

BoardEx

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The Global Standard for Business Research

Data Dictionary

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01 | Details

Variable	Definition
Individual/Director ID	A unique identifier allocated to each individual
Individual/Director Name	Full name of selected individual
Title	Courtesy prefix to the name of the individual
First Name	First name of selected individual
Last Name	Last name of selected individual
Second Forename	Second forename of selected individual
Third Forename	Third forename of selected individual
Fourth Forename	Fourth forename of selected individual
Preferred Name	Preferred name of selected individual
Suffix Title	Suffix title of selected individual
Date of Birth	Date of birth of selected individual
Date of Death	Date of death of selected individual (if applicable)
Age	Current age of selected individual
Gender	Gender of selected individual
Nationality	Nationality of selected individual
Indicator of Individual's Visibility on Boardex	Relates to visibility on BoardEx commercial web application
Network Size	Network size of selected individual (number of overlaps through employment, other activities, and education)

02 | Employment

Variable	Definition
Company Name	Name of relevant company/organization
Company ID	A unique identifier allocated to each company/organization
Individual/Director ID	A unique identifier allocated to each individual
Country	The full country name in which the Head Office of the Company is located
Individual/Director Name	Full name of selected individual
Company ISIN	An International Securities Identifying Number (ISIN) uniquely identifying a security
Sector	Sector classification of a company under FTSE International classification (In some cases designated by BoardEx)
Company Type	Organization category or type
NED Indicator	Non-Executive Director Indicator
Date Started Role	Start date of selected position
Date Ended Role	End date of selected position (if applicable)
Board Position	Indicator of whether or not selected position is a board position
Role Name	Provided title of selected position
Full Description of the Role	Additional description of the selected position

03 | Education

Variable	Definition
Director ID	A unique identifier allocated to each individual
Director Name	Full name of selected individual
Company ID	A unique identifier allocated to each company/organization
Company Name	Name of relevant company/organization
Award Date	Date that the education qualification was awarded
Qualification	Qualification earned at this institution
Additional information	Additional description of the qualification earned

04 | Achievements

Variable	Definition
Individual/Director Name	Full name of selected individual
Company/Organization ID	A unique identifier allocated to each company/organization
Company/Organization Name	Name of relevant company/organization
Achievement Date	Date that the achievement was awarded
Achievement	Description of the achievement

05 | Other Activities

Variable	Definition
Row Type	Category description
Individual/Director ID	A unique identifier allocated to each individual
Individual/Director Name	Full name of selected individual
Company/Organization ID	A unique identifier allocated to each company/organization
Company/Organization Name	Name of relevant company/organization
Start Date	Start date of selected position
End Date	End date of selected position (if applicable)
Role Name	Provided title of selected position

01 | Organization Summary – Analytics (Part 1 of 4)

Variable	Definition
Country	The full country name in which the Head Office of the Company is located
Sector	Sector classification of a company under FTSE International classification (In some cases designated by BoardEx)
Company Name	Name of relevant company/organization
Company ID	A unique identifier allocated to each company/organization
Company ISIN	An International Securities Identifying Number (ISIN) uniquely identifying a security
Company Ticker	Shorthand code used to uniquely identify shares of a publicly-traded corporation on a particular stock market
Company Index	Index classification(s) of a company according to FT index classifications
Director Type (NED)	Non-Executive Director Indicator
Individual Name	Full name of selected individual
Individual ID	A unique identifier allocated to each individual
Individual Role	Provided title of selected position
Individual Network Size	Network size of selected individual (number of overlaps through employment, other activities, and education)
Time to Retirement	Time to Retirement for the individual at a selected Annual Report Date assuming a retirement age of 70
Time in Role	Time in Role for the individual at a selected Annual Report Date
Time on Board	Time on Board for the individual at a selected Annual Report Date
Standard Deviation of Age	Standard deviation of the population of the ages of Directors for all the Directors at the Annual Report Date selected
Standard Deviation of Total Number of Qualifications	Standard deviation of the population of the number of Qualifications for all the Directors at the Annual Report Date selected
Standard Deviation of Total Number of Current Listed Boards sat on	Std Dev. of the population of the number of Quoted Boards that are sat on for all the Directors at the Annual Report Date selected

01 | Organization Summary – Analytics (Part 2 of 4)

Variable	Definition
Standard Deviation of Total Number of Listed Boards sat on	Std. Dev. of the population of of the number of Quoted Boards that have been sat on overtime for all the Directors at the Annual Report Date selected
Standard Deviation of Time on Board	Standard deviation of the population of Time on Board values for all the Directors at the Annual Report Date selected
Standard Deviation of Time in Company	Standard deviation of the population of Time in Companies for all the Directors at the Annual Report Date selected
Number of Directors on Board	Number of Executive Directors, Supervisory Directors or All of the Directors at the Annual Report Date selected
Nationality Mix	Proportion of Directors from different countries at the Annual Report Date selected
Gender Ratio	The proportion of male directors at the Annual Report Date selected
Attrition Rate	Number of Directors that have left a role as a proportion of average number of Directors for the preceding reporting period at the Annual Report Date selected
Succession Factor	Measurement of the Clustering of Directors around retirement age at the Annual Report Date selected
Number of Qualifications	The average number of qualifications at undergraduate level and and above for all the Directors at the Annual Report Date selected
Total Current Number of Other Boards sitting on	The number of Boards for organizations other than publicly listed or private companies that an individual serves on at the current Annual Report Date
Total Current Number of Unlisted Boards sitting on	The number of Boards of private companies that an individual serves on at the current Annual Report Date
Total Current Number of Listed Boards sitting on	The number of Boards of publicly listed companies that an individual serves on at the current Annual Report Date
Total Number of Other Boards sat on	The number of Boards for organizations other than publicly listed or private companies that an individual has served on at the Annual Report Date selected
Total Number of Unlisted Boards sat on	The number of Boards of private companies that an individual has served on at the Annual Report Date selected
Total Number of Listed Boards sat on	The number of Boards of publicly listed companies that an individual has served on at the Annual Report Date selected
Average Time in Other Companies	The Average Time that a Director sits on the Board of Quoted Companies
Time In Company	Time in Company for the individual at a selected Annual Report Date

01 | Organization Summary – Analytics (Part 3 of 4)

