Geneva, May 11, 2023

MSCI GLOBAL STANDARD INDEXES

The following are changes in constituents for the MSCI Global Standard Indexes which will take place as of the close of May 31, 2023.

SUMMARY PER COUNTRY and PER REGION:

Region Country Added Deleted Asia Pacific Imponessia 1 MALAYSIA 0 1 MALAYSIA 0 1 INDONESSIA 1 0 PHILIPPINES 0 1 TAINAN 2 0 KOREA 4 4 TAINAN 2 1 CHINA 53 13 Country Added Deleted Becompetities Nb of Securities SMEDEN 2 1 UNTEED KINEDOM 3 0 TUREY 1 0 MARAEL 1 0 UNTED ARABERMIRATESI 1 0 Americas USA 8 7 ASIA PACIFIC Securities Securities MAGIIION SINDEX None None MSCI INDONESIA INDEX Added Deletions MONDE INDEX None None <			Nb of Securitie	25	Nb of Securities	
MALAYSIA11MALAYSIA01INDORESTA10PHILIPPINES01TATWAN20KOREA44THAILAND12INDIA33CHINA5313RegionCountryAddedEurope, MiddleEast and AfriceSWITZERLAND11SWITZERLAND11UNITED KINGDOM30TURKEY10ISRAEL12JUNITED ARAB EMIRATES11UNITED ARAB EMIRATES11UATAR10Added87ASIA PACIFICNb of SecuritiesMSCI JAPAN INDEX AdditionsDeletions NiHON M&A CENTER HLDGSMSCI INDONESIA INDEX AdditionsDeletions NoneMSCI TAIWAN INDEX AdditionsDeletions 	Region	Country	Added		Deleted	
MALAYSIA11MALAYSIA01INDORESTA10PHILIPPINES01TATWAN20KOREA44THAILAND12INDIA33CHINA5313RegionCountryAddedEurope, MiddleEast and AfriceSWITZERLAND11SWITZERLAND11UNITED KINGDOM30TURKEY10ISRAEL12JUNITED ARAB EMIRATES11UNITED ARAB EMIRATES11UATAR10Added87ASIA PACIFICNb of SecuritiesMSCI JAPAN INDEX AdditionsDeletions NiHON M&A CENTER HLDGSMSCI INDONESIA INDEX 	Asia Pacific					
INDONESIA 1 0 1 PHILIPPINES 0 1 TAIWAN 2 0 KOREA 4 4 4 THAILIAND 1 2 INDIA 3 3 CHINA 53 13 CHINA 53 13 CHINA 53 13 CHINA 53 13 CHINA 53 13 CHINA 53 13 Paleted 2 Europe, Middle East and Africa Securities Added 1 Europe, Middle East and Africa SWITZERLAND 1 1 1 GERMANY 2 2 SWEDEN 2 1 GERMANY 2 2 SWEDEN 2 1 GERMANY 1 2 SWEDEN 2 1 UNITED ARAB EMIRATES1 1 Added 7 Nb of Securities Securities Securities Securities Deleted 1 Added 7 Nb of Securities NBOOM 3 TURKEY 1 0 TURKEY 1 0 TURKEY 1 0 TURKEY 1 0 TURKEY 3 Added 7 Nb of Securities Deleted 1 Americas USA 8 No of Securities Secur			1		1	
PHILIPPINES01TAINAN20KOREA44THAILAND12THAILAND33CHINA5313AddedNb of SecuritiesSecuritiesRegionCountryAddedDeletedEurope, Middle East and Africa SMUTZERLAND11SMUTZERLAND11UNITED KINGDOM30TURKY10JEREL12AUNITED KINGDOM30TURKY10JEREL12AUATAR10UNITED ARAB EMIRATESI1QATAR10UNITED ARAB EMIRATESI1QATAR10NenericasNb of SecuritiesSecurities DeletedAdditionsUSA87ASIA PACIFICNisonDeletions HAP SENS CONSOLIDATEDMSCI JAPAN INDEX Additions NoneDeletions MONDE NISSIN CORPMSCI TAINAN INDEX Additions NoneDeletions MONDE NISSIN CORP		MALAYSIA	0		1	
TAIWAN20KOREA44THAILAND12INDIA33CHINA5313Mb of SecuritiesNb of SecuritiesNb of SecuritiesRegionCountryAddedNb of SecuritiesSWIDERLAND11GERMANY22SWEDEN21UNITED KINGDOM30TURKEY10IERARL10UNITED ARAB EMIRATES11QATAR10NamericasUSA87ASIA PACIFICNho of SecuritiesSecurities DeletedMSCI JAPAN INDEX AdditionsDeletions HAP SENG CONSOLIDATEDNoneNoneDeletions MONEMSCI TAIWAN INDEX Additions NoneDeletions MONE INDEX Additions MONE INDEX AdditionsDeletions MONEMSCI TAIWAN INDEX Additions NoneDeletions MONE INDEX MONE INDEX Additions MONE INDEX Additions NoneDeletions MONE INDEX MONE INDEX MONE INDEX MONE INDEX MONE INDEX Additions NoneDeletions MONE INDEX MONE INDEX MONE INDEX MONE INDEX MONE INDEX MONE INDEX MONE INDEX Additions NoneDeletions MONE INDEX MONE INDEX MONE INDEX MONE INDEX MONE INDEX 		INDONESIA	1		0	
