

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 **11 January 2021**.

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
5G Basket	NASDAQ 100 Index	UBS	August 2022
5G Technology Basket	NASDAQ 100 Index	UBS	Dezember 2022
AAC TECHNOLOGIES HOLDINGS INCORPORATION	Hang Seng Composite Index	UBS	January 2023
Agnico Eagle Mines Limited	Barrick Gold Corporation	UBS	Until further notice
Airbnb Inc.	Booking Holdings Inc.	UBS	February 2021
Alcon Inc.	Novartis AG	UBS	April 2021
Algebris Financial Credit Funds W EUR	Algebris Financial Credit Funds-R EUR	UBS	February 2022
Apache	ConocoPhillips	UBS	February 2023
AUD/USD 19-Sep-2018 Forward	AUD/USD	UBS	Until further notice
Banco de Sabadell SA	IBEX 35 Index	UBS	January 2023
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 German Stocks (ISIN: CH0571161758)		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
BioNTech SE	Amgen	UBS	February 2023
Campaign Warrior Basket	NASDAQ 100 Index	UBS	September 2022
CrowdStrike Holdings Inc.	S&P 500 Index	UBS	January 2023
Digital Home Basket	NASDAQ 100 Index	UBS	May 2022
DOW INC	Exxon Mobil	UBS	January 2023
EQT AB	EURO STOXX Banks EUR Price Index	UBS	March 2022

Europe infrastructure & Green deal Basket	Euro STOXX 50 Price Index	UBS	August 2022
Evoq High Conviction 2021 Europe Stock Basket	Euro STOXX 50 Price Index	UBS	November 2022
Future Mobility Basket	S&P 500 Index	UBS	December 2022
GAM Star PLC - Credit Opportunities EUR	SPDR Bloomberg Barclays Euro Aggr. Bond UCITS ETF	UBS	Until further notice
Gaming Basket	NASDAQ 100 Index	UBS	October 2022
Gold Income Call Overwrite Strategy	Bloomberg Gold ER Subindex	UBS	October 2020
Hang Seng Tech Index	Hang Seng China Enterprises Index	UBS	September 2022
Hang Seng TECH Net Total Return Index	MSCI World Index	UBS	November 2022
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
iQiyi	Baidu Inc	UBS	February 2023
JDE Peet's	Heineken	UBS	June 2022
JPY/USD 19-Sep-18 Forward	JPY/USD	UBS	Until further notice
Knorr-Bremse AG	Continental	UBS	Jan. 2022
KRW/USD 21-Mar-18 Non-Deliverable Forward	KRW/USD	UBS	Until further notice
Lyft Inc.	Square Inc.	UBS	March 2021
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
Nexi S.p.A.	FTSE MIB EUR Index	UBS	January 2023
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
Prosus NV	Amsterdam Exchange Index (AEX)	UBS	January 2023
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
Signify	Philips	UBS	Jan. 2021
Silver P.M.	Silver oz./USD	UBS	Until further notice
Small and Mid Cap Basket	Euro STOXX 50 Price Index	UBS	December 2022
Smart Mobility Basket	Benchmark for Basket 9420703	UBS	Until further notice
Smart Mobility Basket	Benchmark for Basket 9419365	UBS	Until further notice
SNOWFLAKE INC	Splunk	UBS	Oct 2022
Slack Technologies Inc.	S&P 500 Index	UBS	Sept. 2021
SoftwareONE Holding Ltd	Temenos	UBS	Nov. 2022
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 (ISIN: CH0509385982)	STOXX Europe 600 EUR Price Index	UBS	Until further notice
Stock Basket (ISIN: CH0546354173)	S&P 500 Index	UBS	Until further notice
Stock Basket (ISIN: CH0575738551)	Hang Seng Hong Kong Index	UBS	Until further notice
Stock Basket (ISIN: CH0578494533)	Hang Seng Composite Index	UBS	Until further notice
Stock Basket (ISIN: CH0578499375)	Euro STOXX 50 Price Index	UBS	Until further notice
Stock Basket (ISIN: CH0578504299)	Euro STOXX 50 Price Index	UBS	Until further notice
SUNRISE COMMUNICATIONS GROUP AG	Sunrise	UBS	February 2022
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
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
Tencent Music Entertainment Group	Netflix	UBS	February 2023
The Cyclical Rotation Basket	MSCI World Index	UBS	Until further notice
the Education Basket	MSCI World Index	UBS	January 2023
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
Tourism Stock Selection Basket	NASDAQ 100 Index	UBS	October 2022
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
Unibail-Rodamco-Westfield N.V.	Unibail-Rodamco SE	UBS	Feb 2022
US-REITs Basket	S&P 500 Index	UBS	August 2022
Varta AG	Continental AG	UBS	Dez 2022
VAT Group AG	AMS	UBS	March 2021
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
CH0441692958	NASDAQ 100 Index	AMC advisor	28.02.2021
CH0441695225	STOXX Europe 600 EUR Price Index	AMC advisor	23.04.2021
CH0441695316	STOXX Europe 600 EUR Price Index	AMC advisor	23.04.2021
CH0441697478	MSCI Europe High Dividend Yield Net Return EUR Index	AMC advisor	27.02.2021
CH0441697775	MSCI ACWI/MEDIA	AMC advisor	17.04.2021
CH0441698849	MSCI World Index	AMC advisor	20.05.2021
CH0441701114	S&P 500 Index	AMC advisor	20.05.2021
CH0441701114	S&P 500 Index	AMC advisor	20.05.2021
CH0441701841	MSCI World Index	AMC advisor	15.05.2021
CH0441701841	MSCI World Index	AMC advisor	15.05.2021
CH0466791560	MSCI World Index	AMC advisor	20.03.2021
CH0470254498	STOXX Europe 600 EUR Price Index	AMC advisor	29.04.2021
CH0470254506	STOXX Europe 600 EUR Price Index	AMC advisor	29.04.2021
CH0472307799	MSCI Healthcare Index	AMC advisor	30.05.2021
CH0473581046	MSCI World Index	AMC advisor	17.02.2022
CH0473581848	ETFMG Video Game Tech ETF	AMC advisor	01.07.2021
CH0473581921	ETFMG Video Game Tech ETF	AMC advisor	01.07.2021
CH0473585021	EONIA Capitalization Index	AMC advisor	24.09.2021
CH0473589759	S&P 500 Index	AMC advisor	11.10.2021
CH0473590963	MSCI World Index	AMC advisor	01.11.2021
CH0473591037	MSCI World Index	AMC advisor	16.10.2021
CH0473593256	SPI INDEX	AMC advisor	12.02.2022
CH0473593264	SPI INDEX	AMC advisor	12.02.2022
CH0478062471	MSCI Healthcare Index	AMC advisor	17.06.2021
CH0478062489	MSCI Healthcare Index	AMC advisor	17.06.2021

