

## Notes for Football Data

All data is in csv format, ready for use within standard spreadsheet applications. Please note that some abbreviations are no longer in use (in particular odds from specific bookmakers no longer used) and refer to data collected in earlier seasons. For a current list of what bookmakers are included in the dataset please visit <http://www.football-data.co.uk/matches.php>

Key to results data:

Div = League Division  
 Date = Match Date (dd/mm/yy)  
 Time = Time of match kick off  
 HomeTeam = Home Team  
 AwayTeam = Away Team  
 FTHG and HG = Full Time Home Team Goals  
 FTAG and AG = Full Time Away Team Goals  
 FTR and Res = Full Time Result (H=Home Win, D=Draw, A=Away Win)  
 HTHG = Half Time Home Team Goals  
 HTAG = Half Time Away Team Goals  
 HTR = Half Time Result (H=Home Win, D=Draw, A=Away Win)

Match Statistics (where available)

Attendance = Crowd Attendance  
 Referee = Match Referee  
 HS = Home Team Shots  
 AS = Away Team Shots  
 HST = Home Team Shots on Target  
 AST = Away Team Shots on Target  
 HHW = Home Team Hit Woodwork  
 AHW = Away Team Hit Woodwork  
 HC = Home Team Corners  
 AC = Away Team Corners  
 HF = Home Team Fouls Committed  
 AF = Away Team Fouls Committed  
 HFKC = Home Team Free Kicks Conceded  
 AFKC = Away Team Free Kicks Conceded  
 HO = Home Team Offsides  
 AO = Away Team Offsides  
 HY = Home Team Yellow Cards  
 AY = Away Team Yellow Cards  
 HR = Home Team Red Cards  
 AR = Away Team Red Cards  
 HBP = Home Team Bookings Points (10 = yellow, 25 = red)  
 ABP = Away Team Bookings Points (10 = yellow, 25 = red)

Note that Free Kicks Conceded includes fouls, offsides and any other offense committed and will always be equal to or higher than the number of fouls. Fouls make up the vast majority of Free Kicks Conceded. Free Kicks Conceded are shown when specific data on Fouls are not available (France 2nd, Belgium 1st and Greece 1st divisions).

Note also that English and Scottish yellow cards do not include the initial yellow card when a second is shown to a player converting it into a red, but this is included as a yellow (plus red) for European games.

The following key to betting odds data is described below. These are for pre-closing odds. For the closing odds, as below but with an additional "C" character following the bookmaker abbreviation/Max/Avg (e.g. B365CH = closing Bet365 home win odds).

1XBH = 1XBet home win odds  
 1XBD = 1XBet draw odds  
 1XBA = 1XBet away win odds  
 B365H = Bet365 home win odds  
 B365D = Bet365 draw odds  
 B365A = Bet365 away win odds  
 BFH = Betfair home win odds  
 BFD = Betfair draw odds  
 BFA = Betfair away win odds  
 BFDH = Betfred home win odds

BFDD = Betfred draw odds  
BFDA = Betfred away win odds  
BMGMH = BetMGM home win odds  
BMGMD = BetMGM draw odds  
BMGMA = BetMGM away win odds  
BVH = Betvictor home win odds  
BVD = Betvictor draw odds  
BVA = Betvictor away win odds  
BSH = Blue Square home win odds  
BSD = Blue Square draw odds  
BSA = Blue Square away win odds  
BWH = Bet&Win home win odds  
BWD = Bet&Win draw odds  
BWA = Bet&Win away win odds  
CLH = Coral home win odds  
CLD = Coral draw odds  
CLA = Coral away win odds  
GBH = Gamebookers home win odds  
GBD = Gamebookers draw odds  
GBA = Gamebookers away win odds  
IWH = Interwetten home win odds  
IWD = Interwetten draw odds  
IWA = Interwetten away win odds  
LBH = Ladbrokes home win odds  
LBD = Ladbrokes draw odds  
LBA = Ladbrokes away win odds  
PSH and PH = Pinnacle home win odds  
PSD and PD = Pinnacle draw odds  
PSA and PA = Pinnacle away win odds  
SOH = Sporting Odds home win odds  
SOD = Sporting Odds draw odds  
SOA = Sporting Odds away win odds  
SBH = Sportingbet home win odds  
SBD = Sportingbet draw odds  
SBA = Sportingbet away win odds  
SJH = Stan James home win odds  
SJD = Stan James draw odds  
SJA = Stan James away win odds  
SYH = Stanleybet home win odds  
SYD = Stanleybet draw odds  
SYA = Stanleybet away win odds  
VCH = VC Bet home win odds (now BetVictor, see above)  
VCD = VC Bet draw odds (now BetVictor, see above)  
VCA = VC Bet away win odds (now BetVictor, see above)  
WHH = William Hill home win odds  
WHD = William Hill draw odds  
WHA = William Hill away win odds