KOREA44INDIA33INDIA313CHINA5313RegionCountryNb of SecuritiesCountryAdded1Europe, Middle East and Africe1SMITZERLAND11GERMANY21SMEDEN21UNITED KINGDOM30TURKEY12SMEDEN21UNITED ARAB EHRATES11QATAR10UNITED ARAB EHRATES11QATAR10NamericasNSA7AddedDeletionsMatitionsKALSHASecuritiesNoneSERAELNIHON MAA CENTER HLDGSMSCI MALAYSIA INDEXDeletionsAdditionsNoneMSCI INDONESIA INDEXDeletionsAdditionsNoneMSCI FILLIPPINES INDEXDeletionsAdditionsNoneMSCI TAIWAN INDEXDeletionsAdditionsNoneMSCI TAIWAN INDEXDeletionsAdditionsNoneMSCI TAIWAN INDEXDeletionsAdditionsNoneMSCI TAIWAN INDEXDeletionsAdditionsNoneMSCI TAIWAN INDEXDeletionsAdditionsDeletionsNoneNoneMSCI TAIWAN INDEXDeletionsAdditionsDeletionsNoneNoneMSCI TAIWAN INDEXDeletionsAdditionsDeleti		PHILIPPINES	0		1	
THAILAND 1 2 INDIA 3 3 CHINA 53 3 Region Country Nb of Securities Nb of Securities Nb of Securities Region Country Added 1 SWIDERLAND 1 1 GERMANY 2 2 SWIDEN 2 1 UNITED KINGDOM 3 0 TURKEY 1 0 ND of SAUDI ARABIA 1 0 UNITED ARAB EMIRATES1 1 0 Americas Nb of Securities Nb of Securities Region Country Added Nb of Americas USA 8 7 MSCI JAPAN INDEX Additions NHON M& CENTER HLDGS MSCI MALAYSIA INDEX Additions Deletions None Deletions None MSCI INDONESIA INDEX Additions Deletions None Deletions None MSCI TAIWAN INDEX Additions Deletions None Deletions MSCI TAIWAN INDEX Additions Deletions None Deletions MSCI TAIWAN INDEX Additions Deletions None Deletions MSCI TAIWAN INDEX Addi		TAIWAN	2		0	
INDIA CHINA3 533 13RegionCountryNb of Securities AddedNb of Securities DeletionsEurope, Middle East and Africe SWITZERLAND UNITED KINGDOM SNEDEN UNITED KINGDOM TURKEY SAUDI ARABIA UNITED ARAB EMIRATESI UNITED ARAB EMIRATESI UNITED ARAB EMIRATESI UNATAR Added1AddedNb of Securities Scurities Added0 1RegionCountry1 UNITED ARAB EMIRATESI Added0 1AddedNb of Securities Deleted3 0 1AddedNb of Securities Deleted3 2AddedNb of Securities Deleted3 2AddedNb of Securities Deleted3 2AddedNb of Securities 		KOREA	4		4	
CHINA 53 13 Region Country Nb of Securities Added Nb of Securities Deleted Europe, Middle East and Africa- SWITZERLAND 1 1 SWITZERLAND 1 1 GERMANY 2 1 UNITED KINGDOM 3 0 IERRAEL 1 0 IERRAEL 1 0 IERRAEL 1 0 UNITED KINGDOM 1 0 JERREEL 1 0 Addet Nb of Securities Region Country Addet Poleted Americas USA 8 7 MSCI JAPAN INDEX NIHON MEA CENTER HLDGS MSCI MALAYSIA INDEX NIHON MEA CENTER HLDGS Additions Deletions Sort GOJEK TOKOPEDIA Deletions MSCI INDONESIA INDEX Deletions Additions Deleti		THAILAND	1		2	
Nb of Securities Added Nb of Securities Deleted Furope, Middle East and Africa SWITZERLAND 1 SWITZERLAND 1 GERMANY 2 SWEDEN 2 UNITED KINGDOM 3 UNITED KINGDOM 3 UNITED KINGDOM 3 JERAEL 1 JERAEL 1 JERAEL 1 QATAR 1 QATAR 1 OATAR 1 Americas Nb of Securities NSCI JAPAN INDEX Additions 8 SCI JAPAN INDEX Additions Deletions NIHON M&A CENTER HLDGS MSCI MALAYSIA INDEX Additions None Deletions None MSCI INDONESIA INDEX Additions None Deletions None MSCI INDONESIA INDEX Additions None Deletions None MSCI INDONESIA INDEX Additions None Deletions None		INDIA	3		3	
Region Securities Added Securities Deleted Europe, Middle East and Africa GERMANY 1 1 SWEDEN 2 1 GERMANY 2 1 JUNITED KINGDOM 3 0 TURKEY 1 0 JUNITED KINGDOM 3 0 TURKEY 1 0 JUNITED ARABEA 1 0 QATAR 1 0 Americas Nb of Securities Added Nb of Securities Added Americas USA 8 7 ASIA PACIFIC SAUDA Deletions Nicons MSCI JAPAN INDEX Additions Nales Deletions Nicons MSCI MALAYSIA INDEX Additions None Deletions None Nales MSCI INDONESIA INDEX Additions None Deletions None None MSCI PHILIPPINES INDEX Additions None Deletions None Deletions None		CHINA	53		13	
