

Brown Brothers Harriman (Luxembourg) S.C.A. - List of sub-custodians as at June, 2024

MARKET	SUB-CUSTODIAN(S)
ARGENTINA	CITIBANK, N.A. BUENOS AIRES BRANCH
AUSTRALIA	CITIGROUP PTY LIMITED FOR CITIBANK, N.A. HSBC BANK AUSTRALIA LIMITED FOR THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC)
AUSTRIA	DEUTSCHE BANK AG UNICREDIT BANK AUSTRIA AG
BAHRAIN	HSBC BANK MIDDLE EAST LIMITED, BAHRAIN BRANCH FOR THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC)
BANGLADESH	STANDARD CHARTERED BANK, BANGLADESH BRANCH
BELGIUM	BNP PARIBAS S.A. DEUTSCHE BANK AG, AMSTERDAM BRANCH
BOSNIA	UNICREDIT BANK D.D. FOR UNICREDIT BANK AUSTRIA AG
BOTSWANA	STANDARD CHARTERED BANK BOTSWANA LIMITED FOR STANDARD CHARTERED BANK
BRAZIL	CITIBANK, N.A. SÃO PAULO ITAÚ UNIBANCO S.A.
BULGARIA	CITIBANK EUROPE PLC, BULGARIA BRANCH FOR CITIBANK N.A.
CANADA	RBC INVESTOR SERVICES TRUST FOR ROYAL BANK OF CANADA(RBC)
CHILE	BANCO DE CHILE FOR CITIBANK, N.A.
CHINA	BANK OF CHINA LIMITED CHINA CONSTRUCTION BANK CORPORATION CITIBANK (CHINA) CO., LTD. FOR CITIBANK N.A. HSBC BANK (CHINA) COMPANY LIMITED FOR THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC) INDUSTRIAL AND COMMERCIAL BANK OF CHINA LIMITED STANDARD CHARTERED BANK (CHINA) LIMITED FOR STANDARD CHARTERED BANK
COLOMBIA	CITITRUST COLOMBIA S.A., SOCIEDAD FIDUCIARIA FOR CITIBANK,N.A
CROATIA	ZAGREBACKA BANKA D.D. FOR UNICREDIT BANK AUSTRIA AG
CYPRUS	BNP PARIBAS S.A. ATHENS BRANCH
CZECH REPUBLIC	CITIBANK EUROPE PLC, ORGANIZAČNÍ SLOZKA FOR CITIBANK, N.A.
DENMARK	SKANDINAVISKA ENSKILDA BANKEN AB (PUBL), DANMARK BRANCH
EGYPT	CITIBANK, N.A.-CAIRO BRANCH HSBC BANK EGYPT S.A.E. FOR THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC)
FINLAND	SKANDINAVISKA ENSKILDA BANKEN AB (PUBL), HELSINKI BRANCH
FRANCE	BNP PARIBAS S.A. CACEIS BANK DEUTSCHE BANK AG, AMSTERDAM BRANCH
GERMANY	BNP PARIBAS S.A. NIEDERLASSUNG DEUTSCHLAND DEUTSCHE BANK AG
GHANA	STANDARD CHARTERED BANK GHANA PLC FOR STANDARD CHARTERED BANK
GREECE	BNP PARIBAS S.A., ATHENS BRANCH
HONG KONG	STANDARD CHARTERED BANK (HONG KONG) LIMITED FOR STANDARD CHARTERED BANK THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC)
HONG KONG-BOND CONNECT	STANDARD CHARTERED BANK (HONG KONG) LIMITED FOR STANDARD CHARTERED BANK
HONG KONG-BOND CONNECT	THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC)
HONG KONG-STOCK CONNECT	THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC)
HUNGARY	CITIBANK EUROPE PLC, HUNGARIAN BRANCH OFFICE FOR CITIBANK,N.A. UNICREDIT BANK HUNGARY ZRT FOR UNICREDIT BANK HUNGARY ZRT AND UNICREDIT S.P.A.
