Historical Prices

Attribute Dictionary

Attribute	Description
FirstFixingPrice FirstFixingDate FirstFixingTime SecondFixingPrice SecondFixingDate SecondFixingTime CloseFixingPrice CloseFixingDate CloseFixingTime	Fixing prices for SIX CHF Repo rates (Swiss Reference Rates). The fixing values are disseminated 3 times during each trading day: 12:00 CET, 16:00 CET and at the market close.
IndexType IndexTypeDesc	A code grouping the indices by the asset class of the components or a major group. Possible values for IndexType are: SH Shares BO Bonds OT Others ST Strategy indices MM Money Market rates/indices
IndexGroup IndexGroupDesc	A mnemonic code and description indicating the "family" or group, if any, to which this index belongs.
IndexSBIRating	A mnemonic code indicating the rating - or range of ratings - assigned to the bonds which are the components of SBI® Ratings indices.
IndexSBIMaturity	A mnemonic code indicating the range of maturities for the bonds which are the components of SBI® Maturity indices.
APENORM AROEPCT ADIVSHR ADIV5YAVG YLD5YAVG AEPSNORM EV_Cur	Selected Reuters ratios: price/earnings ratio; return on equity; dividends per share; dividends, 5-year avg.; dividend yield, 5-year avg.; earnings per share; enterprise value (in millions).
RBSSEconomicSector RBSSEconomicSectorDesc RBSSBusinessSector RBSSBusinessSectorDesc RBSSIndustryGroup RBSSIndustryGroupDesc RBSSIndustry RBSSIndustryDesc	These attributes identify the product with the Reuters Business Sector Schema (RBSS) four-level classification scheme.

SBISector SBISectorDesc	Categorization of bonds used in SBI® rating indices. Possible values for SBISector are: DG SBI Domestic - Swiss Government DN SBI Domestic - Non-Government FG SBI Foreign - Government FC SBI Foreign - Corporate FS SBI Foreign - Supranational

RemainingTermToMaturity	The remaining term to maturity of a bond in years.
Yield	The "yield to worst" of a bond. Equals the yield to maturity for straight bonds while for callable bonds it is the lower of yield to maturity and yield to first call.
Duration	A measure of the average maturity period of the capital invested in a bond, expressed in years.
CompositeRating CompositeRatingOrder	The SWX Composite Rating assigned to a bond in the SBI ratings indices.
LastCouponDate NextCouponDate	The last & next coupon payment dates for a bond.
AssetClassCode AssetClassDesc	The code and description of the asset class upon which an ETF or investment fund is based.
LegalStructureCountryCode LegalStructureCountryDesc	The legal regime appropriate for an ETF or investment fund.
UnderlyingGeographicalCode UnderlyingGeographicalDesc	The code and description of the geographical area of the underlying(s) of an ETF or investment fund.
UnderlyingProviderCode UnderlyingProviderDesc	The code and description of the "provider" of the underlying(s) of an ETF or investment fund e.g. STOXX or SWX if the underlying is an index.
ManagementFee	The management fee of an ETF or investment fund expressed as a percentage of the indicative NAV.
IssuerLongNameCode IssuerLongNameDesc	The code and description of the issuer (long name) of an ETF or investment fund.
FundIndustrySectorCode FundIndustrySectorDesc	The code and description of the industry sector of an ETF or investment fund.
UnderlyingCode UnderlyingDesc	The code and description of the underlying of an ETF or investment fund.
FundLongName	The long name of an ETF or investment fund.
MarketMakers	Delimited list of Market Makers for a fund.

FundReutersTicker FundBloombergTicker	Reuters and Bloomberg ticker symbols for a fund.
ReplicationMethodCode ReplicationMethodDesc	The code and description of the replication method of an ETF or investment fund.
CollateralCode CollateralDesc	The code and description of the collateral deposited for an exchnage traded product.
FundCurrency	FIXME: Get definition from business. tktr4.
ManagementStyleCode ManagementStyleDesc QualifiedInvestorsFlag	The management style of a fund indicates whether the fund's composition is either actively managed or passively tracking an underlying. Actively managed funds may be restricted to qualified investors (term defined by Swiss federal law, Bundesgesetz über die kollektiven Kapitalanlagen).
SpecialitiesCode SpecialitiesDesc	The specialities attribute captures fund features not covered by any other fund attribute.
AcceptOrdersDate	The date on which first orders will be accepted.
AccruedInterestCalcCode AccruedInterestCalcDesc	The unique identifier and the textual description of the algorithm used to calculate the accrued interest amount for a bond as well as the number of days in a year used in the calculation.
AccruedInterestFromDate	The date from which the entitlement to accrued interest on a bond starts (i.e. the earliest date from which accrued interest is calculated). Also known as jouissance.
AdjustmentFactor	Historic prices are adjusted by a correction factor in order to compensate for stock splits or other important capital events. For example, the actual closing price for UBSN on 5 May 2000 was 435. After the 1:2 stock split this price is adjusted to 217.5 to be comparable to later data: **select UBSN** 211 Selected 1 valors. **date 20000508 -1** 210-Selected dates: 20000505 20000508 210 That's all folks. **snap MarketDate ClosingPrice AdjustmentFactor** 250-Tab separated attribute values follow: 20000508 217 1 20000505 217.5 0.5 250 End of data.
AllocatedNumber EntitlesToUnit MinmNeeded NumberNeeded UnitsForEntitlement	EntitlesToUnit and NumberNeeded define the number of underlying instruments and of options/rights in the conversion ratio options to underlyings. EntitlesToUnit underlyings are received for NumberNeeded options. In the case that the derivative is a right, UnitsForEntitlement are the number