Region Securities Added Securities Deleted Europe, Middle East and Africa GERMANY 1 1 SWEDEN 2 1 GERMANY 2 1 JUNITED KINGDOM 3 0 TURKEY 1 0 JUNITED KINGDOM 3 0 TURKEY 1 0 JUNITED ARABEA 1 0 QATAR 1 0 Americas Nb of Securities Added Nb of Securities Added Americas USA 8 7 ASIA PACIFIC SAUDA Deletions Nicons MSCI JAPAN INDEX Additions Nales Deletions Nicons MSCI MALAYSIA INDEX Additions None Deletions None Nales MSCI INDONESIA INDEX Additions None Deletions None None MSCI PHILIPPINES INDEX Additions None Deletions None Deletions None			Nb of		Nb of	
Region Country Added Deleted Europe, Middle East and Africa SWITZERLAND 1 1 SWITZERLAND 1 2 SWEDEN 2 1 SWEDEN 2 1 UNITED KINGDOM 3 0 TURKEY 1 0 ISRAEL 1 2 SAUDI ARABIA 1 0 UNITED ARAB EMIRATES1 1 0 QATAR 1 0 QATAR 1 0 QATAR 1 0 Americas Country Added Deleted Americas USA 8 7 ASIA PACIFIC Securities Securities MSCI JAPAN INDEX Deletions NIHON M&A CENTER HLDGS Additions NIHON M&A CENTER HLDGS NIHON M&A CENTER HLDGS MSCI INDONESIA INDEX Deletions None MSCI INDONESIA INDEX Deletions None MSCI PHILIPPINES INDEX Deletions None MSCI PHILIPPINES INDEX Deletions NONDE NISSIN CORP MSCI TAIWAN INDEX Deletions NONDE NISSIN CORP						
Europe, Middle Zanda Africa SWITZERLAND 1 1 1 GERMANY 2 2 2 SWEDEN 2 1 UNITED KINODOM 3 0 TURKEY 1 0 ISRAEL 1 2 SAUDI ARABIA 1 0 UNITED ARAB EMIRATES1 1 QATAR 1 0 Nb of Securities Securities Region Country Added Deleted Americas USA 8 7 ASIA PACIFIC MSCI JAPAN INDEX Additions Deletions NiHON M&A CENTER HLDGS MSCI MALAYSIA INDEX Additions Deletions None MSCI INDONESIA INDEX Additions Deletions None MSCI FILIPPINES INDEX Additions Deletions None MSCI FILIPPINES INDEX Additions Deletions None MSCI FILIPPINES INDEX Additions Deletions None MSCI TAIWAN INDEX Additions Deletions None	Decien	Countary		25		
SNITZELLAND 1 1 2 GERMANY 2 2 2 SNEDEN 2 1 UNITED KINGDOM 3 0 TURKEY 1 0 ISRAEL 1 2 SAUDI ARABIA 1 0 UNITED ARABEMIRATES1 1 QATAR 1 0 Mb of Securities Securities Region Country Added Deleted Americas USA 8 7 ASIA PACIFIC MSCI JAPAN INDEX Additions None Deletions NIHON M&A CENTER HLDGS MSCI INDONESIA INDEX Additions None Deletions None MSCI PHILIPPINES INDEX Additions None Deletions MONDE NISSIN CORP MSCI TAIWAN INDEX Additions None Deletions None	Region	country	Added		Dereced	
SNITZELLAND 1 1 2 GERMANY 2 2 2 SNEDEN 2 1 UNITED KINGDOM 3 0 TURKEY 1 0 ISRAEL 1 2 SAUDI ARABIA 1 0 UNITED ARABEMIRATES1 1 QATAR 1 0 Mb of Securities Securities Region Country Added Deleted Americas USA 8 7 ASIA PACIFIC MSCI JAPAN INDEX Additions None Deletions NIHON M&A CENTER HLDGS MSCI INDONESIA INDEX Additions None Deletions None MSCI PHILIPPINES INDEX Additions None Deletions MONDE NISSIN CORP MSCI TAIWAN INDEX Additions None Deletions None	Europe, Middle East and Africa					
SWEDEN21UNITED KINGDOM30TURKEY12SAUDI ARABIA10UNITED ARAB EMIRATES10QATAR10Added0AmericasUSA87ASIA PACIFICJAPAN INDEX AdditionsDeletions NIHON M&A CENTER HLDGSMSCI JAPAN INDEX AdditionsDeletions NIHON M&A CENTER HLDGSMSCI INDONESIA INDEX Additions NoneDeletions NoneMSCI INDONESIA INDEX Additions NoneDeletions NoneMSCI PHILIPPINES INDEX Additions NoneDeletions NoneMSCI TAIWAN INDEX Additions NoneDeletions NoneMSCI TAIWAN INDEX Additions NoneDeletions NoneMSCI TAIWAN INDEX Additions NoneDeletions NoneMSCI TAIWAN INDEX Additions NoneDeletions NoneMSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP WISTRON CORPDeletions None		SWITZERLAND	1			
