

LGIM's Global ESG Score

March 2019

COMPANY NAME	LGIM ESG SCORE
1&1 DRILLISCH AG	24
360 SECURITY TECHNOLOGY IN-A	48
3I GROUP PLC	72
3M CO	42
3SBIO INC	43
51JOB INC-ADR	30
58.COM INC-ADR	31
A2 MILK CO LTD	46
AAC TECHNOLOGIES HOLDINGS IN	40
ABB LTD-REG	64
ABBOTT LABORATORIES	50
ABBVIE INC	55
ABC-MART INC	28
ABIOMED INC	39
ABN AMRO GROUP NV-CVA	78
ABOITIZ EQUITY VENTURES INC	32
ABOITIZ POWER CORP	34
ABSA GROUP LTD	64
ABU DHABI COMMERCIAL BANK	54
ACCENTURE PLC-CL A	67
ACCOR SA	36
ACER INC	66
ACOM CO LTD	20
ACS ACTIVIDADES CONS Y SERV	44
ACTIVISION BLIZZARD INC	50
ACUITY BRANDS INC	46
ADANI PORTS AND SPECIAL ECON	43
ADARO ENERGY TBK PT	1
ADECCO GROUP AG-REG	69
ADIDAS AG	66
ADMIRAL GROUP PLC	60
ADOBE INC	59
ADP	51

ADVANCE AUTO PARTS INC	42
ADVANCED INFO SERVICE PCL	47
ADVANCED MICRO DEVICES	67
ADVANTECH CO LTD	45
AECC AVIATION POWER CO-A	16
AEGON NV	80
AENA SME SA	45
AEON CO LTD	57
AEON FINANCIAL SERVICE CO LT	45
AEON MALL CO LTD	16
AERCAP HOLDINGS NV	30
AES CORP	46
AFFILIATED MANAGERS GROUP	42
AFLAC INC	59
AGC INC	38
AGEAS	52
AGILE GROUP HOLDINGS LTD	39
AGILENT TECHNOLOGIES INC	64
AGL ENERGY LTD	49
AGNC INVESTMENT CORP	57
AGNICO EAGLE MINES LTD	37
AGRICULTURAL BANK OF CHINA-H	46
AGUAS ANDINAS SA-A	42
AIA GROUP LTD	65
AIB GROUP PLC	55
AIR CHINA LTD-H	14
AIR LIQUIDE SA	43
AIR PRODUCTS & CHEMICALS INC	18
AIR WATER INC	18
AIRASIA GROUP BHD	20
AIRBUS SE	59
AIRPORTS OF THAILAND PCL	44
AIRTAC INTERNATIONAL GROUP	0
AISIN SEIKI CO LTD	31
AISINO CORP-A	35
AJINOMOTO CO INC	36
AKAMAI TECHNOLOGIES INC	55
AKBANK T.A.S.	63
AKER BP ASA	24
AKZO NOBEL N.V.	59
ALBEMARLE CORP	49
ALDAR PROPERTIES PJSC	0

ALEXANDRIA REAL ESTATE EQUIT	31
ALEXION PHARMACEUTICALS INC	43
ALFA LAVAL AB	59
ALFA S.A.B.-A	31
ALFRESA HOLDINGS CORP	42
ALIBABA GROUP HOLDING-SP ADR	45
ALIBABA HEALTH INFORMATION T	39
ALIBABA PICTURES GROUP LTD	43
ALIGN TECHNOLOGY INC	55
ALIMENTATION COUCHE-TARD -B	41
ALIOR BANK SA	60
ALKERMES PLC	43
ALLEGHANY CORP	55
ALLEGION PLC	56
ALLERGAN PLC	62
ALLIANCE BANK MALAYSIA BHD	47
ALLIANCE DATA SYSTEMS CORP	63
ALLIANCE GLOBAL GROUP INC	24
ALLIANT ENERGY CORP	41
ALLIANZ SE-REG	73
ALLSTATE CORP	66
ALLY FINANCIAL INC	64
ALNYLAM PHARMACEUTICALS INC	46
ALPHA BANK AE	63
ALPHABET INC-CL C	52
ALPS ALPINE CO LTD	13
ALROSA PJSC	28
ALSEA SAB DE CV	39
ALSTOM	58
ALTAGAS LTD	34
ALTICE USA INC- A	0
ALTRIA GROUP INC	59
ALUMINA LTD	21
ALUMINUM CORP OF CHINA LTD-H	12
AMADA HOLDINGS CO LTD	20
AMADEUS IT GROUP SA	68
AMAZON.COM INC	43
AMBEV SA	45
AMBUJA CEMENTS LTD	17
AMCOR LIMITED	46
AMERCO	40
AMEREN CORPORATION	37

AMERICA MOVIL SAB DE C-SER L	50
AMERICAN AIRLINES GROUP INC	27
AMERICAN ELECTRIC POWER	39
AMERICAN EXPRESS CO	56
AMERICAN FINANCIAL GROUP INC	52
AMERICAN INTERNATIONAL GROUP	63
AMERICAN TOWER CORP	27
AMERICAN WATER WORKS CO INC	64
AMERIPRISE FINANCIAL INC	58
AMERISOURCEBERGEN CORP	60
AMETEK INC	40
AMGEN INC	57
AMMB HOLDINGS BHD	61
AMOREPACIFIC CORP	60
AMOREPACIFIC GROUP	40
AMP LTD	64
AMPHENOL CORP-CL A	33
AMUNDI SA	55
ANA HOLDINGS INC	23
ANADARKO PETROLEUM CORP	20
ANADOLU EFES BIRACILIK VE	39
ANALOG DEVICES INC	52
ANDRITZ AG	41
ANGANG STEEL CO LTD-H	8
ANGLO AMERICAN PLATINUM LTD	42
ANGLO AMERICAN PLC	17
ANGLOGOLD ASHANTI LTD	49
ANHEUSER-BUSCH INBEV SA/NV	37
ANHUI CONCH CEMENT CO LTD-H	7
ANNALY CAPITAL MANAGEMENT IN	49
ANSYS INC	53
ANTA SPORTS PRODUCTS LTD	36
ANTHEM INC	69
ANTOFAGASTA PLC	26
ANXIN TRUST CO LTD-A	61
AON PLC	60
AOZORA BANK LTD	43
AP MOLLER-MAERSK A/S-B	20
APA GROUP	28
APACHE CORP	19
APPLE INC	60
APPLIED MATERIALS INC	58

APTIV PLC	53
ARAMARK	43
ARC RESOURCES LTD	18
ARCA CONTINENTAL SAB DE CV	36
ARCELIK AS	46
ARCELORMITTAL	11
ARCH CAPITAL GROUP LTD	40
ARCHER-DANIELS-MIDLAND CO	31
ARCONIC INC	32
ARISTA NETWORKS INC	65
ARISTOCRAT LEISURE LTD	54
ARKEMA	33
AROUNDTOWN SA	44
ARROW ELECTRONICS INC	49
ARTHUR J GALLAGHER & CO	51
ASAHI GROUP HOLDINGS LTD	46
ASAHI INTECC CO LTD	0
ASAHI KASEI CORP	28
ASCENDAS REAL ESTATE INV TRT	50
ASE TECHNOLOGY HOLDING CO LT	48
ASELSAN ELEKTRONIK SANAYI	34
ASHOK LEYLAND LTD	24
ASHTREAD GROUP PLC	32
ASIA CEMENT CORP	13
ASIAN PAINTS LTD	37
ASICS CORP	55
ASM PACIFIC TECHNOLOGY	45
ASML HOLDING NV	67
ASPEN PHARMACARE HOLDINGS LT	49
ASSA ABLOY AB-B	57
ASSICURAZIONI GENERALI	69
ASSOCIATED BRITISH FOODS PLC	41
ASSURANT INC	61
ASTELLAS PHARMA INC	60
ASTRA INTERNATIONAL TBK PT	36
ASTRAZENECA PLC	62
ASUSTEK COMPUTER INC	56
ASX LTD	61
AT&T INC	52
ATACADAO DISTRIBUICAO COMERC	0
ATCO LTD -CLASS I	14
ATHENE HOLDING LTD-CLASS A	47

ATLANTIA SPA	59
ATLAS COPCO AB-A SHS	61
ATMOS ENERGY CORP	27
ATOS SE	64
AU OPTRONICS CORP	49
AUCKLAND INTL AIRPORT LTD	61
AURIZON HOLDINGS LTD	31
AUROBINDO PHARMA LTD	17
AURORA CANNABIS INC	1
AUSNET SERVICES	40
AUST AND NZ BANKING GROUP	73
AUTO TRADER GROUP PLC	59
AUTODESK INC	67
AUTOHOME INC-ADR	40
AUTOLIV INC	57
AUTOMATIC DATA PROCESSING	62
AUTOZONE INC	41
AVALONBAY COMMUNITIES INC	55
AVENUE SUPERMARTS LTD	25
AVERY DENNISON CORP	46
AVIC AIRCRAFT CO LTD-A	41
AVIC CAPITAL CO LTD -A	37
AVIC SHENYANG AIRCRAFT CO -A	42
AVICHINA INDUSTRY & TECH-H	34
AVIVA PLC	71
AXA EQUITABLE HOLDINGS INC	49
AXA SA	80
AXALTA COATING SYSTEMS LTD	41
AXEL SPRINGER SE	63
AXIATA GROUP BERHAD	28
AXIS BANK LTD	51
AYALA CORPORATION	34
AYALA LAND INC	52
AZRIELI GROUP LTD	40
B2W CIA DIGITAL	59
B3 SA-BRASIL BOLSA BALCAO	64
BABCOCK INTL GROUP PLC	46
BAE SYSTEMS PLC	49
BAIC MOTOR CORP LTD-H	38
BAIDU INC - SPON ADR	41
BAJAJ AUTO LTD	42
BAJAJ FINANCE LTD	33

BAJAJ FINSERV LTD	40
BAKER HUGHES A GE CO	45
BALL CORP	44
BALOISE HOLDING AG - REG	51
BANCO BILBAO VIZCAYA ARGENTA	63
BANCO BRADESCO S.A.	47
BANCO DE CHILE	42
BANCO DE CREDITO E INVERSION	51
BANCO DE SABADELL SA	60
BANCO DO BRASIL S.A.	51
BANCO SANTANDER BRASIL-UNIT	66
BANCO SANTANDER CHILE	54
BANCO SANTANDER MEXICO SA IN	49
BANCO SANTANDER SA	69
BANCOLOMBIA SA	61
BANCOLOMBIA SA-PREF	62
BANDAI NAMCO HOLDINGS INC	43
BANGKOK BANK PCL-FOREIGN REG	59
BANGKOK DUSIT MED SERVICE	38
BANGKOK EXPRESSWAY & METRO P	42
BANK CENTRAL ASIA TBK PT	51
BANK DANAMON INDONESIA TBK	60
BANK HANDLOWY W WARSZAWIE SA	60
BANK HAPOALIM BM	64
BANK LEUMI LE-ISRAEL	67
BANK MANDIRI PERSERO TBK PT	56
BANK MILLENNIUM SA	47
BANK NEGARA INDONESIA PERSER	53
BANK OF AMERICA CORP	66
BANK OF BEIJING CO LTD -A	63
BANK OF CHINA LTD-H	48
BANK OF COMMUNICATIONS CO-H	52
BANK OF EAST ASIA LTD	47
BANK OF GUIYANG CO LTD-A	53
BANK OF HANGZHOU CO LTD-A	26
BANK OF IRELAND GROUP PLC	63
BANK OF JIANGSU CO LTD-A	55
BANK OF KYOTO LTD/THE	28
BANK OF MONTREAL	68
BANK OF NANJING CO LTD -A	49
BANK OF NEW YORK MELLON CORP	62
BANK OF NINGBO CO LTD -A	61

BANK OF NOVA SCOTIA	68
BANK OF QUEENSLAND LTD	69
BANK OF SHANGHAI CO LTD-A	56
BANK OF THE PHILIPPINE ISLAN	58
BANK PEKAO SA	53
BANK RAKYAT INDONESIA PERSER	48
BANK TABUNGAN NEGARA PERSERO	55
BANKIA SA	60
BANKINTER SA	64
BANPU PUBLIC CO LTD	3
BAOSHAN IRON & STEEL CO-A	22
BAOZUN INC-SPN ADR	21
BARCLAYS PLC	57
BARRATT DEVELOPMENTS PLC	62
BARRICK GOLD CORP	38
BARRY CALLEBAUT AG-REG	39
BARWA REAL ESTATE CO	28
BASF SE	47
BAUSCH HEALTH COS INC	31
BAXTER INTERNATIONAL INC	46
BAYER AG-REG	58
BAYERISCHE MOTOREN WERKE AG	61
BB SEGURIDADE PARTICIPACOES	40
BB&T CORP	60
BBMG CORP-H	0
BBMG CORPORATION-A	5
BCE INC	61
BDO UNIBANK INC	54
BECTON DICKINSON AND CO	55
BEIERSDORF AG	61
BEIGENE LTD-ADR	60
BEIJING CAPITAL CO LTD-A	47
BEIJING CAPITAL INTL AIRPO-H	30
BEIJING DABEINONG TECHNOLO-A	5
BEIJING ENTERPRISES HLDGS	29
BEIJING ENTERPRISES WATER GR	39
BEIJING SHIJI INFORMATION -A	48
BEIJING TONGRENTANG CO-A	67
BENDIGO AND ADELAIDE BANK	58
BENESSE HOLDINGS INC	43
BERKELEY GROUP HOLDINGS/THE	65
BERKSHIRE HATHAWAY INC-CL B	20

