.12%	-20.60%	-26.41%	-28.17%	10.30%
20.73%	35.53%	29.57%	38.86%	66.31%
-46.32%				
3.76%	7.21%	-0.46%	-18.97%	2.85%
-11.03%	-38.55%	-31.05%	-22.25%	-0.77%
2.26%	-0.26%	0.59%	-7.45%	5.75%
10.92%	-25.06%	-15.42%	-11.92%	-1.17%
49.82%	5.17%	36.21%	7.34%	83.86%
82.78%	80.31%	98.37%	74.72%	106.03%
-9.04%				

9.58%	-9.01%	4.65%		5.86%
-13.76%				
12.09%	15.20%	22.32%	8.02%	22.94%
2.44%	-7.84%	-30.17%		
9.03%	13.26%	15.85%	12.17%	8.91%
19.04%	18.17%	10.97%	-4.50%	-0.28%
12.87%	14.73%	16.68%	14.53%	11.59%
39.06%	38.93%	32.14%	23.49%	25.23%
17.93%	19.57%	20.10%	20.33%	19.88%
26.39%	29.51%	32.49%	26.83%	19.37%
15.35%	16.61%	9.76%	0.28%	6.28%
-14.08%	-2.33%	-11.60%	-0.22%	7.22%
9.36%	3.65%	0.88%	-9.85%	-5.66%
20.89%	26.91%	28.49%	30.12%	24.18%
25.89%	14.09%	12.86%	-0.91%	0.06%
-6.70%	-1.25%	-0.91%	-3.01%	0.53%
26.79%	30.11%	21.76%	15.33%	17.43%
34.57%	35.60%	39.88%	36.12%	39.34%
5.82%				
14.40%	18.52%	21.88%	3.68%	24.02%
7.45%	33.77%	19.69%	-11.37%	17.34%
2.50%	3.80%	4.82%	4.00%	2.37%
14.54%	19.33%	16.45%	10.14%	18.44%
8.13%	6.45%	5.46%	6.29%	
33.08%	36.57%	38.95%	38.76%	37.21%
9.87%	22.26%	27.44%	26.04%	33.32%
25.93%	20.99%	20.62%	12.97%	18.47%
39.09%	34.46%	31.77%	29.38%	33.64%
10.54%	0.59%	-9.30%	-22.76%	62.93%
3.57%	-2.30%	-1.92%	3.02%	0.83%
23.34%	28.10%	28.99%	26.91%	24.34%
29.14%	23.54%	29.07%	28.71%	31.22%
9.10%	10.20%	12.65%	15.50%	12.25%
11.56%				
14.16%	10.56%	14.34%	9.35%	11.73%
21.95%	23.25%	25.62%	18.45%	18.68%
11.38%	21.43%	13.37%	15.23%	18.52%
18.49%	18.30%	10.29%	9.70%	23.41%
32.76%	37.06%	14.53%	24.94%	34.57%
0.92%	0.45%	-0.15%	-1.74%	
15.86%	26.08%	9.25%	4.37%	13.38%
0.15%	-0.52%	-3.13%	-5.19%	-1.84%
-4.72%	-3.99%	-6.50%	-5.84%	-3.21%
4.69%	3.47%	1.68%	1.47%	4.33%
2.22%				
-4.68%	-7.90%	-9.09%	-10.31%	-9.04%
26.51%	12.57%	13.89%	13.94%	26.21%
6.56%				
-1.67%	-1.93%	3.73%	3.86%	4.65%

7.81%	6.03%	7.90%	9.89%	6.45%
4.06%	1.51%	6.18%	2.79%	7.83%
8.21%	6.70%	11.34%	8.35%	10.34%
-5.43%	-6.26%	-1.01%	-0.66%	0.41%
0.45%				
29.72%	23.67%	18.76%	16.77%	30.74%
9.84%	10.13%	11.47%	2.70%	15.84%
43.72%	48.15%			
3.70%	2.32%	9.61%		
-3.59%	-2.24%	6.07%	2.69%	5.09%
4.75%	4.66%	10.60%	9.00%	9.94%
5.61%	5.84%			
7.13%	9.56%	15.05%	10.98%	13.13%
1.38%	-0.11%	-5.09%	2.02%	14.55%
67.15%	49.66%	58.87%	65.75%	40.27%
-0.03%	2.64%	6.45%	4.88%	7.55%
3.24%				
17.53%				
3.13%	2.67%	0.10%	-3.60%	3.26%
5.05%	5.27%	2.25%	-1.60%	3.91%
-1.57%	-1.19%	-2.86%	-6.66%	-0.52%
4.04%	-5.65%	5.29%	-4.51%	3.50%
15.64%	16.44%			
6.35%				
-6.20%	-6.66%	-0.27%	-5.65%	2.23%
0.64%	0.11%	-0.21%	-2.21%	2.52%
0.57%	2.91%	5.92%	-1.29%	3.88%
3.19%	5.44%	6.19%	-3.95%	2.46%
8.23%	8.39%	6.82%	0.16%	6.58%
3.19%	2.52%	0.33%	-3.04%	4.36%
-0.18%	1.20%	-0.19%	-3.92%	1.83%
8.74%	6.86%	4.99%	-0.29%	4.22%
7.49%	5.72%	6.03%	-1.96%	4.91%
0.89%	0.35%	-0.15%	-4.00%	2.14%
5.22%	5.80%	4.79%	-8.12%	5.49%
2.44%	3.06%	5.52%	-0.21%	4.84%
2.24%	0.81%	0.04%	-5.40%	2.79%
-0.54%	-0.34%	1.99%	-1.22%	1.88%
-0.16%	-2.82%	0.38%	-2.64%	5.84%
4.48%	5.06%	4.29%	-4.75%	5.74%
5.13%	10.11%	0.27%	0.07%	2.52%
-1.57%				
3.31%	1.73%	1.54%	-4.81%	2.33%
9.02%	9.20%	11.19%	-1.54%	
2.59%	3.34%	-6.32%	-13.63%	1.31%
-0.06%	-1.01%	-2.48%	-6.25%	-0.23%
-0.07%	1.14%	0.21%	-2.95%	2.23%
6.21%	8.07%	1.94%	1.89%	11.19%
4.36%	3.28%	1.05%	-3.96%	1.23%

