

Mike Willis

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STILL HAVEN'T FOUND WHAT YOU'RE LOOKING FOR? HARNESS THE POWER OF JOINED UP BUSINESS REPORTING



Here are several potential research topics for consideration:

- •Third Party Data Quality how significant are third party data aggregator error rates
- Reporting Quality Errors what are the implications of errors in XBRL reports for analysis
- Analytical Insights with low cost access to more granular disclosures;
 what incremental insights are also now more available?
- •Visual Representations what visual representations are most effective
- •Effectiveness of Disclosure Management implementations how effective have companies been in realizing process and control benefits
- What is the status of XBRL within Academic Curriculum





Disclosures reported are not necessarily accurately, completely, timely or cost effectively captured by third party aggregators.

What is the degree of distortion, normalization and omission currently provided by third party data aggregators? And thereby also represents the value of high quality XBRL company disclosures.



Microsoft vs. MSN (Income)

(In millions, except per share amounts)	
Year Ended June 30,	2012
Revenue	\$ 73,723
Operating expenses:	
Cost of revenue	17,530
Research and development	9,811
Sales and marketing	13,857
General and administrative	4,569
Goodwill impairment	6,193
Total operating expenses	51,960
Operating income	21,763
Other income	504
Income before income taxes	22,267
Provision for income taxes	5,289
Net income	\$ 16,978

Revenue	73,723.0
Other Revenue, Total	0.0
Total Revenue	73,723.0
Cost of Revenue, Total	17,530.0
Gross Profit	56,193.0
Selling/General/Administrative Expenses, Total	18,426.0
Research & Development	9,811.0
Depreciation/Amortization	0.0
Interest Expense (Income), Net Operating	0.0
Unusual Expense (Income)	5,895.0
Other Operating Expenses, Total	0.0
Operating Income	22,061.0
Interest Income (Expense), Net Non- Operating	0.0
Gain (Loss) on Sale of Assets	0.0
Other, Net	1.0
Income Before Tax	22,267.0
Income Tax - Total	5,289.0
Income After Tax	16,978.0
Minority Interest	0.0
Equity In Affiliates	0.0
U.S. GAAP Adjustment	0.0
Net Income Before Extra. Items	16,978.0
Total Extraordinary Items	0.0
Accounting Change	0.0
Net Income	16,978.0





Microsoft vs. MSN (Balance Sheet)

	ч	rice 3
Current assets:		
Cash and cash equivalents	\$	6,938
Short-term investments (including securities loaned of \$785 and \$1,181)		56,102
Total cash, cash equivalents, and short-term investments		63,040
Accounts receivable, net of allowance for doubtful accounts of \$389 and		
\$333		15,780
Inventories		4 427
Deferred income taxes	_	2,035
Other		3,092
		-,
Total current assets		85,084
Property and equipment, net of accumulated depreciation of \$10,962 and		,
\$9.829		8,269
Equity and other investments		9,776
Goodwill		13,452
Intangible assets, net		3,170
Other long-term assets		1,520
		1,520
Total assets	\$	121,271
10101 000010	_	,
Liabilities and stockholders' equity		
Current liabilities:		
Accounts payable	\$	4,175
Current portion of long-term debt	Ψ	1,231
Accrued compensation		2.075
Income taxes	-	789
Short-term unearned revenue		18.653
		814
Securities lending payable Other		
Other		3,151
Total current liabilities		32,688
		10.713
Long-term debt		
Long-term unearned revenue Deferred income taxes	L	1,406
Other long-term liabilities		8,208
Total liabilities		54,908
Total liabilities		34,300