BERLI JUCKER PUBLIC CO LTD	31
BEST BUY CO INC	65
BEZEQ THE ISRAELI TELECOM CO	33
BGF RETAIL CO LTD	26
BHARAT FORGE LTD	29
BHARAT PETROLEUM CORP LTD	16
BHARTI AIRTEL LTD	50
BHARTI INFRATEL LTD	47
BHP GROUP LTD	21
BID CORP LTD	43
BIDVEST GROUP LTD	47
BIM BIRLESIK MAGAZALAR AS	25
BIOGEN INC	72
BIOMARIN PHARMACEUTICAL INC	42
BIOMERIEUX	48
BLACKBERRY LTD	62
BLACKROCK INC	55
BLUESCOPE STEEL LTD	26
BNK FINANCIAL GROUP INC	48
BNP PARIBAS	68
BOC AVIATION LTD	45
BOC HONG KONG HOLDINGS LTD	56
BOE TECHNOLOGY GROUP CO LT-A	41
BOEING CO/THE	57
BOLIDEN AB	43
BOLLORE	38
BOMBARDIER INC-B	47
BOOKING HOLDINGS INC	48
BORAL LTD	28
BORGWARNER INC	51
BOSCH LTD	41
BOSTON PROPERTIES INC	39
BOSTON SCIENTIFIC CORP	57
BOUYGUES SA	39
BP PLC	34
BR MALLS PARTICIPACOES SA	33
BRAMBLES LTD	70
BRASKEM SA-PREF A	23
BRENNTAG AG	54
BRF SA	46
BRIDGESTONE CORP	39
BRIGHTHOUSE FINANCIAL INC	57

BRILLIANCE CHINA AUTOMOTIVE	43
BRISTOL-MYERS SQUIBB CO	60
BRITANNIA INDUSTRIES LTD	37
BRITISH AMERICAN TOBACCO BHD	65
BRITISH AMERICAN TOBACCO PLC	56
BRITISH LAND CO PLC	55
BROADCOM INC	42
BROADRIDGE FINANCIAL SOLUTIO	52
BROOKFIELD ASSET MANAGE-CL A	39
BROOKFIELD PROPERTY REIT I-A	55
BROTHER INDUSTRIES LTD	47
BROWN-FORMAN CORP-CLASS B	53
BT GROUP PLC	57
BTS GROUP HOLDINGS PCL	49
BUKIT ASAM TBK PT	1
BUMI SERPONG DAMAI PT	37
BUMRUNGRAD HOSPITAL PCL	39
BUNGE LTD	52
BUNZL PLC	58
BURBERRY GROUP PLC	77
BUREAU VERITAS SA	55
BURLINGTON STORES INC	52
BYD CO LTD-H	41
BYD ELECTRONIC INTL CO LTD	34
C.H. ROBINSON WORLDWIDE INC	43
CABOT OIL & GAS CORP	20
CADENCE DESIGN SYS INC	47
CADILA HEALTHCARE LTD	22
CAE INC	54
CAIXABANK SA	68
CALBEE INC	35
CALTEX AUSTRALIA LTD	52
CAMDEN PROPERTY TRUST	34
CAMECO CORP	53
CAMPBELL SOUP CO	53
CAN IMPERIAL BK OF COMMERCE	67
CANADIAN NATL RAILWAY CO	28
CANADIAN NATURAL RESOURCES	15
CANADIAN PACIFIC RAILWAY LTD	27
CANADIAN TIRE CORP-CLASS A	57
CANADIAN UTILITIES LTD-A	15
CANON INC	45

CANOPY GROWTH CORP	29
CAPGEMINI SE	64
CAPITAL ONE FINANCIAL CORP	55
CAPITALAND COMMERCIAL TRUST	45
CAPITALAND LTD	42
CAPITALAND MALL TRUST	46
CAPITEC BANK HOLDINGS LTD	45
CAPRI HOLDINGS LTD	57
CAR INC	38
CARDINAL HEALTH INC	69
CARLSBERG AS-B	48
CARMAX INC	39
CARNIVAL PLC	26
CARREFOUR SA	52
CASINO GUICHARD PERRACHON	47
CASIO COMPUTER CO LTD	50
CATCHER TECHNOLOGY CO LTD	34
CATERPILLAR INC	49
CATHAY FINANCIAL HOLDING CO	64
CBOE GLOBAL MARKETS INC	44
CBRE GROUP INC - A	62
CBS CORP-CLASS B NON VOTING	45
CCC SA	39
CCL INDUSTRIES INC - CL B	46
CCR SA	45
CD PROJEKT SA	37
CDK GLOBAL INC	50
CDW CORP/DE	55
CELANESE CORP	29
CELGENE CORP	59
CELLTRION HEALTHCARE CO LTD	1
CELLTRION INC	0
CELLTRION PHARM INC	0
CEMENTOS ARGOS SA	20
CEMEX SAB-CPO	19
CENCOSUD SA	43
CENOVUS ENERGY INC	20
CENTENE CORP	45
CENTERPOINT ENERGY INC	33
CENTRAIS ELETRICAS BRASILIER	23
CENTRAIS ELETRICAS BRAS-PR B	38
CENTRAL JAPAN RAILWAY CO	16

CENTRAL PATTANA PUB CO LTD	37
CENTRICA PLC	49
CENTURYLINK INC	43
CERNER CORP	50
CEZ AS	31
CF INDUSTRIES HOLDINGS INC	16
CGI INC	47
CGN POWER CO LTD-H	38
CHAILEASE HOLDING CO LTD	52
CHALLENGER LTD	61
CHANG HWA COMMERCIAL BANK	49
CHANGJIANG SECURITIES CO L-A	35
CHAROEN POKPHAND FOODS PUB	19
CHAROEN POKPHAND INDONESIA PT	24
CHARTER COMMUNICATIONS INC-A	39
CHECK POINT SOFTWARE TECH	53
CHEIL WORLDWIDE INC	0
CHEMOURS CO/THE	26
CHENG SHIN RUBBER IND CO LTD	31
CHENIERE ENERGY INC	32
CHEVRON CORP	26
CHIBA BANK LTD/THE	39
CHICONY ELECTRONICS CO LTD	53
CHINA AGRI-INDUSTRIES HLDGS	46
CHINA AIRLINES LTD	21
CHINA AVIONICS SYSTEMS CO -A	23
CHINA CINDA ASSET MANAGEME-H	41
CHINA CITIC BANK CORP LTD-H	48
CHINA COAL ENERGY CO-H	1
CHINA COMMUNICATIONS CONST-H	31
CHINA COMMUNICATIONS SERVI-H	42
CHINA CONCH VENTURE HOLDINGS	33
CHINA CONSTRUCTION BANK-H	47
CHINA DEVELOPMENT FINANCIAL	61
CHINA EASTERN AIRLINES CO-H	14
CHINA EVERBRIGHT BANK CO L-H	45
CHINA EVERBRIGHT INTL LTD	42
CHINA EVERBRIGHT LTD	37
CHINA EVERGRANDE GROUP	38
CHINA FILM CO LTD-A	53
CHINA FIRST CAPITAL GROUP LT	30
CHINA FORTUNE LAND DEVELOP-A	25

CHINA GALAXY SECURITIES CO-H	35
CHINA GAS HOLDINGS LTD	25
CHINA GEZHOUBA GROUP CO LT-A	27
CHINA GRAND AUTOMOTIVE SER-A	42
CHINA HONGQIAO GROUP LTD	21
CHINA HUARONG ASSET MANAGE-H	28
CHINA INTERNATIONAL CAPITA-H	39
CHINA INTERNATIONAL TRAVEL-A	0
CHINA JINMAO HOLDINGS GROUP	36
CHINA LIFE INSURANCE CO LTD	66
CHINA LIFE INSURANCE CO-H	42
CHINA LITERATURE LTD	42
CHINA LONGYUAN POWER GROUP-H	34
CHINA MEDICAL SYSTEM HOLDING	51
CHINA MENGNIU DAIRY CO	36
CHINA MERCHANTS BANK-H	49
CHINA MERCHANTS PORT HOLDING	27
CHINA MERCHANTS SHEKOU IND-A	23
CHINA MINSHENG BANKING COR-H	55
CHINA MOBILE LTD	32
CHINA MOLYBDENUM CO LTD-H	11
CHINA NATIONAL BUILDING MA-H	10
CHINA NATIONAL CHEMICAL-A	31
CHINA NATIONAL NUCLEAR POW-A	35
CHINA NORTHERN RARE EARTH -A	5
CHINA OILFIELD SERVICES-H	18
CHINA OVERSEAS LAND & INVEST	43
CHINA PACIFIC INSURANCE GR-H	51
CHINA PETROLEUM & CHEMICAL-H	19
CHINA POWER INTERNATIONAL	32
CHINA RAILWAY CONSTRUCTION-H	28
CHINA RAILWAY GROUP LTD-H	20
CHINA RAILWAY SIGNAL & COM-H	28
CHINA REINSURANCE GROUP CO-H	45
CHINA RESOURCES BEER HOLDING	24
CHINA RESOURCES CEMENT	5
CHINA RESOURCES GAS GROUP LT	26
CHINA RESOURCES LAND LTD	34
CHINA RESOURCES PHARMACEUTIC	39
CHINA RESOURCES POWER HOLDIN	32
CHINA RESOURCES SANJIU MED-A	46
CHINA SHENHUA ENERGY CO-H	2

CHINA SHIPBUILDING INDUSTR-A	50
CHINA SOUTH PUBLISHING -A	32
CHINA SOUTHERN AIRLINES CO-H	13
CHINA SPACESAT CO LTD -A	30
CHINA STATE CONSTRUCTION -A	25
CHINA STATE CONSTRUCTION INT	23
CHINA STEEL CORP	18
CHINA TAIPING INSURANCE HOLD	44
CHINA TELECOM CORP LTD-H	40
CHINA TRADITIONAL CHINESE ME	36
CHINA TRAVEL INTL INV HK	27
CHINA UNICOM HONG KONG LTD	26
CHINA UNITED NETWORK-A	52
CHINA VANKE CO LTD-H	39
CHINA YANGTZE POWER CO LTD-A	25
CHINA ZHONGWANG HOLDINGS LTD	11
CHINESE UNIVERSE PUBLISHIN-A	5
CHIPOTLE MEXICAN GRILL INC	35
CHOCOLADEFABRIKEN LINDT-REG	48
CHONGQING CHANGAN AUTOMOB-A	36
CHONGQING RURAL COMMERCIAL-H	46
CHR HANSEN HOLDING A/S	62
CHUBB LTD	50
CHUBU ELECTRIC POWER CO INC	29
CHUGAI PHARMACEUTICAL CO LTD	35
CHUGOKU ELECTRIC POWER CO	25
CHUNGHWA TELECOM CO LTD	41
CHURCH & DWIGHT CO INC	56
CI FINANCIAL CORP	49
CIA BRASILEIRA DE DIS-PREF	11
CIA CERVECERIAS UNIDAS SA	32
CIA DE MINAS BUENAVENTUR-ADR	5
CIA ENERGETICA MINAS GER-PRF	37
CIA SANEAMENTO BASICO DE SP	29
CIA SIDERURGICA NACIONAL SA	10
CIE FINANCIERE RICHEMONT-REG	61
CIELO SA	63
CIFI HOLDINGS GROUP CO LTD	39
CIGNA CORP	67
CIMAREX ENERGY CO	16
CIMB GROUP HOLDINGS BHD	61
CIMIC GROUP LTD	34

CINCINNATI FINANCIAL CORP	50
CINTAS CORP	44
CIPLA LTD	50
CISCO SYSTEMS INC	58
CIT GROUP INC	60
CITIC GUOAN INFORMATION-A	46
CITIC LTD	17
CITIC SECURITIES CO LTD-H	39
CITIGROUP INC	63
CITIZENS FINANCIAL GROUP	52
CITRIX SYSTEMS INC	54
CITY DEVELOPMENTS LTD	57
CJ CHEILJEDANG CORP	43
CJ CORP	17
CJ ENM CO LTD	0
CJ LOGISTICS	30
CK ASSET HOLDINGS LTD	42
CK HUTCHISON HOLDINGS LTD	33
CK INFRASTRUCTURE HOLDINGS L	29
CLARIANT AG-REG	47
CLICKS GROUP LTD	58
CLOROX COMPANY	59
CLP HOLDINGS LTD	45
CME GROUP INC	52
CMS ENERGY CORP	48
CNH INDUSTRIAL NV	67
CNOOC LTD	16
CNP ASSURANCES	64
COAL INDIA LTD	3
COCA-COLA AMATIL LTD	65
COCA-COLA BOTTLERS JAPAN HOL	32
COCA-COLA CO/THE	59
COCA-COLA EUROPEAN PARTNERS	58
COCA-COLA FEMSA SAB-SER L	55
COCA-COLA HBC AG-DI	51
COCHLEAR LTD	46
COGNEX CORP	37
COGNIZANT TECH SOLUTIONS-A	52
COLBUN SA	32
COLGATE-PALMOLIVE CO	52
COLOPLAST-B	61
COLRUYT SA	37

COMCAST CORP-CLASS A	51
COMERICA INC	55
COMFORTDELGRO CORP LTD	28
COMMERCIAL BANK PQSC	45
COMMERCIAL INTERNATIONAL BAN	62
COMMERZBANK AG	68
COMMONWEALTH BANK OF AUSTRAL	69
COMMSCOPE HOLDING CO INC	60
COMPAGNIE DE SAINT GOBAIN	44
COMPAL ELECTRONICS	60
COMPASS GROUP PLC	65
COMPUTERSHARE LTD	61
CONAGRA BRANDS INC	48
CONCHO RESOURCES INC	23
CONCORDIA FINANCIAL GROUP LT	38
CONOCOPHILLIPS	26
CONSOLIDATED EDISON INC	27
CONSTELLATION BRANDS INC-A	43
CONSTELLATION SOFTWARE INC	1
CONTAINER CORP OF INDIA LTD	27
CONTINENTAL AG	52
CONTINENTAL RESOURCES INC/OK	13
CONVATEC GROUP PLC	68
COOPER COS INC/THE	40
COPART INC	27
CORNING INC	36
COSAN SA	30
COSCO SHIPPING ENERGY TRAN-H	16
COSCO SHIPPING HOLDINGS CO-H	14
COSCO SHIPPING PORTS LTD	20
COSTAR GROUP INC	46
COSTCO WHOLESALE CORP	46
COTY INC-CL A	54
COUNTRY GARDEN HOLDINGS CO	38
COUNTRY GARDEN SERVICES HOLD	48
COVESTRO AG	35
COVIVIO	55
COWAY CO LTD	62
CP ALL PCL	41
CREDICORP LTD	47
CREDIT AGRICOLE SA	61
CREDIT SAISON CO LTD	41