CoverRatio	of shares required to receive EntitlesToUnit rights. In the case that the derivative link is part of a composite security, UnitsForEntitlement and AllocatedNumber define the ratio of derivatives per bond or share. MinmNeeded defines the minimum number of options required to be able to actually execute an exercise transaction.
AmountInIssue NumberInIssue AssociatedNumberInIssue	The actual monetary amount or number of shares which has been issued to, and traded on, the market. This number can be affected by security events such as capital restructurings. AssociatedNumberInIssue is the number of shares of the second component of a structured product.
AnnualInterestRate AnnualInterestFraction AnnualPremiumFraction	
AskBookPrice AskBookVolume AskBookNumOrders AskBookNumQuotes AskBookNumPrices AskBookAveragePrice AskBookCumulatedVolume AskBookCumulatedNumOrders AskBookCumulatedNumQuotes AskBookCumulatedNumPrices BidBookPrice BidBookVolume BidBookNumOrders BidBookNumQuotes BidBookNumPrices BidBookAveragePrice BidBookCumulatedVolume BidBookCumulatedNumOrders BidBookCumulatedNumQuotes BidBookCumulatedNumPrices	Orderbook content (price, volume, number of orders / quotes / orders+quotes, average price, cumulated volume, cumulated number of orders / quotes / orders+quotes) up to 10 levels deep, from best to least good. The values are separated by '|'. The different lists for the same side are guaranteed to have the same length. Hidden size orders are indicated by a '>'-sign before the volume values and a '~'-sign before the average price values.
AskPrice AskVolume AskNumOrders AskNumQuotes AskNumPrices AskSpread BidPrice BidVolume BidNumOrders BidNumQuotes BidNumPrices BidSpread MidSpread	Best bid (buy) and ask (sell) prices and volumes. Price values may be the string 'Market' to indicate orders at market prices. Volume values can be preceded by a '>' character indicating the presence of a hidden order. For products traded on the SWX Quotematch platform the number of orders and quotes at this price are also specified. AskSpread = 100 * (AskPrice - BidPrice) / AskPrice BidSpread = 100 * (AskPrice - BidPrice) / BidPrice AskSpread and BidSpread are both empty if either AskPrice or BidPrice is undefined. MidSpread = 200 * (AskPrice - BidPrice) / (AskPrice + BidPrice)
LastAskPrice LastAskTime LastAskVolume LastAskSpread LastBidPrice	Last non-empty best bid (buy) and ask (sell) prices and volumes. Volume values can be preceded by a '>' character indicating the presence of a hidden order. LastAskSpread = 100 * (LastAskPrice - LastBidPrice) / LastAskPrice LastBidSpread = 100 * (LastAskPrice - LastBidPrice) / LastBidPrice

LastBidTime LastBidVolume LastBidSpread LastOrderbookMidPrice LastOrderbookMidDelta LastOrderbookMidDiff LastOrderbookMidDate LastOrderbookMidTime PreviousOrderbookMidPrice	AskSpread and BidSpread are both empty before the first quote of the day. The order book mid price is simply the average of the best bid and ask prices and is used as a market price estimate for heavily quoted products e.g. ETF's.

AssetClass	Main investment instrument of a Not Listed Investment Fund. Possible values are: 1 Money Market 2 Bonds 3 Equities 4 Asset Allocation 5 Real Estate 6 other funds 8 Alternative Investments

AutomaticSettlementFlag	Value '1' indicates that the automatic clearing and settlement of trades are supported.

BarrierBasisTypeCode BarrierTypeCode BarrierLevel PaybackCurrencyCode PaybackValue	These attributes characterise the barrier levels which have an impact on the payoff of a derivative product. In the case of derivatives with more than one barrier the values are separated by '|'. Possible values for BarrierBasisTypeCode are: 1 Underlying 99 Other Possible values for BarrierTypeCode are: 2 Knock-in Down and in-call 3 Knock-in Up and in-call 4 Knock-in Down and in-put 5 Knock-in Up and in-put 6 Knock-out Down and out-call 7 Knock-out Up and out-call 8 Knock-out Down and out-put 9 Knock-out Up and out-put 10 Stop-loss 11 Lock-in 12 Lock-out 99 Other, as specified in FurtherConditionsText

BasketMemberships	BasketMemberships is a '|'-separated list of the indices defined by the