8.14%	6.25%	8.40%	3.51%	8.14%
0.45%	0.61%	1.33%	-4.25%	3.86%
0.49%	-0.34%	-0.91%	-3.89%	1.71%
9.20%	8.16%	10.05%	4.70%	9.75%
7.48%	6.91%	3.32%	1.91%	6.26%
20.17%	24.28%	25.30%	20.38%	22.52%
2.80%	1.46%	-0.21%	-0.78%	3.37%
3.21%	4.75%	3.16%	1.84%	-0.10%
13.56%	14.96%	10.90%	6.47%	17.02%
5.53%	1.10%	-0.79%	-3.17%	-1.25%
8.04%	6.91%			
27.02%	27.71%	24.22%	2.49%	11.15%
4.82%	4.07%	3.40%	3.08%	5.59%
1.87%	-0.48%	-2.27%	-2.85%	0.50%
-0.70%	-1.31%	-3.50%	-5.92%	-3.57%
2.38%	2.07%	0.30%	0.97%	3.25%
-0.09%	-3.08%	-7.03%	-6.54%	-7.07%
-1.27%	-0.77%	-0.15%	-1.73%	-0.37%
1.61%	1.09%	1.98%	1.78%	4.01%
-1.47%	2.18%	4.94%	7.63%	10.82%
2.97%	5.34%	0.40%	-3.03%	0.09%
-1.56%				
-2.81%	-0.64%	-1.05%	-1.02%	2.87%
-3.27%	-6.26%			
5.88%	3.86%	1.96%	1.94%	4.70%
1.01%	5.54%	2.52%	4.91%	8.94%
2.31%	-3.50%	-3.31%	0.90%	1.55%
1.12%	-2.21%	0.85%	-0.16%	-1.96%
0.25%	-3.59%	1.63%	2.35%	-1.24%
9.51%	9.07%	7.50%	9.36%	10.60%
0.31%	2.46%	-2.35%	-0.27%	1.43%
4.46%	5.13%	7.88%	12.67%	17.00%
5.40%	-2.35%	0.90%	6.25%	13.72%
6.40%	9.44%	2.01%	0.72%	6.30%
-0.67%	2.92%	7.07%	10.14%	18.85%
1.30%	9.67%	9.03%	12.96%	13.94%
10.73%	8.04%	-0.43%	6.08%	12.84%
-4.94%	-23.69%			
9.12%	6.38%	0.26%	1.09%	2.09%
-6.57%	3.91%			
6.24%	6.88%	2.69%	6.68%	14.95%
4.60%	6.51%	3.58%	1.60%	4.76%
6.67%	9.77%	10.85%	12.80%	14.29%
13.40%	12.18%	15.78%	20.43%	19.59%
0.64%	-2.95%	3.99%	1.15%	4.69%
20.39%				
106.58%	159.36%	138.57%	57.81%	50.44%
7.48%	2.45%	-11.90%	-10.46%	
-3.41%	-2.27%	3.44%	20.43%	10.41%

3.62%	2.79%	7.14%	6.97%	12.79%
0.73%	5.18%	2.37%	3.03%	1.87%
0.41%	1.97%	-0.33%	2.51%	1.24%
249.78%	196.80%	204.83%	160.64%	166.34%
115.82%	136.63%	97.55%	88.61%	103.29%
184.58%	192.06%	139.63%	117.61%	202.22%
92.26%	105.84%	62.60%	105.72%	101.26%
33.84%	32.47%	-0.56%	46.33%	43.79%
63.19%	61.28%	25.44%	15.83%	71.91%
27.07%	26.19%	8.73%	9.74%	29.55%
15.56%	13.52%	12.28%	10.57%	13.25%
11.03%	13.62%	3.97%	-0.02%	11.06%
0.82%	0.60%	1.97%	-2.31%	-0.98%
3.62%				
34.38%	88.02%	89.08%	89.09%	71.22%
20.20%	21.60%	30.95%	33.57%	37.92%
-0.80%	-14.37%			
6.29%				
88.14%	67.53%	52.00%	46.91%	56.12%
-23.04%	-3.14%			
14.10%	6.15%	5.86%	1.64%	7.34%
100.46%	67.54%	56.58%	66.90%	76.81%
-2.23%	4.66%	7.21%	-1.05%	9.55%
-20.83%	-12.03%	-9.78%	10.52%	24.36%
29.84%	40.26%	37.81%	-4.35%	5.56%
-4.62%	-3.98%	11.10%	18.47%	21.03%
-8.61%	-6.88%	22.85%	54.64%	104.61%
-3.46%	10.56%	28.09%	20.32%	29.49%
24.10%	19.67%	23.16%	16.45%	
57.05%	65.04%	89.53%	30.70%	41.01%
40.22%	24.79%	19.41%	15.65%	15.88%
-3.01%	1.16%	15.25%	1.42%	2.91%
-3.60%	38.65%	43.57%	40.02%	33.42%
68.41%	76.51%	77.04%	59.35%	60.39%
-0.26%	-3.23%	5.46%	-1.62%	24.40%
34.73%	76.78%	73.46%	45.57%	92.74%
7.06%				
10.77%				
108.08%	117.26%	91.74%	8.35%	37.17%
161.67%	124.30%	139.41%	100.02%	117.03%
28.65%	35.20%	53.59%	65.64%	79.00%
24.13%	22.19%	22.89%	-1.01%	-15.27%
33.29%	12.40%	10.66%	15.75%	18.54%
3.11%				
35.05%	33.53%	29.73%	30.36%	39.47%
-5.27%	5.64%			
-49.99%				
31.43%	28.73%	33.39%	42.31%	46.20%
13.90%	25.63%	23.59%		

30.87%	28.02%	12.06%	10.96%	22.00%
-18.23%	-41.06%	-50.08%	-67.07%	-25.00%
36.06%	36.96%	37.19%	42.35%	55.73%
0.00%	-1.23%	0.33%	-3.78%	-2.01%
35.66%	36.04%	24.55%	20.42%	31.68%
0.30%	0.66%			
8.65%				
-0.78%				
4.38%	2.42%	-0.80%	2.42%	2.23%
57.73%	43.61%	34.35%	33.00%	30.55%
34.88%	38.22%	30.89%	21.34%	19.30%
90.95%	71.62%	62.79%	74.32%	71.34%
32.35%	32.52%	39.40%	41.33%	
116.24%	116.55%	107.02%	94.62%	105.77%
24.38%	26.14%	18.81%	4.89%	7.33%
19.82%	22.44%	16.69%	15.22%	18.86%
	3.11%	4.66%	-8.54%	-14.56%
	8.62%	6.49%	-14.09%	-2.23%
	22.01%	20.92%		
	19.87%	34.56%	20.84%	15.68%
	5.87%	5.43%	6.56%	6.81%
	12.01%	9.00%	13.81%	19.67%
	3.26%	-5.20%	-11.07%	-8.18%
	9.26%	1.27%	-9.85%	-5.03%
	17.54%	6.49%		
	3.32%	8.68%		
	23.62%	25.72%	24.06%	50.53%
	68.82%	47.88%	-14.80%	-8.17%
	40.67%	37.35%	29.15%	23.45%
	26.45%	28.68%	22.68%	29.55%
	16.50%	16.31%		
	49.28%	48.45%	51.51%	64.24%
	18.70%	20.09%	34.63%	46.17%
	21.51%	21.90%	14.36%	30.83%
	2.97%	-2.17%	-4.41%	4.31%
	2.79%	2.40%	-2.45%	3.75%
	1.70%	4.51%	-3.42%	5.47%
	15.51%	4.59%	-10.52%	-7.04%
	14.66%	11.90%	8.51%	11.40%
	80.10%	44.80%	48.05%	58.01%
	46.96%	58.44%	55.57%	55.38%
	7.82%	-6.25%	-2.09%	11.08%
		2.94%	-6.38%	-9.79%
		-2.77%	-8.94%	-3.12%
		1.99%	-1.00%	-4.81%
		4.31%	2.41%	4.26%
		8.01%	9.47%	9.54%
		27.53%	26.89%	32.80%
		246.41%	159.81%	181.15%