CREDIT SUISSE GROUP AG-REG	51
CRH PLC	30
CRODA INTERNATIONAL PLC	50
CROWN CASTLE INTL CORP	42
CROWN HOLDINGS INC	28
CROWN RESORTS LTD	50
CRRC CORP LTD - H	30
CSL LTD	62
CSPC PHARMACEUTICAL GROUP LT	17
CSX CORP	28
CTBC FINANCIAL HOLDING CO LT	64
CTRIIP.COM INTERNATIONAL-ADR	46
CUMMINS INC	55
CVS HEALTH CORP	73
CYBERAGENT INC	41
CYFROWY POLSAT SA	40
DABUR INDIA LTD	34
DAELIM INDUSTRIAL CO LTD	36
DAEWOO ENGINEERING & CONSTR	56
DAEWOO SHIPBUILDING & MARINE	16
DAI NIPPON PRINTING CO LTD	34
DAICEL CORP	31
DAIFUKU CO LTD	42
DAI-ICHI LIFE HOLDINGS INC	59
DAIICHI SANKYO CO LTD	42
DAIKIN INDUSTRIES LTD	38
DAIMLER AG-REGISTERED SHARES	61
DAIRY FARM INTL HLDGS LTD	23
DAITO TRUST CONSTRUCT CO LTD	41
DAIWA HOUSE INDUSTRY CO LTD	52
DAIWA HOUSE REIT INVESTMENT	1
DAIWA SECURITIES GROUP INC	52
DALI FOODS GROUP CO LTD	31
DAMAC PROPERTIES DUBAI CO	1
DANAHER CORP	48
DANONE	58
DANSKE BANK A/S	63
DAQIN RAILWAY CO LTD -A	0
DARDEN RESTAURANTS INC	37
DASSAULT AVIATION SA	33
DASSAULT SYSTEMES SA	54
DATANG INTL POWER GEN CO-H	17

DAVIDE CAMPARI-MILANO SPA	37
DAVITA INC	53
DB INSURANCE CO LTD	63
DBS GROUP HOLDINGS LTD	64
DCC PLC	64
DEERE & CO	47
DELIVERY HERO SE	30
DELL TECHNOLOGIES -C	47
DELTA AIR LINES INC	27
DELTA ELECTRONICS INC	35
DELTA ELECTRONICS THAI PCL	58
DENA CO LTD	41
DENSO CORP	40
DENTSPLY SIRONA INC	42
DENTSU INC	36
DEUTSCHE BANK AG-REGISTERED	58
DEUTSCHE BOERSE AG	61
DEUTSCHE LUFTHANSA-REG	24
DEUTSCHE POST AG-REG	54
DEUTSCHE TELEKOM AG-REG	58
DEUTSCHE WOHNEN SE	33
DEVON ENERGY CORP	26
DEXCOM INC	35
DEXUS	45
DGB FINANCIAL GROUP INC	56
DHC SOFTWARE CO LTD -A	48
DIAGEO PLC	65
DIALOG GROUP BHD	38
DIAMONDBACK ENERGY INC	18
DIGI.COM BHD	40
DIGITAL REALTY TRUST INC	46
DINO POLSKA SA	1
DIRECT LINE INSURANCE GROUP	60
DISCO CORP	33
DISCOVER FINANCIAL SERVICES	57
DISCOVERY INC - A	41
DISCOVERY INC-C	47
DISCOVERY LTD	54
DISH NETWORK CORP-A	29
DIVI'S LABORATORIES LTD	23
DMCI HOLDINGS INC	0
DNB ASA	80

DOLLAR GENERAL CORP	50
DOLLAR TREE INC	38
DOLLARAMA INC	42
DOMINION ENERGY INC	42
DOMINO'S PIZZA ENTERPRISES L	31
DOMINO'S PIZZA INC	31
DONG-E-E-JIAOCO LTD-A	32
DONGFENG MOTOR GRP CO LTD-H	34
DONGXING SECURITIES CO LT-A	0
DOOSAN BOBCAT INC	38
DOVER CORP	49
DOWDUPONT INC	47
DP WORLD PLC	26
DR HORTON INC	39
DR. REDDY'S LABORATORIES	30
DSV A/S	29
DTE ENERGY COMPANY	39
DUBAI ISLAMIC BANK	0
DUFREY AG-REG	43
DUKE ENERGY CORP	43
DUKE REALTY CORP	40
DXC TECHNOLOGY CO	59
E*TRADE FINANCIAL CORP	56
E.ON SE	53
E.SUN FINANCIAL HOLDING CO	64
EAST JAPAN RAILWAY CO	39
EAST WEST BANCORP INC	53
EASTERN CO	0
EASTMAN CHEMICAL CO	22
EASYJET PLC	22
EATON CORP PLC	56
EATON VANCE CORP	52
EBAY INC	62
ECLAT TEXTILE COMPANY LTD	22
ECOLAB INC	51
ECOPETROL SA	20
EDENRED	66
EDF	44
EDISON INTERNATIONAL	49
EDP-ENERGIAS DE PORTUGAL SA	48
EDWARDS LIFESCIENCES CORP	58
EICHER MOTORS LTD	31

EIFPAGE	46
EISAI CO LTD	52
EL PUERTO DE LIVERPOOL-C1	31
ELBIT SYSTEMS LTD	46
ELECTRIC POWER DEVELOPMENT C	23
ELECTRICITY GENERATING PCL	23
ELECTROLUX AB-SER B	61
ELECTRONIC ARTS INC	52
ELI LILLY & CO	46
ELISA OYJ	62
ELSWEDY ELECTRIC CO	32
EMAAR MALLS PJSC	1
EMAAR PROPERTIES PJSC	18
E-MART INC	1
EMBOTELLADORA ANDINA-PREF B	45
EMBRAER SA	53
EMERA INC	42
EMERSON ELECTRIC CO	51
EMIRATES TELECOM GROUP CO	23
EMPIRE CO LTD 'A'	41
EMPRESA NACIONAL DE TELECOM	45
EMPRESAS CMPC SA	34
EMPRESAS COPEC SA	34
EMS-CHEMIE HOLDING AG-REG	27
ENAGAS SA	41
ENBRIDGE INC	47
ENCANA CORP	23
ENDESA SA	48
ENEL AMERICAS SA	34
ENEL CHILE SA	41
ENEL SPA	47
ENERGY ABSOLUTE PCL	37
ENGIE	46
ENGIE BRASIL ENERGIA SA	18
ENI SPA	25
ENN ENERGY HOLDINGS LTD	37
ENTERGY CORP	42
EOG RESOURCES INC	23
EPIROC AB-A	48
EQUATORIAL ENERGIA SA - ORD	28
EQUIFAX INC	49
EQUINIX INC	28

EQUINOR ASA	35
EQUITY RESIDENTIAL	46
EREGLI DEMIR VE CELIK FABRIK	13
ERICSSON LM-B SHS	65
ERSTE GROUP BANK AG	69
ESSEX PROPERTY TRUST INC	34
ESSILORLUXOTTICA	50
ESSITY AKTIEBOLAG-B	52
ESTEE LAUDER COMPANIES-CL A	57
EURAZEO SE	42
EUROFINS SCIENTIFIC	52
EUTELSAT COMMUNICATIONS	50
EVA AIRWAYS CORP	20
EVEREST RE GROUP LTD	41
EVERGREEN MARINE CORP LTD	17
EVERGY INC	38
EVERSOURCE ENERGY	40
EVONIK INDUSTRIES AG	31
EXELON CORP	46
EXOR NV	46
EXPEDIA GROUP INC	42
EXPEDITORS INTL WASH INC	50
EXPERIAN PLC	59
EXTRA SPACE STORAGE INC	34
EXXARO RESOURCES LTD	5
EXXON MOBIL CORP	27
EZDAN HOLDING GROUP	0
F5 NETWORKS INC	51
FACEBOOK INC-CLASS A	48
FAIRFAX FINANCIAL HLDGS LTD	40
FAMILYMART UNY HOLDINGS CO L	21
FANGDA CARBON NEW MATERIAL-A	34
FANUC CORP	29
FAR EAST HORIZON LTD	48
FAR EASTERN NEW CENTURY CORP	33
FAR EASTONE TELECOMM CO LTD	45
FAST RETAILING CO LTD	43
FASTENAL CO	45
FAURECIA	53
FEDERAL REALTY INVS TRUST	50
FEDEX CORP	30
FENG TAY ENTERPRISE CO LTD	32

FERGUSON PLC	57
FERRARI NV	44
FERROVIAL SA	47
FIAT CHRYSLER AUTOMOBILES NV	47
FIBRA UNO ADMINISTRACION SA	38
FIDELITY NATIONAL FINANCIAL	48
FIDELITY NATIONAL INFO SERV	56
FIFTH THIRD BANCORP	64
FILA KOREA LTD	0
FINANCIAL STREET HOLDINGS-A	31
FINNING INTERNATIONAL INC	50
FIRST ABU DHABI BANK PJSC	46
FIRST CAPITAL REALTY INC	58
FIRST CAPITAL SECURITIES C-A	33
FIRST DATA CORP- CLASS A	48
FIRST FINANCIAL HOLDING CO	66
FIRST QUANTUM MINERALS LTD	24
FIRST REPUBLIC BANK/CA	61
FIRSTENERGY CORP	41
FIRSTRAND LTD	51
FISERV INC	49
FISHER & PAYKEL HEALTHCARE C	63
FLEETCOR TECHNOLOGIES INC	40
FLETCHER BUILDING LTD	29
FLEX LTD	59
FLIGHT CENTRE TRAVEL GROUP L	58
FLIR SYSTEMS INC	46
FLOWSERVE CORP	50
FLUOR CORP	50
FMC CORP	50
FOCUS MEDIA INFORMATION TE-A	32
FOMENTO ECONOMICO MEXICA-UBD	37
FORD MOTOR CO	47
FORD OTOMOTIV SANAYI AS	48
FORMOSA CHEMICALS & FIBRE	15
FORMOSA PETROCHEMICAL CORP	17
FORMOSA PLASTICS CORP	13
FORMOSA TAFFETA CO.	23
FORTESCUE METALS GROUP LTD	38
FORTINET INC	45
FORTIS INC	45
FORTIVE CORP	50

FORTRESS REIT LTD-A	40
FORTUM OYJ	49
FORTUNE BRANDS HOME & SECURI	51
FOSHAN HAITIAN FLAVOURING -A	27
FOSUN INTERNATIONAL LTD	30
FOUNDER SECURITIES CO LTD-A	35
FOXCONN INDUSTRIAL INTERNE-A	5
FOXCONN TECHNOLOGY CO LTD	37
FRANCO-NEVADA CORP	46
FRANKLIN RESOURCES INC	49
FRAPORT AG FRANKFURT AIRPORT	50
FRASER & NEAVE HOLDINGS BHD	22
FREEMPORT-MCMORAN INC	34
FRESENIUS MEDICAL CARE AG &	49
FRESENIUS SE & CO KGAA	55
FRESNILLO PLC	27
FUBON FINANCIAL HOLDING CO	71
FUCHS PETROLUB SE -PREF	40
FUJI ELECTRIC CO LTD	41
FUJIFILM HOLDINGS CORP	35
FUJITSU LTD	58
FUKUOKA FINANCIAL GROUP INC	32
FULLSHARE HOLDINGS LTD	29
FUTURE LAND DEVELOPMENT HOLD	31
FUYAO GLASS INDUSTRY GROUP-H	25
G4S PLC	57
GAIL INDIA LTD	17
GALAXY ENTERTAINMENT GROUP L	27
GALP ENERGIA SGPS SA	41
GAMUDA BHD	45
GAP INC/THE	57
GARMIN LTD	44
GARTNER INC	49
GAZPROM PJSC	16
GD POWER DEVELOPMENT CO -A	14
GDS HOLDINGS LTD - ADR	48
GEA GROUP AG	67
GEBERIT AG-REG	55
GECINA SA	54
GEELY AUTOMOBILE HOLDINGS LT	29
GEMDALE CORP-A	21
GENERAL DYNAMICS CORP	46

GENERAL ELECTRIC CO	53
GENERAL MILLS INC	57
GENERAL MOTORS CO	56
GENMAB A/S	49
GENSCRIPT BIOTECH CORP	34
GENTING BHD	24
GENTING MALAYSIA BHD	35
GENTING PLANTATIONS BHD	20
GENTING SINGAPORE LTD	48
GENUINE PARTS CO	43
GERDAU SA-PREF	15
GETLINK SE	54
GF SECURITIES CO LTD-H	43
GIANT MANUFACTURING	32
GIANT NETWORK GROUP CO LTD-A	51
GILDAN ACTIVEWEAR INC	45
GILEAD SCIENCES INC	56
GIVAUDAN-REG	54
GJENSIDIGE FORSIKRING ASA	64
GLAXOSMITHKLINE PLC	62
GLENORE PLC	19
GLENMARK PHARMACEUTICALS LTD	44
GLOBAL PAYMENTS INC	49
GLOBALWAFERS CO LTD	34
GLOBE TELECOM INC	39
GLOW ENERGY PCL	34
GODADDY INC - CLASS A	48
GODREJ CONSUMER PRODUCTS LTD	49
GOERTEK INC -A	46
GOLD FIELDS LTD	30
GOLDCORP INC	37
GOLDEN AGRI-RESOURCES LTD	21
GOLDMAN SACHS GROUP INC	52
GOME RETAIL HOLDINGS LTD	32
GOODMAN GROUP	44
GOODYEAR TIRE & RUBBER CO	33
GPT GROUP	51
GRASIM INDUSTRIES LTD	12
GREAT WALL MOTOR COMPANY-H	36
GREAT-WEST LIFECO INC	66
GREE ELECTRIC APPLIANCES I-A	42
GREENLAND HOLDINGS GROUP C-A	28