BasketMembershipsOrder	baskets command. Each entry is preceeded by a plus-sign, if the selected valor is a component of that index, or by a minus-sign otherwise. BasketMembershipsOrder is the numeric index (1-based) of the right-most plus-signed name in the list of indices, or zero if the valor is not a component of any of the selected baskets.
CalculationMethod	Code defining the meaning of quoted prices. Possible values are: 00 per unit 10 per unit for not fully-paid securities 01 in percent 11 in percent for not fully-paid securities
CCPEligibleFlag	Flag if security is eligble for settlement via the central counterparty.
Certificates FundVolume	Certificates is the number of outstanding share of a fund. This number can vary each day, depending on the number of creations (purchases) and redemptions (salfes). The quantity `FundVolume = Certificates * OfficialNetAssetValue` represents the value of the assets under the fund's management.
ClosingNetAssetValue	Last NAV during a given trading date. While the market is open, ClosingNetAssetValue returns the same value as NetAssetValue.
ContractConditions	Textual description of conditions relating to the exercising which cannot be specified by other attributes.
ContractSize ContractRatio	ContractSize is the Number of underlyings to be delivered per option contract or ticks per future contract. The quantity `ContractRatio = 1 / ContractSize` is the number of warrants required per underlying.
ContractType	Type of Eurex contract. Possible values are: C Call option P Put option F Future B Chooser; when these types of warrants are issued, it is not yet defined whether it will be a call or a put; later in its life time, this will be determined. S Spread O other
CouponAmount CouponAmountYearly CouponRate	The coupon rate at issue of a bond as mentioned in the ShortName.

DailyHighPrice DailyLowPrice DailyHighTime DailyLowTime	Daily high/low prices and times.
DeliveryTypeCode	The type of delivery of the underlying instrument. Possible values are: 1 Title 2 Cash 3 Holder's choice 4 Issuer's choice
DerivativeLinkTypeCode DerivativeLinkTypeDesc	The unique identifier and the textual description of the relationship of the derivative data to the security. Possible values for DerivativeLinkType are: 1 Right 2 Convertible 3 Warrant 4 Basket option 5 Alternative option
DerivativeTypeCode DerivativeSubtypeCode	Derivative categorisation used within SWX Swiss Exchange (deprecated). Possible values for DerivativeTypeCode are: CPT Capital protection product CTC Certificate MYT Maximum yield product WTC Warrant Possible values for DerivativeSubtypeCode are: CAP Capital protection product, with limited profit potential UNLIMITED Capital protection product, with unlimited profit potential DYNAMIC Certificate, dynamic OPEN_END Certificate, open-end STATIC Certificate, static DISCOUNT Maximum yield product, discount

	OUTPERFORMER	Maximum yield product, outperformance
	REV_CONVERTIBLE	Maximum yield product, reverse convertible
	CALL	Warrant, call
	CONDOR	Warrant, condor
	OTHER	Warrant, other
	PUT	Warrant, put
	SPREAD	Warrant, spread

DerivativeSecTypeCode SVSPSecTypeCode SVSPSecTypeDesc SVSPCategoryCode SVSPCategoryDesc	Derivative categorisation used within SWX Swiss Exchange and SVSP. Possible values for DerivativeSecTypeCode are: WJ Warrant WM Spread warrant WK Knock-out warrant WL Mini future WZ Other leverage product YA Capital protection without cap YB Capital protection with cap YZ Other capital protection product XA Discount certificate XB Barrier discount certificate XC Reverse convertible XD Barrier reverse convertible XH Barrier range reverse convertible XE Capped outperformance certificate XF Express certificate XG Step certificate XZ Other yield optimisation product ZA Tracker certificate ZB Bonus certificate ZC Outperformance certificate ZE Airbag certificate ZD Twin-win certificate ZZ Other participation product Possible values for SVSPSecTypeCode are:

	110 Warrant 115 Spread warrant 120 Knock-out warrant 130 Mini future 199 Other leverage product 410 Capital protection without cap 450 Capital protection with cap 499 Other capital protection product 310 Discount certificate 320 Barrier discount certificate 330 Reverse convertible 340 Barrier reverse convertible 345 Barrier range reverse convertible 350 Capped outperformance certificate 360 Express certificate 370 Step certificate 399 Other yield optimisation product 210 Tracker certificate 220 Bonus certificate 230 Outperformance certificate 240 Airbag certificate 250 Twin-win certificate 299 Other participation product
DistributionPolicy	Not Listed Investment Fund distribution policy. Possible values are: A Distribution B Accumulation
DividendEntitlementFlag	Value '1' indicates that the valor attracts dividend payments.
DividendFrequencyCode	Frequency with which dividend payments are made. The codes are the same as for the InterestFrequency.
DividendPayments	List of date, amount, currency for the most recent dividend payments. The values are separated by '|'. The date may be undefined, if only the dividend amount has been announced yet. See also ExDividendDate.
Divisor	Used in Laspeyres formula to normalise the index and to assure its continuity in the case of capital events. The quantity `1 / Divisor` is commonly referred to as Capital Factor.
EarliestExerciseDate LatestExerciseDate	First date and latest date/time to exercise an option.
Exchange Market	The unique identifier of an exchange or a market. It is normally conformant with ISO 10383, e.g. "XSWX", "XFRA", "XHEL", "XETR". Markets are a