UNITED KINGDOM 3 0 TURKEY 1 0 ISRAEL 1 2 SADDI ARABIA 1 0 UNITED ARAB EMIRATES1 0 UNITED ARAB EMIRATES1 1 QATAR 1 0 Nb of Securities Securities Deleted Americas USA 8 7 ASIA PACIFIC MSCI JAPAN INDEX Additions Deletions NIHON MAA CENTER HLDGS MSCI MALAYSIA INDEX Additions Deletions HAP SENG CONSOLIDATED MSCI INDONESIA INDEX Additions Deletions None MSCI PHILIPPINES INDEX Additions Deletions None MSCI PHILIPPINES INDEX Additions Deletions None MSCI TAIWAN INDEX Additions Deletions None MSCI TAIWAN INDEX Additions Deletions None MSCI TAIWAN INDEX Additions Deletions None MSCI TAIWAN INDEX Additions Deletions None		GERMANY	2		2	
TURKEY 1 0 ISRAEL 1 2 SADDI ARABIA 1 0 UNITED ARAB EMIRATES1 1 QATAR 1 0 Americas Nb of Securities Nb of Securities Americas USA 8 7 ASIA PACIFIC USA 8 7 ASIA PACIFIC Deletions NHON MGA CENTER HLDGS MSCI JAPAN INDEX Additions Deletions NHON MGA CENTER HLDGS NSCI MALAYSIA INDEX Additions Deletions NHON MGA CENTER HLDGS MSCI INDONESIA INDEX Additions Deletions NONE None Deletions None MSCI PHILIPPINES INDEX Additions Deletions None Deletions NONDE NISSIN CORP MSCI TAIWAN INDEX Additions Deletions None Deletions		SWEDEN	2		1	
ISRAEL 1 2 0 SAUDI ARABIA 1 0 UNITED ARAB EMIRATES1 0 QATAR 1 0 Mb of Securities Deleted Americas USA 8 7 ASIA PACIFIC MSCI JAPAN INDEX Additions KAISHA Deletions NIHON M&A CENTER HLDGS MSCI MALAYSIA INDEX Additions Deletions HAP SENG CONSOLIDATED MSCI INDONESIA INDEX Deletions NOTE HLDGS MSCI PHILIPPINES INDEX Deletions None MSCI PHILIPPINES INDEX Additions Deletions None MSCI PHILIPPINES INDEX Additions Deletions None MSCI TAIWAN INDEX Deletions None MSCI TAIWAN INDEX Deletions None		UNITED KINGDOM	3		0	
SAUDI ARABIA 1 0 UNITED ARAB EMIRATES1 1 QATAR 1 QATAR 1 Nb of Securities Nb of Securities Region Country Added Deleted Americas USA USA 8 ASIA PACIFIC MSCI JAPAN INDEX Additions KAWASAKI KISEN KAISHA Deletions NIHON M&A CENTER HLDGS MSCI MALAYSIA INDEX Additions Deletions HAP SENG CONSOLIDATED MSCI INDONESIA INDEX Additions GOTO GOJEK TOKOPEDIA Deletions None MSCI PHILIPPINES INDEX Additions None Deletions MONDE NISSIN CORP MSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP WISTRON CORP Deletions None		TURKEY	1		0	
UNITED ARAB EMIRATESI 1 0 QATAR 1 0 Nb of Securities Added Deleted Americas USA 8 7 ASIA PACIFIC MSCI JAPAN INDEX Additions KAWASAKI KISEN KAISHA Deletions NIHON M&A CENTER HLDGS MSCI MALAYSIA INDEX Additions Deletions NIHON M&A CENTER HLDGS MSCI INDONESIA INDEX Additions GOTO GOJEK TOKOPEDIA Deletions None Deletions MSCI FHILIPPINES INDEX Additions Deletions None Deletions None MSCI TAIWAN INDEX Additions DELETONS DELETONS NONE NONE NISSIN CORP					2	
QATAR 1 0 Region Country Added Nb of Securities Added Nb of Deleted Americas USA 8 7 ASIA PACIFIC MSCI JAPAN INDEX Deletions NIHON M&A CENTER HLDGS MSCI JAPAN INDEX Deletions NIHON M&A CENTER HLDGS Additions Deletions NIHON M&A CENTER HLDGS MSCI MALAYSIA INDEX Deletions NIHON M&A CENTER HLDGS MSCI INDONESIA INDEX Deletions None MSCI PHILIPPINES INDEX Deletions None MSCI PHILIPPINES INDEX Deletions None MSCI TAIWAN INDEX Deletions MONDE NISSIN CORP MSCI TAIWAN INDEX Deletions None MSCI TAIWAN INDEX Deletions None		SAUDI ARABIA	1		0	
RegionCountryNb of Securities AddedNb of Securities DeletedAmericasUSA87ASIA PACIFICEletions NIHON M&A CENTER HLDGS2MSCI JAPAN INDEX Additions KAWASAKI KISEN KAISHADeletions NIHON M&A CENTER HLDGSMSCI MALAYSIA INDEX Additions NoneDeletions HAP SENG CONSOLIDATEDMSCI INDONESIA INDEX Additions NoneDeletions NoneMSCI INDONESIA INDEX Additions NoneDeletions NoneMSCI PHILIPPINES INDEX Additions NoneDeletions NoneMSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP WISTRON CORPDeletions None		UNITED ARAB EMIR	ATES1		1	