GREENTOWN CHINA HOLDINGS	36
GREENTOWN SERVICE GROUP CO L	47
GRIFOLS SA	49
GROUPE BRUXELLES LAMBERT SA	40
GROWTHPOINT PROPERTIES LTD	54
GRUBHUB INC	44
GRUMA S.A.B.-B	25
GRUPA LOTOS SA	32
GRUPO AEROPORT DEL PACIFIC-B	41
GRUPO AEROPORT DEL SURESTE-B	46
GRUPO ARGOS SA	22
GRUPO AVAL ACCIONES SA -PF	42
GRUPO BIMBO SAB- SERIES A	37
GRUPO CARSO SAB DE CV-SER A1	39
GRUPO DE INV SURAMERICANA	61
GRUPO FINANCIERO BANORTE-O	56
GRUPO FINANCIERO INBURSA-O	48
GRUPO MEXICO SAB DE CV-SER B	15
GRUPO TELEVISA SAB-SER CPO	31
GS ENGINEERING & CONSTRUCT	41
GS HOLDINGS	10
GS RETAIL CO LTD	0
GT CAPITAL HOLDINGS INC	47
GUANGDONG INVESTMENT LTD	39
GUANGHUI ENERGY CO LTD-A	9
GUANGSHEN RAILWAY CO LTD-A	30
GUANGZHOU AUTOMOBILE GROUP-H	34
GUANGZHOU HAIGE COMMUNICAT-A	42
GUANGZHOU R&F PROPERTIES - H	34
GUDANG GARAM TBK PT	37
GULF ENERGY DEVELOPMENT PCL	9
GUOSEN SECURITIES CO LTD-A	46
GUOTAI JUNAN SECURITIES CO-H	47
GUOYUAN SECURITIES CO LTD-A	34
GVC HOLDINGS PLC	46
H LUNDBECK A/S	68
H&R BLOCK INC	56
H&R REAL ESTATE INV-REIT UTS	35
HABIB BANK LTD	28
HACI OMER SABANCI HOLDING	23
HAIER ELECTRONICS GROUP CO	29
HAITIAN INTERNATIONAL HLDGS	34

HAITONG SECURITIES CO LTD-H	47
HAKUHODO DY HOLDINGS INC	33
HALLIBURTON CO	35
HAMAMATSU PHOTONICS KK	19
HAMMERSON PLC	50
HANA FINANCIAL GROUP	57
HANESBRANDS INC	51
HANG LUNG GROUP LTD	33
HANG LUNG PROPERTIES LTD	32
HANG SENG BANK LTD	67
HANGZHOU HIKVISION DIGITAL-A	35
HANGZHOU ROBAM APPLIANCES-A	24
HANKOOK TIRE CO LTD	41
HANKYU HANSHIN HOLDINGS INC	21
HANMI PHARM CO LTD	2
HANMI SCIENCE CO LTD	1
HANNOVER RUECK SE	63
HANON SYSTEMS	38
HANWHA CHEMICAL CORP	38
HANWHA CORPORATION	41
HANWHA LIFE INSURANCE CO LTD	0
HAP SENG CONSOLIDATED	24
HARGREAVES LANSDOWN PLC	58
HARLEY-DAVIDSON INC	61
HARRIS CORP	49
HARTALEGA HOLDINGS BHD	50
HARTFORD FINANCIAL SVCS GRP	66
HARVEY NORMAN HOLDINGS LTD	30
HASBRO INC	70
HAVELLS INDIA LTD	37
HCA HEALTHCARE INC	41
HCL TECHNOLOGIES LTD	38
HCP INC	40
HD SUPPLY HOLDINGS INC	45
HEIDELBERGCEMENT AG	16
HEINEKEN HOLDING NV	44
HEINEKEN NV	48
HELLENIC TELECOMMUN ORGANIZA	39
HELMERICH & PAYNE	29
HENAN SHUANGHUI INVESTMENT-A	33
HENDERSON LAND DEVELOPMENT	33
HENGAN INTL GROUP CO LTD	19

HENGTEN NETWORKS GROUP LTD	42
HENGTONG OPTIC-ELECTRIC CO-A	21
HENKEL AG & CO KGAA VORZUG	61
HENNES & MAURITZ AB-B SHS	56
HENRY SCHEIN INC	46
HERMES INTERNATIONAL	36
HERO MOTOCORP LTD	39
HERSHEY CO/THE	55
HESS CORP	24
HESTEEL CO LTD-A	7
HEWLETT PACKARD ENTERPRISE	65
HEXAGON AB-B SHS	57
HIGHWEALTH CONSTRUCTION CORP	38
HIKARI TSUSHIN INC	20
HILTON WORLDWIDE HOLDINGS IN	41
HINDALCO INDUSTRIES LTD	14
HINDUSTAN PETROLEUM CORP	29
HINDUSTAN UNILEVER LTD	38
HINO MOTORS LTD	32
HIROSE ELECTRIC CO LTD	45
HISAMITSU PHARMACEUTICAL CO	20
HITACHI CHEMICAL CO LTD	31
HITACHI CONSTRUCTION MACHINE	44
HITACHI HIGH-TECHNOLOGIES CO	48
HITACHI LTD	48
HITACHI METALS LTD	25
HIWIN TECHNOLOGIES CORP	42
HK ELECTRIC INVESTMENTS -SS	15
HKT TRUST AND HKT LTD-SS	59
HLA CORP LTD -A	40
HLB INC	0
HM SAMPOERNA TBK PT	52
HOCHTIEF AG	39
HOLLYFRONTIER CORP	29
HOLOGIC INC	66
HOME DEPOT INC	58
HOME PRODUCT CENTER PCL	48
HON HAI PRECISION INDUSTRY	42
HONDA MOTOR CO LTD	44
HONEYWELL INTERNATIONAL INC	48
HONG KONG & CHINA GAS	42
HONG KONG EXCHANGES & CLEAR	66

HONG LEONG BANK BERHAD	59
HONG LEONG FINANCIAL GROUP	54
HONGKONG LAND HOLDINGS LTD	17
HORMEL FOODS CORP	39
HOSHIZAKI CORP	1
HOST HOTELS & RESORTS INC	49
HOTAI MOTOR COMPANY LTD	34
HOTEL SHILLA CO LTD	30
HOUSING DEVELOPMENT FINANCE	50
HOYA CORP	43
HP INC	69
HSBC HOLDINGS PLC	57
HUA HONG SEMICONDUCTOR LTD	12
HUA NAN FINANCIAL HOLDINGS C	55
HUAAN SECURITIES CO LTD-A	49
HUADIAN POWER INTL CORP-A	40
HUADIAN POWER INTL CORP-H	23
HUADONG MEDICINE CO LTD-A	49
HUANENG POWER INTL INC-A	29
HUANENG POWER INTL INC-H	26
HUANENG RENEWABLES CORP-H	46
HUATAI SECURITIES CO LTD-H	49
HUAXIA BANK CO LTD-A	34
HUAYU AUTOMOTIVE SYSTEMS -A	30
HUAZHU GROUP LTD-ADR	28
HUBEI BIOCAUSE PHARMACEUTI-A	5
HUBEI ENERGY GROUP CO LTD-A	5
HUGO BOSS AG -ORD	69
HULIC CO LTD	39
HUMANA INC	65
HUNDSUN TECHNOLOGIES INC-A	41
HUNT (JB) TRANSPRT SVCS INC	26
HUNTINGTON BANCSHARES INC	56
HUNTINGTON INGALLS INDUSTRIE	49
HUSKY ENERGY INC	14
HUSQVARNA AB-B SHS	59
HUTCHISON CHINA MEDITECH-ADR	38
HYDRO ONE LTD	41
HYPERA SA	47
HYPROP INVESTMENTS LTD	42
HYSAN DEVELOPMENT CO	47
HYUNDAI DEPT STORE CO	22

HYUNDAI ENGINEERING & CONST	40
HYUNDAI GLOVIS CO LTD	32
HYUNDAI HEAVY INDUSTRIES	36
HYUNDAI HEAVY INDUSTRIES HOL	23
HYUNDAI MARINE & FIRE INS CO	72
HYUNDAI MOBIS CO LTD	49
HYUNDAI MOTOR CO	25
HYUNDAI MOTOR CO LTD-2ND PRF	21
HYUNDAI MOTOR CO LTD-PRF	21
HYUNDAI STEEL CO	19
IA FINANCIAL CORP INC	74
IAC/INTERACTIVECORP	29
IBERDROLA SA	45
ICA GRUPPEN AB	59
ICADE	68
ICICI BANK LTD	48
IDEMITSU KOSAN CO LTD	18
IDEX CORP	49
IDEXX LABORATORIES INC	50
IFLYTEK CO LTD - A	45
IGM FINANCIAL INC	62
IHH HEALTHCARE BHD	42
IHI CORP	40
IHS MARKIT LTD	67
IIDA GROUP HOLDINGS CO LTD	2
IJM CORP BHD	37
ILIAD SA	53
ILLINOIS TOOL WORKS	50
ILLUMINA INC	55
IMERYS SA	23
IMPERIAL BRANDS PLC	62
IMPERIAL OIL LTD	18
INCITEC PIVOT LTD	41
INCYTE CORP	46
IND & COMM BK OF CHINA-H	44
INDAH KIAT PULP & PAPER TBK	23
INDIABULLS HOUSING FINANCE L	40
INDIAN OIL CORP LTD	22
INDOCEMENT TUNGGAL PRAKARSA	10
INDOFOOD CBP SUKSES MAKMUR T	16
INDOFOOD SUKSES MAKMUR TBK P	16
INDORAMA VENTURES PCL	29

INDUSTRIA DE DISEÑO TEXTIL	47
INDUSTRIAL BANK CO LTD -A	58
INDUSTRIAL BANK OF KOREA	39
INDUSTRIAL SECURITIES CO-A	0
INDUSTRIAS PENOLES SAB DE CV	17
INDUSTRIES QATAR	7
INDUSTRIVARDEN AB-C SHS	69
INFINEON TECHNOLOGIES AG	57
INFORMA PLC	66
INFOSYS LTD	60
INFRAESTRUCTURA ENERGETICA N	35
ING GROEP NV	59
INGENICO GROUP	67
INGERSOLL-RAND PLC	61
INGREDION INC	25
INNER MONGOLIA BAOTOU STE-A	7
INNER MONGOLIA YILI INDUS-A	48
INNER MONGOLIA YITAI COAL-B	2
INNOGY SE	43
INNOLUX CORP	32
INPEX CORP	37
INSURANCE AUSTRALIA GROUP	69
INTACT FINANCIAL CORP	63
INTEL CORP	56
INTER PIPELINE LTD	30
INTER RAO UES PJSC	15
INTERCONEXION ELECTRICA SA	43
INTERCONTINENTAL EXCHANGE IN	49
INTERCONTINENTAL HOTELS GROU	26
INTERGLOBE AVIATION LTD	17
INTERNATIONAL PAPER CO	30
INTERPUBLIC GROUP OF COS INC	56
INTERTEK GROUP PLC	53
INTESA SANPAOLO	66
INTL BUSINESS MACHINES CORP	63
INTL CONTAINER TERM SVCS INC	27
INTL FLAVORS & FRAGRANCES	53
INTUIT INC	62
INTUITIVE SURGICAL INC	43
INVENTEC CORP	52
INVESCO LTD	45
INVESTEC LTD	58

INVESTEC PLC	63
INVESTOR AB-B SHS	57
INVITATION HOMES INC	37
IOI CORP BHD	32
IOI PROPERTIES GROUP BHD	39
IPG PHOTONICS CORP	31
IPSEN	54
IQIYI INC-ADR	49
IQVIA HOLDINGS INC	44
IRB BRASIL RESSEGUROS SA	38
IRON MOUNTAIN INC	48
IRPC PCL	27
ISETAN MITSUKOSHI HOLDINGS L	32
ISRAEL CHEMICALS LTD	23
ISS A/S	71
ISUZU MOTORS LTD	33
ITAU CORPBANCA	48
ITAU UNIBANCO HOLDING S-PREF	53
ITAUSA-INVESTIMENTOS ITAU-PR	34
ITC LTD	52
ITOCHU CORP	39
ITV PLC	70
J FRONT RETAILING CO LTD	43
JACK HENRY & ASSOCIATES INC	50
JACOBS ENGINEERING GROUP INC	43
JAMES HARDIE INDUSTRIES-CDI	34
JAPAN AIRLINES CO LTD	23
JAPAN AIRPORT TERMINAL CO	15
JAPAN EXCHANGE GROUP INC	47
JAPAN POST BANK CO LTD	31
JAPAN POST HOLDINGS CO LTD	32
JAPAN PRIME REALTY INVESTMEN	20
JAPAN REAL ESTATE INVESTMENT	2
JAPAN RETAIL FUND INVESTMENT	2
JAPAN TOBACCO INC	50
JARDINE CYCLE & CARRIAGE LTD	22
JARDINE MATHESON HLDGS LTD	19
JARDINE STRATEGIC HLDGS LTD	18
JASA MARGA (PERSERO) TBK PT	49
JASTRZEBSKA SPOLKA WEGLOWA S	1
JAZZ PHARMACEUTICALS PLC	49
JBS SA	19

JCDECAUX SA	53
JD.COM INC-ADR	33
JEFFERIES FINANCIAL GROUP IN	46
JERONIMO MARTINS	48
JFE HOLDINGS INC	29
JG SUMMIT HOLDINGS INC	19
JGC CORP	37
JIANGSU EXPRESS CO LTD-H	39
JIANGSU HENGRUI MEDICINE C-A	34
JIANGSU YANGHE BREWERY -A	18
JIANGXI COPPER CO LTD-A	5
JIANGXI COPPER CO LTD-H	0
JIANGXI GANFENG LITHIUM CO-A	45
JIAYUAN INTERNATIONAL GROUP	41
JINDUICHENG MOLYBDENUM CO -A	12
JINKE PROPERTIES GROUP CO -A	18
JM SMUCKER CO/THE	51
JOHN WOOD GROUP PLC	43
JOHNSON & JOHNSON	59
JOHNSON CONTROLS INTERNATION	55
JOHNSON MATTHEY PLC	62
JOINTOWN PHARMACEUTICAL-A	49
JOLLIBEE FOODS CORP	26
JONES LANG LASALLE INC	76
JPMORGAN CHASE & CO	62
JSR CORP	29
JSW STEEL LTD	14
JTEKT CORP	37
JULIUS BAER GROUP LTD	61
JUMBO SA	51
JUNIPER NETWORKS INC	50
JXTG HOLDINGS INC	22
KAISA GROUP HOLDINGS LTD	39
KAJIMA CORP	30
KAKAKU.COM INC	20
KAKAO CORP	47
KALBE FARMA TBK PT	34
KAMIGUMI CO LTD	15
KANEKA CORP	22
KANGMEI PHARMACEUTICAL CO-A	42
KANGWON LAND INC	39
KANSAI ELECTRIC POWER CO INC	25