	sub-structure of exchanges.
ExchangeCode	Code identifying the origin of the data. Possible values are: 1 virt-x 4 SWX Swiss Exchange 5 Eurex options and futures 6 Berne Stock Exchange 7 Not Listed Investment Funds 8 STOXX indices 9 Swiss indices etc. C Chicago Board of Trade CBOT F Frankfurter Wertpapierbörse FWB H Helsinki Exchanges X XETRA (Deutsche Börse)
ExchangeSymbol	The concatenation of ValorSymbol:ExchangeCode.
ExDividendDate ExDividendType	The date and type of the most recent ex-dividend event which may not necesssarily be identical with any one of the dividend payments descibed in DividendPayments. Possible values for ExDividendType are: C Cash dividend S Stock dividend A A Conto (partial) dividend O Other dividend (e.g. choice between dividend and warrant)
ExerciseCurrencyCode	The currency applicable to the exercise transaction.
ExerciseLimit KnockOutFlag	Upper or lower threshold for a cash settlement, expressed in exercise currency. A value of '1' for the KnockOutFlag indicates, that if the ExerciseLimit is reached, the option exercises automatically.
ExercisePrice ExercisePricePerUnitFlag ExercisePriceSpread	The price at which an option can be exercised. It can be expressed either as a total price for the exercise transaction ('0'), or as a price per unit of the underlying ('1').
ExpirationTime	The time when an option expires.
ExRightDate	For rights, this defines the date when the underlying instrument goes ex-right.
FinalSettlementValue FinalSettlementDate FinalSettlementTime	Price, date and time of the final settlement values of STOXX & SIX Swiss Exchange indices.
FirstDate	The first date in the time series of this valor or any dependent valors.

FirstTradingDate LastTradingDate	The first and last trading dates.
FirstInterestPaymentDate	First payment date of a derivative which has an interest component e.g. structured product bond.
FixingDate	
FixedExerciseExchangeRate	Defines a fixed exchange rate for foreign securities for the currency conversions associated with the exercise transaction.
FlatCode	Value 'F' indicates that the price for a bond does not include the accrued interest.
FlatFlag	If '1' the bond is traded flat and accrued interest is not included in the calculation of the settlement amount for a trade.
ForeignCurrencyInterestFlag ForeignInterestCurrencyCode	If '1' the bond's coupons are paid in the indicated foreign currency.
FreeFloatShares FreeFloatFraction CappingFactor	The number of shares freely available for trading and its ratio to the total number of shares. The capping factor is a further factor to reduce the relevant number of shares in capped indices.
FurtherConditionsText FurtherConditionsFlag	Textual description of conditions relating to the exercising which cannot be specified by other attributes. A value of '0' for the FurtherConditionsFlag indicates that these are for information only.
GeographicalAreaCode GeographicalAreaDesc	The unique identifier and the language-dependent translation for a geographical area.
GroupCode	Classification of a security (see also SecurityType). Possible values are: 1 Trading Status 3 Indices 5 Total Trade Volumes 6 Euro Interest Rates 7 Official Exchange Rates 20 Derivatives 30 Shares 31 Domestic Shares 32 Foreign Shares 40 Baskets 51 Domestic Bonds 52 Foreign Bonds 54 Eurobonds in USD (obsolete) 55 Eurobonds in EUR (obsolete)

	56 Eurobonds in GBP (obsolete) 57 Eurobonds in JPY (obsolete) 59 Eurobonds 67 Eurex Options 68 Eurex Options on Futures 69 Eurex Futures 80 Exchange-traded Funds 81 Exchange-traded Funds 82 Foreign Exchange Cross Rates
GuaranteeTypeCode GuaranteeTypeDesc	The unique identifier and textual description for a guarantee type.
HasBasket	The HasBasket flags whether an index has a known basket associated with it ('1') or not ('0').
HolidayCalendar	Symbolic name for the holiday calendar the valor is subject to.
ICBIndustry ICBIndustryDesc ICBSupersector ICBSupersectorDesc	ICB classification attributes for industry and supersector.
IndexCalculationMethod IndexCalculationMethodDesc	The type of an index (code and description) as determined by the way it is calculated and how dividends are treated (price or total return) or on the value used in the index calculation (yield or duration). Possible values for IndexCalculationMethod are: P Price index, not adjusted for dividends T Total return (performance) index, adjusted for dividends Y Yield index, only available for bond indices D Duration index, only available for bond indices
IndicativePriceMinimum IndPrcMinCurrency IndPrcMinDate IndPrcMinText	Indicative price minimum, its currency and date as well as a textual comment of a Not Listed Investment Fund.
IndustrySectorCode IndustrySectorDesc	The unique identifier and the textual description of an industry sector.
InstrumentTypeCode	The instrument type code of a security. Possible values are: BO Bond DE Derivative SH Share
InterestComponentFlag	The FlagsInterestComponentFlag indicates whether ('1') or not ('0') a

InterestCalculation InterestFrequencyIndicator InterestFraction	structured product has an interest component. The InterestCalculation is a code indicating the interest calculation method.