0.19%	-0.94%	4.70%
13.04%	18.70%	22.22%
62.55%	31.95%	23.81%
-11.10%	-14.17%	-15.34%
10.68%	6.14%	6.83%
15.79%	17.98%	15.40%
30.25%	21.93%	38.27%
25.77%	17.44%	19.52%
20.32%	20.92%	25.69%
57.25%	48.60%	76.48%
122.40%	43.04%	37.74%
14.88%	-11.03%	15.29%
-2.08%	-6.31%	-0.16%
3.30%	3.87%	11.75%
48.84%	40.97%	39.70%
7.04%	-1.55%	2.79%
19.53%	5.48%	14.87%
225.08%	231.09%	219.77%
93.84%	78.30%	62.69%
24.13%	18.29%	17.04%
22.11%	19.76%	29.97%
-11.97%	1.84%	-1.84%
-2.96%	-4.89%	2.57%
38.97%	33.23%	31.98%
	-3.42%	17.21%
	26.46%	12.93%
	-6.62%	1.89%
	1.79%	1.38%
	56.62%	58.61%
	7.53%	13.01%
	22.31%	21.62%
	9.88%	8.33%
	15.03%	47.58%
	9.45%	15.80%
	43.72%	31.33%
	13.42%	16.10%
	7.08%	-1.69%
	32.93%	27.36%
	0.21%	2.30%
	1.85%	4.63%
	-5.06%	2.12%
	-4.24%	2.30%
	-1.96%	2.16%
	2.45%	6.41%
	11.65%	16.57%
	9.49%	17.13%
	18.70%	29.78%
	23.26%	22.62%
	105.83%	164.56%

32.46%

35.79%

0.54%

2.53%

2.74%

21.64%

38.77%

5.64%

2.19%

11.91%

21.96%

95.43%

14.30%

64.04%

Adjusted ROIC minus COC				
2011	2012	2013	2014	2015
12.16%	20.56%	15.84%	19.04%	19.30%
-5.89%	2.34%	-29.10%	-4.12%	-5.95%
21.53%	8.71%	2.88%	-6.63%	-40.53%
2.50%	-2.66%	-9.68%		
-0.59%	1.76%	-0.32%	-2.94%	-32.59%
-0.14%	-12.21%	-1.01%	1.43%	-84.43%
-5.57%	-5.59%	-1.80%	-3.08%	-29.41%
17.97%	14.20%	11.80%	8.40%	1.90%
10.21%	2.72%	2.17%	-16.23%	-31.25%
-1.43%	-2.78%	0.80%	-3.10%	-16.22%
5.48%	-2.70%	-2.41%	-12.31%	-88.34%
-5.34%	-2.79%	-2.63%		
11.27%	11.77%	13.96%	15.56%	8.18%
6.35%	2.27%	1.84%	3.69%	-8.51%
-3.56%	-3.79%	-2.87%	-5.85%	-16.75%
12.29%	-8.12%	-6.14%	7.40%	-72.70%
0.33%	-1.27%	-2.50%	-8.79%	
		1.00%	-0.49%	-0.56%
-5.52%	-3.33%	-1.28%	-5.29%	
4.46%	0.64%	2.37%	-1.30%	-14.28%
-0.86%	-4.36%	-6.08%	-6.02%	-14.08%
-1.55%	-4.44%	4.27%	6.44%	-32.63%
-9.46%	-6.64%	-6.63%	-5.34%	0.91%
-6.96%	-2.55%	3.53%	6.95%	3.01%
-5.43%	-1.66%	1.32%	-1.70%	-0.90%
-7.03%	-3.55%	-0.05%	-1.28%	-2.16%
10.26%	21.27%	12.47%	15.65%	10.61%
7.58%	6.72%	9.89%	9.62%	12.96%
1.66%	1.64%	3.05%	5.81%	5.49%
5.41%	5.56%	3.67%	1.77%	4.77%
25.51%	26.06%	26.40%	24.26%	21.46%
18.61%	9.21%	27.33%	4.57%	8.92%
13.21%	13.67%	13.17%	13.21%	15.79%
-0.05%	-0.96%	-2.02%	-0.64%	-1.38%
3.83%	1.24%			
15.76%	18.19%			1.14%
0.99%	4.45%	3.94%		
23.73%	22.39%	20.07%	20.37%	21.37%

1.99%	-1.37%	-0.83%	2.19%	1.57%
2.48%	9.49%	4.98%	5.55%	5.28%
21.53%	19.09%	14.88%	13.29%	12.02%
12.73%	10.21%	11.39%	12.31%	16.77%
12.24%				
18.02%	18.57%	17.85%	17.23%	19.91%
20.37%	22.63%	21.31%	21.80%	17.92%
17.40%	19.53%	28.35%	22.16%	26.04%
26.27%	28.40%	43.42%	21.96%	-8.47%

9.29%	10.53%	9.15%	10.10%	11.75%
11.84%	9.93%	10.84%	13.10%	15.20%

5.09%	7.73%	3.97%	5.68%	15.93%
3.08%	6.45%	9.69%	9.68%	15.53%
24.00%	21.62%	20.63%	20.69%	23.03%
13.73%	15.77%	16.08%	14.70%	20.16%

5.63%	2.43%	6.94%	2.41%	5.69%
3.32%	4.27%	5.08%		
1.22%	-1.03%	2.38%	2.00%	
10.05%				

12.65%	22.05%	24.82%	26.96%	38.80%
7.27%	4.88%	4.31%	3.99%	5.19%
11.28%	2.35%	8.82%	7.67%	
-0.49%	-3.45%	-1.34%	-8.38%	-6.46%
7.95%	9.71%	8.39%	6.81%	7.04%

4.18%	4.90%	6.61%	6.54%	8.33%
35.21%	29.32%	22.75%	28.25%	41.58%

11.74%	11.25%	15.04%	13.21%	13.52%
21.30%	23.05%	23.81%	25.49%	21.11%

18.73%	18.40%	18.21%	18.40%	
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52.50%	20.22%	12.43%	24.90%	12.72%
15.12%	11.69%	9.24%	6.13%	-3.92%
7.57%	9.84%	11.76%	11.04%	9.42%

20.89%	11.06%	19.54%	22.78%	21.31%
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91.27%	27.05%	14.21%	72.71%	113.75%
7.35%	5.32%	5.60%	4.77%	1.84%
32.51%	36.81%	26.70%	20.98%	27.96%
3.54%	6.92%	7.82%	-4.68%	8.87%
30.60%	30.26%	33.95%	32.12%	33.66%
28.25%	34.40%	38.13%	52.75%	
9.29%	13.58%	14.41%	12.14%	12.64%
11.33%	5.94%	14.82%	4.83%	6.60%
21.85%	15.79%	22.47%	10.75%	8.24%
22.49%	24.82%	2.26%	5.60%	10.98%
28.55%	-12.78%	-0.85%		
2.59%	1.00%	1.60%	7.00%	7.10%
25.32%	19.73%	21.67%	20.85%	24.11%
21.79%	36.38%	26.74%	32.90%	14.22%
8.69%	3.29%	5.40%	7.01%	
23.22%	19.69%	21.99%	23.65%	20.29%
11.53%	11.73%	13.01%	12.94%	11.64%
-4.26%				
4.39%	4.33%	0.54%	0.36%	-5.04%
9.51%	6.86%	2.63%	-1.49%	-9.57%
0.29%	3.81%	0.96%	3.65%	4.61%
-1.18%	0.29%	2.45%	3.25%	7.27%
18.26%	19.77%	23.08%	23.95%	28.09%
1.88%	3.72%	7.68%	17.72%	19.69%
77.85%	83.05%	72.82%	55.45%	27.54%
-11.27%	-7.26%	-6.39%		
-0.87%	-4.92%	-5.93%	-8.61%	
2.70%	-0.13%	-1.31%	-0.77%	-1.66%
-0.56%	5.05%	15.77%	21.40%	27.01%
14.02%	14.10%	10.25%	6.23%	12.99%
16.46%	26.11%	26.14%	29.12%	33.98%
9.57%	10.38%	10.18%	10.29%	8.21%
42.15%	12.60%	31.99%	20.35%	32.86%
-2.67%	-14.23%			
17.89%	14.75%	15.75%	22.34%	23.38%
1.87%	4.58%	0.67%	-0.37%	-3.78%
15.65%	13.51%	7.81%	3.41%	6.51%
14.10%	6.31%	54.03%	43.10%	19.20%