Assets			
Cash and Short Term Investments	68,312.0	66,644.0	63,040.0
Cash & Equivalents	6,017.0	5,036.0	6,938.0
Short Term Investments	62,295.0	61,608.0	56,102.0
▶ Total Receivables, Net	14,317.0	9,871.0	15,780.0
 Accounts Receivable -Trade, Net 	14,317.0	9,871.0	15,780.0
Accounts Receivable - Trade, Gross	14,609.0	10,136.0	16,169.0
Provision for Doubtful Accounts	-292.0	-265.0	-389.0
Receivables - Other	0.0	0.0	0.0
Total Inventory	1,661.0	1,624.0	1,137.0
Prepaid Expenses	0.0	0.0	0.0
Other Current Assets, Total	5,284.0	5,912.0	5,127.0
Total Current Assets	89,574.0	84,051.0	85,084.0
Property/Plant/Equipment, Total - Net	8,698.0	8,329.0	8,269.0
Goodwill, Net	14,727.0	14,466.0	13,452.0
Intangibles, Net	3,341.0	3,423.0	3,170.0
Long Term Investments	10,707.0	10,038.0	9,776.0
Note Receivable - Long Term	0.0	0.0	0.0
Other Lean Term Access Total		4 555 5	
Other Long Term Assets, Total	1,636.0	1,569.0	1,520.0
Other Long Term Assets, Total Other Assets, Total	1,636.0	1,569.0	1,520.0
•		-,	-,
Other Assets, Total	0.0	0.0	0.0
Other Assets, Total Total Assets Liabilities and Shareholders' Equity	0.0 128,683.0	0.0 121,876.0	0.0 121,271.0
Other Assets, Total Total Assets Liabilities and Shareholders' Equity Accounts Payable	0.0	0.0	0.0
Other Assets, Total Total Assets Liabilities and Shareholders' Equity Accounts Payable Payable/Accrued	0.0 128,683.0 4,356.0 0.0	0.0 121,876.0 3,631.0 0.0	0.0 121,271.0 4,175.0 0.0
Other Assets, Total Total Assets Liabilities and Shareholders' Equity Accounts Payable Payable/Accrued Accrued Expenses	0.0 128,683.0 4,356.0 0.0 2,942.0	0.0 121,876.0 3,631.0 0.0 2,666.0	0.0 121,271.0 4,175.0 0.0 3,875.0
Other Assets, Total Total Assets Liabilities and Shareholders' Equity Accounts Payable Payable/Accrued Accrued Expenses Notes Payable/Short Term Debt	0.0 128,683.0 4,356.0 0.0 2,942.0 0.0	0.0 121,876.0 3,631.0 0.0 2,666.0 0.0	0.0 121,271.0 4,175.0 0.0 3,875.0 0.0
Other Assets, Total Total Assets Liabilities and Shareholders' Equity Accounts Payable Payable/Accrued Accrued Expenses Notes Payable/Short Term Debt Current Port. of LT Debt/Capital Leases	4,356.0 0.0 2,942.0 0.0 2,241.0	0.0 121,876.0 3,631.0 0.0 2,666.0 0.0 2,236.0	0.0 121,271.0 4,175.0 0.0 3,875.0 0.0 1,231.0
Other Assets, Total Total Assets Liabilities and Shareholders' Equity Accounts Payable Payable/Accrued Accrued Expenses Notes Payable/Short Term Debt Current Port. of LT Debt/Capital Leases Other Current Liabilities, Total	4,356.0 0.0 2,942.0 0.0 2,241.0 22,371.0	3,631.0 0.0 2,666.0 0.0 2,236.0 22,869.0	0.0 121,271.0 4,175.0 0.0 3,875.0 0.0 1,231.0 23,407.0
Other Assets, Total Total Assets Liabilities and Shareholders' Equity Accounts Payable Payable/Accrued Accrued Expenses Notes Payable/Short Term Debt Current Port. of LT Debt/Capital Leases	4,356.0 0.0 2,942.0 0.0 2,241.0	0.0 121,876.0 3,631.0 0.0 2,666.0 0.0 2,236.0	4,175.0 4,175.0 0.0 3,875.0 0.0
Other Assets, Total Total Assets Liabilities and Shareholders' Equity Accounts Payable Payable/Accrued Accrued Expenses Notes Payable/Short Term Debt Current Port. of LT Debt/Capital Leases Other Current Liabilities, Total	4,356.0 0.0 2,942.0 0.0 2,241.0 22,371.0	3,631.0 0.0 2,666.0 0.0 2,236.0 22,869.0	4,175.0 4,175.0 0.0 3,875.0 0.0 1,231.0 23,407.0
Other Assets, Total Total Assets Liabilities and Shareholders' Equity Accounts Payable Payable/Accrued Accrued Expenses Notes Payable/Short Term Debt Current Port. of LT Debt/Capital Leases Other Current Liabilities, Total Total Current Liabilities	0.0 128,683.0 4,356.0 0.0 2,942.0 0.0 2,241.0 22,371.0 31,910.0	3,631.0 0.0 2,666.0 0.0 2,236.0 22,969.0 31,402.0	4,175.0 4,175.0 0.0 3,875.0 0.0 1,231.0 23,407.0
Other Assets, Total Total Assets Liabilities and Shareholders' Equity Accounts Payable Payable/Accrued Accrued Expenses Notes Payable/Short Term Debt Current Port. of LT Debt/Capital Leases Other Current Liabilities, Total Total Current Liabilities	0.0 128,683.0 4,356.0 0.0 2,942.0 0.0 2,241.0 22,371.0 31,910.0	3,631.0 0.0 2,666.0 0.0 2,236.0 22,869.0 31,402.0	4,175.0 4,175.0 0.0 3,875.0 0.0 1,231.0 23,407.0 32,688.0
Other Assets, Total Total Assets Liabilities and Shareholders' Equity Accounts Payable Payable/Accrued Accrued Expenses Notes Payable/Short Term Debt Current Port. of LT Debt/Capital Leases Other Current Liabilities, Total Total Current Liabilities Total Long Term Debt Long Term Debt	0.0 128,683.0 4,356.0 0.0 2,942.0 0.0 2,241.0 22,371.0 31,910.0 11,947.0	3,631.0 0.0 2,666.0 0.0 2,236.0 22,869.0 31,402.0 9,714.0	4,175.0 4,175.0 0.0 3,875.0 0.0 1,231.0 23,407.0 32,688.0 10,713.0
Other Assets, Total Total Assets Liabilities and Shareholders' Equity Accounts Payable Payable/Accrued Accrued Expenses Notes Payable/Short Term Debt Current Port. of LT Debt/Capital Leases Other Current Liabilities, Total Total Current Liabilities Total Long Term Debt Long Term Debt Capital Lease Obligations	0.0 128,683.0 4,356.0 0.0 2,942.0 0.0 2,241.0 22,371.0 31,910.0 11,947.0 0.0	3,631.0 0.0 2,666.0 0.0 2,236.0 22,869.0 31,402.0 9,714.0 0.0	4,175.0 0.0 3,875.0 0.0 1,231.0 23,407.0 32,688.0 10,713.0 0.0
Other Assets, Total Total Assets Liabilities and Shareholders' Equity Accounts Payable Payable/Accrued Accrued Expenses Notes Payable/Short Term Debt Current Port. of LT Debt/Capital Leases Other Current Liabilities, Total Total Current Liabilities Total Current Debt Long Term Debt Capital Lease Obligations Deferred Income Tax	0.0 128,683.0 4,356.0 0.0 2,942.0 0.0 2,241.0 22,371.0 31,910.0 11,947.0 0.0 2,394.0	3,631.0 0.0 2,666.0 0.0 2,236.0 22,869.0 31,402.0 9,714.0 0.0 2,209.0	4,175.0 0.0 3,875.0 0.0 1,231.0 23,407.0 32,688.0 10,713.0 0.0 1,893.0