Variable	Definition
Currency	The ISO Code of the Currency in which all values are displayed
Salary (in 000s)	Base annual pay in cash for each Director in a report period
Bonus (in 000s)	Bonus payments for each Director in a report period
Other (in 000s)	Value of annual ad hoc cash payments such as relocation or fringe benefits awarded during the period
Employers Defined Contribution (in 000s)	Employers Defined Retirement/Pension Contribution for each Director in a report period
Total Compensation (in 000s)	Salary plus Bonus
Value of Total Equity Held (in 000s)	Value of shares held at the end of the reporting period for the individual based on the closing stock price of the Annual Report Date selected
Value of Long Term Incentive Plans Held (in 000s)	Value of LTIPs held at the end of the report for the individual based on the closing stock price of the Annual Report Date selected ¹
Intrinsic Value of Options Held (in 000s)	A valuation of Options held at the end of the period for the individual based on the closing stock price of the Annual Report Date selected ²
Estimated Value of Options Held (Black Scholes) (in 000s)	A valuation of Options held at the end of the period for the individual based on the closing stock price of the Annual Report Date selected ³
Total Value of Equity Linked Wealth (in 000s)	A valuation of Total Wealth at the end of the period for the individual based on the closing stock price of the Annual Report Date selected ⁴
Value of Equity Awarded in last year (in 000s)	Value of shares awarded during the period based on the closing stock price of the Annual Report Date selected
Value of LTIP Awarded in last year (in 000s)	Value of LTIPs awarded during the period based on the closing stock price of the Annual Report Date selected ¹
Intrinsic Value of Options Awarded in Last Year (in 000s)	A valuation of Options awarded during the period based on the closing stock price of the Annual Report Date selected ²

01 | Organization Summary – Analytics (Part 4 of 4)

Variable	Definition
Estimated Value of Options Awarded in Last Year (in 000s)	A valuation of Options awarded during the period based on the closing stock price of the Annual Report Date selected ³
PerfTotal - LTIP Value / Total Awards for the Period	Performance to total - Ratio of Value of LTIPs Held to Total Compensation for the period
Total Direct Compensation (000s) (Salary+Bonus+Other+PenEmpCont)	Total Direct Compensation equals Salary plus Bonus plus Other Compensation plus Employers Devined Retirement/Pension Contribution for the period
Wealth Delta (in 000s)	Change in wealth in the company (Total Equity Linked Wealth) for each 1% change in the stock price at the Annual Report Date selected for the individual
Remuneration Change since Last R&A	Percentage change in total compensation from the previous report period for the individual
Equity Linked Remuneration Ratio	Equity Linked Compensation as a proportion of total compensation for the individual based on the closing stock price of the Annual Report Date selected
Bonus Ratio	Bonus as a proportion of total direct compensation less defined contribution pension/retirement plan
Total Awards for the Remuneration Period (in 000s)	Total awards for the period
Total Stock, Option, and LTIP Awards (in 000s)	Total stock (ValEqAward), option (EstValOptAward) and LTIP (LTIPValue) awards based on the closing stock price of the Annual Report Date selected

¹ The amounts pertaining to the maximum performance hurdle are recorded. It is also the sum of cash, equity, and equity matched and option based LTIPs. Option based LTIPs are calculated using methodology described in note 2 below

² This shows by how much options awarded are in the money. This is equal to the gap between the Exercise Price of the Options and the stock price multiplied by the number of options

³ Valuation uses a Generalized Black - Scholes option pricing model using the following: Volatility is measured using 100 days of historic stock prices, Risk free rate is measured by UK = 6 months Libor rate, Europe = EURIBOR, US = 10 year T-Bill, otherwise = 6.5%, and it is assumed that exercise is on expiration date whether known or assumed

⁴ Equals Estimated Value of Options Held plus Value of LTIP Held plus Value of Total Equity Held

02 | Organization - Composition of Officers, Directors and Senior Managers

Variable	Definition
Individual Name	Full name of selected individual
Individual ID	A unique identifier allocated to each individual
Company Name	Name of relevant company/organization
Company ID	A unique identifier allocated to each company/organization
Role	Provided title of selected position
Role Start Date	Start date of selected position
Role End Date	End date of selected position (if applicable)
Seniority (ED/SD/Sr Mgr)	Indicator of role type - Executive Director, Supervisory Director, or Senior Manager

01 | Company and Organizational Networks

Variable	Definition
Individual Name	Full name of selected individual that connects the two companies
Individual ID	A unique identifier allocated to each individual
Start Company Name	Name of starting company/organization
Start Company ID	A unique identifier allocated to each company/organization
Start Company Type	Organization category or type
Start Company Role	Provided title of selected position at starting company
Start Company Role Start Date	Start date of selected position at starting company
Start Company Role End Date	End date of selected position (if applicable) at starting company
Connected Company Name	Name of connected company/organization
Connected Company ID	A unique identifier allocated to each company/organization
Connected Company Type	Organization category or type
Connected Company Role	Provided title of selected position at connected company
Connected Company Role Start Date	Start date of selected position at connected company
Connected Company Role End Date	End date of selected position (if applicable) at connected company

02 | Individual Networks

Variable	Definition
Connected Company Name	Name of connected company/organization
Connected Company ID	A unique identifier allocated to each company/organization
Individual Name	Full name of selected individual to whom the second individual is linked
Individual ID	A unique identifier allocated to each individual
Overlap Year Start	Beginning year of the overlap in which both individuals were in a role at the connecting company/organization
Overlap Year End	Ending year of the overlap in which both individuals were in a role at the connecting company/organization
Role	Description of position held by starting individual during the overlap at the connecting company/organization
Role Title	Provided title of position held by starting individual during the overlap at the connecting company/organization
Role Board Position Flag	Indicator of whether or not the role of the starting individual is a board position
Role ED Flag	Indicator of whether or not the role of the starting individual is an Executive Director or Supervisory Director
Organization Type	Connecting Organization category or type
Linked Individual Name	Full name of individual that is linked to the starting individual
Linked Individual ID	A unique identifier allocated to each individual
Associated Role	Description of position held by linked individual during the overlap at the connecting company/organization
Associated Role Title	Provided title of position held by linked individual during the overlap at the connecting company/organization
Associated Role ED Flag	Indicator of whether or not the role of the linked individual is an Executive Director or Supervisory Director
Associated Role Board Position Flag	Indicator of whether or not the role of the linked individual is a board position

01 | Annual Remuneration (Part 1 of 2)

