

Proxy Benchmarks – PRIIP Regulation

List of proxy benchmarks used for regulatory calculations under the **Regulation (EU) No 1286/2014 of the European Parliament and of the Council of 26 November 2014 on packaged retail and insurance-based investment products** ("PRIIP Regulation"), as of **23 January 2020**.

UBS has to produce and to provide to retail investors under certain circumstances key information documents ("KID") pursuant to the PRIIP Regulation.

A KID includes product specific information and performance scenarios calculated according to the provisions provided by the PRIIP Regulation. The calculations to determine the performance scenarios have to be based on the historical performance of the underlying. In case an underlying does **not** provide for enough historic price data a substitute by reference to a proxy benchmark has to be applied.

The information contained herein shall provide you with the proxy benchmarks applied in case that the above mentioned price history is not available. The exact methodology and further details are set out in annexes II and IV of the Regulatory Technical Standards of the PRIIP Regulation.

List of underlying substituted by a proxy benchmark

Underlying name	Proxy benchmark name	Selected by	Used until
Agnico Eagle Mines Limited	Barrick Gold Corporation	UBS	Until further notice
Alcon Inc.	Novartis AG	UBS	April 2021
Algebris Financial Credit Funds W EUR	Algebris Financial Credit Funds-R EUR	UBS	February 2022
AUD/USD 19-Sep-2018 Forward	AUD/USD	UBS	Until further notice
Basket of China's Lower Tier Cities (ISIN: CH0419057507)	Hang Seng China Enterprises Index	UBS	Until further notice
Basket of Chinese Shares (ISIN: CH0416888235)	Hang Seng China Enterprises Index	UBS	Until further notice
Basket of Chinese Shares (ISIN: DE000UV799N0)	Hang Seng China Enterprises Index	UBS	Until further notice
Basket of EMU Stock Shares (ISIN: CH0397866937)	Euro STOXX 50 Price Index	UBS	Until further notice
Basket of Global Metal Equities (ISIN: DE000UY63HC2)	STOXX Europe 600 EUR Price Index	UBS	Until further notice
Basket of Real Estate Shares (ISIN: CH0416887468)	Dubai Financial Market Index	UBS	Until further notice
Basket of Swiss Shares (ISIN: DE000UV9NVK7)	SMI PR Index	UBS	Until further notice
Basket of US Shares (ISIN: CH0410513144)	Dow Jones US Banks Index (USD)	UBS	Until further notice
Basket of US Shares (ISIN: CH0412800325)	Solactive Cloud Computing Index	UBS	Until further notice
Basket of US Stocks (ISIN: CH0477600149)	S&P 500 Index	UBS	May 2021
Basket of US Stocks (ISIN: CH0490249817)	S&P 500 Index	UBS	July 2021
Beyond Meat Inc.	Tyson Foods	UBS	May 2021
BILIBILI Inc.	S&P 500 Index	UBS	October 2021
BIL Crisis Opportunity Basket	S&P 500 Index	UBS	April 2022
Blockchain Equity Basket (ISIN: DE000UX647X8)	Invesco S&P 500 Equal Weight Technology ETF	UBS	Oct. 2020
Digital Home Basket	NASDAQ 100 Index	UBS	May 2022
EQT AB	EURO STOXX Banks EUR Price Index	UBS	March 2022
GAM Star PLC - Credit Opportunities EUR	SPDR Bloomberg Barclays Euro Aggr. Bond UCITS ETF	UBS	Until further notice
Healthcare Basket	MSCI World Index	UBS	Until further notice
Healthcare Basket	MSCI World Index	UBS	Until further notice
Hydrogen Basket	MSCI World Index	UBS	Until further notice
JDE Peet's	Heineken	UBS	June 2022
JPY/USD 19-Sep-18 Forward	JPY/USD	UBS	Until further notice
K Switzerland Low Volatility Index (ISIN: CH0428528670)	SPI Index	UBS	Aug. 2020