Google vs. Google Finance (Balance Sheet)

	As of	As of		
	December 31,	December 31,		
	2011	2012	In Millions of USD (except for per share items)	As of 2012-12-31
Assets			Cash & Equivalents	8,066.00
Current assets:			Short Term Investments	33,310.00
Cash and cash equivalents	\$ 9,983	S 14.778	Cash and Short Term Investments	48,088.00
Marketable securities	34,643	33,310	Accounts Receivable - Trade, Net	7,885.00
Total cash, asmequivarents, and many stable securities (including securities loaned of \$2,778 and \$3,160).	44,626	48,088	Receivables - Other	
Accounts receivable, net of allowance of \$133 and \$581	5,427	7,885	Total Receivables, Net	8,585.00
Inventories	35	-	Total Inventory	505.00
Receivable under reverse repurchase agreements	745	700	Prepaid Expenses	2,132.00
Deferred income taxes, net	215	1,144	Other Current Assets, Total	1,144.00
Prepaid revenue share, expenses and other assets	1,710	2,132	Total Current Assets	60,454.00
Total current assets	52,758	60,454	Property/Plant/Equipment, Total - Gross	17,697.00
Prepaid revenue share, expenses and other assets, non-current	499	2,011	Accumulated Depreciation, Total	-5,843.00
Non-marketable equity securities	790	1 489	Goodwill, Net	10,537.00
Property and equipment, net	9,603	11,854	Intangibles, Net	7,473.00
Intangible assets, net	1,578	1,410	Long Term Investments	1,469.00
Goodwill	7,346	10,537	Other Long Term Assets, Total	2,011.00
Total assets	\$ 72,574	\$ 93,798	Total Assets	93,798.00
Liabilities and Stockholders' Equity			Accounts Payable	2,012.00
Current liabilities:			Accrued Expenses	6,968.00
Accounts payable	\$ 588	\$ 2,012	Notes Pavable/Short Term Debt	2.549.00
Short-term debt	1,218	2,549	Current Port. of LT Debt/Capital Leases	
Accrued compensation and benefits	1,818	2,239	Other Current liabilities. Total	2,808.00
Accrued expenses and other current liabilities	1,370	3,258	Total Current Liabilities	14,337.00
Accrued revenue share	1,168	1,471		2,988.00
Securities lending payable	2,007	1,673	Long Term Debt	2,988.00
Deferred revenue	547	895	Capital Lease Obligations	
Income taxes payable, net	197	240	Total Long Term Debt	2,988.00
Total current liabilities	8,913	14,337	Total Debt	5,537.00
Long-term debt	2,986	2 988	Deferred Income Tax	1,872.00
Deferred revenue, non-current	44	100	Minority Interest	-
Income taxes payable, non-current	1,693	2,046	Other Liabilities, Total	2,886.00
Deferred income taxes, net, non-current	287	1,072	Total Liabilities	22,083.00
Other long-term liabilities	506	740	Total Elabilities	22,083.00