Variable	Definition
Row Type (Average, Total, or Individual-Level Figures)	Indicator of type of data represented in the selected row
Company ID	A unique identifier allocated to each company/organization
Company Name	Name of relevant company/organization
Annual Report Date	The date which the company publishes its annual report and accounts or the last working day
NED Indicator	An indicator showing if the employment record is an executive position (No) or a supervisory position (Yes)
Individual/Director ID	A unique identifier allocated to each individual
Individual/Director Name	Full name of selected individual
Role Name	Provided title of selected position
Currency	The ISO Code of the Currency in which all values are displayed
Salary (in 000s)	Base annual pay in cash for each Director in a report period
Bonus (in 000s)	Bonus payments for each Director in a report period
Other (in 000s)	Value of annual ad hoc cash payments such as relocation or fringe benefits awarded during the period
Employer's Contribution for each Director (in 000s)	Employers Defined Retirement/Pension Contribution for each Director in a report period
Total Compensation (in 000s)	Salary plus Bonus
Value of Shares Held (in 000s)	Value of shares held at the end of the reporting period for the individual based on the closing stock price of the Annual Report Date selected
Role Status	Details of when the individual joined or left the role
PerfTotal (LTIPValue/TotRemPeriod)	Performance to total - Ratio of Value of LTIPs Held to Total Compensation for the period
TotalDirectComp (in 000s) -- Salary + Bonus + Other + PenEmpCont	Total Direct Compensation equals Salary plus Bonus plus Other Compensation plus Employers Devined Retirement/Pension Contribution for the period
Wealth Delta (in 000s)	Change in wealth in the company (Total Equity Linked Wealth) for each 1% change in the stock price at the Annual Report Date selected for the individual

01 | Annual Remuneration (Part 2 of 2)

Variable	Definition
Percentage Change in Total Compensation from Previous Report	Percentage change in total compensation from the previous report period for the individual
Equity Linked Remuneration Ratio	Equity Linked Compensation as a proportion of total compensation for the individual based on the closing stock price of the Annual Report Date selected
Bonus Ratio	Bonus as a proportion of total direct compensation less defined contribution pension/retirement plan
Total for the Remuneration Period (in 000s)	Total awards for the period
Total Stock, Option and LTIP Awards (in 000s)	Total stock (ValEqAward), option (EstValOptAward) and LTIP (LTIPValue) awards based on the closing stock price of the Annual Report Date selected
Estimated Value of Options Awarded in Last Year (in 000s)	A valuation of Options held at the end of the period for the individual based on the closing stock price of the Annual Report Date selected ³
Intrinsic Value of Options Awarded in Last Year (in 000s)	A valuation of Options awarded during the period based on the closing stock price of the Annual Report Date selected ²
Value of LTIP Awarded in last year (in 000s)	Value of LTIPs awarded during the period based on the closing stock price of the Annual Report Date selected ¹
Value of Equity Awarded in last year (in 000s)	Value of shares awarded during the period based on the closing stock price of the Annual Report Date selected
Total Value of Equity Linked Wealth (in 000s)	A valuation of Total Wealth at the end of the period for the individual based on the closing stock price of the Annual Report Date selected ⁴
Estimated Value of Options Held (Black Scholes) (in 000s)	A valuation of Options held at the end of the period for the individual based on the closing stock price of the Annual Report Date selected ³
Intrinsic Value of Opions Held (in 000s)	A valuation of Options held at the end of the period for the individual based on the closing stock price of the Annual Report Date selected ²
PerfTotal (LTIPValue/TotRemPeriod)	Performance to total - Ratio of Value of LTIPs Held to Total Compensation for the period

¹ The amounts pertaining to the maximum performance hurdle are recorded. It is also the sum of cash, equity, and equity matched and option based LTIPs. Option based LTIPs are calculated using methodology described in note 2 below

² This shows by how much options awarded are in the money. This is equal to the gap between the Exercise Price of the Options and the stock price multiplied by the number of options

³ Valuation uses a Generalized Black - Scholes option pricing model using the following: Volatility is measured using 100 days of historic stock prices, Risk free rate is measured by UK = 6 months Libor rate, Europe = EURIBOR, US = 10 year T-Bill, otherwise = 6.5%, and it is assumed that exercise is on expiration date whether known or assumed

⁴ Equals Estimated Value of Options Held plus Value of LTIP Held plus Value of Total Equity Held

02 | Annual LTIP Compensation

Variable	Definition
Company ID	A unique identifier allocated to each company/organization
Company Name	Name of relevant company/organization
NED Indicator	An indicator showing if the employment record is an executive position (No) or a supervisory position (Yes)
Annual Report Date	The date which the company publishes its annual report and accounts or the last working day
Individual/Director ID	A unique identifier allocated to each individual
Individual/Director Name	Full name of selected individual
Vesting Date	The date from which options can be exercised
Expiry Date	Options expiration date
Compensation Plan Name	Name of the conditional incentive plan
Currency	The ISO Code of the Currency in which all values are displayed
Stock Price	Price of the stock that the plan is awarded in at the Annual Report Date selected
Cash Value Held (in 000s)	Value of any cash based incentive plan
Volume of Options Issued - Exercisable	The maximum number of exercisable options awarded for that conditional incentive plan
Volume of Options Issued - Un-Exercisable	The maximum number of unexercisable options awarded for that conditional incentive plan
Volume of Options issued - Expired in the year	The number of expired options in the conditional incentive plan
Value of Shares Issued - Equity Matching Scheme (in 000s)	The value of shares awarded plus the matched percentage for a given incentive plan based on the stock price at the Annual Report Date selected
Volume of Shares Issued - Equity Matching Scheme	The maximum number of shares awarded plus the matched percentage in the period for a given conditional incentive plan
Value of Shares Issued (in 000s)	The value of shares awarded for a given incentive plan
Volume of Shares Issued	The maximum number of shares awarded in the period for a given conditional incentive plan
Estimated Value of Options Issued - Un-Exercisable (Black Scholes) (in 000s)	A valuation of Unexercisable Options awarded in the period based on the closing stock price of the Annual Report Date selected ³
Estimated Value of Options Issued - Exercisable (Black Scholes) (in 000s)	A valuation of Exercisable Options awarded in the period based on the closing stock price of the Annual Report Date selected ³
Intrinsic Value of Options Issued - Un-Exercisable (in 000s)	The valuation of Unexercisable Options awarded in the period based on the closing stock price of the Annual Report Date selected ²
Intrinsic Value of Options Issued - Exercisable (in 000s)	The valuation of Exercisable Options awarded in the period based on the closing stock price of the Annual Report Date selected ²
Exercise Price	The price at which options can be exercised