KANSAI PAINT CO LTD	28
KANSAS CITY SOUTHERN	28
KAO CORP	50
KASIKORNBANK PCL	64
KAWASAKI HEAVY INDUSTRIES	44
KB FINANCIAL GROUP INC	45
KBC GROUP NV	64
KCC CORP	23
KDDI CORP	51
KEIHAN HOLDINGS CO LTD	24
KEIKYU CORP	26
KEIO CORP	2
KEISEI ELECTRIC RAILWAY CO	22
KELLOGG CO	50
KEPPEL CORP LTD	38
KERING	61
KERRY GROUP PLC-A	52
KERRY PROPERTIES LTD	44
KEYCORP	68
KEYENCE CORP	30
KEYERA CORP	27
KEYSIGHT TECHNOLOGIES IN	66
KGHM POLSKA MIEDZ SA	38
KIA MOTORS CORP	28
KIKKOMAN CORP	39
KIMBERLY-CLARK CORP	38
KIMBERLY-CLARK DE MEXICO-A	27
KIMCO REALTY CORP	50
KINDER MORGAN INC	34
KINGBOARD HOLDINGS LTD	27
KINGBOARD LAMINATES HLDG LTD	0
KINGDEE INTERNATIONAL SFTWR	37
KINGFISHER PLC	69
KINGSOFT CORP LTD	33
KINGSPAN GROUP PLC	38
KINNEVIK AB - B	69
KINROSS GOLD CORP	31
KINTETSU GROUP HOLDINGS CO L	30
KION GROUP AG	49
KIRIN HOLDINGS CO LTD	49
KKR & CO INC -A	31
KLABIN SA - UNIT	26

KLA-TENCOR CORP	52
KLEPIERRE	45
KNIGHT-SWIFT TRANSPORTATION	28
KOBAYASHI PHARMACEUTICAL CO	27
KOBE STEEL LTD	19
KOC HOLDING AS	36
KOHL'S CORP	54
KOITO MANUFACTURING CO LTD	17
KOMATSU LTD	47
KOMERCNI BANKA AS	58
KONAMI HOLDINGS CORP	26
KONE OYJ-B	51
KONICA MINOLTA INC	53
KONINKLIJKE AHOLD DELHAIZE N	54
KONINKLIJKE DSM NV	61
KONINKLIJKE KPN NV	51
KONINKLIJKE PHILIPS NV	72
KOREA AEROSPACE INDUSTRIES	35
KOREA ELECTRIC POWER CORP	37
KOREA GAS CORPORATION	32
KOREA INVESTMENT HOLDINGS CO	0
KOREA ZINC CO LTD	16
KOREAN AIR LINES CO LTD	21
KOSE CORP	35
KRAFT HEINZ CO/THE	43
KROGER CO	49
KROTON EDUCACIONAL SA	42
KRUNG THAI BANK PUB CO LTD	43
KT CORP	37
KT&G CORP	40
KUALA LUMPUR KEPONG BHD	17
KUBOTA CORP	40
KUEHNE + NAGEL INTL AG-REG	45
KUMBA IRON ORE LTD	40
KUMHO PETROCHEMICAL CO LTD	2
KUNLUN ENERGY CO LTD	24
KURARAY CO LTD	21
KURITA WATER INDUSTRIES LTD	39
KWEICHOW MOUTAI CO LTD-A	25
KWG GROUP HOLDINGS LTD	37
KYOCERA CORP	43
KYOWA HAKKO KIRIN CO LTD	33

KYUSHU ELECTRIC POWER CO INC	25
KYUSHU RAILWAY COMPANY	25
L BRANDS INC	48
L3 TECHNOLOGIES INC	45
LABORATORY CRP OF AMER HLDGS	48
LAFARGEHOLCIM LTD-REG	17
LAM RESEARCH CORP	47
LAMB WESTON HOLDINGS INC	40
LAND & HOUSES PUB CO LTD	25
LAND SECURITIES GROUP PLC	62
LANXESS AG	45
LARGAN PRECISION CO LTD	40
LARSEN & TOUBRO LTD	37
LAS VEGAS SANDS CORP	43
LATAM AIRLINES GROUP SA	19
LAWSON INC	43
LEAR CORP	53
LEE & MAN PAPER MANUFACTURIN	14
LEGAL & GENERAL GROUP PLC	73
LEGEND HOLDINGS CORP-H	28
LEGGETT & PLATT INC	43
LEGRAND SA	62
LEIDOS HOLDINGS INC	60
LENDLEASE GROUP	58
LENNAR CORP-A	45
LENNOX INTERNATIONAL INC	48
LENOVO GROUP LTD	63
LEONARDO SPA	43
LG CHEM LTD	35
LG CHEM LTD-PREFERENCE	36
LG CORP	40
LG DISPLAY CO LTD	33
LG ELECTRONICS INC	54
LG HOUSEHOLD & HEALTH CARE	54
LG INNOTEK CO LTD	52
LG UPLUS CORP	44
LIAONING CHENG DA CO LTD-A	45
LIBERTY BROADBAND-C	5
LIBERTY GLOBAL PLC-A	50
LIBERTY HOLDINGS LTD	63
LIBERTY MEDIA CORP-LIBERTY-C	39
LIBERTY MEDIA COR-SIRIUSXM C	31

LIBERTY PROPERTY TRUST	38
LIC HOUSING FINANCE LTD	47
LIFE HEALTHCARE GROUP HOLDIN	43
LINCOLN NATIONAL CORP	66
LINDE PLC	25
LINE CORP	28
LINK REIT	48
LION CORP	39
LITE-ON TECHNOLOGY CORP	54
LIVE NATION ENTERTAINMENT IN	41
LIXIL GROUP CORP	49
LKQ CORP	33
LLOYDS BANKING GROUP PLC	70
LOBLAW COMPANIES LTD	52
LOCALIZA RENT A CAR	52
LOCKHEED MARTIN CORP	56
LOEWS CORP	40
LOGAN PROPERTY HOLDINGS CO L	39
LOJAS AMERICANAS SA-PREF	58
LOJAS RENNER S.A.	66
LONDON STOCK EXCHANGE GROUP	69
LONGFOR GROUP HOLDINGS LTD	40
LONGI GREEN ENERGY TECHNOL-A	48
LONZA GROUP AG-REG	41
L'OREAL	56
LOTTE CHEMICAL CORP	20
LOTTE CORP	16
LOTTE SHOPPING CO	27
LOWE'S COS INC	51
LPP SA	64
LUKOIL PJSC	26
LULULEMON ATHLETICA INC	71
LUNDBERGS AB-B SHS	21
LUNDIN MINING CORP	34
LUNDIN PETROLEUM AB	37
LUPIN LTD	39
LUXSHARE PRECISION INDUSTR-A	41
LUYE PHARMA GROUP LTD	42
LUZHOU LAOJIAO CO LTD-A	28
LVMH MOET HENNESSY LOUIS VUI	57
LYONDELLBASELL INDU-CL A	25
M & T BANK CORP	51

M DIAS BRANCO SA	46
M3 INC	34
MAANSHAN IRON & STEEL-H	13
MACERICH CO/THE	40
MACQUARIE GROUP LTD	71
MACY'S INC	61
MAGAZINE LUIZA SA	47
MAGNA INTERNATIONAL INC	54
MAGNIT PJSC-SPON GDR REGS	29
MAGNITOGORSK IRON & STEEL WO	11
MAHINDRA & MAHINDRA FIN SECS	49
MAHINDRA & MAHINDRA LTD	49
MAKITA CORP	29
MALAYAN BANKING BHD	63
MALAYSIA AIRPORTS HLDGS BHD	47
MANILA ELECTRIC COMPANY	30
MANPOWERGROUP INC	68
MANULIFE FINANCIAL CORP	61
MAPFRE SA	64
MARATHON OIL CORP	17
MARATHON PETROLEUM CORP	27
MARICO LTD	53
MARKEL CORP	49
MARKS & SPENCER GROUP PLC	70
MARRIOTT INTERNATIONAL -CL A	36
MARSH & MCLENNAN COS	62
MARTIN MARIETTA MATERIALS	23
MARUBENI CORP	41
MARUI GROUP CO LTD	50
MARUICHI STEEL TUBE LTD	1
MARUTI SUZUKI INDIA LTD	33
MARVELL TECHNOLOGY GROUP LTD	42
MASCO CORP	50
MASRAF AL RAYAN	36
MASTERCARD INC - A	64
MATTEL INC	53
MAXIM INTEGRATED PRODUCTS	37
MAXIS BHD	43
MAZDA MOTOR CORP	45
MBANK SA	54
MCB BANK LTD	37
MCCORMICK & CO-NON VTG SHRS	52

MCDONALD'S CORP	51
MCDONALD'S HOLDINGS CO JAPAN	27
MCKESSON CORP	63
MEBUKI FINANCIAL GROUP INC	25
MEDIATEK INC	36
MEDIBANK PRIVATE LTD	76
MEDIOBANCA SPA	79
MEDIPAL HOLDINGS CORP	33
MEDTRONIC PLC	59
MEDY-TOX INC	0
MEGA FINANCIAL HOLDING CO LT	57
MEGACABLE HOLDINGS-CPO	0
MEGAWORLD CORP	28
MEGGITT PLC	49
MEIJI HOLDINGS CO LTD	34
MEINIAN ONEHEALTH HEALTHCA-A	37
MEITU INC	38
MELCO RESORTS & ENTERT-ADR	43
MELROSE INDUSTRIES PLC	47
MERCADOLIBRE INC	47
MERCK & CO. INC.	56
MERCK KGAA	58
MERIDIAN ENERGY LTD	49
MERLIN ENTERTAINMENT	50
METALLURGICAL CORP OF CHIN-A	39
METALLURGICAL CORP OF CHIN-H	19
METHANEX CORP	38
METLIFE INC	62
METRO AG	53
METRO INC	58
METRO PACIFIC INVESTMENTS CO	51
METROPOLITAN BANK & TRUST	51
METSO OYJ	62
METTLER-TOLEDO INTERNATIONAL	54
MEXICHEM SAB DE CV-*	32
MGM CHINA HOLDINGS LTD	56
MGM RESORTS INTERNATIONAL	40
MICHELIN (CGDE)	43
MICRO FOCUS INTL	58
MICROCHIP TECHNOLOGY INC	27
MICRON TECHNOLOGY INC	43
MICROSOFT CORP	66

MICRO-STAR INTERNATIONAL CO	45
MID-AMERICA APARTMENT COMM	37
MIDDLEBY CORP	42
MIDEA GROUP CO LTD-A	20
MILLICOM INTL CELLULAR-SDR	60
MINEBEA MITSUMI INC	30
MINOR INTERNATIONAL PCL	42
MINTH GROUP LTD	50
MIRAE ASSET DAEWOO CO LTD	60
MIRVAC GROUP	59
MISC BHD	17
MISUMI GROUP INC	0
MITSUBISHI CHEMICAL HOLDINGS	31
MITSUBISHI CORP	36
MITSUBISHI ELECTRIC CORP	51
MITSUBISHI ESTATE CO LTD	50
MITSUBISHI GAS CHEMICAL CO	32
MITSUBISHI HEAVY INDUSTRIES	46
MITSUBISHI MATERIALS CORP	16
MITSUBISHI MOTORS CORP	25
MITSUBISHI TANABE PHARMA	43
MITSUBISHI UFJ FINANCIAL GRO	43
MITSUBISHI UFJ LEASE & FINAN	35
MITSUMI & CO LTD	45
MITSUMI CHEMICALS INC	39
MITSUMI FUDOSAN CO LTD	35
MITSUMI OSK LINES LTD	16
MIZRAHI TEFAHOT BANK LTD	57
MIZUHO FINANCIAL GROUP INC	57
MMC NORILSK NICKEL PJSC	24
MMG LTD	19
MMI HOLDINGS LTD	58
MOBILE TELESYSTEMS-SP ADR	61
MOHAWK INDUSTRIES INC	29
MOL HUNGARIAN OIL AND GAS PL	28
MOLSON COORS BREWING CO -B	51
MOMO INC-SPON ADR	31
MONCLER SPA	52
MONDELEZ INTERNATIONAL INC-A	47
MONDI LTD	32
MONDI PLC	33
MONETA MONEY BANK AS	44

MONOTARO CO LTD	0
MONSTER BEVERAGE CORP	31
MOODY'S CORP	59
MORGAN STANLEY	60
MOSAIC CO/THE	51
MOSCOW EXCHANGE MICEX-RTS PJ	60
MOTHERSON SUMI SYSTEMS LTD	33
MOTOR OIL (HELLAS) SA	22
MOTOROLA SOLUTIONS INC	55
MOWI ASA	55
MR PRICE GROUP LTD	49
MS&AD INSURANCE GROUP HOLDIN	61
MSCI INC	60
MTN GROUP LTD	40
MTR CORP	37
MTU AERO ENGINES AG	55
MUANGTHAI CAPITAL PCL	43
MUENCHENER RUECKVER AG-REG	75
MULTIPLAN EMPREENDIMENTOS	35
MURATA MANUFACTURING CO LTD	32
MUYUAN FOODSTUFF CO LTD-A	19
MYLAN NV	44
NABTESCO CORP	45
NAGOYA RAILROAD CO LTD	28
NAN YA PLASTICS CORP	21
NANYA TECHNOLOGY CORP	30
NARI TECHNOLOGY CO LTD-A	30
NASDAQ INC	53
NASPERS LTD-N SHS	47
NATIONAL AUSTRALIA BANK LTD	72
NATIONAL BANK OF CANADA	66
NATIONAL GRID PLC	48
NATIONAL OILWELL VARCO INC	44
NATIONAL RETAIL PROPERTIES	33
NATIXIS	64
NATURA COSMETICOS SA	68
NATURGY ENERGY GROUP SA	45
NAVER CORP	43
NCISOFT CORP	0
NEC CORP	57
NEDBANK GROUP LTD	61
NEKTAR THERAPEUTICS	32