Google vs. Google Finance (Income Statement)

	Year	Ended Decem	ber 31,
	2010	2011	2012
Revenues:			
Google (advertising and other)	\$29,321	\$37,905	\$46,039
Motorola Mobile (hardware and other)	0	0	4 136
Total revenues	\$29,321	\$37,905	\$50,175
Costs and expenses:		_	
Cost of revenues—Google (advertising and other)(1)	10,417	13,188	17,176
Cost of revenues—Motorola Mobile (hardware and other)(1)	0	0	3,458
Research and development(1)	3,762	5,162	6,793
Sales and marketing ⁽¹⁾	2,799	4,589	6,143
General and administrative(1)	1,962	2,724	3,845
Charge related to the resolution of Department of Justice investigation	0	500	0
Total costs and expenses	18,940	26,163	37,415
Income from operations	10,381	11,742	12 760
Interest and other income, net	415	584	626
Income from continuing operations before income taxes	10,796	12,326	13,386
Provision for income taxes	2,291	2,589	2,598
Net income from continuing operations	\$ 8,505	\$ 9,737	\$10.788
Net loss from discontinued operations	0	0	(51)
Net income	\$ 8,505	\$ 9,737	\$10,737

In Millions of USD (except for per share items)	12 months ending 2012-12-31
Revenue	50,175.00
Other Revenue, Total	-
Total Revenue	50,175.00
Cost of Revenue, Total	20,505.00
Gross Profit	29,670.00
Selling/General/Admin. Expenses, Total	9,741.00
Research & Development	6,593.00
Depreciation/Amortization	-
Interest Expense(Income) - Net Operating	-
Unusual Expense (Income)	576.00
Other Operating Expenses, Total	-
Total Operating Expense	37,415.00
Operating Income	12,760.00
Interest Income(Expense), Net Non-Operating	-
Gain (Loss) on Sale of Assets	188.00
Other, Net	58.00
Income Before Tax	13,386.00
Income After Tax	10,788.00
Minority Interest	-
Equity In Affiliates	-
Net Income Before Extra. Items	10,788.00
Accounting Change	-
Discontinued Operations	-
Extraordinary Item	-
Net Income	10,737.00



Yahoo vs. Yahoo Finance (Income)

	Years Ended December 31,			
	2010	2011	2012	
		(In thousands, except per share amounts)		
Revenue	\$6,324,651	\$4,984,199	\$ 4,986,566	
Operating expenses:				
Cost of revenue—Traffic acquisition costs	1,736,423	603,371	518,906	
Cost of revenue—Other	945,651	983,626	1,101,660	
Sales and marketing	1,263,992	1,122,193	1,101,572	
Product development	1,028,716	919,368	880.824	
General and administrative	487,762	497,288	540,247	
Amortization of intangibles	31,626	33,592	33,013	
Restructuring charges, net	57,957	24,420	236 170	
Total operating expenses	5,552,127	4,183,858	4,420,198	
Income from operations	772,524	800,341	566,368	
Other income, net	297,869	27,175	4,647,839	
Income before income taxes and earnings in equity interests	1,070,393	827,516	5,214,207	
Provision for income taxes	(221,523)	(241,767)	(1,940,043)	
Earnings in equity interests	395,758	476,920	676,438	
Net income	1,244,628	1,062,669	3,950,602	
Less: Net income attributable to noncontrolling interests	(12,965)	(13,842)	(5,123)	
Net income attributable to Yahoo! Inc.	\$1,231,663	\$1,048,827	\$ 3,945,479	