03 | Annual Option Based Compensation

Variable	Definition
Company ID	A unique identifier allocated to each company/organization
Company Name	Name of relevant company/organization
NED Indicator	An indicator showing if the employment record is an executive position (No) or a supervisory position (Yes)
Annual Report Date	The date which the company publishes its annual report and accounts or the last working day
Individual/Director ID	A unique identifier allocated to each individual
Individual/Director Name	Full name of selected individual
Vesting Date	The date from which options can be exercised
Expiry Date	Options expiration date
Currency	The ISO Code of the Currency in which all values are displayed
Stock Price	Price of the stock that the plan is awarded in at the Annual Report Date selected
Volume of Options Issued - Exercisable	The number of exercisable options awarded for that plan
Volume of Options Issued - Un-Exercisable	The number of unexercisable options awarded for that plan
Volume of Options issued - Expired in the year	The number of expired options in the incentive plan
Exercise Price	The price at which options can be exercised
Intrinsic Value of Options Issued - Exercisable (in 000s)	The valuation of Exercisable Options awarded in the period based on the closing stock price of the Annual Report Date selected ²
Estimated Value of Options Issued - Un-Exercisable (Black Scholes) (in 000s)	A valuation of Unexercisable Options awarded in the period based on the closing stock price of the Annual Report Date selected ³
Estimated Value of Options Issued - Exercisable (Black Scholes) (in 000s)	A valuation of Exercisable Options awarded in the period based on the closing stock price of the Annual Report Date selected ³
Intrinsic Value of Options Issued - Un-Exercisable (in 000s)	The valuation of Unexercisable Options awarded in the period based on the closing stock price of the Annual Report Date selected ²

04 | Accumulated Wealth - LTIP

Variable	Definition
Company ID	A unique identifier allocated to each company/organization
Company Name	Name of relevant company/organization
NED Indicator	An indicator showing if the employment record is an executive position (No) or a supervisory position (Yes)
Annual Report Date	The date which the company publishes its annual report and accounts or the last working day
Individual/Director ID	A unique identifier allocated to each individual
Individual/Director Name	Full name of selected individual
Vesting Date	The date from which options can be exercised
Expiry Date	Options expiration date
Compensation Plan Name	Name of the conditional incentive plan
Currency	The ISO Code of the Currency in which all values are displayed
Stock Price	Price of the stock at the Annual Report Date selected
Cash Value Held (in 000s)	Value of any cash based incentive plan
Volume of Options Issued - Exercisable	The maximum number of exercisable options held at the Annual Report Date selected in the conditional incentive plan
Volume of Options Issued - Un-Exercisable	The maximum number of unexercisable options held at the Annual Report Date selected in the conditional incentive plan
Volume of Options Issued - Expired in the year	The number of expired options in the conditional incentive plan
Value of Shares Issued - Equity Matching Scheme (in 000s)	The value of shares held plus the matched percentage for a given incentive plan based on the stock price at the Annual Report Date selected
Volume of Shares Issued - Equity Matching Scheme	The maximum number of shares held plus the matched percentage in the period for a given conditional incentive plan
Value of Shares Issued (in 000s)	The value of shares awarded for a given incentive plan
Estimated Value of Options Issued - Un-Exercisable (Black Scholes) (in 000s)	A valuation of Unexercisable Options held at the Annual Report Date selected based on the closing stock price of the Annual Report Date selected ³
Estimated Value of Options Issued - Exercisable (Black Scholes) (in 000s)	A valuation of Exercisable Options held at the Annual Report Date selected based on the closing stock price of the Annual Report Date selected ³
Intrinsic Value of Options Issued - Un-Exercisable (in 000s)	The valuation of Unexercisable Options held at the Annual Report Date selected based on the closing stock price of the Annual Report Date selected ²
Intrinsic Value of Options Issued - Exercisable (in 000s)	The valuation of Exercisable Options held at the Annual Report Date selected based on the closing stock price of the Annual Report Date selected ²
Exercise Price	The price at which options can be exercised

05 | Accumulated Wealth - Options

Variable	Definition
Company ID	A unique identifier allocated to each company/organization
Company Name	Name of relevant company/organization
NED Indicator	An indicator showing if the employment record is an executive position (No) or a supervisory position (Yes)
Annual Report Date	The date which the company publishes its annual report and accounts or the last working day
Individual/Director ID	A unique identifier allocated to each individual
Individual/Director Name	Full name of selected individual
Vesting Date	The date from which options can be exercised
Expiry Date	Options expiration date
Currency	The ISO Code of the Currency in which all values are displayed
Volume of Options Issued - Exercisable	The number of exercisable options held at the Annual Report Date selected for that plan
Volume of Options Issued - Un-Exercisable	The number of unexercisable options held for that plan
Volume of Options issued - Expired in the year	The number of expired options in the incentive plan
Exercise Price	The price at which options can be exercised
Intrinsic Value of Options Issued - Exercisable (in 000s)	The valuation of Exercisable Options held at the Annual Report Date selected based on the closing stock price of the Annual Report Date selected ²
Intrinsic Value of Options Issued - Un-Exercisable (in 000s)	The valuation of Unexercisable Options held at the Annual Report Date selected based on the closing stock price of the Annual Report Date selected ²
Estimated Value of Options Issued - Un-Exercisable (Black Scholes) (in 000s)	A valuation of Unexercisable Options held at the Annual Report Date selected based on the closing stock price of the Annual Report Date selected ³
Estimated Value of Options Issued - Exercisable (Black Scholes) (in 000s)	A valuation of Exercisable Options held at the Annual Report Date selected based on the closing stock price of the Annual Report Date selected ³

01 | Board and Director Committees

Variable	Definition
Company Name	Name of relevant company/organization
Company ID	A unique identifier allocated to each company/organization
NED Indicator	Non-Executive Director Indicator
Annual Report Date	The date which the company publishes its annual report and accounts or the last working day
Committee Name	Name of the given committee
Individual/Director ID	A unique identifier allocated to each individual
Individual/Director Name	Full name of selected individual
Committee Role Name	The selected individual's role on the committee
Functional Experience	Employment experience relevant to the selected committee on which the director sits
Board Role	Description of the board position held by the selected director as of the selected Annual Report Date
Board Position	Indicator of whether or not the selected individual holds a board position at the named company
Role Status	Details of when the Director joined or left the role