NEPI ROCKCASTLE PLC	41
NESTE OYJ	45
NESTLE (MALAYSIA) BERHAD	45
NESTLE INDIA LTD	37
NESTLE SA-REG	47
NETAPP INC	62
NETCARE LTD	52
NETEASE INC-ADR	39
NETFLIX INC	47
NETMARBLE CORP	1
NEW CHINA LIFE INSURANCE C-H	34
NEW HOPE LIUHE CO LTD-A	39
NEW ORIENTAL EDUCATIO-SP ADR	32
NEW WORLD DEVELOPMENT	46
NEWCREST MINING LTD	30
NEWELL BRANDS INC	37
NEWMONT MINING CORP	32
NEWS CORP - CLASS A	48
NEXON CO LTD	35
NEXT PLC	63
NEXTEER AUTOMOTIVE GROUP LTD	29
NEXTERA ENERGY INC	45
NGK INSULATORS LTD	37
NGK SPARK PLUG CO LTD	35
NH FOODS LTD	28
NH INVESTMENT & SECURITIES C	47
NICE LTD	53
NIDEC CORP	40
NIELSEN HOLDINGS PLC	72
NIEN MADE ENTERPRISE CO LTD	38
NIKE INC -CL B	55
NIKON CORP	53
NINE DRAGONS PAPER HOLDINGS	20
NINESTAR CORP-A	35
NINTENDO CO LTD	44
NIPPON BUILDING FUND INC	2
NIPPON ELECTRIC GLASS CO LTD	15
NIPPON EXPRESS CO LTD	31
NIPPON PAINT HOLDINGS CO LTD	30
NIPPON PROLOGIS REIT INC	42
NIPPON STEEL & SUMITOMO META	7
NIPPON TELEGRAPH & TELEPHONE	45

NIPPON YUSEN KK	25
NISOURCE INC	48
NISSAN CHEMICAL CORP	15
NISSAN MOTOR CO LTD	34
NISSHIN SEIFUN GROUP INC	19
NISSIN FOODS HOLDINGS CO LTD	34
NITORI HOLDINGS CO LTD	22
NITTO DENKO CORP	35
NMC HEALTH PLC	36
NN GROUP NV	78
NOAH HOLDINGS LTD-SPON ADS	55
NOBLE ENERGY INC	21
NOKIA OYJ	59
NOKIAN RENKAAT OYJ	57
NOMURA HOLDINGS INC	61
NOMURA REAL ESTATE HOLDINGS	41
NOMURA REAL ESTATE MASTER FU	36
NOMURA RESEARCH INSTITUTE LT	51
NORDEA BANK ABP	76
NORDSTROM INC	61
NORFOLK SOUTHERN CORP	28
NORSK HYDRO ASA	54
NORTHERN TRUST CORP	63
NORTHROP GRUMMAN CORP	63
NORWEGIAN CRUISE LINE HOLDIN	21
NOVARTIS AG-REG	48
NOVATEK MICROELECTRONICS COR	51
NOVATEK PJSC-SPONS GDR REG S	19
NOVO NORDISK A/S-B	60
NOVOLIPETSK STEEL PJSC	21
NOVOZYMES A/S-B SHARES	51
NRG ENERGY INC	16
NSK LTD	40
NTPC LTD	20
NTT DATA CORP	39
NTT DOCOMO INC	42
NUCOR CORP	30
NUTRIEN LTD	16
NVIDIA CORP	70
NVR INC	31
NWS HOLDINGS LTD	36
NXP SEMICONDUCTORS NV	46

OBAYASHI CORP	40
OBIC CO LTD	23
OCCIDENTAL PETROLEUM CORP	22
OCI CO LTD	36
ODAKYU ELECTRIC RAILWAY CO	17
OFFSHORE OIL ENGINEERING-A	0
O-FILM TECH CO LTD-A	30
OGE ENERGY CORP	13
OIL & GAS DEVELOPMENT CO LTD	14
OIL & NATURAL GAS CORP LTD	9
OIL SEARCH LTD	25
OJI HOLDINGS CORP	26
OLD DOMINION FREIGHT LINE	25
OLD MUTUAL LTD	57
OLYMPUS CORP	31
OMNICOM GROUP	59
OMRON CORP	57
OMV AG	27
ON SEMICONDUCTOR CORP	37
ONEOK INC	26
ONEX CORPORATION	37
ONO PHARMACEUTICAL CO LTD	42
OOREDOO QPSC	31
OPAP SA	57
OPEN TEXT CORP	54
OPPEIN HOME GROUP INC-A	1
ORACLE CORP	57
ORACLE CORP JAPAN	53
ORANGE	59
ORANGE LIFE INSURANCE LTD	0
ORANGE POLSKA SA	44
O'REILLY AUTOMOTIVE INC	33
ORICA LTD	26
ORIENTAL LAND CO LTD	36
ORIGIN ENERGY LTD	43
ORION CORP/REPUBLIC OF KOREA	21
ORION OYJ-CLASS B	60
ORIX CORP	50
ORKLA ASA	65
ORSTED A/S	51
OSAKA GAS CO LTD	33
OSRAM LICHT AG	66

OTP BANK PLC	48
OTSUKA CORP	26
OTSUKA HOLDINGS CO LTD	40
OTTOGI CORPORATION	0
OVERSEA-CHINESE BANKING CORP	51
OWENS CORNING	51
PABRIK KERTAS TJIWI KIMIA PT	27
PACCAR INC	46
PACKAGING CORP OF AMERICA	22
PADDY POWER BETFAIR PLC	50
PAGE INDUSTRIES LTD	22
PAKUWON JATI TBK PT	35
PALO ALTO NETWORKS INC	61
PAN OCEAN CO LTD	0
PAN PACIFIC INTERNATIONAL HO	26
PANASONIC CORP	44
PANDORA A/S	62
PARGESA HOLDING SA-BR	26
PARK24 CO LTD	22
PARKER HANNIFIN CORP	41
PARSLEY ENERGY INC-CLASS A	16
PARTNERS GROUP HOLDING AG	54
PAYCHEX INC	47
PAYPAL HOLDINGS INC	57
PCCW LTD	45
PEARSON PLC	71
PEGATRON CORP	45
PEMBINA PIPELINE CORP	38
PENTAIR PLC	54
PEOPLE'S INSURANCE CO GROU-H	51
PEOPLE'S UNITED FINANCIAL	57
PEPSICO INC	50
PERFECT WORLD CO LTD-A	57
PERNOD RICARD SA	53
PERRIGO CO PLC	54
PERSIMMON PLC	59
PERSOL HOLDINGS CO LTD	1
PERUSAHAAN GAS NEGARA PERSER	37
PETKIM PETROKIMYA HOLDING AS	21
PETROBRAS - PETROLEO BRAS	45
PETROBRAS - PETROLEO BRAS-PR	30
PETROBRAS DISTRIBUIDORA SA	5

PETROCHINA CO LTD-H	17
PETRONAS CHEMICALS GROUP BHD	19
PETRONAS DAGANGAN BHD	51
PETRONAS GAS BHD	15
PETRONET LNG LTD	2
PEUGEOT SA	59
PFIZER INC	55
PGE SA	39
PHILIP MORRIS INTERNATIONAL	57
PHILLIPS 66	36
PHISON ELECTRONICS CORP	49
PHOSAGRO PJSC-GDR REG S	32
PICC PROPERTY & CASUALTY-H	45
PICK N PAY STORES LTD	41
PIDILITE INDUSTRIES LTD	25
PIGEON CORP	32
PING AN BANK CO LTD-A	52
PING AN INSURANCE GROUP CO-H	45
PINNACLE WEST CAPITAL	43
PIONEER NATURAL RESOURCES CO	19
PIRAMAL ENTERPRISES LTD	32
PIRELLI & C SPA	39
PKO BANK POLSKI SA	51
PLAINS GP HOLDINGS LP-CL A	34
PLDT INC	34
PNC FINANCIAL SERVICES GROUP	60
POLA ORBIS HOLDINGS INC	46
POLARIS INDUSTRIES INC	49
POLSKI KONCERN NAFTOWY ORLEN	24
POLSKIE GORNICTWO NAFTOWE I	15
POLY DEVELOPMENTS AND HOLD-A	33
POLYMETAL INTERNATIONAL PLC	36
POLYUS PJSC	21
PORSCHE AUTOMOBIL HLDG-PRF	33
PORTO SEGURO SA	38
POSCO	18
POSCO CHEMTECH CO LTD	20
POSCO DAEWOO CORP	35
POSTAL SAVINGS BANK OF CHI-H	33
POSTE ITALIANE SPA	52
POU CHEN	42
POWER ASSETS HOLDINGS LTD	44

POWER CONSTRUCTION CORP OF-A	19
POWER FINANCIAL CORP	57
POWER GRID CORP OF INDIA LTD	31
POWERTECH TECHNOLOGY INC	37
POWSZECHNY ZAKLAD UBEZPIECZE	61
PPB GROUP BERHAD	37
PPG INDUSTRIES INC	45
PPL CORP	39
PRAIRIESKY ROYALTY LTD	53
PRESIDENT CHAIN STORE CORP	43
PRESS METAL ALUMINIUM HOLDIN	20
PRINCIPAL FINANCIAL GROUP	67
PROCTER & GAMBLE CO/THE	51
PROGRESSIVE CORP	51
PROLOGIS INC	58
PROMOTORA Y OPERADORA DE INF	20
PROSIEBENSAT.1 MEDIA SE	62
PROXIMUS	62
PRUDENTIAL FINANCIAL INC	61
PRUDENTIAL PLC	67
PRYSMIAN SPA	54
PSG GROUP LTD	39
PTC INC	46
PTT EXPLOR & PROD PUBLIC CO	22
PTT GLOBAL CHEMICAL PCL	29
PTT PCL	28
PUBLIC BANK BERHAD	55
PUBLIC SERVICE ENTERPRISE GP	38
PUBLIC STORAGE	35
PUBLICIS GROUPE	53
PULTEGROUP INC	41
PUMA SE	68
PVH CORP	48
QATAR ELECTRICITY & WATER CO	22
QATAR INSURANCE CO	0
QATAR ISLAMIC BANK	0
QATAR NATIONAL BANK	32
QBE INSURANCE GROUP LTD	68
QIAGEN N.V.	47
QINGDAO HAIER CO LTD-A	42
QL RESOURCES BHD	26
QORVO INC	58

QUALCOMM INC	61
QUANTA COMPUTER INC	54
QUEST DIAGNOSTICS INC	52
QURATE RETAIL INC	38
RAIA DROGASIL SA	43
RAIFFEISEN BANK INTERNATIONA	57
RAKUTEN INC	44
RALPH LAUREN CORP	53
RAMSAY HEALTH CARE LTD	58
RAND MERCHANT INVESTMENT HOL	49
RANDSTAD NV	76
RAYMOND JAMES FINANCIAL INC	50
RAYTHEON COMPANY	52
REA GROUP LTD	27
REALTEK SEMICONDUCTOR CORP	20
REALTY INCOME CORP	36
REC LTD	33
RECKITT BENCKISER GROUP PLC	60
RECORDATI SPA	60
RECRUIT HOLDINGS CO LTD	57
RED ELECTRICA CORPORACION SA	54
RED HAT INC	51
REDEFINE PROPERTIES LTD	45
REGENCY CENTERS CORP	39
REGENERON PHARMACEUTICALS	55
REGIONS FINANCIAL CORP	49
REINET INVESTMENTS SCA	42
REINSURANCE GROUP OF AMERICA	65
RELIANCE INDUSTRIES LTD	20
RELX PLC	76
REMGRO LTD	26
REMY COINTREAU	55
RENAISSANCERE HOLDINGS LTD	53
RENAULT SA	47
RENESAS ELECTRONICS CORP	20
REPSOL SA	30
REPUBLIC SERVICES INC	51
RESILIENT REIT LTD	43
RESMED INC	52
RESONA HOLDINGS INC	59
RESTAURANT BRANDS INTERN	37
REXEL SA	62

RHB BANK BHD	56
RICHTER GEDEON NYRT	36
RICOH CO LTD	47
RINNAI CORP	38
RIO TINTO PLC	19
RIOCAN REAL ESTATE INVST TR	44
RISESUN REAL ESTATE DEVEL-A	45
RMB HOLDINGS LTD	54
ROBERT HALF INTL INC	40
ROBINSON PCL	46
ROBINSONS LAND CO	33
ROCHE HOLDING AG-GENUSSCHEIN	66
ROCKWELL AUTOMATION INC	56
ROGERS COMMUNICATIONS INC-B	55
ROHM CO LTD	41
ROLLINS INC	40
ROLLS-ROYCE HOLDINGS PLC	56
RONGSHENG PETRO CHEMICAL-A	24
ROPER TECHNOLOGIES INC	43
ROSNEFT OIL CO PJSC	16
ROSS STORES INC	46
ROYAL BANK OF CANADA	66
ROYAL BANK OF SCOTLAND GROUP	58
ROYAL CARIBBEAN CRUISES LTD	28
ROYAL DUTCH SHELL PLC-A	35
ROYAL MAIL PLC	56
RSA INSURANCE GROUP PLC	69
RTL GROUP	57
RUENTEX DEVELOPMENT CO LTD	40
RUENTEX INDUSTRIES LTD	50
RUMO SA	22
RWE AG	42
RYANAIR HOLDINGS PLC	19
RYMAN HEALTHCARE LTD	43
RYOHIN KEIKAKU CO LTD	34
S F HOLDING CO LTD-A	43
S&P GLOBAL INC	71
S.A.C.I. FALABELLA	40
S-1 CORPORATION	26
SABRE CORP	55
SAFRAN SA	54
SAGE GROUP PLC/THE	67