InterestFrequencyCode	Frequency of how often interest payments take place during a bond's lifetime. Possible values are:

1	Once a year, i.e. every 12 months
2	Twice a year, i.e. every 6 months
3	3 times a year, i.e. every 4 months
4	4 times a year, i.e. every 3 months
5	5 times a year, i.e. every 72 days
6	6 times a year, i.e. every 60 days
7	7 times a year, i.e. every 51 days
8	8 times a year, i.e. every 45 days
9	9 times a year, i.e. every 40 days
A	10 times a year, i.e. every 36 days
B	11 times a year, i.e. every 33 days
C	12 times a year, i.e. every 30 days
D	Every 2nd year
E	Every 3rd year
F	Every 4th year
G	Every 5th year
H	Every 6th year
I	Every 7th year
J	Every 8th year
K	Every 9th year
L	Every 10th year
M	Every 11th year
N	Every 12th year
O	Every 13th year
P	Every 14th year
Q	Every 15th year
X	Anytime
Y	Irregular recurrence
Z	No recurrence

InterestRate InterestFrequency	Interest rate for bonds and frequency of how often interest payments take place during the bond's lifetime. The InterestRate value can be "0" since there are bonds with an interest rate of 0%. The value is empty if a new bond is traded before the payment date is reached.

InvestmentVehicleType	Collective investment vehicle of a Not Listed Investment Fund. Possible values are:

1	Investment Fund

	2 Investment Foundation 3 other
ISIN	12-character international security identifier, conformant to ISO 6166.
IssueCondition	Conditions applied for the subscription/issue of units/shares of a Not Listed Investment Fund. Possible values are: 1 NAV 2 NAV plus sales commission 3 NAV plus buying fee 4 Combination of 2 and 3 5 others
IssueCurrencyCode	Issue currency code, conformant with ISO standard 4217.
IssuePrice RedemptionPrice InterimProfit	Issue and redemption price as well as interim profit of a Not Listed Investment Fund.
IssuerCode IssuerNameShort IssuerNameFull	Abbreviation, short and long textual name of the issuer.
IssueYear	The year in which a bond is issued.
LastPrice LastDate LastTime LastVolume	Price, date, time, and volume of last trade.
ListingMemberOrgAbbrev	Abbreviation of the bank responsible for the valor while it is listed.
BondListedFlag BondDutyToReportFlag	A value of '1' for BondListedFlag indicates that the bond is listed with SIX Swiss Exchange. BondDutyToReportFlag indicates that the bond is subject to reporting obligations. That means currently that it is either listed or has a provisional listing.
ListingTypeCode ListingTypeDesc	The unique identifier and the textual description of the listing type and thereby the rules & regulations governing the listing and trading of the valor. Possible values for ListingTypeIndicator are: 1 Primary listing 2 Secondary listing 3 Provisional listing 4 Not listed 5 other

ListingSegment ListingSegmentDesc	The unique identifier and textual description of the segment under which the valor is listed.
TotalMarketCap TotalMarketCapCHF FreeFloatMarketCap FreeFloatMarketCapCHF IndexMarketCap IndexMarketCapCHF IndexComponentWeight	TotalMarketCap = ClosingPrice * TotalShares FreeFloatMarketCap = ClosingPrice * FreeFloatShares * CappingFactor IndexMarketCap is the sum over all index component of TotalMarketCap or FreeFloatMarketCap, depending on IndexCalculationMethod. IndexComponentWeight is the weight of the component in the index.
MarketDate MarketTime	Date and time for the market information. The market date changes around 6am of a trading day. The market time is the time stamp of the last received feed message delayed by 15 minutes. Therefore the market time can be much more than 15 minutes behind wall clock time when the market is closed.
MarketDelay	Nominal delay of the market information (in seconds).
MarketState	"Open" if the OrderbookState for any of the selected valors corresponds currently to "Open for trading" or "Stop trading". "Closed" otherwise.
MaturityDate EarliestRedemptionDate PaymentDate	Maturity and earliest redemption date for bonds. Date from which interest starts to be accumulated.
MaturityDateAlt	MaturityDateAlt may be specified for derivatives with a bond component.
MaxInterestRate MinInterestRate	The maximum and minimum interest rate of a bond with a variable interest rate, fixed at the time of issue.
NetAssetValue NetAssetDate NetAssetTime	Value, date and time of the last NAV of a fund. Generally calculated in real-time, by the provider of the market data feed (cf. OfficialNetAssetValue).
NominalCurrency TradingCurrency TradingBaseCurrency TurnoverCurrency	Nominal, trading and turnover currency codes, conformant to ISO standard 4217. TradingCurrency expresses the price unit, i.e. PCT for bonds, while TradingBaseCurrency expresses the currency for trade values (price times volume). The TurnoverCurrency, e.g., GBP, may differ from the TradingBaseCurrency, e.g., GPX.
NominalValue	The face value of an equity valor.
NSIN	National security identifier, obtained from the ISIN by removing the country code, any leading zeroes, and the check digit at the end. For Swiss ISINs this corresponds to the ValorNo. For other countries the NSIN may contain not just digits.
OfficialNetAssetValue OfficialNetAssetDate OfficialNetAssetTime	The value calculated by taking the market value of all securities owned plus all other assets such as cash, subtracting all liabilities, and then dividing the resulting FundVolumne by the total number of shares outstanding (Certificates). This value and its date and time is generally provided once per day by the fund company.