CH0478064659	MSCI Healthcare Index	AMC advisor	17.06.2021
CH0482771588	MSCI Healthcare Index	AMC advisor	10.07.2021
CH0507198163	MSCI World Index	AMC advisor	06.11.2021
CH0511365139	MSCI World Index	AMC advisor	06.05.2022
CH0511366632	MSCI WORLD INFORMATION TECHNOLOGY Net Total Return Index	AMC advisor	16.06.2022
CH0511366806	MSCI World Index	AMC advisor	24.06.2022
CH0511367242	SPI INDEX	AMC advisor	10.02.2022
CH0511367929	MSCI World Index	AMC advisor	27.02.2022
CH0511370139	MSCI World Index	AMC advisor	03.06.2022
CH0511374156	MSCI World Index	AMC advisor	10.06.2022
CH0511379387	MSCI ACWI Index	AMC advisor	17.07.2022
CH0511551407	STOXX Europe 600 EUR Price Index	AMC advisor	12.12.2021
CH0540071641	S&P 500 Index	AMC advisor	05.05.2022
CH0544047381	MSCI World Index	AMC advisor	15.06.2022
CH0547922325	MSCI Europe	AMC advisor	16.10.2022
CH0547923596	iBoxx USD Liquid Investment Grade TotalReturn Index	AMC advisor	08.07.2022
CH0547923885	MSCI World Index	AMC advisor	14.07.2022
CH0547924610	MSCI World Index	AMC advisor	07.08.2022
CH0547925146	CBOE@ S&P 500 95-110 Collar Index	AMC advisor	13.08.2022
CH0547925187	MSCI World Index	AMC advisor	28.08.2022
CH0547925195	MSCI World Index	AMC advisor	28.08.2022
CH0547925229	MSCI World Index	AMC advisor	19.08.2022
CH0547925245	S&P 500 Index	AMC advisor	24.08.2022
CH0547925906	MSCI World Index	AMC advisor	08.09.2022
CH0547925955	MSCI World Index	AMC advisor	08.09.2022
CH0547926045	MSCI World Index	AMC advisor	16.10.2022
CH0547926060	MSCI World Net Total Return Index	AMC advisor	11.09.2022
CH0547926110	MSCI World Index	AMC advisor	13.10.2022
CH0547926128	MSCI World Index	AMC advisor	13.10.2022
CH0547926136	MSCI World Index	AMC advisor	16.10.2022
CH0547926169	MSCI World Index	AMC advisor	08.09.2022
CH0547926177	MSCI World Index	AMC advisor	13.10.2022
CH0547926953	STOXX Europe 600 Health Care EUR Price Index	AMC advisor	29.09.2022
CH0547928397	S&P 500 Index	AMC advisor	14.10.2022
CH0547928728	MSCI Europe	AMC advisor	16.10.2022
CH0547929346	NASDAQ 100 Index	AMC advisor	03.11.2022
CH0547930476	MSCI ACWI Index	AMC advisor	04.08.2022
CH0547932050	MSCI Emerging Markets Index	AMC advisor	16.12.2022
CH0547932092	MSCI ACWI Index	AMC advisor	07.09.2022
CH0547934197	S&P 500 Index	AMC advisor	14.10.2022
CH0547934205	S&P 500 Index	AMC advisor	14.10.2022
CH0547934429	MSCI Europe	AMC advisor	14.10.2022
CH0547934825	MSCI World Index	AMC advisor	16.10.2022
CH0547935129	SPDR S&P 500 ETF TRUST	AMC advisor	21.10.2022
CH0547935863	Bloomberg Barclays US Agg Total Return Value Unhedged USD	AMC advisor	05.01.2023
CH0547936259	MSCI World Index	AMC advisor	23.11.2022
CH0547936390	MSCI World Index	AMC advisor	09.11.2022
CH0552928746	MSCI World Index	AMC advisor	22.07.2022
CH0561425395	Consumer Staples Select Sector Index:Standard & Poor's Indices:Total Return (SNF)	AMC advisor	31.07.2022
CH0563384012	MSCI World Index	AMC advisor	28.08.2022
CH0563388104	Hang Seng Hong Kong Index	AMC advisor	13.10.2022
CH0564661236	MSCI World Index	AMC advisor	26.08.2022
CH0575774499	MSCI ACWI Index	AMC advisor	08.01.2023
CH0575774507	MSCI ACWI Index	AMC advisor	08.01.2023
CH0575774515	MSCI ACWI Index	AMC advisor	08.01.2023
CH0575774564	MSCI ACWI Index	AMC advisor	08.01.2023
CH0575774572	MSCI ACWI Index	AMC advisor	08.01.2023

