

BatAvgRecord

Version 1

User's Manual

BatAvgRecord is an EXCEL spreadsheet program written to help the youth baseball coach keep track of hitting statistics. This program was originally developed for a team of 8 year olds in New Orleans, the Louisiana Hurricanes. One of the coaches, Ken Kerut and I (Filip To) developed this program. We have made it available for other teams as well.

BatAvgRecord.xls comes with 2 sheets called **Total Sheet**, and **Template**. Total Sheet is a summary sheet in which cumulative data for the entire season or a desired portion of the season is generated by the program. Template is used by the program to create a statistics sheet for each game (**Game Sheet**). A Game Sheet is created by clicking the "Make Game Page" button in the Template Sheet.

Importantly, one should first type in the name of each child in Template (starting in column A row 2, column A row 3, ...). The name of the Game Sheet created defaults to today's date. You can change the name of the Game Sheet as prompted by the program.

After generating a Game Sheet for a completed game, enter for each player:

At Bats, Hits, On Base Error, and On Base FC (Fielder's Choice). Also enter Walks in the appropriate column.

On Base Error and On Base FC should not additionally be entered as a hit. That is, if a batter gets on base due to an error or fielder's choice, this should not count as a base hit. For each double (2B), triple (3B), or HOME RUN by a player in a game, enter the number in the appropriate column (also enter this in the HITS column). If a player on the roster (on TEMPLATE) does not play in a game, leave that player's statistics row blank. The program will then know not to calculate statistics for that one game.

From the entered data, the program will generate the average (AVG) and on base percentage (ON BASE PCT) for each player for that game. A team AVG and ON BASE PCT for that game is also calculated and shown.

Total Sheet

Total Sheet is a summary sheet of games desired to analyze (a pop-up menu asks which games to analyze/summarize... that way, for example, one may generate statistics for the entire season or for the last month of games)

If there are no names on Total Sheet or the team has added or deleted players (a change in the names on TEMPLATE), click GENERATE/REGENERATE (brown button). This button generates the list of players to be analyzed by Total Sheet, by listing only those players on TEMPLATE.

By clicking RUN (red button), the desired Game Sheets are analyzed and the program enters the results in Total Sheet. CLEAN (green button) erases the results and lets you perform another analysis of desired games. Again, by clicking GENERATE/REGENERATE the entire Total Sheet is erased, and players are listed that are on TEMPLATE.

Troubleshooting

If the program does not run, you must set Microsoft Excel to MEDIUM security. To do this, click Tools>Macros>Security>Medium level of security. Then exit the entire program and restart the spreadsheet.

If you encounter other problems or have suggestions please send us an email at the address listed on the website.

This program is courtesy of the Agricultural and Biological Engineering Department, Mississippi State University.