OnMarketTrades
OnMarketVolume
OnMarketTurnover
OnMarketTurnoverCHF
OffBookTrades
OffBookVolume
OffBookTurnover
OffBookTurnoverCHF
OffExchangeTrades
OffExchangeVolume
OffExchangeTurnover
OffExchangeTurnoverCHF
TotalTrades
TotalVolume
TotalTurnover
TotalTurnoverCHF
	Cumulated on-market, off-exchange, and total number of trades, volumes and turnover.
	Trades are an approximate count of the number of trades during the current day. Due to netting and reversal the actual number of trades may be different.
	Volumes are in number of pieces for shares and derivatives and in nominal currency units for bonds. Turnovers are in units of the TurnoverCurrency.
	The following relations hold:
	
	`OffExchange = OffBook + SwissAtMid`
	`Total = OnMarket + OffExchange`
	
	OnMarket and OffExchange values are already corrected for reversals reported the same day.

OnMarketVolumeDelta OnMarketTurnoverDelta OffExchangeVolumeDelta OffExchangeTurnoverDelta OffBookVolumeDelta OffBookTurnoverDelta SwissAtMidVolumeDelta SwissAtMidTurnoverDelta TotalVolumeDelta TotalTurnoverDelta ReportDate TradeDate	Adjustments of trading statistics for a given TradeDate. This data is based on off-exchange trades reported for that TradeDate on a later ReportDate. To calculate the correct trading statistics for a given TradeDate, the original values and the corrections for all ReportDates have to be arithmetically added.
OpeningPrice ClosingPrice	First and last paid price during a given trading date. While the market is open, ClosingPrice returns the same value as LastPrice.
OptionStyleCode OptionStyleDesc	With an American style option the option can be exercised at any point up to the expiration date while a European style option can be exercised only on the expiration date.
OptionTypeCode OptionTypeDesc	The unique identifier and the textual description of the option type.
OrderbookState	Code indicating whether the security is trading. Possible values are: -1 Open For Trading 0 Instrument Not Trading 1 Preopening 2 Break 3 Suspended 4 Non-Opening 5 Stop Trading 6 Underlying Not Trading

	7	Security Not Yet Trading
	8	Between Auctions
	9	Security Delisted
	10	New Security
	11	In Recovery
	12	After Recovery
	13	Post Trading

Peculiarities	NAV calculation time and/or possible restrictions on issue/redemption of units/shares of a fund. Up to three codes may be contained in this atttribute, in any sequence. Possible values are: A weekly B monthly C quarterly D no regular issues and redemptions E previous day price F former price evaluation G issue stopped H issue and redemption stopped I price indication X distribution of income and/or capital gains

Performance PerformanceWeek	Change of today's NetAssetValue of a fund with respect to the previous year's and previous week's closing NAV.

PortalSegment	The market segmentation used for the "SWX for investors" portal. Possible values are: EQ Equities BO Bonds FU Funds OT Others

PotentialOpeningPrice PotentialOpeningVolume	Potential or theoretical opening price and volume whilst the market is still closed.

PremiumFraction	

PreviousClosingPrice ClosingDiff ClosingDelta LastDiff LastDelta	Closing price of the preceding trading day. ClosingDiff = ClosingPrice - PreviousClosingPrice ClosingDelta = 100 * (ClosingPrice - PreviousClosingPrice) / PreviousClosingPrice ClosingDiff and ClosingDelta are zero before the first trade of the day. LastDiff = LastPrice - PreviousClosingPrice LastDelta = 100 * (LastPrice - PreviousClosingPrice) / PreviousClosingPrice LastDiff and LastDelta are empty before the first trade of the day.

PreviousDate	Date of the preceding trading day.
PreviousMonthPrice PreviousMonthDate PreviousPreviousMonthPrice PreviousPreviousMonthDate	Closing price and date of the last trading day in the preceding month and the month before that.
PreviousYearPrice PreviousYearDate PreviousPreviousYearPrice PreviousPreviousYearDate	Closing price and date of the last trading day in the preceding year and the year before that.
PriceStepGroupCode PriceStepGroupDesc	The unique identifier and the textual description of a price step group.
PriceSteps PriceDigits	PriceSteps is the list of minimum price and price step amounts. The first minimum price is implicitly always zero. For example, "0.01|10|0.05" describes a price steps as 0.00 / 0.01 / 9.99 / 10.00 / 10.05. PriceDigits is a condensed form of PriceSteps containing the number of decimal places needed. For example, "4|10|3|100|2" describes a formatting as 0.0000 / 9.9999 / 10.000 / 99.999 / 100.00.
ProductBrand	Product brand for a derivative series of a given issuer.
ProductISIN	The ISIN of the product a security belongs to.
ProductLine ProductLineDesc	Eurex and SWX/virt-x product line. Possible values for ProductLine are: O Option F Future DS Swiss Share FS Foreign Share ET Exchange Traded Fund DB Swiss Bond FB Foreign Bond EB International Bond (ex Eurobond) DE Derivative WA Warrant SP Structured Product (obsolete) S1 Structured Product with Interest Component S2 Structured Product without Interest Component SF Structured Fund IF Investment Fund SE Swiss Equity PE Paneuropean Equity VE Exchange Traded Fund
Promoter	Promoter of a Not Listed Investment Fund.