RegionCountrySecurities AddedSecurities DeletedAmericasUSA87ASIA PACIFICDeletions NACI JAPAN INDEX AdditionsDeletions NIHON M&A CENTER HLDGSMSCI JAPAN INDEX AdditionsDeletions NHON M&A CENTER HLDGSMSCI MALAYSIA INDEX AdditionsDeletions MAP SENG CONSOLIDATEDMSCI INDONESIA INDEX AdditionsDeletions NoneMSCI INDONESIA INDEX AdditionsDeletions MAP SENG CONSOLIDATEDMSCI PHILIPPINES INDEX Additions NoneDeletions MONDE NISSIN CORPMSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP WISTRON CORPDeletions None		QATAR	1		0	
RegionCountrySecurities AddedSecurities DeletedAmericasUSA87ASIA PACIFICDeletions NACI JAPAN INDEX AdditionsDeletions NIHON M&A CENTER HLDGSMSCI JAPAN INDEX AdditionsDeletions NHON M&A CENTER HLDGSMSCI MALAYSIA INDEX AdditionsDeletions MAP SENG CONSOLIDATEDMSCI INDONESIA INDEX AdditionsDeletions NoneMSCI INDONESIA INDEX AdditionsDeletions MAP SENG CONSOLIDATEDMSCI PHILIPPINES INDEX Additions NoneDeletions MONDE NISSIN CORPMSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP WISTRON CORPDeletions None			Nb of		Nh of	
RegionCountryAddedDeletedAmericasUSA87ASIA PACIFICNINOR7ASIA PACIFICDeletions NIHON M&A CENTER HLDGSMSCI JAPAN INDEX Additions NoneDeletions HAP SENG CONSOLIDATEDMSCI MALAYSIA INDEX Additions NoneDeletions HAP SENG CONSOLIDATEDMSCI INDONESIA INDEX Additions GOTO GOJEK TOKOPEDIADeletions NoneMSCI PHILIPPINES INDEX Additions NoneDeletions NoneMSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP WISTRON CORPDeletions None				20		
Americas USA 8 7 ASIA PACIFIC MSCI JAPAN INDEX Additions KAWASAKI KISEN KAISHA MSCI MALAYSIA INDEX Additions None MSCI INDONESIA INDEX Additions GOTO GOJEK TOKOPEDIA MSCI PHILIPPINES INDEX Additions None MSCI PHILIPPINES INDEX Additions None MSCI TAIWAN INDEX Additions None MSCI TAIWAN INDEX Additions None MSCI TAIWAN INDEX Additions COPP MSCI TAIWAN OPP MSCI TAIWAN INDEX Additions None MSCI TAIWAN OPP MSCI TAIWA	Region	Country		20		
USA 8 7 ASIA PACIFIC MSCI JAPAN INDEX Additions KAWASAKI KISEN KAISHA Deletions NIHON M&A CENTER HLDGS DEletions HAP SENG CONSOLIDATED Deletions None MSCI PHILIPPINES INDEX Additions None MSCI PHILIPPINES INDEX Additions None MSCI TAIWAN INDEX Additions None MSCI TAIWAN INDEX MSCI TAIWAN T	Region	country	naaca		Dereted	
ASIA PACIFIC MSCI JAPAN INDEX Additions KAWASAKI KISEN KAISHA MSCI MALAYSIA INDEX Additions None MSCI INDONESIA INDEX Additions GOTO GOJEK TOKOPEDIA MSCI PHILIPPINES INDEX Additions None MSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP WISTRON CORP	Americas					
MSCI JAPAN INDEX Additions KAWASAKI KISEN KAISHADeletions NIHON M&A CENTER HLDGSMSCI MALAYSIA INDEX Additions NoneDeletions HAP SENG CONSOLIDATEDMSCI INDONESIA INDEX Additions GOTO GOJEK TOKOPEDIADeletions NoneMSCI PHILIPPINES INDEX Additions NoneDeletions MONDE NISSIN CORPMSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP WISTRON CORPDeletions None		USA	8		7	
MSCI JAPAN INDEX Additions KAWASAKI KISEN KAISHADeletions NIHON M&A CENTER HLDGSMSCI MALAYSIA INDEX Additions NoneDeletions HAP SENG CONSOLIDATEDMSCI INDONESIA INDEX Additions GOTO GOJEK TOKOPEDIADeletions NoneMSCI PHILIPPINES INDEX Additions NoneDeletions MONDE NISSIN CORPMSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP WISTRON CORPDeletions None						
Additions KAWASAKI KISEN KAISHADeletions NIHON M&A CENTER HLDGSMSCI MALAYSIA INDEX Additions NoneDeletions HAP SENG CONSOLIDATEDMSCI INDONESIA INDEX Additions GOTO GOJEK TOKOPEDIADeletions NoneMSCI PHILIPPINES INDEX Additions NoneDeletions MONDE NISSIN CORPMSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP WISTRON CORPDeletions None	ASIA PACIFIC					