Bb1X2 = Number of BetBrain bookmakers used to calculate match odds averages and maximums  
BbMxH = Betbrain maximum home win odds  
BbAvH = Betbrain average home win odds  
BbMxD = Betbrain maximum draw odds  
BbAvD = Betbrain average draw win odds  
BbMxA = Betbrain maximum away win odds  
BbAvA = Betbrain average away win odds

MaxH = Market maximum home win odds  
MaxD = Market maximum draw win odds  
MaxA = Market maximum away win odds  
AvgH = Market average home win odds  
AvgD = Market average draw win odds  
AvgA = Market average away win odds

BFEH = Betfair Exchange home win odds  
BFED = Betfair Exchange draw odds  
BFEA = Betfair Exchange away win odds

### Key to total goals betting odds:

BbOU = Number of BetBrain bookmakers used to calculate over/under 2.5 goals (total goals) averages and maximums

BbMx>2.5 = Betbrain maximum over 2.5 goals

BbAv>2.5 = Betbrain average over 2.5 goals

BbMx<2.5 = Betbrain maximum under 2.5 goals

BbAv<2.5 = Betbrain average under 2.5 goals

GB>2.5 = Gamebookers over 2.5 goals

GB<2.5 = Gamebookers under 2.5 goals

B365>2.5 = Bet365 over 2.5 goals

B365<2.5 = Bet365 under 2.5 goals

P>2.5 = Pinnacle over 2.5 goals

P<2.5 = Pinnacle under 2.5 goals

Max>2.5 = Market maximum over 2.5 goals

Max<2.5 = Market maximum under 2.5 goals

Avg>2.5 = Market average over 2.5 goals

Avg<2.5 = Market average under 2.5 goals

### Key to Asian handicap betting odds:

BbAH = Number of BetBrain bookmakers used to Asian handicap averages and maximums

BbAHh = Betbrain size of handicap (home team)

AHh = Market size of handicap (home team) (since 2019/2020)

BbMxAHH = Betbrain maximum Asian handicap home team odds

BbAvAHH = Betbrain average Asian handicap home team odds

BbMxAHA = Betbrain maximum Asian handicap away team odds

BbAvAHA = Betbrain average Asian handicap away team odds

GBAHH = Gamebookers Asian handicap home team odds

GBAHA = Gamebookers Asian handicap away team odds

GBAH = Gamebookers size of handicap (home team)

LBAHH = Ladbrokes Asian handicap home team odds

LBAHA = Ladbrokes Asian handicap away team odds

LBAH = Ladbrokes size of handicap (home team)

B365AHH = Bet365 Asian handicap home team odds

B365AHA = Bet365 Asian handicap away team odds

B365AH = Bet365 size of handicap (home team)

PAHH = Pinnacle Asian handicap home team odds

PAHA = Pinnacle Asian handicap away team odds

MaxAHH = Market maximum Asian handicap home team odds

MaxAHA = Market maximum Asian handicap away team odds

AvgAHH = Market average Asian handicap home team odds

AvgAHA = Market average Asian handicap away team odds

Football-Data would like to acknowledge the following sources which have been utilised in the compilation of Football-Data's results and odds files.

Current results (full time, half time)

XScores - <http://www.xscores.com>

Match statistics

BBC, Flashscore, ESPN Soccer, Bundesliga.de, Gazzetta.it and Football.fr

Bookmakers betting odds

Betbrain.com

Oddsportal.com

Individual bookmakers

Betting odds for weekend games are collected Friday afternoons, and on Tuesday afternoons for midweek games.

Additional match statistics (corners, shots, bookings, referee etc.) for the 2000/01 and 2001/02

seasons for the English, Scottish and German leagues were provided by Sports.com (now under new ownership and no longer available).