RedemptionCondition	Conditions applied for the redemption of units/shares of a Not Listed Investment Fund. Possible values are: 1 NAV 2 NAV minus redemption condition 3 NAV minus selling fee 4 Combination of 2 and 3 5 others
RedemptionNoticePeriod	The number of days which the issuer of a bond contracts to give as notice for premature redemption(s). This is supplied when the bond is first issued.
MarketSegment MarketSegmentFromDate	Market segment, and thereby the jurisdiction, to which the security is allocated, and the date from which onwards this allocation applies. Possible values for MarketSegment are: EURM EU regulated market UKERM UK exchange regulated market
BloombergLocalSymbol BloombergVtxSymbol	Bloomberg symbols for the security on its primary exchange and on virt-x.
ReutersLocalRIC ReutersVtxRIC	Reuters Instrument Codes for the security on its primary exchange and on virt-x.
Band	For securities traded on virt-x the band defines different sets of regulations for delayed trade reporting and delayed publication of off order-book trades.
RelevantShares	The number of shares used in the index calculation.
ReportingParamCode ReportingParamDesc	The unique identifier and textual description of the trade reporting regime of a given security.
SecId SecCode	Unique numeric value to identify a security, allocated by the SWX trading platform.
SecTypeCode SecTypeDesc	The unique identifier and the textual description of a Security Type (cf. SecurityType).
SecurityId SerialNumber	Unique string and numeric values to identify a security in FQS.
SecurityType	Code for security types (see also GroupCode). Possible values are: BS Bearer Share

	EF	Exchange-traded Funds
	GC	Gratification Certificate
	PC	Participation Certificate
	RS	Registered Share
	UT	Unit Trust
	OT	Others
	AS	Asset Backed Security
	BE	Bond ex Warrant
	BN	Bond Linked Note
	BO	Bond
	BW	Bond with Warrant
	CB	Convertible Bond
	CN	Credit Linked Note
	DB	Dual Currency Bond
	DC	Dual Currency Convertible Bond
	FI	Foreign Dual Currency Convertible Bond
	FL	Floating Rate Bond
	CW	Covered Warrant
	DR	Warrant on Commodity
	KI	Knock-In Warrant
	KO	Knock-Out Warrant
	OW	Other Warrant
	RI	Right
	SB	Structured Product Bond
	SC	Structured Product Certificate
	SO	Structured Product Commodity
	SP	Structured Product Warrant
	SW	Shareholder's Warrant
	WB	Warrant of Bond
	WC	Warrant on Currency
	WI	Warrant on Interest Rate

ServiceName	The unique identifier of the service which provides the data: e.g. "fqsdata", "exqsdata".

SettlementAmountFactor SettlementCycleDays	The multiplicative factor used in the determination of the settlement amount of a trade and the default number of days after trading on which a trade is normally settled.

ShareCountType

The type of capital used in the index calculation.

Possible values are:

T	Total number of shares, i.e. the TotalShares are relevant
F	Free-float portion, i.e. the FreeFloat is relevant

ShortFundName UnitName	Short name of the Not Listed Investment Fund (max. 60 characters). Name of a unit/share of a Not Listed Investment Fund (max. 80 characters).

ShortName	Short name (max. 30 characters) of the security. Security names are the German or English version.
ShortNameAlt SecDescriptionFull SecDescriptionFullAlt	Alternative short name (max. 30 characters) and full names (max. 60 characters) of the security. Security names are the German or English version. The alternative names may be in another language or the set of another vendor.
ShortPositionFlag	A value of '1' indicates, that the option implies an obligation to receive / deliver rather than an entitlement.
SmallestDenomination SmallestDenominationAlt SmallestTradeableUnit	Defines the step size, in which the order quantity can be incremented.
MinOrderQty	Minimum quantity of an order to be executed.
StopTradingRange StopTradingRangeType StopTradingRangeUnit StopTradingDuration	The limit value of the difference between the reference price and a potential trade price which will cause a stop trading, the standard duration of a stop trading and the minimum number of minutes of trading after a stop trading before trading ceases for the day. The StopTradingRangeType implies the StopTradingRangeUnit for the StopTradingRange. Possible values for StopTradingRangeType are: 1 percentage from the last paid price 2 number of price steps 3 absolute amount 4 no stop trading
StrikePrice	Strike (or exercise) price of an option or futures contract. StrikePrice is the actual strike price which may change due to capital adjustments of the underlying instrument.
StrikePriceCurrency	Strike price currency code, conformant to ISO standard 4217.
SubscriptionPaymentDueDate	The date upon which the payments from subscribers to a new issue are due. This is relevant to the calculation of accrued interest because this date is the earliest possible value date for the bond. Any trades which are agreed before this date will have a value date equal to or later than the SubscriptionPaymentDueDate. Also known as Liberierung.
SwissAtMidTrades SwissAtMidVolume SwissAtMidTurnover SwissAtMidTurnoverCHF	Cumulated number of trades, volumes and turnover in the Swiss At Mid dark pool. Trades are an approximate count of the number of trades during the current day. Due to netting and reversal the actual number of trades may be different. Volumes are in number of pieces for shares and derivatives and in nominal currency units for bonds. Turnovers are in units of the TurnoverCurrency. The dark pool volumes are already included in OffExchangeVolume etc.
TermFromDate	