Additions KAWASAKI KISEN KAISHADeletions NIHON M&A CENTER HLDGSMSCI MALAYSIA INDEX Additions NoneDeletions HAP SENG CONSOLIDATEDMSCI INDONESIA INDEX Additions GOTO GOJEK TOKOPEDIADeletions NoneMSCI PHILIPPINES INDEX Additions NoneDeletions MONDE NISSIN CORPMSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP WISTRON CORPDeletions None	MSCI JAPAN INDEX					
KAWASAKI KISEN KAISHANIHON M&A CENTER HLDGSMSCI MALAYSIA INDEX Additions NoneDeletions HAP SENG CONSOLIDATEDMSCI INDONESIA INDEX Additions GOTO GOJEK TOKOPEDIADeletions NoneMSCI PHILIPPINES INDEX Additions NoneDeletions MONDE NISSIN CORPMSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP WISTRON CORPDeletions None				Deletions		
MSCI MALAYSIA INDEX Additions None Deletions HAP SENG CONSOLIDATED MSCI INDONESIA INDEX Additions GOTO GOJEK TOKOPEDIA Deletions None Deletions MONDE NISSIN CORP MSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP WISTRON CORP		KAWASAKI KISEN KAISHA		NIHON M&A CENTE	NIHON M&A CENTER HLDGS	
Additions NoneDeletions HAP SENG CONSOLIDATEDMSCI INDONESIA INDEX Additions GOTO GOJEK TOKOPEDIADeletions NoneMSCI PHILIPPINES INDEX Additions NoneDeletions MONDE NISSIN CORPMSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP WISTRON CORPDeletions None						
Additions NoneDeletions HAP SENG CONSOLIDATEDMSCI INDONESIA INDEX Additions GOTO GOJEK TOKOPEDIADeletions NoneMSCI PHILIPPINES INDEX Additions NoneDeletions MONDE NISSIN CORPMSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP WISTRON CORPDeletions None						
None HAP SENG CONSOLIDATED MSCI INDONESIA INDEX Additions GOTO GOJEK TOKOPEDIA Deletions None Deletions None Deletions MONDE NISSIN CORP MSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP WISTRON CORP		A INDEX		Deletione		
MSCI INDONESIA INDEX Additions Deletions GOTO GOJEK TOKOPEDIA Deletions None Deletions None Deletions None NISSIN CORP MSCI TAIWAN INDEX Additions Deletions GLOBAL UNICHIP CORP Deletions None None						
Additions Deletions None None MSCI PHILIPPINES INDEX Additions Deletions MONDE NISSIN CORP MSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP Deletions None None None None None None NISTRON CORP	10115			HAP SENG CONSOL	IDAIED	
Additions Deletions None None MSCI PHILIPPINES INDEX Additions Deletions MONDE NISSIN CORP MSCI TAIWAN INDEX Additions GLOBAL UNICHIP CORP Deletions None None None None None None NISTRON CORP						
GOTO GOJEK TOKOPEDIA None MSCI PHILIPPINES INDEX Additions Deletions None MONDE NISSIN CORP MSCI TAIWAN INDEX Additions Deletions GLOBAL UNICHIP CORP Deletions None	MSCI INDONES	IA INDEX				
MSCI PHILIPPINES INDEX Additions Deletions None MONDE NISSIN CORP MSCI TAIWAN INDEX Additions Deletions GLOBAL UNICHIP CORP None WISTRON CORP	Additions			Deletions		
Additions Deletions MONDE NISSIN CORP	GOTO GOJEK TOKOPEDIA			None		
Additions Deletions MONDE NISSIN CORP						
Additions Deletions MONDE NISSIN CORP	MSCT PHTI.TOD	TNES INDEX				
None MONDE NISSIN CORP MSCI TAIWAN INDEX Additions Deletions GLOBAL UNICHIP CORP None WISTRON CORP				Deletions		
MSCI TAIWAN INDEX Additions Deletions GLOBAL UNICHIP CORP None WISTRON CORP						
AdditionsDeletionsGLOBAL UNICHIP CORPNoneWISTRON CORP						
AdditionsDeletionsGLOBAL UNICHIP CORPNoneWISTRON CORP						
GLOBAL UNICHIP CORP None WISTRON CORP		INDEX		D-1-+'		
WISTRON CORP						
				моще		
Page 1 MSCI Global Standard Indexes - May	WISIKON CORP					
	Page 1		M	MSCI Global Standard Indexes - May		