01 | Company Profile Details

Variable	Definition
Company Name	Name of relevant company/organization
Company ID	A unique identifier allocated to each company/organization
Company Type	Organization category or type
HO Address 1	The first line of the Head Office Address
HO Address 2	The second line of the Head Office Address
HO Address 3	The third line of the Head Office Address
HO Address 4	The fourth line of the Head Office Address
HO Address 5	The fifth line of the Head Office Address
HO Country Name	The full country name in which the Head Office of the Company is located
HO Tel Number	The main Head Office Telephone Number
HO Fax Number	The main Head Office Facsimile Number
HO URL	The Corporate Web Site for the company
Financial URL	The Web page where company financials can be located on the company web site
CC Address 1	The first line of the communication address which may be the same as the Head Office Address
CC Address 2	The second line of the communication address which may be the same as the Head Office Address
Advisor Type Description	A description of the service offered by the selected Advisor
Advisor Name	Organisation name that provides services to the selected company/organization
ISIN Code	An International Securities Identifying Number (ISIN) uniquely identifies a security
CIK Code	The CIK Code used within SEC filings for American companies - relevant only for companies incorporated within the U.S. and who are required to make a filing
Current Revenue	Annual company revenue as at the last Annual Report date
Market Cap	The total value of a company's securities at current prices as quoted on a stock exchange and as calculated by multiplying the total number of shares by the market price
Index	Index classification(s) of a company according to FT index classifications
Sector	Sector classification of a company under FTSE International classification (In some cases designated by BoardEx)
Ticker	Shorthand code used to uniquely identify shares of a publicly-traded corporation on a particular stock market
CC Fax Number	The contact facsimile number
CC Tel Number	The contact telephone number
CC Country Name	The full country name to which all communication should be addressed
CC Address 5	The fifth line of the communication address which may be the same as the Head Office Address
CC Address 4	The fourth line of the communication address which may be the same as the Head Office Address
CC Address 3	The third line of the communication address which may be the same as the Head Office Address

01 | Board and Director Announcements

Variable	Definition
Company Name	Name of relevant company/organization
Company ID	A unique identifier allocated to each company/organization
Individual/Director Name	Full name of selected individual
Individual/Director ID	A unique identifier allocated to each individual
Committee Name	Name of any relevant committee
Role Name	Provided title of selected position ¹
Description	Notation of why the change is taking place ²
Announcement Date	The date when the company makes the notice of the change to the individual's position
Effective Date	The date at which the individual's position within the company changes

¹ When an announcement is about joining a role the role name is that of the new role. When an announcement is about leaving a role, the role name is that of the existing role.

² Default text is used if nothing noteworthy is disclosed, otherwise, it's the statement made by the company

Number of Companies fully analyzed for Board structure and composition

Year	NA	EU	UK	ROW	Total
1999	85	442	402	5	934
2000	1565	651	688	22	2926
2001	1921	899	826	37	3683
2002	2005	974	935	53	3967
2003	3830	1076	1147	122	6175
2004	4746	1135	1486	281	7648
2005	5520	1403	1888	488	9299
2006	5629	1512	2317	599	10057
2007	6909	1823	2392	1176	12300
2008	7188	1921	2414	1645	13168
2009	7020	1868	2304	1736	12928
2010	6758	1934	2232	2413	13337
2011	7144	2186	2293	2886	14509
2012	7352	2161	2275	2890	14678
2013	7640	2255	2630	3150	15675
2014	8224	2350	2988	3427	16989

Indices

AEX	FTSE Fledgling	OBX OMX 20	SMI
AEX MID-CAP	FTSE SMALL CAP	OMX HELSINKI 25	STRAITS TIMES
ASX ALL ORDINARIES	FTSE TECHMARK ALL-SHARE	OMX INDEX	TecDAX
ATX	FTSE/MIB	PSI-20	TOPIX Core 30
BCN GLOBAL 100	HANG SENG	S&P 500	WIG 20
BEL-20 INSTITUTIONAL	Hong Kong Hang Seng China Enterprises	S&P MID CAP 400	SMI
BSE 200	IBEX 35	S&P SMALL CAP 600	
CAC 40	IGBM	S&P/ASX 50	
DAX	ISEQ OVERALL	S&P/ASX100	
DOW JONES INDUSTRIAL AVG	JSE ALL SHARE	S&P/ASX20	
EUROTOP 100	LUXX	S&P/ASX200	
FTSE 100	MDAX	S&P/ASX300	
FTSE 250	MIBTEL	S&P/TSX 60	
FTSE AIM	MIDEX	S&P/TSX COMPOSITE	
FTSE Small Cap	NASDAQ 100	SBF 120	

United Kingdom

Company announcements/press releases

- Corporate Information
- Company websites

Annual Report/Review

RNS (Regulatory News Service) - Investegate

<http://www.investegate.co.uk/Index.aspx>

- Official company press releases for all UK quoted companies (i.e. directorate changes)

London Stock Exchange – Quoted Company Information

<http://www.londonstockexchange.com/home/homepage.htm>

- Listing Date
- Sector
- Index Information
- Contact Details (address, website)

Companies House

<http://direct.companieshouse.gov.uk/>

- Annual Reports
- Information on Directors (Date of Birth, Nationality, Current and Past directorships, Start and End dates)

Database for UK Trusts

<http://www.trustnet.com>

Guidestar UK

<http://www.guidestar.org.uk/>

UK Cabinet Office

<http://www.cabinetoffice.gov.uk/>

Members of Parliament

<http://www.parliament.uk/mps-lords-and-offices/mps/>

House of Lords

<http://www.parliament.uk/mps-lords-and-offices/lords/>

United States

SEC

<http://sec.gov/edgar/searchedgar/companysearch.html>

- (Proxy statements, 10-k (Annual Report), 8-K's etc)

Company Information

- Press releases
- Corporate websites

US Stock Exchanges

NASDAQ <http://www.nasdaq.com/>

- **NYSE** <http://www.nyse.com/>

US State Registries

<http://www.llrx.com/columns/roundup29>

Foundation Center

<http://foundationcenter.org/findfunders/990finder/>

United States Conference of Mayors

<http://www.usmayors.org/meetmayors/mayorsatglance.asp>

US Air Force Biographies (retired and active)

<http://www.af.mil/information/bios/index.asp>

US Navy Biographies

http://www.navy.mil/navydata/bios/bio_list.asp

US House of Representatives and US Senate

<http://bioguide.congress.gov/biosearch/biosearch.asp>

<http://www.house.gov/>

<http://www.senate.gov/>

<http://votesmart.org/>

Australia

Australian Stock Exchange

<http://www.asx.com.au/asx/statistics/announcements>.