TermToDate	

TitleSegment TitleSegmentDesc	A coarse-grained categorization currently only used for equities. Possible values for TitleSegment are: SA Schweizer Aktien AA Ausländische Aktien SP Sponsored Segment

Tminus1Volume Tminus1Turnover Tminus1toNVolume Tminus1toNTurnover Tminus2toNVolume Tminus2toNTurnover	Volumes and turnover reported for the preceding trading date (T-1) alone, culmulated for all trading dates, and cumulated for T-2 and before, respectively. Volumes are in number of pieces for shares and derivatives and in nominal currency units for bonds. Turnovers are in units of the TurnoverCurrency. The values may be negative due to reversals of mistrades. The Tminus2toN values are seldom non-zero. The following relations hold: `Tminus1toN = Tminus1 + Tminus2toN` In the SWX bond market it is customary to delay publication of trade reports until the next day. There T-1 volumes often exceed the OffExchangeVolume for the current trading.

TotalExpenseRatio TotalExpenseRatioExcl TotalExpenseRatioDate TotalExpenseRatioDescription TotalExpenseRatioPortfolio	Total Expense Ratios including and excluding the performance fee and their calculation date for a Not Listed Investment Fund. The TotalExpenseRatioDescription (max. 80 characters) describes fee changes. IncreaseOfFee is an obsolete alias for TotalExpenseRatioDescription.

TotalShares	The theoretical number of issued and outstanding shares, i.e. the total amount of equities, reduced by the reserve, that has been fully subscribed and wholly or partially paid-in, and documented in the Commercial Register.

TradingPlatform	The TradingPlatform attribute indicates the electronic trading platform on which trades for the valor can be matched. Possible values are: Q Quotematch platform S SWX platform V virt-x platform

TradingState	The TradingState attribute indicates if a valor can be traded on the current date. A selection of **TradingState=T** effectively suppresses all valors which are not yet or no longer tradable. Possible values are: N FirstTradingDate and AcceptOrdersDate are in the future A AcceptOrdersDate is in the past, but FirstTradingDate is still in the future D LastTradingDate is in the past

	T otherwise
UnderlyingDescription UnderlyingISIN	Textual description for the underlying instrument of an option or future contract. The ISIN of the underlying instrument.
UnderlyingExchange UnderlyingMarket UnderlyingMarketCode	The Exchange and Market of the underlying instrument of a derivative.
UnderlyingExchangeCode	The ExchangeCode of a market where the underlying instrument is traded.
ValorNumber ValorSymbol	Swiss valor number and symbol (German or English version).
ValorSymbolAlt	Alternative valor symbol, i.e. in another language or from the set of another vendor.
WarrantSpecialClause	Special conditions on warrants traded on SWX Swiss Exchange. Possible values are: WSC_NULL No special conditions WSC_KNOCK_OUT Warrant with automatic expiry ("knock-out")
Year1986Price Year1986Date Year1991Price Year1991Date	Price and date of the last trading day in 1986 and 1991.
YearAgoPrice YearAgoDate YearAgoDiff YearAgoDelta	PreviousClosingPrice and PreviousDate of the day a year ago. YearAgoDiff = ClosingPrice - YearAgoPrice; YearAgoDelta = 100 * (ClosingPrice - YearAgoPrice) / YearAgoPrice
YearlyHighPrice YearlyHighDate YearlyLowPrice YearlyLowDate	Yearly high/low prices and dates during the last 365 calendar days.
YearThreeAgoPrice YearThreeAgoDate YearThreeAgoDiff YearThreeAgoDelta	PreviousClosingPrice and PreviousDate of the day three years ago. YearThreeAgoDiff = ClosingPrice - YearThreeAgoPrice; YearThreeAgoDelta = 100 * (ClosingPrice - YearThreeAgoPrice) / YearThreeAgoPrice
WeekAgoPrice WeekAgoDate WeekAgoDiff WeekAgoDelta	PreviousClosingPrice and PreviousDate of the day one week ago. WeekAgoDiff = ClosingPrice - WeekAgoPrice; WeekAgoDelta = 100 * (ClosingPrice - WeekAgoPrice) / WeekAgoPrice

MonthAgoPrice MonthAgoDate MonthAgoDiff MonthAgoDelta	PreviousClosingPrice and PreviousDate of the day one month ago. MonthAgoDiff = ClosingPrice - MonthAgoPrice; MonthAgoDelta = 100 * (ClosingPrice - MonthAgoPrice) / MonthAgoPrice
MonthThreeAgoPrice MonthThreeAgoDate MonthThreeAgoDiff MonthThreeAgoDelta	PreviousClosingPrice and PreviousDate of the day three months ago. MonthThreeAgoDiff = ClosingPrice - MonthThreeAgoPrice; MonthThreeAgoDelta = 100 * (ClosingPrice - MonthThreeAgoPrice) / MonthThreeAgoPrice
MonthSixAgoPrice MonthSixAgoDate MonthSixAgoDiff MonthSixAgoDelta	PreviousClosingPrice and PreviousDate of the day six months ago. MonthSixAgoDiff = ClosingPrice - MonthSixAgoPrice; MonthSixAgoDelta = 100 * (ClosingPrice - MonthSixAgoPrice) / MonthSixAgoPrice