Knorr-Bremse AG	Continental	UBS	Jan. 2021
KRW/USD 21-Mar-18 Non-Deliverable Forward	KRW/USD	UBS	Until further notice
Linde PLC	Linde AG	UBS	Nov. 2020
Lyft Inc.	Square Inc.	UBS	March 2021
MongoDB Inc.	TABLEAU SOFTWA-A	UBS	Nov. 2020
MSCI Emerging Markets Net Total Return Index	MSCI World Index	UBS	Until further notice
NASDAQ 100 Total Return Index	NASDAQ 100 Index	UBS	Until further notice
NINTENDO	NIKKEI 225 Index	UBS	Until further notice
Nordea Bank ABP (Listing in Finland)	Nordea Bank ABP (Listing in Sweden)	UBS	Until further notice
Ping An Insurance Group	Hang Seng Hong Kong Index	UBS	Until further notice
Pirelli & C SPA	Continental	UBS	October 2021
QIX Dividenden Europa	Euro STOXX 50 Price Index	UBS	Until further notice
Russell 2000 Index	NASDAQ 100 Index	UBS	Until further notice
S&P Toronto Stock Exchange 60 TR Index	iShares MSCI Canada ETF	UBS	Until further notice
S&P/ASX 200 Index	iShares MSCI Australia	UBS	Until further notice
SIG Combibloc Group AG	Winpak Ltd	UBS	Sept. 2020
Signify	Philips	UBS	Jan. 2021
Silver P.M.	Silver oz./USD	UBS	Until further notice
Smart Mobility Basket	Benchmark for Basket 9420703	UBS	Until further notice
Smart Mobility Basket	Benchmark for Basket 9419365	UBS	Until further notice
Slack Technologies Inc.	S&P 500 Index	UBS	Sept. 2021
Solactive Global Gender Diversity Net TR Index (CHF)	MSCI World Index	UBS	Until further notice
Solactive Global Gender Diversity Net TR Index (EUR)	MSCI World Index	UBS	Until further notice
Solactive Global Gender Diversity Net TR Index (USD)	MSCI World Index	UBS	Until further notice
Solactive M&A Europe Total Return Index (EUR)	Euro STOXX 50 Price Index	UBS	Until further notice
Solactive Swiss Family Owned Companies Net TR Index (CHF)	SMI PR Index	UBS	Until further notice
Sony	NIKKEI 225 Index	UBS	Until further notice
SPTSX 60 Index	MSCI Canada Index	UBS	Until further notice
Standard & Poor's 500 Information Technology Index	S&P 500 Index	UBS	Until further notice
Stadler Rail AG	Swiss Market Index	UBS	April 2021
Stock Basket	STOXX Europe 600 EUR Price Index	UBS	Until further notice
Stock Basket	S&P 500 Index	UBS	Until further notice
Swiss Real Estate Basket (ISIN: CH0338407411)	SXI Real Est Fd PR	UBS	Until further notice
Swiss Real Estate Basket (ISIN: CH0521386059)	SXI Real Est Fd PR	UBS	Until further notice
Swiss Real Estate Basket (ISIN: CH0410027244)	SXI Swiss Real Estate Funds Total Return Index	UBS	Nov. 2020
SX5E Dividend Fut Dec21 FUT ON EURO STOXX 50 INDEX DIV	Euro STOXX 50 Price Index	UBS	Until further notice
Team Viewer	Software AG	UBS	Sept. 2021
Tencent Hldg	Hang Seng China Enterprises Index	UBS	Until further notice
The Cyclical Rotation Basket	MSCI World Index	UBS	Until further notice
The Global Comeback Basket (ISIN: CH0452045674)	MSCI World Index	UBS	Feb. 2021
TOPIX Net Total Return Index	TOPIX Stock Price Index	UBS	Until further notice
TOPIX Stock Price Index	ISHARES MSCI JAPAN ETF	UBS	Until further notice
Toyota Industries Corp.	NIKKEI 225 Index	UBS	Until further notice
Traton SE	Volkswagen AG	UBS	June 2021
Uber Technologies Inc.	TripAdvisor	UBS	May 2021
UBS 20Y US Treasuries Index	iShares USD Treasury Bond 20+Y	UBS	Until further notice
UBS 2Y US Treasuries ER Index	iShares USD Treasury Bond 1/3Y	UBS	Until further notice
UBS Global Quality Dividend Payers Index ER USD	MSCI World Index	UBS	Until further notice
UBS US Quality Dividend Payer Index L/O Net Total Return	S&P 500 Index	UBS	Until further notice
UBS Market Beta Australia Equity Index ER AUD	S&P/ASX 200 Index	UBS	Until further notice
UBS Market Beta Europe Equity ER Index	Euro STOXX 50 Price Index	UBS	Until further notice
UBS Market Beta Switzerland Equity ER Index	SMI PR Index	UBS	Until further notice
UBS Market Beta US Equity ER Index	S&P 500 Index	UBS	Until further notice
Zoom Video Communications Inc.	NASDAQ 100 Index	UBS	May 2022