2.78%	5.01%	2.14%	0.92%	3.29%
66.76%	29.04%			
19.22%				
11.19%	10.74%	9.23%	8.14%	11.79%
11.25%	8.69%	3.00%	0.43%	0.56%
37.86%	13.37%	6.58%	14.82%	20.85%
28.16%	23.93%	25.88%	19.09%	16.14%
34.55%				
16.20%	11.47%	12.09%	16.69%	22.97%
30.72%	13.94%	17.88%	20.27%	20.89%
10.98%	9.19%	9.70%	3.68%	0.79%
6.71%	5.43%	5.18%	5.96%	9.64%
7.66%	3.73%	8.00%	2.22%	8.93%
16.84%	12.99%	15.11%	9.76%	11.10%
20.73%	11.34%	21.66%	17.05%	1.85%
41.88%	49.33%	63.93%	39.91%	54.64%
12.12%	9.87%	13.23%	11.72%	
301.70%	271.34%	165.12%	156.23%	183.98%
39.88%	20.41%	14.09%	16.77%	14.91%
2.75%	2.38%	1.53%		
37.32%	36.73%	25.35%	39.75%	55.85%
168.24%	106.77%	59.16%	56.50%	
8.53%	2.53%	3.87%	3.88%	-1.51%
7.26%	4.36%			
58.97%	65.96%	82.95%	90.89%	72.99%
22.12%	12.43%	15.66%	25.83%	32.46%
13.89%	32.21%	29.05%	25.30%	40.95%
-1.49%	1.36%	8.97%	3.73%	1.20%
73.98%	54.46%	94.01%	94.16%	86.93%
29.59%				
84.44%	57.83%	54.43%	34.94%	38.30%
-7.22%	-16.40%	-6.75%	20.36%	13.35%
5.40%	15.92%	13.89%	16.11%	13.63%
17.69%	-8.11%			
7.54%	2.52%	3.23%	3.89%	4.14%
-1.32%	8.53%	9.86%		
57.69%	24.43%	17.36%	36.13%	
134.17%	81.52%	84.73%	90.57%	99.60%

6.82%	1.00%	15.28%	14.51%	16.87%
31.13%	33.77%	30.08%	30.73%	32.95%
		4.25%	-1.33%	4.91%
10.94%				
4.72%	5.97%	1.39%	-2.11%	0.37%
10.88%	7.12%	8.34%	6.68%	12.24%
30.01%	29.91%	28.98%	27.01%	27.62%
19.12%	10.20%	8.09%	6.91%	9.95%
19.97%	19.39%	14.90%	10.70%	11.27%
6.82%	1.78%	3.08%	-1.46%	-1.90%
7.50%	2.84%	0.44%	-6.06%	1.08%
-2.83%	-7.13%	-5.64%	-4.04%	-2.21%
19.23%	29.14%	25.32%	22.41%	18.14%
9.49%	6.33%	4.98%	0.64%	6.46%
1.37%	1.58%	2.38%	-0.43%	1.24%
20.41%	20.35%	20.99%	22.35%	8.10%
45.28%	40.36%	39.92%	38.08%	39.17%
36.21%	27.28%	17.48%	15.04%	15.66%
71.67%	67.34%	35.30%	39.11%	36.77%
-2.53%	-3.25%	12.06%	7.14%	13.97%
23.25%	28.00%	32.24%	33.57%	38.86%
32.25%	36.58%	39.17%	5.88%	4.32%
29.19%	23.29%	23.03%	22.78%	17.30%
21.14%	14.76%	15.01%	14.15%	10.18%
33.40%	24.31%	21.92%	21.48%	19.24%
22.33%	19.44%			
-0.78%	-1.43%	-0.44%	0.44%	1.64%
21.20%	21.56%	23.35%	22.80%	18.15%
27.94%	25.16%	-3.59%	19.20%	18.19%
12.55%	8.65%	10.05%	8.20%	2.24%
11.00%	9.67%	7.01%	8.06%	13.03%
22.65%	20.76%	21.91%	21.79%	15.02%
16.40%	15.88%	19.01%	19.08%	20.49%
22.47%	20.13%	20.02%	18.04%	19.57%
34.57%	31.50%	28.12%	12.61%	8.93%
8.67%	-8.76%	10.20%	11.92%	14.93%
-1.84%	-3.47%	-4.91%	-6.32%	-1.80%
-2.95%	-2.44%	-2.47%	-0.02%	3.06%
8.18%	3.19%	2.94%	-6.34%	-1.15%
-7.79%	-6.36%			
31.21%	29.09%	26.12%	19.53%	
0.11%	1.20%	11.59%	0.38%	7.01%

3.42%	4.73%	4.23%	0.32%	2.04%
14.26%	17.71%	20.06%	22.02%	20.47%
7.09%	4.67%	6.59%	-0.97%	
2.02%	2.01%	2.44%	2.78%	3.23%
29.35%	32.16%	20.70%	16.19%	8.65%
15.73%	20.93%	25.79%	23.70%	27.91%
2.94%	0.35%	9.79%	-1.93%	2.85%
5.35%	2.71%	3.53%	1.14%	3.13%
13.07%	15.91%	15.22%	15.77%	16.50%
16.09%	16.81%	25.53%	26.42%	30.33%
89.73%	77.82%	84.88%	65.32%	118.95%
2.22%	3.12%	0.87%	1.14%	2.51%
5.13%	4.78%	3.10%	3.14%	3.69%
	6.10%	5.21%	5.89%	5.58%
2.10%	2.79%	2.67%	2.07%	2.16%
1.79%	2.24%	1.89%	1.44%	1.60%
4.49%	4.12%	2.35%	4.19%	3.45%
4.19%	4.84%	2.23%	-1.29%	-1.18%
7.34%	6.30%	4.31%	6.47%	10.68%
3.72%	3.06%	1.63%	1.39%	2.14%
1.88%	2.01%	1.70%	1.27%	1.63%
5.06%	5.02%	3.89%	4.24%	3.50%
3.24%	2.34%	2.04%	-2.20%	0.88%
0.98%	1.76%	2.47%	1.42%	1.92%
2.64%	2.03%	2.08%	2.50%	0.38%
3.92%				
2.91%	2.95%	1.99%	1.72%	2.73%
1.81%	1.67%	0.79%	0.71%	-0.01%
3.52%	1.57%	1.36%	3.31%	2.16%
6.21%	3.83%	3.30%	3.03%	2.73%
-0.50%	1.04%	-0.19%	1.23%	-0.64%
2.23%	1.54%	1.36%	2.23%	2.54%
-0.02%				
-0.43%	0.31%	2.62%	0.84%	1.89%
1.28%	2.90%	2.30%	1.74%	-0.11%
8.85%	7.47%	2.54%	3.65%	4.68%
1.10%	0.67%	1.75%	0.62%	1.58%