ICELAND	LANDSBANKINN HF.
INDIA	CITIBANK, N.A. - MUMBAI BRANCH THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC)-INDIA BRANCH
INDONESIA	CITIBANK, N.A.-JAKARTA BRANCH STANDARD CHARTERED BANK, INDONESIA BRANCH
IRELAND	HSBC BANK PLC
ISRAEL	BANK HAPOALIM BM CITIBANK, N.A., ISRAEL BRANCH
ITALY	BNP PARIBAS S.A., SURCURSALE ITALIA SOCIÉTÉ GÉNÉRALE SECURITIES SERVICES S.P.A. (SGSS S.P.A.)
IVORY COAST	STANDARD CHARTERED BANK COTE D'IVOIRE FOR STANDARD CHARTERED BANK
JAPAN	MIZUHO BANK LTD MUFG BANK, LTD. SUMITOMO MITSUIBANKING CORPORATION
KAZAKHSTAN	JSC CITIBANK KAZAKHSTAN FOR CITIBANK, N.A.
KENYA	STANDARD CHARTERED BANK KENYA LIMITED FOR STANDARD CHARTERED BANK
KUWAIT	HSBC BANK MIDDLE EAST LIMITED - KUWAIT BRANCH FOR THE HONG KONG AND SHANGHAI BANKING CORPORATION LTD. (HSBC)
LUXEMBOURG	BNP PARIBAS S.A., SUCCURSALE DE LUXEMBOURG *** Utilized for mutual funds holdings only. ***
MALAYSIA	HSBC BANK MALAYSIA BERHAD (HBMB) FOR THE HONG KONG AND SHANGHAI BANKING CORPORATION LTD. (HSBC) STANDARD CHARTERED BANK MALAYSIA BERHAD FOR STANDARD CHARTERED BANK

MAURITIUS	THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC)-MAURITIUS BRANCH
MEXICO	BANCO NACIONAL DE MEXICO, SA (BANAMEX) FOR CITIBANK, N.A. BANCO S3 CACEIS MEXICO, S.A. INSTITUCION DE BANCA MULTIPLE FOR BANCO SANTANDER, S.A. AND BANCO S3 CACEIS MEXICO, S.A. INSTITUCION DE BANCA MULTIPLE
MOROCCO	CITIBANK MAGHREB S.A. FOR CITIBANK, N.A.
NAMIBIA	STANDARD BANK NAMIBIA LTD. FOR STANDARD BANK OF SOUTH AFRICA LIMITED
NETHERLANDS	BNP PARIBAS S.A. DEUTSCHE BANK AG, AMSTERDAM BRANCH
NEW ZEALAND	THE HONG KONG AND SHANGHAI BANKING CORPORATON LIMITED (HSBC)-NEW ZEALAND BRANCH
NIGERIA	STANBIC IBTC BANK PLC FOR STANDARD BANK OF SOUTH AFRICA LIMITED
NORWAY	SKANDINAVISKA ENSKILDA BANKEN AB (PUBL), OSLO
PAKISTAN	STANDARD CHARTERED BANK (PAKISTAN) LIMITED FOR STANDARD CHARTERED BANK
PERU	CITIBANK DEL PERÚ S.A. FOR CITIBANK, N.A.
PHILIPPINES	STANDARD CHARTERED BANK - PHILIPPINES BRANCH THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC)-PHILIPPINE BRANCH
POLAND	BANK HANDLOWY W WARSZAWIE SA (BHW) FOR CITIBANK NA BANK POLSKA KASA OPIEKI SA
PORTUGAL	BNP PARIBAS S.A.
QATAR	HSBC BANK MIDDLE EAST LTD - QATAR BRANCH FOR THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC)
ROMANIA	CITIBANK EUROPE PLC, DUBLIN - SUCURSALA ROMANIA FOR CITIBANK, N.A.