Period Ending	Dec 30, 2012
Total Revenue	4,986,566
Cost of Revenue	1,620,566
Gross Profit	3,366,000
Operating Expenses	
Research Development	885,824
Selling General and Administrative	1,641,819
Non Recurring	236,170
Others	35,819
Total Operating Expenses	2,799,632
Operating Income or Loss	566,368
Income from Continuing Operations	
Total Other Income/Expenses Net	4,647,839
Earnings Before Interest And Taxes	5,214,207
Interest Expense	-
Income Before Tax	5,214,207
Income Tax Expense	1,940,043
Minority Interest	(5,123)
Net Income From Continuing Ops	3,945,479
Non-recurring Events	
Discontinued Operations	-
Extraordinary Items	-
Effect Of Accounting Changes	-
Other Items	-
Net Income	3,945,479





Yahoo vs. Yahoo Finance (Balance Sheet)

	Decem	ber 31,
	2011	2012
ACCTOC	(In thousands, e	xcept par values)
ASSETS		
Current assets:	A 1.562.200	6 2 667 770
Cash and cash equivalents	\$ 1,562,390	\$ 2,667,778
Short-term marketable debt securities	493,189	1,516,175
Accounts receivable, net of allowance f \$30,142 and \$32,635 as of December 31, 2011 and 2012, respectively	1.037.474	1,008,448
Prepaid expenses and other current assets	359,483	460,312
Total current assets	3,452,536	5 652 712
Long-term marketable debt securities	474,338	1,838,425
Alibaba Group Preference Shares	_	816,261
Property and equipment, net	1,730,888	1,085,845
Goodwill	3,900,752	3,826,749
Intangible assets, net	254,600	153,973
Other long-term assets	220,628	289,130
Investments in equity interests	4,749,044	2.840.157
Total assets	\$ 14,782,786	\$ 17,103,253
LIABILITIES AND EQUITY		
Current liabilities:		
Accounts payable	\$ 166,595	\$ 184,831
Accrued expenses and other current liabilities	846,044	909,475
Deferred revenue	194,722	296,926
Total current liabilities	1,207,361	1,200,202
Long-term deferred revenue	43,639	407,560
Capital lease and other long-term liabilities	134,905	124,587
Deferred and other long-term tax liabilities, net	815,534	675,271
Total liabilities	2,201,439	2,497,650

	\bigvee
Period Ending	Dec 30, 2012
Assets	
Current Assets	
Cash And Cash Equivalents	2,667,778
Short Term Investments	1,516,175
Net Receivables	1,008,448
Inventory	-
Other Current Assets	460,312
Total Current Assets	5,652,713
Long Term Investments	4,678,582
Property Plant and Equipment	1,685,845
Goodwill	3,826,749
Intangible Assets	153,973
Accumulated Amortization	-
Other Assets	1,105,391
Deferred Long Term Asset Charges	-
Total Assets	17,103,253
Liabilities	
Current Liabilities	
Accounts Payable	993,306
Short/Current Long Term Debt	-
Other Current Liabilities	296,926
Total Current Liabilities	1,290,232
Long Term Debt	124,587
Other Liabilities	-
Deferred Long Term Liability Charges	1,082,831
Minority Interest	45,403
Negative Goodwill	-
Total Liabilities	2,543,053





Reporting Quality Errors

Which of the common reporting quality error types have the most adverse impact on analytical processes and outcomes?