SAIC MOTOR CORP LTD-A	22
SAINSBURY (J) PLC	51
SALESFORCE.COM INC	61
SAMPO OYJ-A SHS	64
SAMSUNG BIOLOGICS CO LTD	26
SAMSUNG C&T CORP	56
SAMSUNG CARD CO	0
SAMSUNG ELECTRO-MECHANICS CO	41
SAMSUNG ELECTRONICS CO LTD	37
SAMSUNG ENGINEERING CO LTD	39
SAMSUNG FIRE & MARINE INS	59
SAMSUNG HEAVY INDUSTRIES	35
SAMSUNG LIFE INSURANCE CO LT	65
SAMSUNG SDI CO LTD	43
SAMSUNG SDS CO LTD	43
SAMSUNG SECURITIES CO LTD	59
SANAN OPTOELECTRONICS CO L-A	18
SANDS CHINA LTD	36
SANDVIK AB	61
SANKYO CO LTD	18
SANLAM LTD	60
SANOFI	59
SANTANDER BANK POLSKA SA	57
SANTEN PHARMACEUTICAL CO LTD	48
SANTOS LTD	16
SANY HEAVY INDUSTRY CO LTD-A	28
SAP SE	70
SAPPI LIMITED	39
SAPUTO INC	43
SARTORIUS AG-VORZUG	60
SARTORIUS STEDIM BIOTECH	40
SASOL LTD	12
SATS LTD	39
SBA COMMUNICATIONS CORP	41
SBERBANK OF RUSSIA PJSC	63
SBI HOLDINGS INC	47
SCENTRE GROUP	41
SCHIBSTED ASA-B SHS	59
SCHINDLER HOLDING-PART CERT	49
SCHLUMBERGER LTD	45
SCHNEIDER ELECTRIC SE	63
SCHRODERS PLC	50

SCHWAB (CHARLES) CORP	51
SCOR SE	66
SDIC CAPITAL CO LTD-A	54
SDIC POWER HOLDINGS CO LTD-A	30
SEAGATE TECHNOLOGY	49
SEALED AIR CORP	37
SEATTLE GENETICS INC	41
SEAZEN HOLDINGS CO LTD-A	25
SEB SA	53
SECOM CO LTD	41
SECURITAS AB-B SHS	65
SECURITY BANK CORP	57
SEEK LTD	63
SEGA SAMMY HOLDINGS INC	49
SEGRO PLC	61
SEI INVESTMENTS COMPANY	49
SEIBU HOLDINGS INC	22
SEIKO EPSON CORP	48
SEKISUI CHEMICAL CO LTD	43
SEKISUI HOUSE LTD	44
SEMBCORP INDUSTRIES LTD	47
SEMEN INDONESIA PERSERO TBK	12
SEMICONDUCTOR MANUFACTURING	27
SEMPRA ENERGY	49
SENSATA TECHNOLOGIES HOLDING	64
SERVICENOW INC	43
SES	53
SEVEN & I HOLDINGS CO LTD	42
SEVEN BANK LTD	37
SEVEN GENERATIONS ENERGY - A	15
SEVERN TRENT PLC	64
SEVERSTAL PJSC	12
SG HOLDINGS CO LTD	5
SGS SA-REG	50
SHAANXI COAL INDUSTRY CO L-A	1
SHANDONG BUCHANG PHARMACEU-A	35
SHANDONG GOLD MINING CO LT-A	27
SHANDONG LINGLONG TYRE CO -A	1
SHANDONG WEIGAO GP MEDICAL-H	38
SHANGHAI 2345 NETWORK HOLD-A	47
SHANGHAI ELECTRIC GRP CO L-H	34
SHANGHAI FOSUN PHARMACEUTI-H	24

SHANGHAI INDUSTRIAL HLDG LTD	27
SHANGHAI INTERNATIONAL AIR-A	1
SHANGHAI INTERNATIONAL POR-A	23
SHANGHAI LUJIAZUI FIN&TRAD-B	30
SHANGHAI ORIENTAL PEARL GR-A	39
SHANGHAI PHARMACEUTICALS-H	33
SHANGHAI PUDONG DEVEL BANK-A	54
SHANGHAI TUNNEL ENGINEERIN-A	46
SHANGRI-LA ASIA LTD	27
SHANXI LU'AN ENVIRONMENTAL-A	0
SHANXI SECURITIES CO LTD-A	5
SHANXI XINGHUACUN FEN WINE-A	29
SHANXI XISHAN COAL & ELEC-A	0
SHARP CORP	36
SHAW COMMUNICATIONS INC-B	44
SHENERGY COMPANY LIMITED-A	30
SHENWAN HONGYUAN GROUP CO-A	53
SHENZHEN ENERGY GROUP CO L-A	22
SHENZHEN INTL HOLDINGS	34
SHENZHEN INVESTMENT LTD	43
SHENZHEN OVERSEAS CHINESE-A	50
SHENZHEN SALUBRIS PHARM-A	56
SHENZHEN ZHONGJIN LINGNAN-A	20
SHENZHOU INTERNATIONAL GROUP	26
SHERWIN-WILLIAMS CO/THE	49
SHIMADZU CORP	34
SHIMAMURA CO LTD	30
SHIMANO INC	32
SHIMAO PROPERTY HOLDINGS LTD	35
SHIMIZU CORP	43
SHIN KONG FINANCIAL HOLDING	58
SHIN-ETSU CHEMICAL CO LTD	22
SHINHAN FINANCIAL GROUP LTD	53
SHINSEGAE INC	0
SHINSEI BANK LTD	49
SHIONOGI & CO LTD	50
SHISEIDO CO LTD	65
SHIZUOKA BANK LTD/THE	35
SHOPIFY INC - CLASS A	39
SHOPRITE HOLDINGS LTD	30
SHOWA DENKO K K	35
SHOWA SHELL SEKIYU KK	32

SHREE CEMENT LTD	12
SHRIRAM TRANSPORT FINANCE	41
SHUI ON LAND LTD	43
SIAM CEMENT PCL/THE	20
SIAM COMMERCIAL BANK PUB CO	72
SICHUAN CHUANTOU ENERGY CO-A	38
SICHUAN KELUN PHARMACEUTIC-A	52
SIEMENS AG-REG	63
SIEMENS GAMESA RENEWABLE ENE	56
SIEMENS HEALTHINEERS AG	29
SIGNATURE BANK	55
SIHUAN PHARMACEUTICAL HLDGS	21
SIKA AG-REG	49
SILAJEN INC	1
SIME DARBY BERHAD	49
SIME DARBY PLANTATION BHD	37
SIME DARBY PROPERTY BHD	55
SIMON PROPERTY GROUP INC	42
SINA CORP	43
SINGAPORE AIRLINES LTD	21
SINGAPORE EXCHANGE LTD	66
SINGAPORE PRESS HOLDINGS LTD	51
SINGAPORE TECH ENGINEERING	59
SINGAPORE TELECOMMUNICATIONS	59
SINO BIOPHARMACEUTICAL	44
SINO LAND CO	44
SINOLINK SECURITIES CO LTD-A	46
SINO-OCEAN GROUP HOLDING LTD	9
SINOPAC FINANCIAL HOLDINGS	54
SINOPEC ENGINEERING GROUP-H	41
SINOPEC SHANGHAI PETROCHEM-H	10
SINOPHARM GROUP CO-H	39
SINOTRANS LIMITED-H	46
SINOTRUK HONG KONG LTD	27
SIRIUS XM HOLDINGS INC	48
SJM HOLDINGS LTD	51
SK HOLDINGS CO LTD	42
SK HYNIX INC	44
SK INNOVATION CO LTD	17
SK TELECOM	46
SKANDINAVISKA ENSKILDA BAN-A	74
SKANSKA AB-B SHS	55

SKF AB-B SHARES	55
SKYWORKS SOLUTIONS INC	42
SL GREEN REALTY CORP	37
SM INVESTMENTS CORP	43
SM PRIME HOLDINGS INC	27
SMARTCENTRES REAL ESTATE INV	32
SMC CORP	28
SMITH & NEPHEW PLC	56
SMITH (A.O.) CORP	44
SMITHS GROUP PLC	62
SMURFIT KAPPA GROUP PLC	46
SNAM SPA	35
SNAP-ON INC	39
SNC-LAVALIN GROUP INC	48
SOC QUIMICA Y MINERA CHILE-B	22
SOCIETE BIC SA	48
SOCIETE GENERALE SA	69
SODEXO SA	68
SOFTBANK CORP	39
SOHGO SECURITY SERVICES CO	28
SOHO CHINA LTD	48
S-OIL CORP	22
SOLVAY SA	51
SOMPO HOLDINGS INC	58
SONIC HEALTHCARE LTD	64
SONOVA HOLDING AG-REG	62
SONY CORP	62
SONY FINANCIAL HOLDINGS INC	36
SOOCHOW SECURITIES CO LTD-A	46
SOUTH32 LTD	12
SOUTHERN CO/THE	37
SOUTHERN COPPER CORP	16
SOUTHWEST AIRLINES CO	24
SP SETIA BHD	43
SPAR GROUP LIMITED/THE	54
SPARK NEW ZEALAND LTD	68
SPIRIT AEROSYSTEMS HOLD-CL A	56
SPLUNK INC	54
SPRING AIRLINES CO LTD-A	22
SPRINT CORP	44
SQUARE INC - A	56
SS&C TECHNOLOGIES HOLDINGS	37

SSE PLC	53
SSY GROUP LTD	28
ST JAMES'S PLACE PLC	57
STANDARD BANK GROUP LTD	61
STANDARD CHARTERED PLC	65
STANDARD FOODS CORP	33
STANDARD LIFE ABERDEEN PLC	67
STANLEY BLACK & DECKER INC	52
STANLEY ELECTRIC CO LTD	25
STARBUCKS CORP	44
STARS GROUP INC/THE	34
STATE BANK OF INDIA	29
STATE STREET CORP	63
STEEL DYNAMICS INC	37
STMICROELECTRONICS NV	48
STOCKLAND	65
STORA ENSO OYJ-R SHS	48
STRAUMANN HOLDING AG-REG	54
STRYKER CORP	55
SUBARU CORP	38
SUEZ	60
SUL AMERICA SA - UNITS	65
SUMCO CORP	21
SUMITOMO CHEMICAL CO LTD	35
SUMITOMO CORP	47
SUMITOMO DAINIPPON PHARMA CO	46
SUMITOMO ELECTRIC INDUSTRIES	44
SUMITOMO HEAVY INDUSTRIES	23
SUMITOMO METAL MINING CO LTD	26
SUMITOMO MITSUI FINANCIAL GR	49
SUMITOMO MITSUI TRUST HOLDIN	62
SUMITOMO REALTY & DEVELOPMEN	1
SUMITOMO RUBBER INDUSTRIES	24
SUN ART RETAIL GROUP LTD	32
SUN HUNG KAI PROPERTIES	35
SUN LIFE FINANCIAL INC	67
SUN PHARMACEUTICAL INDUS	41
SUNAC CHINA HOLDINGS LTD	44
SUNCOR ENERGY INC	25
SUNCORP GROUP LTD	77
SUNDRUG CO LTD	1
SUNING.COM CO LTD-A	45

SUNNY OPTICAL TECH	28
SUNTEC REIT	32
SUNTORY BEVERAGE & FOOD LTD	42
SUNTRUST BANKS INC	57
SURGUTNEFTEGAS PJSC	32
SURGUTNEFTEGAS-PREFERENCE	5
SURYA CITRA MEDIA PT TBK	50
SUZANO PAPEL E CELULOSE SA	29
SUZHOU GOLD MANTIS CONSTR -A	20
SUZUKEN CO LTD	23
SUZUKI MOTOR CORP	33
SVB FINANCIAL GROUP	55
SVENSKA HANDELSBANKEN-A SHS	70
SWATCH GROUP AG/THE-BR	40
SWATCH GROUP AG/THE-REG	51
SWEDBANK AB - A SHARES	77
SWEDISH MATCH AB	71
SWIRE PACIFIC LTD - CL A	21
SWIRE PROPERTIES LTD	50
SWISS LIFE HOLDING AG-REG	49
SWISS PRIME SITE-REG	45
SWISS RE AG	62
SWISSCOM AG-REG	65
SYDNEY AIRPORT	50
SYMANTEC CORP	62
SYMRISE AG	49
SYNCHRONY FINANCIAL	64
SYNNEX TECHNOLOGY INTL CORP	38
SYNOPSIS INC	54
SYSCO CORP	56
SYSMEX CORP	54
T ROWE PRICE GROUP INC	62
T&D HOLDINGS INC	55
TABCORP HOLDINGS LTD	58
TABLEAU SOFTWARE INC-CL A	42
TAIHEIYO CEMENT CORP	13
TAIMED BIOLOGICS INC	30
TAISEI CORP	45
TAISHIN FINANCIAL HOLDING	56
TAISHO PHARMACEUTICAL HOLDIN	28
TAIWAN BUSINESS BANK	51
TAIWAN CEMENT	10

TAIWAN COOPERATIVE FINANCIAL	57
TAIWAN HIGH SPEED RAIL CORP	29
TAIWAN MOBILE CO LTD	49
TAIWAN SEMICONDUCTOR MANUFAC	37
TAIYO NIPPON SANZO CORP	18
TAKASHIMAYA CO LTD	37
TAKEDA PHARMACEUTICAL CO LTD	59
TAKE-TWO INTERACTIVE SOFTWARE	55
TAL EDUCATION GROUP- ADR	39
TAPESTRY INC	57
TARGA RESOURCES CORP	33
TARGET CORP	55
TASLY PHARMACEUTICAL GROUP-A	34
TATA CONSULTANCY SVCS LTD	44
TATA MOTORS LTD	45
TATA POWER CO LTD	36
TATA STEEL LTD	18
TATNEFT PJSC	13
TATUNG CO LTD	56
TAV HAVALIMANLARI HOLDING AS	42
TAYLOR WIMPEY PLC	68
TBEA CO LTD-A	43
TCL CORP-A	47
TD AMERITRADE HOLDING CORP	48
TDK CORP	39
TE CONNECTIVITY LTD	55
TECH MAHINDRA LTD	57
TECHNIPFMC PLC	56
TECHTRONIC INDUSTRIES CO LTD	44
TECK RESOURCES LTD-CLS B	4
TEIJIN LTD	30
TELE2 AB-B SHS	59
TELECOM ITALIA SPA	65
TELECOM ITALIA-RSP	56
TELEFLEX INC	51
TELEFONICA BRASIL S.A.-PREF	30
TELEFONICA DEUTSCHLAND HOLDI	53
TELEFONICA SA	55
TELEKOM MALAYSIA BHD	60
TELEKOMUNIKASI INDONESIA PER	41
TELENET GROUP HOLDING NV	61
TELENOR ASA	56