8.01%	2.57%	0.94%	0.49%	1.92%
2.15%				
1.27%	1.64%	1.86%	1.67%	1.70%
15.01%	15.92%	14.93%	15.44%	13.39%
7.40%	9.36%	6.24%	7.38%	7.15%
17.37%	19.23%	18.28%	14.98%	10.04%
5.61%	3.91%	-2.13%	-1.62%	-3.01%
3.39%	4.56%	2.96%	3.43%	7.04%
13.03%	16.27%	10.02%	6.86%	10.07%
-1.47%				
8.20%	6.93%	5.49%	7.34%	10.15%
4.15%	5.32%	-1.29%	1.84%	3.33%
2.15%	4.86%	6.68%	9.32%	13.16%
-3.76%	-2.88%	-2.15%	-0.66%	2.10%
2.16%	0.66%	-0.67%	0.93%	1.87%
-14.59%				
0.13%	0.68%	2.93%	0.70%	2.50%
3.24%	3.43%	3.68%	2.43%	2.05%
7.14%	5.11%			
-4.89%	-24.51%			
	12.24%	12.12%	10.84%	12.66%
3.45%	4.90%	5.26%	5.58%	3.03%
4.12%	1.43%	2.60%	1.51%	1.64%
10.63%	7.66%	7.66%	3.20%	
6.71%	8.56%	6.75%	5.84%	6.19%
-1.78%	-1.36%	-6.25%		
-2.02%	2.34%	0.36%	1.32%	2.91%
12.68%	13.05%	13.39%	10.00%	10.32%
1.97%	2.46%	2.46%	0.31%	-0.01%
17.64%	21.21%	22.14%	22.86%	21.29%
23.10%	26.60%	23.85%	27.09%	30.32%
6.10%	7.94%	5.58%	4.27%	4.32%
8.65%	16.15%	18.29%	17.31%	14.60%
17.58%	14.53%	14.45%	8.94%	9.37%
3.06%	-4.40%	-2.07%	0.56%	2.88%
24.40%	22.80%	23.16%	26.96%	32.31%
3.55%	1.73%	-3.40%	2.06%	7.01%
16.87%	15.79%	14.22%	11.80%	14.05%
23.57%	26.18%	19.06%	17.86%	21.11%
6.93%	4.57%	10.42%	7.07%	6.40%
62.28%	11.69%	3.68%	6.69%	11.23%
-1.40%	-10.81%	-8.61%	-14.26%	-5.44%

23.76%				
3.27%	5.24%	4.77%	4.63%	7.13%
2.02%	2.09%	2.30%	0.23%	5.45%
155.88%	105.65%	89.95%	46.26%	32.99%
100.76%	85.62%	68.74%	66.01%	51.35%
182.15%	149.66%	114.90%	96.06%	105.26%
112.24%	75.91%	65.92%	54.58%	54.64%
31.27%	36.24%	38.62%	27.99%	34.41%
68.54%	53.70%			
26.00%	26.67%	23.80%	22.54%	20.95%
14.57%	16.57%	16.11%	12.36%	15.77%
17.98%	26.38%	19.04%	20.31%	30.93%
5.64%	4.26%	6.41%	5.72%	7.33%
84.68%	85.76%	86.86%	61.67%	57.25%
43.29%	43.27%	37.73%	40.45%	48.13%
79.51%	85.64%	102.20%	110.29%	61.08%
11.40%	12.19%	16.97%	19.55%	7.22%
67.12%	43.90%	33.79%	33.77%	32.35%
7.05%				
29.61%	42.88%	49.57%	64.80%	78.89%
16.81%	26.36%	40.01%	38.56%	12.00%
105.98%	116.74%	137.78%	138.61%	175.40%
57.46%	88.35%	72.27%	82.54%	77.01%
63.13%	50.74%	12.37%	6.66%	22.57%
16.29%	13.69%	14.98%	17.23%	23.24%
-1.20%	8.53%	12.15%	-6.97%	
34.34%	37.01%	48.02%	45.30%	44.52%
63.32%	54.94%	44.26%	42.02%	45.65%
21.39%	-78.20%	18.97%	-123.58%	-8.23%
54.13%	58.78%	64.63%	70.75%	60.79%
38.12%	32.82%	23.42%	4.44%	-19.51%
141.47%	127.52%	100.37%	75.07%	68.01%
48.52%	42.16%			
20.21%	20.68%	21.26%	21.47%	28.43%
36.81%	30.37%	32.47%	26.94%	24.33%
42.54%	37.96%	39.95%	38.51%	37.76%

28.97%	13.20%	10.25%	13.83%	27.61%
-6.07%	-5.89%	-7.37%	96.70%	86.46%
66.14%	71.24%	82.73%	74.27%	73.21%
-2.86%	-3.73%	-3.77%	-2.61%	-2.18%
34.53%	32.67%	31.90%		
5.62%	6.34%	2.91%	2.12%	4.60%
38.04%	36.51%	26.25%	31.61%	32.48%
20.37%	20.17%	17.70%	13.45%	11.56%
78.04%	41.67%			
113.66%	118.65%	124.18%	129.15%	127.24%
3.17%	4.17%	-0.18%	1.10%	-6.31%
8.38%	17.28%	26.00%	26.10%	29.64%
-4.53%	-5.39%	-2.45%	4.74%	-16.03%
-5.84%	-0.05%	0.77%	-3.92%	-14.83%
	2.01%	2.94%	1.99%	3.71%
17.08%	14.82%	15.02%	15.14%	21.46%
2.74%	0.10%	2.77%	2.99%	4.03%
19.63%	21.69%	17.76%	12.51%	7.59%
4.44%	7.24%	0.13%	2.89%	6.77%
-1.96%				
16.96%	10.96%	18.00%	13.12%	13.38%
31.85%	4.10%	22.71%	20.81%	14.98%
23.36%	14.89%	12.77%	7.98%	-0.48%
31.33%	27.19%	25.61%	23.90%	19.89%
19.48%	17.49%	16.16%	19.31%	
70.66%	56.38%	84.61%	67.42%	72.98%
31.60%	32.44%	21.19%	15.51%	0.10%
28.01%	25.68%	19.40%	22.60%	33.38%
2.67%	3.37%	3.82%	0.13%	
4.20%	2.57%	3.22%	3.20%	2.40%
1.09%	3.14%	2.84%	2.72%	0.34%
-8.58%	-2.10%			
5.81%	4.81%	9.00%	10.45%	11.30%
52.42%	47.23%	33.00%	31.27%	16.32%
54.30%	32.06%	44.91%	33.13%	24.56%
0.46%	-3.28%	3.11%		
-2.73%	-6.40%	-13.12%	2.43%	-21.12%
-3.22%	-2.78%	2.36%	-8.42%	-9.67%
3.64%	4.37%	4.22%	1.30%	2.19%
-3.61%	10.92%	22.88%	12.42%	14.18%
40.23%	40.92%	39.81%	35.39%	34.65%
192.94%	161.92%	134.39%	141.06%	