Company Information

- Press releases
- Corporate websites
- Annual reports

Canada

SEDAR - System for Electronic Document Analysis and Retrieval

http://www.sedar.com/homepage_en.htm

Toronto Stock Exchange

- Quoted company information

Company Information

- Press releases
- Corporate websites
- Annual reports, Annual Information Form

CNW – Canada Newswire

<http://www.newswire.ca/en/index>

Marketwire

<http://www.marketwire.com/>

India

Bombay Stock Exchange

<http://www.bseindia.com/stockinfo/anncomp.aspx?scripcode=531807>

- Board changes

National Stock Exchange of India

<http://www.nseindia.com/>

- Corporate announcements

Company Information

- Press releases
- Corporate websites
- Annual reports

Quoted Company and Director Information

<http://www.directorsdatabase.com/>

Indian Administrative Service (IAS Officers)

<http://persmin.nic.in/ersheet/StartQryERS.asp>

Indian Charity Database

<http://www.charity.org.in>

Indian Company Registry

<http://www.mca.gov.in/DCAPortalWeb/dca/MyMCALogin.do?method=setDefaultProperty&mode=31>

Hong Kong

Hong Kong Stock Exchange

http://www.hkex.com.hk/eng/invest/company/profilemenu_page_e.asp

- Annual reports
- Board Changes

Company Information

- Press releases
- Corporate websites
- Annual reports, Annual Information Form

Singapore

Singapore Stock Exchange

- Annual reports
http://www.sgx.com/wps/portal/sgxweb/home/company_disclosure/annual_financial
- Board Changes
http://www.sgx.com/wps/portal/sgxweb/home/company_disclosure/company_announcements

Company Information

- Press releases
- Annual reports
- Corporate websites

France

Paris Stock Exchange

<https://europeanequities.nyx.com/en/newsroom/company-press-releases>

Company Information

- Press releases
- Annual reports
- Corporate websites
- Reference Docs

Germany

Deutsche Börse (stock exchange)

http://deutsche-boerse.com/dbag/dispatch/en/kir/gdb_navigation/home

Company Information

- Press releases
- Corporate websites
- Annual reports

Italy

Borsa Italiana (Stock Exchange)

<http://www.borsaitaliana.it/homepage/homepage.en.htm>

Company Information

- Corporate websites
- Annual reports
- Corporate governance documents

Netherlands

Amsterdam Stock Exchange

<http://www.euronext.com>

Company Information

- Press releases
- Annual reports
- Corporate websites

Dutch Board Changes

<http://www.afm.nl/en/professionals/registers/alle-huidige-registers.aspx?type={FB94A1D1-EE14-4103-B6CA-02AD6EC9D8B6}>

Spain

Bolsa de Madrid (Madrid Stock Exchange)

Bolsa de Barcelona

Company Information

- Press releases
- Annual reports
- Corporate websites

Spanish Board Changes & Financial Information (in Spanish)

http://www.cnmv.es/index_en.htm

Other Major European Sources

Athens Stock Exchange
Brussels Stock Exchange (Euronext)
Lisbon Stock Exchange (Euronext)
Copenhagen Stock Exchange (NASDAQ OMX Copenhagen)
Stockholm Stock Exchange (NASDAQ OMX Stockholm)
Helsinki Stock Exchange (NASDAQ OMX Helsinki)
Zurich Stock Exchange (Swiss Exchange)

Other Asia, Africa and South America

Abu Dhabi Securities Exchange http://www.adx.ae/English/Securities/Pages/ListedCompanies.aspx
South African Stock Exchange http://www.jse.co.za/Home.aspx

Other Sources

Factiva – press releases
International Newswires <ul style="list-style-type: none">Business Wire http://www.businesswire.comPR Newswire http://www.prnewswire.com/
Interactive Data – indices/sectors/prices
Universities http://univ.cc/world.php

Other Major European Sources

Athens Stock Exchange
Brussels Stock Exchange (Euronext)
Lisbon Stock Exchange (Euronext)
Copenhagen Stock Exchange (NASDAQ OMX Copenhagen)
Stockholm Stock Exchange (NASDAQ OMX Stockholm)
Helsinki Stock Exchange (NASDAQ OMX Helsinki)
Zurich Stock Exchange (Swiss Exchange)

Other Asia, Africa and South America

Abu Dhabi Securities Exchange http://www.adx.ae/English/Securities/Pages/ListedCompanies.aspx
South African Stock Exchange http://www.jse.co.za/Home.aspx

Other Sources

Factiva – press releases
International Newswires <ul style="list-style-type: none">Business Wire http://www.businesswire.comPR Newswire http://www.prnewswire.com/
Interactive Data – indices/sectors/prices
Universities http://univ.cc/world.php

Legal

Martindale

<http://www.martindale.com/>

FindLaw

<http://www.findlaw.com/>

Translation Software

Google

<http://translate.google.com/>

Total and Active Visible Organizations

Country	Total Visible	Delisted	Visible Active
01. UNITED STATES	11,846	3,644	8,202
02. UNITED KINGDOM	3,522	1,382	2,140
03. CANADA	1,328	273	1,055
04. AUSTRALIA	1,035	242	793
05. INDIA	464	13	451
06. HONG KONG	477	30	447
07. CHINA	598	164	434
08. GERMANY	497	87	410
09. FRANCE	487	83	404
10. JAPAN	345	4	341
11. SINGAPORE	339	36	303
12. SOUTH AFRICA	251	41	210
13. MALAYSIA	191	10	181
14. SWEDEN	237	64	173
15. SWITZERLAND	184	26	158
16. ITALY	200	42	158
17. NETHERLANDS	211	65	146
18. BRAZIL	138	9	129
19. ISRAEL	164	40	124
20. GUERNSEY	178	64	114
21. NORWAY	164	59	105
22. BERMUDA	138	38	100
23. REPUBLIC OF IRELAND	152	51	101
24. SPAIN	132	34	98
25. BELGIUM	111	25	86
26. JERSEY	123	41	82
27. RUSSIAN FEDERATION	79	3	76
28. TAIWAN	72	2	70
29. SOUTH KOREA	74	5	69
30. DENMARK	72	4	68
31. FINLAND	73	4	69
32. MEXICO	65	4	61