List of Actively Managed Certificates / Reference Portfolios substituted by a proxy benchmark

ISIN	Proxy benchmark name	Selected by	Used until
CH0420785153	MSCI World Index	AMC advisor	09.07.2020
CH0420785146	MSCI World Index	AMC advisor	09.07.2020
CH0410018375	MSCI World Information Technology Index	AMC advisor	09.07.2020
CH0410019480	MSCI World Information Technology Net Total Return Index	AMC advisor	16.08.2020
CH0410019860	MSCI World Net Total Return Index	AMC advisor	31.08.2020
CH0410019852	MSCI World Net Total Return Index	AMC advisor	31.08.2020
CH0410024142	MSCI World Net Total Return Index	AMC advisor	31.08.2020
CH0410019324	MSCI Daily TR Net World Index	AMC advisor	13.09.2020
CH0410028879	iShares Healthcare Innovation UCITS ETF	AMC advisor	30.10.2020
CH0410026089	iShares Healthcare Innovation UCITS ETF	AMC advisor	30.10.2020
DE000US8MAR5	iShares Healthcare Innovation UCITS ETF	AMC advisor	01.11.2020
CH0410029687	MSCI World Index	AMC advisor	07.11.2020
CH0410017336	NASDAQ 100 Index	AMC advisor	07.12.2020
CH0441697478	MSCI Europe High Dividend Yield Net Return EUR Index	AMC advisor	27.02.2021
CH0441692958	NASDAQ 100 Index	AMC advisor	28.02.2021
CH0466791560	MSCI World Index	AMC advisor	20.03.2021
CH0441697775	MSCI ACWI/MEDIA	AMC advisor	17.04.2021
CH0441695316	STOXX Europe 600 EUR Price Index	AMC advisor	23.04.2021
CH0441695225	STOXX Europe 600 EUR Price Index	AMC advisor	23.04.2021
CH0470254498	STOXX Europe 600 EUR Price Index	AMC advisor	29.04.2021
CH0470254506	STOXX Europe 600 EUR Price Index	AMC advisor	29.04.2021
CH0441701841	MSCI World Index	AMC advisor	15.05.2021
CH0441701114	S&P 500 Index	AMC advisor	20.05.2021
CH0441698849	MSCI World Index	AMC advisor	20.05.2021
CH0472307799	MSCI Healthcare Index	AMC advisor	30.05.2021
CH0478062471	MSCI Healthcare Index	AMC advisor	17.06.2021
CH0478064659	MSCI Healthcare Index	AMC advisor	17.06.2021
CH0478062489	MSCI Healthcare Index	AMC advisor	17.06.2021
CH0473581848	ETFMG Video Game Tech ETF	AMC advisor	01.07.2021
CH0473581921	ETFMG Video Game Tech ETF	AMC advisor	01.07.2021
CH0482771588	MSCI Healthcare Index	AMC advisor	10.07.2021
CH0473591037	MSCI World Index	AMC advisor	16.10.2021
CH0473590963	MSCI World Index	AMC advisor	01.11.2021
CH0507198163	MSCI World Index	AMC advisor	06.11.2021
CH0441701841	MSCI World Index	AMC advisor	15.05.2021
CH0441701114	S&P 500 Index	AMC advisor	20.05.2021
CH0473585021	EONIA Capitalization Index	AMC advisor	24.09.2021
CH0473589759	S&P 500 Index	AMC advisor	11.10.2021
CH0511551407	STOXX Europe 600 EUR Price Index	AMC advisor	12.12.2021
CH0511367242	SPI INDEX	AMC advisor	10.02.2022
CH0473593264	SPI INDEX	AMC advisor	12.02.2022
CH0473593256	SPI INDEX	AMC advisor	12.02.2022
CH0473581046	MSCI World Index	AMC advisor	17.02.2022
CH0511367929	MSCI World Index	AMC advisor	27.02.2022
CH0540071641	S&P 500 Index	AMC advisor	05.05.2022
CH0511365139	MSCI World Index	AMC advisor	06.05.2022
CH0511370139	MSCI World Index	AMC advisor	03.06.2022
CH0511374156	MSCI World Index	AMC advisor	10.06.2022
CH0544047381	MSCI World Index	AMC advisor	15.06.2022
CH0511366632	MSCI WORLD INFORMATION TECHNOLOGY Net Total Return Index	AMC advisor	16.06.2022
CH0511366806	MSCI World Index	AMC advisor	24.06.2022
CH0511379387	MSCI ACWI Index	AMC advisor	17.07.2022

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