7.11%	7.39%			
32.51%	34.15%	30.39%	8.02%	5.38%
5.65%	3.27%	3.28%	0.10%	5.06%
11.68%	10.07%	12.97%	11.55%	9.92%
31.85%	30.03%	31.20%	29.48%	28.81%
9.08%	6.60%	9.07%	10.70%	12.46%
23.74%	22.29%	27.33%	24.17%	12.33%
89.38%	96.10%	81.06%	47.96%	58.44%
53.52%	44.32%	56.62%	51.12%	47.94%
11.81%	7.50%	13.05%	7.39%	-3.39%
4.50%	4.40%	3.67%	3.58%	3.34%
15.75%	10.67%	8.52%	5.92%	9.29%
33.90%	33.44%	32.29%	30.84%	20.95%
3.24%	0.86%	0.33%	3.90%	-0.96%
21.06%	23.72%	21.69%	19.31%	18.53%
230.86%	260.22%	258.52%	280.59%	279.56%
77.59%	93.57%	74.60%	71.20%	42.02%
17.39%	21.58%	21.58%	13.63%	20.43%
-16.09%	-20.78%	-24.26%	-17.59%	-11.53%
12.50%	11.45%	18.84%	10.92%	0.48%
33.96%	39.09%	45.45%	38.92%	27.35%
14.57%	-5.30%	-4.24%		
13.27%	6.27%	3.11%	-1.16%	-5.99%
5.35%	2.65%	0.89%	0.49%	
0.11%	5.91%	2.29%	12.65%	-2.41%
49.13%	51.42%	48.67%	43.10%	47.40%
13.57%	13.19%	12.80%	13.98%	17.36%
25.00%	21.84%	18.02%	13.21%	2.45%
5.82%	7.98%	4.46%	5.49%	2.32%
15.88%	33.42%	21.48%	19.59%	23.70%
9.97%	7.46%	6.98%	6.79%	6.39%
9.40%	6.98%	7.89%	6.43%	10.79%
18.52%	18.51%	16.35%	16.06%	15.69%
11.08%	10.76%	13.81%	10.27%	
20.44%	16.49%	14.17%	14.82%	16.08%
3.18%	2.98%	2.71%	1.49%	1.08%
4.26%	5.49%			
1.10%	1.27%	0.64%	2.04%	-0.54%
2.10%	2.57%	2.97%	2.64%	3.26%
3.72%	2.54%	1.27%	1.40%	1.45%
6.43%	6.42%	7.56%	7.05%	8.75%
18.59%	18.83%	16.36%	16.88%	19.71%
20.37%	26.96%	43.26%	31.94%	42.09%
35.83%	23.17%	21.93%	22.32%	18.68%
17.31%	27.01%			
274.19%	338.57%	205.57%	109.69%	82.96%

39.53%				
-0.58%	-6.84%	-4.07%	-12.96%	
1.38%	-22.72%	-3.00%	0.13%	-86.99%
8.58%	9.75%	5.37%	3.89%	2.05%
16.85%	9.46%	11.79%	17.57%	15.41%
46.81%	39.98%	35.11%	22.44%	26.36%
9.42%	6.66%	2.42%	3.06%	3.24%
3.79%	-2.73%	-1.76%	-0.50%	-15.46%
10.18%	8.19%	7.44%	6.23%	6.30%
5.67%	14.99%	11.46%	8.04%	9.30%
130.53%	129.14%	98.59%	87.13%	87.08%
13.50%	20.67%	21.81%	26.58%	18.11%
23.48%	-11.28%	-10.53%	-6.54%	-4.98%
-3.69%				
10.36%	18.54%	14.51%	2.02%	-2.22%
16.13%	12.21%	0.76%	2.02%	3.08%
7.13%	15.21%	4.19%	2.26%	4.00%
13.41%	10.91%	8.47%	7.08%	11.76%
22.97%	21.02%	15.10%	0.96%	
-18.11%				
16.56%	13.58%	16.16%	15.99%	13.29%
20.56%	22.83%	29.72%	-0.67%	34.34%
2.39%	1.30%	-1.17%	3.68%	2.37%
21.68%	21.91%	23.35%	23.14%	11.04%
21.08%	21.56%	24.67%	29.00%	30.72%
149.57%	157.75%	132.33%	63.72%	24.05%
45.99%	51.42%	55.77%	47.08%	40.74%
	-12.33%	-30.09%		
	20.42%	42.02%	7.68%	
	79.44%	58.04%	86.67%	37.06%
	17.21%	17.19%	19.36%	23.52%
	42.26%	26.30%	33.30%	11.15%
	5.82%	2.35%	0.72%	6.43%
	79.23%	45.23%	35.74%	25.78%
	-2.73%	7.74%	5.08%	7.03%
	2.42%	-1.88%	10.81%	17.87%
	21.00%	20.42%	19.46%	18.48%
	29.33%	39.46%	25.38%	25.01%
	24.42%	22.29%	19.82%	9.80%
	12.93%	14.65%	11.67%	
	0.13%	3.77%	2.82%	1.26%
		-1.65%	1.83%	7.14%
		2.18%	1.47%	2.17%
		66.78%	64.38%	46.12%
		-10.30%	4.02%	-6.29%
		17.31%	13.90%	15.71%
		-31.13%	-81.73%	-54.62%
		47.90%	15.67%	14.93%
		42.56%	25.80%	24.03%

19.01%	34.23%	31.47%
16.17%	16.57%	17.06%
5.63%	-1.23%	16.06%
30.15%	31.86%	21.28%
26.78%	17.42%	12.77%
5.68%	8.51%	9.30%
	2.95%	-74.33%
	-1.46%	0.62%
	15.41%	14.23%
	10.95%	9.46%
	-4.37%	-2.55%
	11.28%	19.08%
	-5.88%	-1.56%
	2.17%	3.95%
	9.10%	10.35%
	8.16%	8.84%
	11.76%	11.10%
		15.80%
		0.52%
		-0.54%
		13.74%
		5.72%
		-1.79%
		60.91%
		-10.91%
		37.80%
		11.70%
		9.71%
		13.14%
		3.51%
		12.40%
		1.05%
		2.61%
		34.33%
		89.25%
		9.83%
		100.69%
		12.84%

2016	2017	2018
13.09%	17.41%	
-9.33%	-1.50%	-6.77%
-15.73%	2.08%	4.65%
-15.27%		
-37.86%	2.31%	
-15.58%	-17.14%	-4.99%
-10.36%	1.66%	6.08%
-13.44%	-10.12%	-0.04%
-22.61%	-38.66%	-9.63%
-15.25%	-9.19%	-7.36%
-1.87%	-2.85%	-2.22%
-20.30%		
-14.46%	-14.88%	-6.14%
-25.39%	-5.85%	-2.41%
-4.11%		
-16.95%	-10.09%	1.28%
-14.55%	-5.59%	4.75%
2.93%	3.18%	1.51%
0.91%	-0.38%	1.89%
-1.13%	0.36%	0.16%
-2.68%	-2.15%	0.28%
2.52%	0.97%	-1.26%
12.71%	15.32%	18.87%
8.75%	10.01%	9.45%
17.48%	26.47%	31.69%
13.85%	16.57%	13.92%
17.96%	12.27%	12.22%
-2.53%	3.10%	-0.25%
1.43%	2.02%	0.55%
19.12%	13.37%	8.92%