33.	LUXEMBOURG	75	14	61
34.	CAYMAN ISLANDS	75	17	58
35.	NEW ZEALAND	62	4	58
36.	AUSTRIA	61	8	53
37.	GREECE	73	18	55
38.	INDONESIA	52	0	52
39.	ISLE OF MAN	87	35	52
40.	TURKEY	50	4	46
41.	UNITED ARAB EMIRATES	48	5	43
42.	NIGERIA	40	1	39
43.	POLAND	38	1	37
44.	PHILIPPINES	36	1	35
45.	VIRGIN ISLANDS, BRITISH	44	9	35
46.	THAILAND	33	0	33
47.	PORTUGAL	35	3	32
48.	CHILE	31	1	30
49.	COLOMBIA	21	0	21
50.	CYPRUS	25	5	20
51.	ARGENTINA	20	1	19
52.	SAUDI ARABIA	13	1	12
53.	EGYPT	11	0	11
54.	PERU	13	2	11
55.	KENYA	10	0	10
56.	MONACO	10	2	8
57.	PAKISTAN	7	0	7
58.	PUERTO RICO	12	5	7
59.	BAHRAIN	6	0	6
60.	GIBRALTAR	6	0	6
61.	KUWAIT	6	0	6
62.	BAHAMAS	6	2	4
63.	CZECH REPUBLIC	5	0	5
64.	ICELAND	16	11	5
65.	JAMAICA	5	0	5
66.	MALTA	5	0	5
67.	PAPUA NEW GUINEA	7	2	5
68.	QATAR	6	1	5
69.	ANTIGUA AND BARBUDA	4	0	4
70.	TRINIDAD AND TOBAGO	4	0	4

71.	FAROE ISLANDS	3	0	3
72.	JORDAN	3	0	3
73.	LIECHTENSTEIN	3	0	3
74.	MAURITIUS	4	1	3
75.	PANAMA	3	0	3
76.	SRI LANKA	3	0	3
77.	TANZANIA	3	0	3
78.	VIETNAM	3	0	3
79.	BARBADOS	2	0	2
80.	CAMBODIA	2	0	2
81.	COSTA RICA	2	0	2
82.	CROATIA	3	1	2
83.	HUNGARY	4	2	2
84.	MOROCCO	3	1	2
85.	NETHERLANDS ANTILLES	4	2	2
86.	LATVIA	2	0	2
87.	LEBANON	2	0	2
88.	MACAU	2	0	2
89.	NEPAL	2	0	2
90.	OMAN	2	0	2
91.	UKRAINE	2	0	2
92.	AFGHANISTAN	1	0	1
93.	ANGOLA	1	0	1
94.	ANGUILLA	1	0	1
95.	AZERBAIJAN	1	0	1
96.	BANGLADESH	1	0	1
97.	BELIZE	1	0	1
98.	BOLIVIA	1	0	1
99.	BOSNIA AND HERZEGOVINA	1	0	1
100.	COOK ISLANDS	1	0	1
101.	DOMINICAN REPUBLIC	1	0	1
102.	ETHIOPIA	1	0	1
103.	FALKLAND ISLANDS	1	0	1
104.	GABON	1	0	1
105.	GEORGIA	1	0	1
106.	GHANA	1	0	1
107.	GREENLAND	1	0	1
108.	GRENADA	1	0	1

109.	GUAM	1	0	1
110.	IVORY COAST	1	0	1
111.	KAZAKHSTAN	2	1	1
112.	LITHUANIA	1	0	1
113.	MARSHALL ISLANDS	1	0	1
114.	MONGOLIA	1	0	1
115.	MOZAMBIQUE	1	0	1
116.	PARAGUAY	1	0	1
117.	RÉUNION	1	0	1
118.	ROMANIA	2	1	1
119.	SAINT VINCENT AND THE GRENADINES	1	0	1
120.	SLOVAKIA	1	0	1
121.	SLOVENIA	1	0	1
122.	TOGO	1	0	1
123.	TUNISIA	1	0	1
124.	URUGUAY	2	0	2
125.	VENEZUELA	2	0	2
126.	VIRGIN ISLANDS, U.S.	2	0	2
127.	ZAMBIA	2	0	2
128.	BULGARIA	2	0	2
129.	LATVIA	2	0	2
130.	LEBANON	1	0	1
131.	MACAU	1	0	1
132.	NEPAL	1	0	1
133.	OMAN	1	0	1
134.	UKRAINE	1	0	1
135.	AFGHANISTAN	1	0	1
136.	ANGOLA	1	0	1
137.	ANGUILLA	1	0	1
138.	AZERBAIJAN	1	0	1
139.	BANGLADESH	1	0	1
140.	BELIZE	1	0	1
141.	BOLIVIA	1	0	1
142.	BOSNIA AND HERZEGOVINA	1	0	1
143.	COOK ISLANDS	1	0	1
144.	DOMINICAN REPUBLIC	1	0	1
145.	ETHIOPIA	1	0	1
146.	FALKLAND ISLANDS	1	0	1

147.	GABON	1	0	1
148.	GEORGIA	1	0	1
149.	GHANA	2	1	1
150.	GREENLAND	1	0	1
151.	GRENADA	1	0	1
152.	GUAM	1	0	1
153.	IVORY COAST	1	0	1
154.	KAZAKHSTAN	1	0	1
155.	LITHUANIA	1	0	1
156.	MARSHALL ISLANDS	2	1	1
157.	MONGOLIA	1	0	1
158.	MOZAMBIQUE	1	0	1
159.	PARAGUAY	1	0	1
160.	RÉUNION	1	0	1
161.	ROMANIA	1	0	1
162.	SAINT VINCENT AND THE GRENADINES	1	0	1
163.	SLOVAKIA	1	0	1
164.	SLOVENIA	3	2	1
165.	TOGO	1	0	1
166.	TUNISIA	1	1	0
TOTAL		25,103	6,754	18,349

**Data as of December 18, 2015.*

How does BoardEx choose individuals to profile?

We begin by profiling almost every publicly listed company across the world on what publicly available information is available. We then add in all large, notable private companies that are of interest to our commercial clients. This makes up over 18,000 companies across the world with about 70% of them being publicly listed and 30% of them being private companies.

As we continue the process of building the profiles for these companies, we compile the full list of their directors, senior managers, and disclosed earners and build complete profiles on each of these individuals. These profiles will include as much information as we can gather on their full history regarding employment, other activities (i.e. clubs, memberships, non-profit activities, etc.), education and achievements. These individual profiles will include many organizations that were not targeted for profiling through the above process but will be able to be found in BoardEx based on the fact that they are part of an individual's profile. These are not "fully profiled" organizations, but will be an important component in terms of how individuals are connected. In total, we have profiles on over 750,000 individuals and we have information on over 1 million non-profiled organizations in addition to the 18,000 fully profiled organizations mentioned previously.

The greatest value in what BoardEx delivers is the ability to see how individuals are connected through organizations and how organizations are connected through individuals. These make up the networks of the individuals and the organizations. The larger the network, the more influential the individual may be based on how well they are connected to other business leaders across the world. This is called "relationship capital" and is a valuable asset to every organization that can leverage it to their advantage.