CH0575774580	MSCI ACWI Index	AMC advisor	08.01.2023
CH0575776064	MSCI ACWI Index	AMC advisor	17.11.2022
CH0575776072	MSCI ACWI Index	AMC advisor	17.11.2022
CH0575776080	MSCI ACWI Index	AMC advisor	17.11.2022
CH0575776098	MSCI ACWI Index	AMC advisor	17.11.2022
CH0575776106	MSCI ACWI Index	AMC advisor	17.11.2022
CH0575776114	MSCI ACWI Index	AMC advisor	17.11.2022
CH0575776320	MSCI ACWI Index	AMC advisor	04.12.2022
CH0575776601	MSCI World Index	AMC advisor	01.12.2022
CH0575777278	MSCI World Index	AMC advisor	24.11.2022
CH0575777666	MSCI World Index	AMC advisor	11.12.2022
CH0575777757	MSCI World Index	AMC advisor	18.12.2022
CH0575778185	MSCI World Index	AMC advisor	11.12.2022
CH0575778276	MSCI World Index	AMC advisor	15.12.2022
CH0575778516	MSCI World Index	AMC advisor	11.12.2022
CH0575780470	MSCI ACWI Index	AMC advisor	08.01.2023
CH0575780488	MSCI ACWI Index	AMC advisor	08.01.2023
CH0575780496	MSCI ACWI Index	AMC advisor	08.01.2023
CH0575780579	MSCI ACWI Index	AMC advisor	08.01.2023
CH0575780587	MSCI ACWI Index	AMC advisor	08.01.2023
CH0575780595	MSCI ACWI Index	AMC advisor	08.01.2023
CH0575783292	S&P 500 Index	AMC advisor	02.12.2022
CH0575784910	MSCI World Index	AMC advisor	06.01.2023
CH0575784928	MSCI Europe	AMC advisor	06.01.2023
CH0575784936	UBS ETF MSCI Emerging Markets	AMC advisor	06.01.2023
CH0575785354	MSCI Europe	AMC advisor	11.01.2023
CH0581854442	MSCI World Index	AMC advisor	29.12.2022
DE000US8JQN6	SPI INDEX	AMC advisor	03.12.2022
DE000US8Y0Q4	S&P 500 TR Index	AMC advisor	03.12.2022

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