-0.15%	-2.17%	1.55%
15.03%	21.71%	13.54%
11.12%	23.03%	11.13%
18.22%	8.25%	19.96%

22.81%	7.93%	34.45%
19.44%	19.21%	22.59%
20.90%	34.77%	35.28%
-1.94%		

15.44%	19.55%	
16.28%	5.98%	21.06%

15.82%	11.61%	10.54%
20.90%	17.51%	20.24%
23.44%	21.15%	24.45%
18.90%	19.02%	20.04%

4.14%	4.89%	6.44%
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40.05%	27.15%	13.24%
6.45%	5.38%	4.45%

-8.55%	-13.40%	-7.51%
4.84%	1.94%	-2.77%

7.99%	6.66%	10.32%
46.99%	31.56%	51.39%

20.23%	13.09%	13.95%
23.66%	22.55%	22.05%

31.72%	8.90%	41.34%
-1.40%	2.93%	5.36%
1.17%	-1.40%	-2.16%

18.54%	13.07%	5.80%
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92.41%	21.85%	23.47%
8.10%		
37.14%	1.56%	47.27%
11.52%	-4.31%	10.23%
32.42%	27.91%	32.48%
9.94%	-11.70%	15.37%
5.93%	4.90%	3.66%
11.58%	0.64%	22.19%
11.74%	-4.12%	4.58%
5.89%	0.92%	1.27%
25.02%	24.60%	27.26%
19.00%	17.13%	28.86%
24.98%	0.61%	13.68%
12.73%	14.78%	10.36%
-11.95%	-12.48%	-8.42%
-15.38%	-14.29%	-7.24%
-2.83%	-9.31%	-3.17%
9.34%	4.27%	1.53%
27.89%	14.43%	20.87%
20.43%	15.06%	17.71%
21.90%	32.93%	16.47%
0.02%	2.89%	11.22%
33.18%	30.19%	29.16%
10.52%	13.37%	11.21%
40.76%	42.13%	40.61%
3.14%	2.68%	2.51%
30.07%	5.86%	29.13%
23.60%	21.98%	37.32%
-13.14%	-12.71%	-10.18%
6.89%	2.77%	6.62%

6.71%	9.28%	9.16%
12.92%	17.71%	21.44%
-4.24%	2.19%	12.59%
30.16%	60.07%	50.05%
11.44%	40.38%	23.83%
17.48%		
1.03%	-0.22%	6.42%
12.11%	3.62%	8.69%
-15.85%	6.82%	2.64%
4.28%	5.96%	11.52%
29.53%	5.07%	68.43%
64.80%	63.37%	-2.46%
151.20%	135.25%	49.17%
16.90%	4.24%	19.07%
119.03%	126.24%	115.90%
-3.62%	-1.69%	-2.99%
52.60%	38.89%	-1.62%
40.10%	51.86%	76.60%
39.73%	30.49%	28.48%
2.32%	0.70%	2.37%
101.12%	18.23%	93.67%
		38.28%
43.75%	3.15%	4.74%
-10.32%	17.73%	46.44%
10.02%		
	0.54%	23.11%
4.01%	6.99%	10.17%
94.74%		

27.64%	35.63%	26.33%
5.50%	6.13%	-2.36%
4.27%	2.88%	1.58%
15.25%	17.20%	18.05%
28.33%	26.16%	22.88%
8.88%	5.94%	2.76%
13.01%	13.69%	
-0.13%	6.84%	3.65%
-1.81%	0.25%	-3.75%
14.23%	26.47%	29.90%
5.37%	6.91%	9.38%
2.93%	-2.46%	4.23%
3.27%	1.98%	1.79%
41.94%	3.28%	47.23%
25.30%	36.28%	9.13%
56.30%	70.73%	60.11%
15.80%	7.28%	6.23%
32.11%	32.28%	34.97%
5.64%	1.03%	11.12%
17.93%	21.90%	44.88%
4.06%	5.21%	7.19%
21.99%	21.03%	21.02%
5.35%	3.30%	11.69%
25.23%		
2.31%	9.41%	0.23%
14.33%	7.98%	14.33%
17.93%	20.59%	18.68%
27.55%	21.86%	18.72%
6.49%	-0.57%	7.15%
9.69%	-19.82%	-14.95%
7.33%	16.07%	13.45%
-1.06%	-1.29%	-0.85%
5.17%	3.80%	1.56%
6.69%	10.58%	2.59%
2.24%	4.87%	4.18%

3.29%		
28.98%	38.88%	56.79%
4.28%	5.62%	2.44%
15.49%		
29.30%	24.07%	24.27%
1.11%	2.63%	-0.58%
2.23%	-0.08%	1.00%
22.88%	19.23%	20.16%
39.77%	38.39%	
129.95%	99.75%	80.71%
2.37%	2.05%	1.00%
2.68%	2.33%	1.85%
3.85%	3.21%	3.18%
2.52%	2.22%	1.18%
2.14%	1.55%	-0.42%
2.68%	3.22%	0.29%
-0.65%	-0.69%	0.52%
10.24%	12.13%	12.90%
1.39%	1.01%	-0.11%
1.75%	2.84%	4.79%
1.81%	4.00%	3.43%
1.52%	1.81%	0.69%
0.39%	0.85%	0.38%
0.15%	1.74%	0.28%
0.82%	0.58%	-0.70%
1.91%	2.26%	1.48%
4.41%	3.23%	2.51%
1.51%	0.87%	-2.60%
1.19%	4.00%	0.33%
1.34%	1.37%	-0.15%
0.96%	0.89%	0.52%
2.96%	2.32%	0.96%
-0.50%	1.12%	0.82%

0.80%	-0.41%	-0.17%
1.46%	1.08%	0.33%
12.74%	12.95%	18.46%
7.19%	4.14%	4.17%
8.25%	3.28%	
2.67%	2.39%	-0.77%
5.37%	4.53%	-0.67%
14.11%		
9.29%	8.36%	13.96%
2.73%	-0.18%	1.61%
16.20%	18.61%	23.82%
4.49%	4.85%	0.61%
4.15%	2.80%	1.83%
3.88%	1.77%	0.32%
2.65%	2.20%	0.69%
13.31%	13.84%	13.94%
-0.56%	1.97%	1.89%
0.68%	2.03%	1.22%
5.78%		
1.90%	-0.19%	-2.08%
10.17%	10.10%	11.59%
-1.32%		
20.15%	20.95%	21.64%
31.20%	19.87%	14.44%
0.23%	-1.02%	0.47%
8.24%	9.50%	12.54%
5.23%		
7.75%	6.18%	7.17%
36.27%	30.97%	36.01%
8.38%	11.91%	14.27%
14.88%	13.63%	21.79%
33.20%	103.48%	102.01%
6.19%	3.56%	7.22%
17.09%	17.13%	
-4.34%	-5.20%	4.93%