Samples of Recent Academic Papers Using BoardEx Data

Social Network Metrics: The Boardex Case Study

A Shahgholian, B Theodoulidis... - Available at SSRN ..., 2015 - researchgate.net

Executive incentives and payout policy: Empirical evidence from Europe

A De Cesari, N Ozkan - Journal of Banking & Finance, 2015 - Elsevier

CEO network centrality and merger performance

R El-Khatib, K Fogel, T Jandik - Journal of Financial Economics, 2015 - Elsevier

Institutional theory and gender diversity on European boards

I Allemand, O Barbe, B Brullebaut - 2015 - cairn.info

Playing Favorites? Industry Expert Directors in Diversified Firms

JA Ellis, CE Fee, SE Thomas - Industry Expert Directors in ..., 2015 - papers.ssrn.com

Political capital and moral hazard

L Kostovetsky - Journal of Financial Economics, 2015 - Elsevier

Executive compensation, Fat Cats, and best athletes

JW Kim, B Kogut, JS Yang - American Sociological Review, 2015 - asr.sagepub.com

Which executive characteristics create value in banking? Evidence from appointment announcements

DDL Nguyen, J Hagendorff... - ... : An International Review, 2015 - Wiley Online Library

Managerial risk incentives and investment related agency costs

Y Belghitar, E Clark - International Review of Financial Analysis, 2015 - Elsevier

Top Management Human Capital, Inventor Mobility, and Corporate Innovation

TJ Chemmanur, L Kong, K Krishnan, Q Yu - 2015 - bentley.edu

The Effect of Labour Income Taxation on CEO Compensation

M Ruf, J Schmider - 2015 - eaacongress.org

Amalia Carrasco, Claude Francoeur, Réal Labelle, Joaquina Laffarga & Emiliano Ruiz-Barbadillo

C Bias - J Bus Ethics, 2015 - researchgate.net

14. Serial takeovers, large shareholders, and CEOs' equity-based compensation

E Pikulina, L Renneboog - Research Handbook on Shareholder ..., 2015 - books.google.com

Financial Distress Risk, Executive Compensation and the Executive Labour Market

J Chen, P Hill, N Ozkan - ... the Executive Labour Market (January 8, ..., 2015 - papers.ssrn.com

Do Director Elections Matter?

V Fos, K Li, M Tsoutsoura - Available at SSRN 2609815, 2015 - research.mbs.ac.uk

Board Connectedness and Board Effectiveness

V Intintoli, KM Kahle, W Zhao - Available at SSRN 2578716, 2015 - papers.ssrn.com

Who bears the cost of taxing the rich? An empirical study on CEO pay

M Ruf, J Schmider - 2015 - wiwiss.fu-berlin.de

Professionalization of Corporate Boards and Its Consequences

AS Wahid, K Welch - 2015 - wwwstage2.darden.virginia.edu

The effect of board directors from countries with different genetic diversity levels on corporate performance

MD Delis, C Gaganis, I Hasan, F Pasiouras - 2015 - helda.helsinki.fi

The Market for Director Reputation around the World: Evidence from International Shocks to Reputation

U Lel, D Miller - 2015 - chicagobooth.edu

Top Management Team Functional Diversity and Management Forecast Accuracy

S Wang - 2015 - scholarsbank.uoregon.edu

The Lion's Share: Evidence from Federal Contracts on the Value of Political Connections

Ş Ağca, D Igan - 2015 - cmepr.gmu.edu

Spillovers inside Conglomerates: Incentives and Capital

R Duchin, A Goldberg, D Sosyura - webuser.bus.umich.edu

When Do Individual Bank Executives Matter for Bank Performance?

DD Nguyen, J Hagendorff, A Eshraghi - *Financial Crisis, Bank Behaviour ...*, 2016 - Springer

Corporate governance of banks: A survey

J Haan, R Vlahu - *Journal of Economic Surveys*, 2015 - Wiley Online Library

The impact of personal attributes on corporate insider trading

D Hillier, A Korczak, P Korczak - *Journal of Corporate Finance*, 2015 - Elsevier

Can Bank Boards Prevent Misconduct?

DD Nguyen, J Hagendorff, A Eshraghi - *Review of Finance*, 2015 - rof.oxfordjournals.org
Fewer

Hobby horses ridden

E Labro - *Journal of Management Accounting Research*, 2015 - aaajournals.org

Taxes, Earnings Payout, and Payout Channel Choice

P Geiler, L Renneboog - ... of *International Financial Markets, Institutions and ...*, 2015 - Elsevier

General Managerial Skills and External Communication

E Yeh - 2015 - repository.asu.edu

The Influence of Board of Directors' Risk Oversight on Risk Management Maturity and Firm Risk-Taking

CD Ittner, T Keusch - 2015 - valuewalk.com

Costs and benefits of friendly boards during mergers and acquisitions

B Schmidt - *Journal of Financial Economics*, 2015 - Elsevier

Are there costs to hiring an accounting expert CFO?

D Bernard, W Ge, D Matsumoto, S Toynbee - business.lsu.edu

Does takeover activity cause managerial discipline? Evidence from international M&A laws

U Lel, DP Miller - *Review of Financial Studies*, 2015 - *Soc Financial Studies*

Social Connections, Reference Point and M&A Performance

JM Guoa, X Li, NC Seeger, E Vagenas-Nanosb - mfsociety.org

Selective Disclosure and the Role of Form 8-K in the Post-Reg FD Era

C Gleason, Z Ling, R Zhao - Available at SSRN 2615976, 2015 - capana.net

Family Firms, Employee Satisfaction, and Corporate Performance

M Huang, P Li, F Meschke, J Guthrie - 2015 - swfa2015.uno.edu

Do Corporate Acquisitions Influence CEO Compensation? Empirical Evidence from Continental Europe

H Gonenc, N Ozkan - efmaefm.org

The Impact of Occupational Community on the Quality of Internal Control

S Campbell, Y Li, J Yu, Z Zhang - Journal of Business Ethics - Springer

Is Director Industry Experience Valuable?

F Meyerinck, D Oesch, M Schmid - Financial Management, 2015 - Wiley Online Library

Shadow Trading: Do Insiders Exploit Private Information About Stakeholders?

MN Mehta, DM Reeb, W Zhao - Available at SSRN 2575221, 2015 - papers.ssrn.com

AREAS OF INTERESTS

M HUANG - Cell - business.ku.edu

Board interlocking network and the design of executive compensation packages

LHH Wong, AF Gyga, P Wang - Social Networks, 2015 - Elsevier

CEO nEtWOrKs and tHE M&a MarKEt1

L Renneboog, Y Zhao - CEO Branding: Theory and Practice, 2015 - books.google.com

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