RUSSIA	AO CITIBANK FOR CITIBANK, N.A.
SAUDI ARABIA	HSBC SAUDI ARABIA AND SAUDI AWWAL BANK (SAB) FOR THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC)
SERBIA	UNICREDIT BANK SERBIA JSC FOR UNICREDIT BANK AUSTRIA AG
SINGAPORE	DBS BANK LTD (DBS) STANDARD CHARTERED BANK (SINGAPORE) LIMITED FOR STANDARD CHARTERED BANK THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC)-SINGAPORE BRANCH
SLOVAKIA	CITIBANK EUROPE PLC, POBOČKA ZAHRA NIČNEJ BANKY FOR CITIBANK, N.A.
SLOVENIA	UNICREDIT BANKA SLOVENIJA DD FOR UNICREDIT BANKASLOVENIJA DD AND UNICREDIT S.P.A.
SOUTH AFRICA	STANDARD BANK OF SOUTH AFRICA LIMITED (SBSA) STANDARD CHARTERED BANK, JOHANNESBURG BRANCH
SOUTH KOREA	CITIBANK KOREA INC. FOR CITIBANK, N.A. KEB HANA BANK THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED -KOREA BRANCH
SPAIN	BANCO BILBAO VIZCAYA ARGENTARIA SA BNP PARIBAS S.A., SUCURSAL EN ESPAÑA SOCIÉTÉ GÉNÉRALE SUCURSAL EN ESPAÑA
SRI LANKA	THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC)-SRI LANKA BRANCH
SWEDEN	SKANDINAVISKA ENSKILDA BANKEN AB (PUBL)
SWITZERLAND	CREDIT SUISSE (SWITZERLAND) LTD. UBS SWITZERLAND AG
TAIWAN	HSBC BANK (TAIWAN) LIMITED FOR THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC) STANDARD CHARTERED BANK (TAIWAN) LTD FOR STANDARD CHARTERED BANK
TANZANIA	STANDARD CHARTERED BANK TANZANIA LIMITED AND STANDARD CHARTERED BANK (MAURITIUS) LIMITED FOR STANDARD CHARTERED BANK
THAILAND	THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC)-THAILAND BRANCH
TRANSNATIONAL (CLEARSTREAM)	BROWN BROTHERS HARRIMAN & CO. (BBH&CO.)
TRANSNATIONAL (EUROCLEAR)	BROWN BROTHERS HARRIMAN & CO. (BBH&CO.)
TUNISIA	UNION INTERATIONALE DE BANQUES (UIB)
TURKEY	CITIBANK ANONIM SIRKETI FOR CITIBANK, N.A. DEUTSCHE BANK A.S. FOR DEUTSCHE BANK A.S. AND DEUTSCHE BANK AG
UGANDA	STANDARD CHARTERED BANK UGANDA LIMITED FOR STANDARD CHARTERED BANK
UKRAINE	JOINT STOCK COMPANY "CITIBANK" (JSC "CITIBANK") FOR CITIBANK,N.A.
UNITED ARAB EMIRATES	HSBC BANK MIDDLE EAST LIMITED FOR THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC)
UNITED KINGDOM	CITIBANK, N.A., LONDON BRANCH HSBC BANK PLC
UNITED STATES	BBH&CO.
URUGUAY	BANCO ITAÚ URUGUAY S.A. FOR BANCO ITAÚ URUGUAY S.A. AND ITAÚ UNIBANCO S.A.
VIETNAM	HSBC BANK (VIETNAM) LTD. FOR THE HONG KONG AND SHANGHAI BANKING CORPORATION LIMITED (HSBC)
ZAMBIA	STANDARD CHARTERED BANK ZAMBIA PLC FOR STANDARD CHARTERED BANK
ZIMBABWE	STANBIC BANK ZIMBABWE LIMITED FOR STANDARD BANK OF SOUTH AFRICA LIMITED

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