

Betfair Historical Data Feed Specification

The Betfair Historical Data service provides time stamped Betfair Exchange data for purchase. The data is available from May 2015. Australian/New Zealand market data is available from October 2016 only.

The Betfair Historical Data files are provided as tar.bz2 files and in json format and can be opened using zip utility such as [WinZip/7zip](#). Please see the [FAQ's](#) for further information regarding viewing & interpreting these files.

The BASIC, ADVANCED and PRO pricing plans differ in terms of both the data frequency and content.

The following data is returned by all pricing plans and any additional data that's specific to a data package is detailed in the second data table.

Data Returned - All Pricing Plans

Abbreviation	Description	Type
op	Operation type	string
mcm	MarketChangeMessage - Carries the initial image and updates to markets a new mcm is sent for every market update	
clk	Sequence token - *can be disregarded as part of this data set*	string
pt	Published Time (in millis since epoch)	integer
mc	Market change - Changes to market prices, runners or market definition	
img	Image. Replace existing prices / data with the data supplied: it is not a delta (or null if delta). *can be disregarded as part of this data set*	boolean
id	marketId Unique identifier for the market	string
marketDefinition	marketDefinition - Fields containing details of the market - new market definition is published if any of these field change	
Venue	The venue - applies to horse racing and greyhound markets only	string
bspMarket	If 'true' the market supports Betfair SP betting	boolean
turnInPlayEnabled	If 'true' the market is set to turn in-play	boolean
persistenceEnabled	If 'true' the market supports 'Keep' bets if the market is to be turned in-play	boolean
marketBaseRate	The commission rate applicable to the market	double
eventId	The unique id for the event	string
eventTypeId	The unique eventTypeId that the event belongs to	string
numberOfWinners	The number of winners on a market	integer
bettingType	The market betting type i.e. ODDS,ASIAN_HANDICAP_DOUBLE_LINE, ASIAN_HANDICAP_SINGLE_LINE	string
marketType	Market base type	string
marketTime	The market start time	string
suspendTime	The market suspend time	string
bspReconciled	True if the market starting price has been reconciled	boolean
complete	If false, runners may be added to the maket	
inPlay	True if the market is currently in play	boolean

crossMatching	True if cross matching is enabled for this market.	boolean
runnersVoidable	True if runners in the market can be voided	boolean
numberOfActiveRunners	The number of runners that are currently active. An active runner is a selection available for betting	integer
betDelay	The number of seconds an order is held until it is submitted into the market. Orders are usually delayed when the market is in-play	boolean
status	The status of the market, for example OPEN, SUSPENDED, CLOSED (settled), etc.	string
regulators	The market regulators	string
discountAllowed	Indicate whether or not the users discount rate is taken into account on this market	boolean
timezone	This is the timezone in which the event is taking place	string
openDate	The scheduled start date and time of the event. This is GMT by default	date
version	A non-monotonically increasing number indicating market changes	integer
name	The name of the market	string
eventName	The name of the event	string
RunnerDefinition	Details of the selection in the betting market	
status	The status of the selection (i.e., ACTIVE, REMOVED, WINNER, PLACED, LOSER, HIDDEN)	string
sortPriority	The sort priority of this runner	string
bsp	The Betfair Starting Price of this runner	double
removalDate	Date and time the runner was removed	string
id	The selctionId of the runner	string
name	The name of the runner	integer
hc	handicap - The handicap of the runner	double
adjustmentFactor	The adjustment factor applied if the selection is removed	double

Data Fields Available by Pricing Plan

The below table indicates the fields that are specific to each data package.

Abbreviation	Description	Type	BASIC	ADV	PRO
mc	Market change - Changes to market prices, runners or market definition				
tv	Traded Volume - The total amount matched across the market. This value is truncated at 2dp (or null if un-changed)	double	N/A	Y	Y
rc	Runner Change - a list of changes to runners		N/A	Y	Y
tv	Traded Volume - The total amount matched on the runner	double	N/A	Y	N
ltp	Last Traded Price - the last price the runner traded at.	double	Y	Y	Y
batb	Best Available To Back - LevelPriceVol triple delta of price changes, keyed by level (0 vol is remove).	double	N/A	Y	N
spb	Starting Price Back - PriceVol tuple delta of price changes (0 vol is remove)	double	N/A	N/A	Y
batl	Best Available to Lay - LevelPriceVol triple delta of price changes, keyed by level (0 vol is remove)	double	N/A	Y	N
trd	Traded PriceVol tuple delta of price changes (0 vol is remove)	double	N/A	Y	Y
spf	Starting Price Far - The far starting price (or null if un-changed)	double	N/A	N/A	Y
atb	Available to Back - PriceVol tuple delta of price changes (0 vol is remove) – All ladder levels	double	N/A	N/A	Y
spl	Starting price Lay - PriceVol tuple delta of price changes (0 vol is remove)	double	N/A	N/A	Y
spn	Starting price Near - The near starting price (or null if un-changed)	double	N/A	N/A	Y
atl	Available to Lay - PriceVol tuple delta of price changes (0 vol is remove) – All ladder levels	double	N/A	N/A	Y

Equivalent Exchange Stream API Subscriptions Per Package

The below table indicate the Exchange Stream API subscription criteria that's used for each of the PRO/ADVANCED/BASIC historical data packages.

File Type	Data	Frequency	Data Field Subscription
PRO	All changes as per API stream format	Tick by tick	EX_ALL_OFFERS: <u>ATB</u> - "Available To Back"; <u>ATL</u> - "Available To Lay" EX_TRADED_VOL: TV - "The total amount matched" EX_TRADED: <u>TRD</u> - "Traded" EX_LTP: <u>LTP</u> - "Last Traded Price" EX_MARKET_DEF: <u>marketDefinition</u> SP_TRADED: <u>SPB</u> - "Starting Price Back"; <u>SPL</u> - "Starting Price Lay" SP_PROJECTED: <u>SPN</u> - "Starting Price Near"; <u>SPF</u> - "Starting Price Far"
ADVANCED	All changes as per API stream format rolled up by frequency	1 second intervals	EX_BEST_OFFERS: <u>BATB</u> - "Best Available To Back"; <u>BATL</u> - "Best Available To Lay " EX_TRADED_VOL: TV - "The total amount matched" EX_TRADED: <u>TRD</u> - "Traded" EX_LTP: <u>LTP</u> - "Last Traded Price" EX_MARKET_DEF: <u>marketDefinition</u>
BASIC	Traded price updates by selection by frequency and market definition changes	1 minute intervals	EX_LTP: <u>LTP</u> - "Last Traded Price" EX_MARKET_DEF: <u>marketDefinition</u>