MSCI KOREA INDEX Additions HANWHA AEROSPACE COSMO ADVANCED MATRLS KT CORP POSCO INTERNATIONAL

MSCI THAILAND INDEX Additions SIAM MAKRO

MSCI INDIA INDEX Additions HINDUSTAN AERONAUTICS MAX HEALTHCARE INSTITUTE SONA BLW PRECISION

MSCI CHINA INDEX Additions AIMA TECHNOLOGY A (HK-C) ASR MICROELEC A (HK-C) BEIJING E-HUALU A (HK-C) BEIJING ROBOROCK A(HK-C) BEIJING SHANGHAI A(HK-C) BEIJING TIANTAN A (HK-C) CAMBRICON TECH A (HK-C) CHIFENG JILONG A (HK-C) CHINA NATL MED A (HK-C) COSCO SHIPPING ENERGY H FOUNDER SEC A (HK-C) GALAXYCORE A (HK-C) GIANT NETWORK A (HK-C) GREENLAND HLDGS A (HK-C) GUANGZHOU BAI IN A(HK-C) HAINAN AIRLINES A (HK-C) HAINAN AIRPORT A (HK-C) HAOHUA CHEMICAL A (HK-C) HEBEI HENSHUI A (HK-C) HEBEI YANGYUAN A (HK-C) HOYMILES POWER A (HK-C) HUAGONG TECH A (HK-C) ISOFTSTONE INFO A (HK-C) JD LOGISTICS JINDUICHENG MOL A (HK-C) JINKO SOLAR A (HK-C) KUNLUN TECH CO A (HK-C) NANJING SEC A (HK-C) NATIONAL SILICON A(HK-C) QI AN XIN TECH A (HK-C) ROCKCHIP ELECT A (HK-C) SANAN OPTOELEC A (HK-C) SDIC POWER HLDGS A(HK-C) SERES GROUP CO A (HK-C) SHANXI COAL INTL A(HK-C) SHEDE SPIRITS A (HK-C) SHENERGY CO A (HK-C) SHENZHEN KAIFA A (HK-C) SHENZHEN SED A (HK-C) SHUANGLIANG ECO A (HK-C) SINOLINK SEC CO A (HK-C) SINOMA INTL A (HK-C) SPRING AIRLINES A (HK-C) SUNRESIN NEW A (HK-C) UNIVERSAL SCIEN A (HK-C) VERISILICON MIC A (HK-C) WINTIME ENERGY A (HK-C) XINJIANG DAQO A (HK-C) YONGHUI SUPERST A (HK-C) ZHEJIANG LONGSH A (HK-C)

Deletions CHEIL WORLDWIDE LOTTE SHOPPING CO S1 CORPORATION SD BLOSENSOR

Deletions JMT NETWORK SERVICES THAI UNION GROUP

Deletions ADANI TOTAL GAS ADANI TRANSMISSION INDUS TOWERS

Deletions BEIJING CISRI A (HK-C) BEIJING YUANLIU A (HK-C) CHENGTUN MINING A (HK-C) INNER MONGOL ER A (HK-C) LUOYANG XINQIAN A (HK-C) PROYA COSMETICS A (HK-C) SHANDONG WEIFANG A (HK-C) SHANGHAI MEDICIL A (HK-C) SHANGHAI MEDICIL A (HK-C) ZHEJIANG HANGKE A (HK-C) ZHEJIANG YONGTAI A (HK-C) ZHEJIANG SANHUA A (HK-C) ZHEJIANG ZHENENG A(HK-C) ZHONGJIN GOLD A (HK-C)

EUROPE, MIDDLE EAST AND AFRICA

MSCI SWITZERLAND INDEX Additions HELVETIA HOLDING

MSCI GERMANY INDEX Additions TALANX WACKER CHEMIE

MSCI SWEDEN INDEX Additions BEIJER REF B SAAB B

MSCI UNITED KINGDOM INDEX Additions CENTRICA ENDEAVOUR MINING (GB) WISE

MSCI TURKEY INDEX Additions TOFAS TURK OTOMOBIL FAB.

MSCI ISRAEL INDEX Additions MONDAY.COM

MSCI SAUDI ARABIA INDEX Additions SAUDI ARAMCO BASE OIL CO

MSCI UNITED ARAB EMIRATES INDEX Additions AMERICANA RESTAURANTS

MSCI QATAR INDEX Additions DUKHAN BANK

AMERICAS

MSCI USA INDEX Additions ALBERTSONS COMPANIES A BUILDERS FIRSTSOURCE DECKERS OUTDOOR CORP DICKS SPORTING GOODS HYATT HOTELS A LATTICE SEMICONDUCTOR UIPATH A WATSCO Deletions CREDIT SUISSE

Deletions AROUNDTOWN UNITED INTERNET

Deletions ELECTROLUX B

Deletions None

Deletions None

Deletions BEZEQ ISRAEL TELECOM FIRST INTL BANK ISRAEL 5

Deletions None

Deletions Q HOLDING

Deletions None

Deletions DISH NETWORK A ELANCO ANIMAL HEALTH FIRST REPUBLIC BANK LIBERTY SIRIUSXM A MEDICAL PROPERTIES TRUST NEWELL BRANDS PLUG POWER