TELEPERFORMANCE	58
TELIA CO AB	59
TELKOM SA SOC LTD	40
TELSTRA CORP LTD	57
TELUS CORP	66
TEMENOS AG - REG	59
TENAGA NASIONAL BHD	36
TENARIS SA	20
TENCENT HOLDINGS LTD	28
TERNA SPA	31
TERUMO CORP	33
TESCO PLC	54
TESLA INC	46
TEVA PHARMACEUTICAL-SP ADR	55
TEXAS INSTRUMENTS INC	44
TEXTRON INC	48
THAI OIL PCL	44
THAI UNION GROUP PCL	40
THALES SA	52
THE FOSCHINI GROUP LTD	53
THERMO FISHER SCIENTIFIC INC	51
THK CO LTD	23
THOMSON REUTERS CORP	60
THYSSENKRUPP AG	45
TIANMA MICROELECTRONICS-A	46
TIANQI LITHIUM CORP-A	19
TIFFANY & CO	62
TIGER BRANDS LTD	42
TIM PARTICIPACOES SA	58
TINGYI (CAYMAN ISLN) HLDG CO	18
TITAN CEMENT CO. S.A.	16
TITAN CO LTD	51
TJX COMPANIES INC	57
TMB BANK PCL	58
T-MOBILE US INC	43
TOBU RAILWAY CO LTD	24
TOHO CO LTD	31
TOHO GAS CO LTD	29
TOHOKU ELECTRIC POWER CO INC	26
TOKIO MARINE HOLDINGS INC	55
TOKYO CENTURY CORP	35
TOKYO ELECTRIC POWER COMPANY	26

TOKYO ELECTRON LTD	50
TOKYO GAS CO LTD	35
TOKYU CORP	32
TOKYU FUDOSAN HOLDINGS CORP	41
TONG REN TANG TECHNOLOGIES-H	36
TONGHUA DONGBAO PHARMACEUT-A	26
TONGLING NONFERROUS METALS-A	15
TONGWEI CO LTD-A	21
TOP GLOVE CORP BHD	53
TOPPAN PRINTING CO LTD	36
TORAY INDUSTRIES INC	26
TORCHMARK CORP	51
TORONTO-DOMINION BANK	69
TOSHIBA CORP	30
TOSOH CORP	18
TOTAL SA	39
TOTAL SYSTEM SERVICES INC	52
TOTO LTD	42
TOURMALINE OIL CORP	13
TOWER BERSAMA INFRASTRUCTURE	33
TOWNGAS CHINA CO LTD	48
TOYO SEIKAN GROUP HOLDINGS L	2
TOYO SUISAN KAISHA LTD	34
TOYODA GOSEI CO LTD	23
TOYOTA INDUSTRIES CORP	34
TOYOTA MOTOR CORP	40
TOYOTA TSUSHO CORP	30
TPG TELECOM LTD	38
TRACTOR SUPPLY COMPANY	47
TRANSCANADA CORP	44
TRANSDIGM GROUP INC	32
TRANSNEFT PJSC	29
TRANSUNION	48
TRANSURBAN GROUP	58
TRAVELERS COS INC/THE	58
TRAVELSKY TECHNOLOGY LTD-H	24
TREASURY WINE ESTATES LTD	63
TREND MICRO INC	44
TRIMBLE INC	57
TRIPADVISOR INC	47
TRUE CORP PCL	51
TRUWORTHS INTERNATIONAL LTD	57

TRYG A/S	60
TSINGTAO BREWERY CO LTD-H	14
TSURUHA HOLDINGS INC	1
TUI AG-DI	36
TUNGHSU OPTOELECTRONIC TEC-A	45
TUPRAS-TURKIYE PETROL RAFINE	23
TURK HAVA YOLLARI AO	19
TURK SISE VE CAM FABRIKALARI	21
TURKCELL ILETISIM HIZMET AS	40
TURKIYE GARANTI BANKASI	63
TURKIYE HALK BANKASI	46
TURKIYE IS BANKASI-C	57
TURQUOISE HILL RESOURCES LTD	26
TUS-SOUND ENVIRONMEN-RES A	32
TWENTY-FIRST CENTURY FOX-A	33
TWITTER INC	56
TYSON FOODS INC-CL A	39
UBISOFT ENTERTAINMENT	42
UBS GROUP AG-REG	67
UCB SA	67
UDR INC	40
UGI CORP	30
ULTA BEAUTY INC	56
ULTRAPAR PARTICIPACOES SA	42
ULTRATECH CEMENT LTD	12
UMICORE	52
UNDER ARMOUR INC-CLASS A	45
UNDER ARMOUR INC-CLASS C-W/I	43
UNIBAIL-RODAMCO-WESTFIELD	49
UNICHARM CORP	24
UNICREDIT SPA	71
UNILEVER INDONESIA TBK PT	50
UNILEVER NV-CVA	60
UNILEVER PLC	61
UNION PACIFIC CORP	26
UNIPER SE	40
UNI-PRESIDENT CHINA HOLDINGS	32
UNI-PRESIDENT ENTERPRISES CO	38
UNISPLENDOUR CORP LTD-A	32
UNITED CONTINENTAL HOLDINGS	25
UNITED INTERNET AG-REG SHARE	47
UNITED MICROELECTRONICS CORP	45

UNITED OVERSEAS BANK LTD	62
UNITED PARCEL SERVICE-CL B	34
UNITED RENTALS INC	47
UNITED SPIRITS LTD	38
UNITED TECHNOLOGIES CORP	49
UNITED THERAPEUTICS CORP	43
UNITED TRACTORS TBK PT	33
UNITED URBAN INVESTMENT CORP	21
UNITED UTILITIES GROUP PLC	55
UNITEDHEALTH GROUP INC	58
UNIVERSAL HEALTH SERVICES-B	32
UNIVERSAL ROBINA CORP	32
UNUM GROUP	58
UOL GROUP LTD	46
UPL LTD	38
UPM-KYMMENE OYJ	46
US BANCORP	55
USS CO LTD	22
VAIL RESORTS INC	43
VALE SA	18
VALEO SA	60
VALERO ENERGY CORP	22
VANGUARD INTERNATIONAL SEMI	25
VARIAN MEDICAL SYSTEMS INC	59
VEDANTA LTD	38
VEEVA SYSTEMS INC-CLASS A	44
VENTAS INC	42
VENTURE CORP LTD	42
VEOLIA ENVIRONNEMENT	49
VERBUND AG	24
VEREIT INC	40
VERISIGN INC	47
VERISK ANALYTICS INC	56
VERIZON COMMUNICATIONS INC	54
VERMILION ENERGY INC	24
VERTEX PHARMACEUTICALS INC	41
VESTAS WIND SYSTEMS A/S	71
VF CORP	55
VIACOM INC-CLASS B	66
VICINITY CENTRES	50
VIFOR PHARMA AG	58
VINCI SA	50

VIPSHOP HOLDINGS LTD - ADR	44
VIROMED CO LTD	0
VISA INC-CLASS A SHARES	68
VISTRA ENERGY CORP	9
VIVENDI	59
VMWARE INC-CLASS A	44
VODACOM GROUP LTD	52
VODAFONE GROUP PLC	58
VODAFONE IDEA LTD	47
VOESTALPINE AG	35
VOLKSWAGEN AG-PREF	38
VOLVO AB-B SHS	55
VONOVIA SE	54
VOPAK	40
VORNADO REALTY TRUST	34
VOYA FINANCIAL INC	70
VTB BANK PJSC	47
VULCAN MATERIALS CO	32
WABCO HOLDINGS INC	43
WABTEC CORP	37
WALGREENS BOOTS ALLIANCE INC	65
WALMART DE MEXICO SAB DE CV	42
WALMART INC	49
WALSIN TECHNOLOGY CORP	27
WALT DISNEY CO/THE	59
WANT WANT CHINA HOLDINGS LTD	30
WANXIANG QIANCHAO CO LTD-A	28
WARTSILA OYJ ABP	67
WASHINGTON H. SOUL PATTINSON	1
WASTE CONNECTIONS INC	41
WASTE MANAGEMENT INC	51
WATERS CORP	49
WAYFAIR INC- CLASS A	33
WEC ENERGY GROUP INC	40
WEG SA	39
WEIBO CORP-SPON ADR	52
WEICHAI POWER CO LTD-H	27
WEIFU HIGH-TECHNOLOGY GRP-A	31
WEIR GROUP PLC/THE	58
WELCIA HOLDINGS CO LTD	42
WELLCARE HEALTH PLANS INC	60
WELLS FARGO & CO	54

WELLTOWER INC	52
WENDEL	44
WESFARMERS LTD	31
WEST FRASER TIMBER CO LTD	42
WEST JAPAN RAILWAY CO	21
WESTERN DIGITAL CORP	47
WESTERN SECURITIES CO LTD-A	56
WESTERN UNION CO	51
WESTLAKE CHEMICAL CORP	24
WESTON (GEORGE) LTD	53
WESTPAC BANKING CORP	68
WESTPORTS HOLDINGS BHD	28
WESTROCK CO	26
WEYERHAEUSER CO	55
WH GROUP LTD	24
WHARF HOLDINGS LTD	39
WHARF REAL ESTATE INVESTMENT	45
WHEATON PRECIOUS METALS CORP	53
WHEELOCK & CO LTD	39
WHIRLPOOL CORP	47
WHITBREAD PLC	61
WILLIAM DEMANT HOLDING	56
WILLIAMS COS INC	19
WILLIS TOWERS WATSON PLC	56
WILMAR INTERNATIONAL LTD	35
WIN SEMICONDUCTORS CORP	42
WINBOND ELECTRONICS CORP	44
WIPRO LTD	47
WIRECARD AG	54
WISTRON CORP	51
WIX.COM LTD	0
WM MORRISON SUPERMARKETS	50
WOLTERS KLUWER	80
WOODSIDE PETROLEUM LTD	19
WOOLWORTHS GROUP LTD	54
WOOLWORTHS HOLDINGS LTD	51
WOORI FINANCIAL GROUP INC	5
WORKDAY INC-CLASS A	56
WORLDPAY INC-CLASS A	53
WORLEYPARSONS LTD	57
WP CAREY INC	42
WPG HOLDINGS LTD	36

WPP PLC	72
WR BERKLEY CORP	54
WSP GLOBAL INC	65
WUHU SHUNRONG SANQI INTERA-A	31
WULIANGYE YIBIN CO LTD-A	34
WUXI BIOLOGICS CAYMAN INC	40
WW GRAINGER INC	62
WYNN MACAU LTD	33
WYNN RESORTS LTD	34
X 5 RETAIL GROUP NV-REGS GDR	35
XCEL ENERGY INC	43
XCMG CONSTRUCTION MACHIN-A	35
XEROX CORP	64
XIAMEN C & D INC-A	48
XILINX INC	54
XINHU ZHONGBAO CO LTD-A	42
XINJIANG GOLDWIND SCI&TEC-H	26
XINYI SOLAR HOLDINGS LTD	31
XPO LOGISTICS INC	42
XYLEM INC	63
YAGEO CORPORATION	34
YAHOO JAPAN CORP	46
YAKULT HONSHA CO LTD	29
YAMADA DENKI CO LTD	20
YAMAGUCHI FINANCIAL GROUP IN	26
YAMAHA CORP	41
YAMAHA MOTOR CO LTD	39
YAMATO HOLDINGS CO LTD	1
YAMAZAKI BAKING CO LTD	17
YANGZIJANG SHIPBUILDING	26
YANZHOU COAL MINING CO-H	1
YARA INTERNATIONAL ASA	48
YASKAWA ELECTRIC CORP	44
YES BANK LTD	44
YIHAI INTERNATIONAL HOLDING	34
YOKOGAWA ELECTRIC CORP	47
YOKOHAMA RUBBER CO LTD	22
YONGHUI SUPERSTORES CO LTD-A	47
YONYOU NETWORK TECHNOLOGY-A	57
YOUNGOR GROUP CO-A	56
YTL CORP BHD	11
YUANTA FINANCIAL HOLDING CO	61

YUE YUEN INDUSTRIAL HLDG	37
YUEXIU PROPERTY CO LTD	41
YUHAN CORP	22
YUM CHINA HOLDINGS INC	32
YUM! BRANDS INC	48
YUNNAN BAIYAO GROUP CO LTD-A	35
YUZHOU PROPERTIES CO	43
YY INC-ADR	43
ZALANDO SE	68
ZAYO GROUP HOLDINGS INC	49
ZEE ENTERTAINMENT ENTERPRISE	41
ZHANGZHOU PIENZEHUANG PHA-A	34
ZHAOJIN MINING INDUSTRY - H	23
ZHEJIANG CHINA COMMODITIES-A	20
ZHEJIANG CHINT ELECTRICS-A	47
ZHEJIANG DAHUA TECHNOLOGY-A	51
ZHEJIANG EXPRESSWAY CO-H	48
ZHEJIANG HUAYOU COBALT CO -A	27
ZHEJIANG LONGSHENG GROUP C-A	0
ZHEJIANG SEMIR GARMENT CO-A	0
ZHEJIANG ZHENENG ELECTRIC-A	5
ZHEN DING TECHNOLOGY HOLDING	29
ZHENGZHOU YUTONG BUS CO -A	34
ZHONGAN ONLINE P&C INSURAN-H	47
ZHONGJIN GOLD CORP-A	5
ZHONGSHENG GROUP HOLDINGS	31
ZHUZHOU CRRC TIMES ELECTRI-H	35
ZIJIN MINING GROUP CO LTD-H	25
ZILLOW GROUP INC - C	49
ZIMMER BIOMET HOLDINGS INC	48
ZIONS BANCORP NA	53
ZOETIS INC	57
ZOOMLION HEAVY INDUSTRY S-A	46
ZOZO INC	28
ZTE CORP-H	49
ZTO EXPRESS CAYMAN INC-ADR	1
ZURICH INSURANCE GROUP AG	74