6.62%	5.42%	6.29%
3.41%	5.42%	6.19%
34.08%	7.95%	47.16%
48.39%	62.09%	71.26%
147.20%	177.84%	
68.44%	103.27%	142.16%
31.19%	50.79%	2.84%
22.04%	26.97%	29.71%
19.27%	22.65%	
9.02%	-1.92%	8.42%
	-1.88%	5.13%
68.56%	112.02%	81.44%
35.22%	9.10%	28.47%
75.87%	82.39%	122.11%
4.15%	4.11%	12.06%
34.28%	19.02%	35.15%
77.95%	66.15%	87.43%
-4.79%	-25.69%	1.97%
216.64%	247.32%	218.15%
95.10%	78.46%	53.17%
59.68%	79.75%	60.62%
25.60%	26.70%	27.03%
	17.12%	7.30%
40.96%	24.58%	
49.45%	49.30%	58.02%
-15.85%		
69.26%	28.41%	86.24%
-75.62%	-76.31%	-13.72%
54.12%	40.89%	12.67%
31.08%	33.99%	35.65%
21.77%	23.21%	31.79%
47.67%	47.45%	55.11%

51.60%	14.22%	59.90%
138.84%	144.31%	90.25%
65.77%	21.64%	66.95%
-3.02%		

25.79%	34.70%	34.01%
8.79%	9.91%	8.56%

115.26%	115.76%	89.44%
6.74%	0.55%	-1.05%
25.28%	21.80%	33.16%
-17.33%	-7.91%	
-18.72%	-9.59%	-8.86%

22.58%	23.17%	38.24%
5.65%	1.14%	6.23%
11.30%	7.05%	15.35%
-2.53%	-5.96%	

29.56%	14.53%	15.36%
9.77%	5.87%	10.15%

15.61%	10.11%	10.58%
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84.35%	63.19%	80.56%
4.88%	4.19%	0.50%
30.94%	28.87%	36.58%

1.91%

26.27%		
21.82%	13.96%	21.83%

-14.99%	-8.31%	2.13%
-21.70%	-12.13%	15.10%
2.92%	3.88%	2.14%
16.99%	15.18%	
36.76%	27.54%	38.33%

4.30%	-7.51%	-1.93%
3.96%	-0.55%	3.95%
26.43%	23.29%	32.46%
3.45%	1.17%	-1.79%
20.77%	20.91%	36.67%
72.51%	59.87%	71.87%
43.81%	52.82%	
-3.29%		
2.76%	2.63%	1.68%
10.26%	10.00%	13.03%
10.96%	8.55%	
-7.01%	0.85%	
18.03%	17.11%	24.86%
282.65%	244.86%	346.08%
32.22%		
19.78%	17.37%	28.77%
-9.49%	-7.05%	-2.88%
-4.37%	2.99%	3.92%
15.32%	16.46%	24.63%
-0.33%	6.62%	12.77%
40.71%		
21.39%	19.31%	19.59%
9.43%	-0.85%	10.62%
6.24%	9.68%	12.73%
7.58%		
10.87%	9.36%	15.98%
10.91%	10.65%	27.34%
2.49%	6.94%	
2.86%	2.53%	0.80%
9.82%	10.20%	12.86%
20.00%	24.28%	29.42%
26.41%	22.62%	24.76%
28.48%	19.64%	29.61%
108.00%	77.94%	135.55%

-35.17%	5.09%	
-8.75%	-13.90%	-10.98%
30.51%	32.33%	15.48%
4.48%	5.55%	7.24%
-1.38%	1.06%	4.98%
5.18%	6.39%	7.17%
7.37%		
82.34%	92.39%	109.05%
11.29%	17.56%	9.49%
-8.50%	3.84%	17.85%
-17.12%	-0.49%	-2.27%
-5.14%	-3.38%	-2.19%
-4.33%	-6.67%	-3.92%
10.38%	7.04%	12.48%
12.52%	15.90%	13.47%
35.56%	31.50%	40.22%
4.94%	8.81%	6.20%
-6.14%	4.25%	9.53%
14.31%	-4.63%	18.29%
50.22%	52.32%	57.45%
61.70%	48.47%	50.95%
19.24%	18.48%	19.31%
2.81%	4.47%	15.82%
-5.52%	-5.94%	2.39%
7.09%	25.61%	43.82%
5.83%	11.60%	11.62%
25.07%	53.04%	54.92%
19.71%	14.43%	14.09%
29.04%	32.01%	34.38%
4.52%	5.36%	3.77%
1.47%	1.89%	3.77%
21.37%	22.76%	12.22%
-7.82%	-5.50%	-3.50%
13.17%	17.07%	21.26%
-8.36%	33.51%	45.23%
7.57%	30.04%	40.91%
10.98%	0.93%	21.48%

31.73%	34.52%	30.24%
13.79%	15.40%	13.79%
14.40%	10.98%	4.29%
75.49%	90.58%	83.57%
19.87%	13.13%	16.23%
7.90%	8.55%	2.84%
-25.38%	13.34%	15.39%
2.32%	1.89%	0.89%
5.14%	-0.29%	-1.58%
-3.80%		
2.57%	4.32%	23.62%
-2.00%	-0.57%	-0.74%
4.88%		
10.64%	8.94%	10.30%
6.51%	7.24%	8.60%
9.34%	9.42%	10.14%
15.11%	8.63%	12.95%
-1.70%	-1.99%	0.34%
-5.55%		
13.58%	11.94%	10.71%
-1.28%	0.29%	30.16%
56.19%	57.65%	43.82%
-10.50%	-10.01%	-1.06%
28.10%	11.69%	35.73%
9.58%	8.42%	14.89%
9.48%	4.69%	1.37%
8.83%	4.69%	-2.53%
12.77%	7.53%	12.07%
-0.20%	-2.24%	-0.02%
1.66%	-1.35%	
27.48%	27.35%	29.96%
74.11%	-4.78%	27.71%
29.75%		
66.02%	5.56%	110.26%
17.08%	15.80%	18.03%
-26.65%	-5.06%	-1.32%
8.59%	10.41%	8.46%
5.15%	-4.38%	-4.21%
2.00%	-2.48%	8.33%
25.28%	19.13%	
32.07%	35.25%	38.02%
2.43%	5.58%	2.75%
32.72%	25.76%	32.21%
0.10%	-13.05%	1.96%
39.22%	33.90%	23.26%
12.16%	14.74%	5.02%

6.11%	7.60%	-0.99%
-2.05%	-3.41%	-5.23%
1.60%	1.59%	0.68%
2.89%	2.67%	1.43%
9.55%	5.13%	5.19%
21.74%	16.74%	15.97%
13.51%	13.47%	18.68%
24.20%	17.24%	13.43%
2.36%	7.36%	12.51%
5.36%	6.34%	
	4.65%	-2.90%
		-6.44%
	7.62%	10.39%
	-44.08%	9.50%
	29.90%	45.06%
	18.99%	26.45%
	25.21%	23.57%
	39.01%	42.36%
	-0.26%	-0.04%
	3.21%	-1.42%
	20.80%	14.41%
	2.23%	3.44%
	32.95%	40.40%
	79.65%	75.99%
	-3.22%	-3.97%
	-4.04%	8.23%
	-1.69%	-1.99%
		-3.39%
		868.97%
		19.14%
		7.77%
		19.67%
		108.41%
		25.90%
		12.99%
		1.09%
		80.00%
		2.00%
		33.07%
		41.81%
		27.01%
		4.99%
		38.28%
		32.69%
		10.00%
		36.13%