Notice and Disclaimer

- This document and all of the information contained in it, including without limitation all text, data, graphs, charts (collectively, the "Information") is the property of MSCI Inc. or its subsidiaries (collectively, "MSCI"), or MSCI's licensors, direct or indirect suppliers or any third party involved in making or compiling any Information (collectively, with MSCI, the "Information Providers") and is provided for informational purposes only. The Information may not be modified, reverse-engineered, reproduced or redisseminated in whole or in part without prior written permission from MSCI.
- The Information may not be used to create derivative works or to verify or correct other data or information. For example (but without limitation), the Information may
 not be used to create indexes, databases, risk models, analytics, software, or in connection with the issuing, offering, sponsoring, managing or marketing of any
 securities, portfolios, financial products or other investment vehicles utilizing or based on, linked to, tracking or otherwise derived from the Information or any other
 MSCI data, information, products or services.
- The user of the Information assumes the entire risk of any use it may make or permit to be made of the Information. NONE OF THE INFORMATION PROVIDERS MAKES ANY EXPRESS OR IMPLIED WARRANTIES OR REPRESENTATIONS WITH RESPECT TO THE INFORMATION (OR THE RESULTS TO BE OBTAINED BY THE USE THEREOF), AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, EACH INFORMATION PROVIDER EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF ORIGINALITY, ACCURACY, TIMELINESS, NON-INFRINGEMENT, COMPLETENESS, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) WITH RESPECT TO ANY OF THE INFORMATION.
- Without limiting any of the foregoing and to the maximum extent permitted by applicable law, in no event shall any Information Provider have any liability regarding any of the Information for any direct, indirect, special, punitive, consequential (including lost profits) or any other damages even if notified of the possibility of such damages. The foregoing shall not exclude or limit any liability that may not by applicable law be excluded or limited, including without limitation (as applicable), any liability for death or personal injury to the extent that such injury results from the negligence or willful default of itself, its servants, agents or sub-contractors.
- Information containing any historical information, data or analysis should not be taken as an indication or guarantee of any future performance, analysis, forecast or
 prediction. Past performance does not guarantee future results.
- The Information should not be relied on and is not a substitute for the skill, judgment and experience of the user, its management, employees, advisors and/or clients when making investment and other business decisions. All Information is impersonal and not tailored to the needs of any person, entity or group of persons.
- None of the Information constitutes an offer to sell (or a solicitation of an offer to buy), any security, financial product or other investment vehicle or any trading strategy.
- It is not possible to invest directly in an index. Exposure to an asset class or trading strategy or other category represented by an index is only available through third
 party investable instruments (if any) based on that index. MSCI does not issue, sponsor, endorse, market, offer, review or otherwise express any opinion regarding
 any fund, ETF, derivative or other security, investment, financial product or trading strategy that is based on, linked to or seeks to provide an investment return related
 to the performance of any MSCI index (collectively, "Index Linked Investments"). MSCI makes no assurance that any Index Linked Investments will accurately track
 index performance or provide positive investment returns. MSCI Inc. is not an investment adviser or fiduciary and MSCI makes no representation regarding the
 advisability of investing in any Index Linked Investments.
- Index returns do not represent the results of actual trading of investible assets/securities. MSCI maintains and calculates indexes, but does not manage actual assets. Index returns do not reflect payment of any sales charges or fees an investor may pay to purchase the securities underlying the index or Index Linked Investments. The imposition of these fees and charges would cause the performance of an Index Linked Investment to be different than the MSCI index performance.
- The Information may contain back tested data. Back-tested performance is not actual performance, but is hypothetical. There are frequently material differences between back tested performance results and actual results subsequently achieved by any investment strategy.
- Constituents of MSCI equity indexes are listed companies, which are included in or excluded from the indexes according to the application of the relevant index methodologies. Accordingly, constituents in MSCI equity indexes may include MSCI Inc., clients of MSCI or suppliers to MSCI. Inclusion of a security within an MSCI index is not a recommendation by MSCI to buy, sell, or hold such security, nor is it considered to be investment advice.
- Data and information produced by various affiliates of MSCI Inc., including MSCI ESG Research Inc. and Barra LLC, may be used in calculating certain MSCI indexes. More information can be found in the relevant index methodologies on www.msci.com.
- MSCI receives compensation in connection with licensing its indexes to third parties. MSCI Inc.'s revenue includes fees based on assets in Index Linked Investments. Information can be found in MSCI Inc.'s company filings on the Investor Relations section of www.msci.com.
- MSCI ESG Research Inc. is a Registered Investment Adviser under the Investment Advisers Act of 1940 and a subsidiary of MSCI Inc. Except with respect to any
 applicable products or services from MSCI ESG Research, neither MSCI nor any of its products or services recommends, endorses, approves or otherwise expresses
 any opinion regarding any issuer, securities, financial products or instruments or trading strategies and MSCI's products or services are not intended to constitute
 investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. Issuers mentioned or
 included in any MSCI ESG Research materials may include MSCI Inc., clients of MSCI or suppliers to MSCI, and may also purchase research or other products or
 services from MSCI ESG Research. MSCI ESG Research materials, including materials utilized in any MSCI ESG Indexes or other products, have not been submitted
 to, nor received approval from, the United States Securities and Exchange Commission or any other regulatory body.
 - Any use of or access to products, services or information of MSCI requires a license from MSCI. MSCI, Barra, RiskMetrics, IPD, FEA, InvestorForce, and other MSCI brands and product names are the trademarks, service marks, or registered trademarks of MSCI or its subsidiaries in the United States and other jurisdictions. The Global Industry Classification Standard (GICS) was developed by and is the exclusive property of MSCI and Standard & Poor's. "Global Industry Classification Standard & Poor's."

© 2023 MSCI. All rights reserved.

About MSCI

For more than four decades, MSCI (NYSE: MSCI) has helped global investors build and manage better portfolios. Our research-based tools and services provide our clients with deeper insights into drivers of risk and performance, broad asset class coverage and innovative ways to bring investment strategies to market. Our offerings include indexes, data, analytical models, regulatory reporting and ESG research. MSCI's clients include 95 of the world's 100 largest money managers, as ranked by P&I. For more information, visit us at www.msci.com.