Fact problems

- •Inconsistent or Missing Values
- •Incorrect Negative Values and Signage
- •Inconsistent Element selection, including Members
- •Inconsistent unit of measure/data type
- •Inconsistent decimal precision
- Inconsistent date
- Duplicate values
- •Values not in financials
- Textblock inconsistencies
- Missing footnotes
- Inaccurate Labels

EDGAR Filer Manual validation errors

Extension problems

- •Unnecessary extensions
- •Incorrect extension meta-data (period, balance, type)

Calculation problems

- Missing calculations
- •Calculation errors

Linkbase problems

- •Axis-domain-member construction
- Missing elements
- Negated labels
- Missing or incorrect labels





Reporting Quality Errors

Examples of Report Quality Errors in Company Reports:

Error type	XBRL Report	Correct
Fact Problems	UFE \$4.3B	UFE \$17.2B
Fact Problems	Public Float \$6.3 Quintillion (17 zeros)	Public Float \$6.3B
Fact Problems	Accumulated Amortization - \$28.5B	Accumulated Amortization \$28.5B
Extension Problems	xxx.Cash and Cash Equivalents	US GAAP Term: Cash and Cash Equivalents
Calculation Problems	Net Cash Generated from Operations \$1.3B	Net Cash Generated from Operations \$1.B



Analytical Insights

Granular disclosures provide low cost access to reusable data that may provide new insights on reporting risks & frauds. Are there new analytical insights available via new business rules / analytics?



March 18, 2013

• Rives By Wray Rives, CPA, CGMA

In 2010, after a very public failure to detect Bernard Madoff's \$17 billion Ponzi scheme, the SEC was mandated by Congress under the Dodd-Frank Wall Street Reform and Consumer Protection Act, P.L. 111-203, to develop methods to prevent future large-scale fraud.

A great deal of publicity was given to the SEC's new whistleblower program, which included increased awards for individuals who report fraud to the agency and the establishment of a Whistleblower Office within the agency. Some saw this as an admission by the SEC that it did not have the knowledge or technology to identify fraud independent of outside assistance. Furthermore, despite these stepped-up efforts, the SEC inspector general issued a report in 2010 criticizing the agency for making too few awards to whistleblowers.

The SEC traditionally has had a reputation of being behind on technology. But for the past few years the regulator has been developing a computerized system to analyze performance data of the entities it monitors in order to find early warning signs that might indicate possible fraud.

The effort has been aided by the almost universal implementation of extensible business reporting language (XBRL), a format that makes financial reports readable by computer. In 2009 the commission began phasing in XBRL filing requirements over a three-year period. By 2012, it had accumulated a huge warehouse of computerized data.

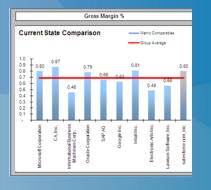
A data analysis program known as the aberrational performance inquiry, or API, also will be fully

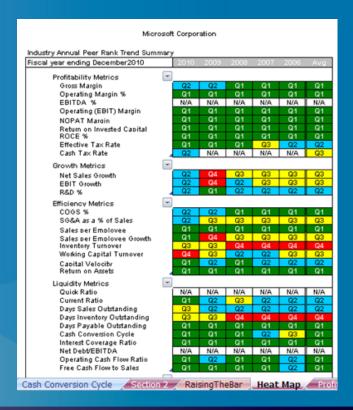


Basic heat map and basic graphs.





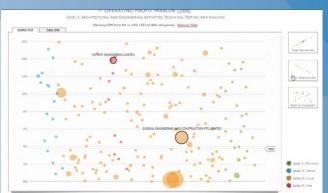






Open Analytics at ACRA in Singapore



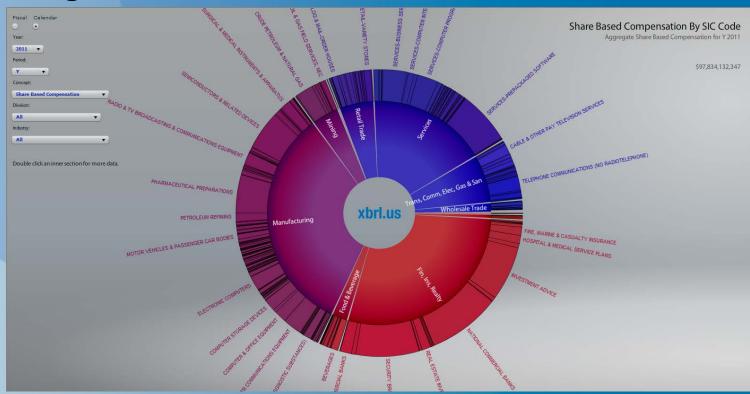






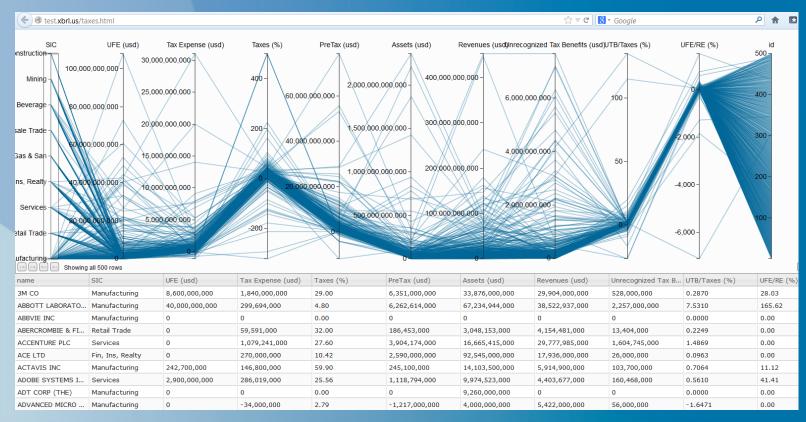


Market Summary w/ drill down to details for broad range of granular disclosures.





'Snake' chart on specific granular disclosures correlated to other relevant items.





Other Analytical Apps

Following are some commercial applications that may be useful for analyzing the content within XBRL formatted documents:

BlueMatrix Researchware

EDGAR Online's Imetrix

Rivet Crossfire (video)

XBRL Analyst

Sector3

XBRL US Consistency Suite

LogixData SEC Analyzer

9WSearch

RS Regulator Portal

XBRL Data in Use

Calcbench (Open source)

Arelle (Open source)

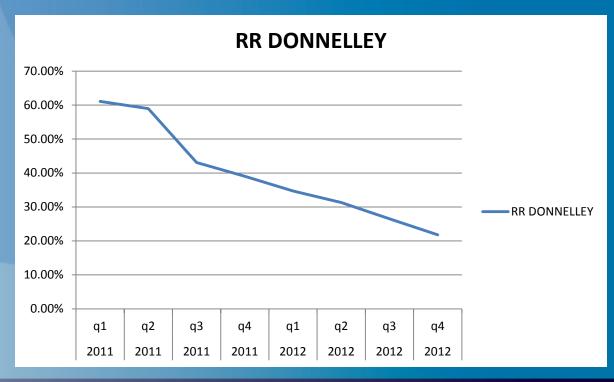
XBRL US Brix (Open source)

Others listed in the 2013 XBRL Challenge



Disclosure Management Effectiveness

The trend in reporting from outsourcing to in sourcing is pretty obvious.





Disclosure Management Effectiveness

Recent FEI survey confirms the trend.



Regulation | January 14, 2013 | CFO.com | US

Many CFOs Moving to Insource XBRL

A survey of finance executives found that most intend to stop outsourcing XBRL filings and increase the size of their internal XBRL team in the next year.

Taylor Provost

Not many CFOs may actually enjoy the process of filing their company's financials by way of eXtensible Business Reporting Language (XBRL). But many have concluded it's a job best done within the walls of one's own company, according to a recent study by the Financial Executives Research Foundation.

"Usually the trend is to outsource what is not your core competency, whether it's payroll or AP or whatever, but XBRL seems to buck that trend," says Bill Sinnett, senior director of research at FERF and author of the study.

To determine how companies are handling Securities and Exchange Commission reporting and compliance with XBRL tagging, FERF surveyed 416 finance executives from small, medium, and large companies in 2012 and found that organizations across the board expect to take greater responsibility for their XBRL filings. The percentage of respondents not planning to outsource XBRL at all over the next year jumped 16% year-over-year among large accelerated filers (those that had to comply with XBRL requirements starting in 2009).



Disclosure Management Effectiveness

Implementations vary wildly with many companies realizing either no or negative benefits. Common implementation issues include:

- 'webmaster' vs. Social process
- No 'flow through' of source content updates
- No / limited analysis and validation rules
- No automation of content development
- No contextual review of disclosures
- No collaborative review of draft reports
- Narrow reporting applications
- No transparency of supporting transaction level information
- No risk or comparative analysis of peer disclosures
- No automated reference links
- Others





Here are several potential research topics for consideration:

- •Third Party Data Quality how significant are third party data aggregator error rates
- Reporting Quality Errors what are the implications of errors in XBRL reports for analysis
- Analytical Insights with low cost access to more granular disclosures;
 what incremental insights are also now more available?
- •Visual Representations what visual representations are most effective
- •Effectiveness of Disclosure Management implementations how effective have companies been in realizing process and control benefits
- What is the status of XBRL within Academic Curriculum





Questions?



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