

Lotto Tracker II

Lotto Tracker II

Intelligent Lotto Software for Mac OS and Windows

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Users Guide

(for all versions up to 1.7)

"I retrieved Lotto Tracker II from your homepage, tried it, and believe or not it hit a small win, at once. So, I am willing to register it before the evaluation period runs out." - Matti Tarvainen, Finland

*"Lotto Tracker is terrific. Although I don't know if it'll help me win the lottery (if it does, I'll send you some of the winnings), it's such a well-written piece of software that it's a pleasure to use."
- Brian Kelley, Apple Wizards E-zine Shareware Columnist*

"I just wanted to tell you that I think "LT2" is the best. This past week, I would have won 2500\$ in the Canadian lotto called lotto6/49. I was going to use the numbers from Lt2 but at the last minute I did not and I lost out on 2500\$. Next time I'll use LT2, you can be sure of that. Anyway, I love your Lt2 and you've done a great job too. Keep up the good work." - David Emond, Canada

"Set up is easy. In fact, this entire program is very intuitive and easy to use. The range of support for the various lotteries is almost limitless." - from a review by lottery guru Tom Rockwell



ZDNet Editor's Pick 4-
star rating - Oct '98



Super Shareware 5-star rating - Aug '99



MacMadness Software Pick -
May '99

Visit the Lotto Tracker II web site at:

<http://www.ggonsalves.com/lotto.html>

for FREE updates and up-to-date results for your favorite lotto game.

Introduction

Welcome!

Thanks for using Lotto Tracker II (LTII). I've designed LTII to make playing the lottery more interesting and, hopefully, more fun. It allows you to keep track of winning lotto numbers and then uses this information to provide win statistics and to suggest numbers to use in upcoming draws, using its internal probability logic. LTII will provide you with statistics, graphs and other tools for analyzing past results, it will suggest number combinations for you to play and even check its suggestions against the actual result. It can track up to 300 lottos of almost any type (from 5/20 to 10/99) simultaneously. It can import results and export both results and statistics from and to several formats. And it does all this using a friendly and intuitive user interface that's (hopefully) easy to understand.

A note of caution. When using LTII always remember that the odds of winning a lottery are often several million to one, so don't expect it to magically beat them. Hopefully, it'll help, but there's no guarantee.

I want to hear from you

Your comments and suggestions are an integral part of my design process. I appreciate and encourage your input on any of my products or services. You can contact me through any of the methods mentioned at the end of this document.

Lotto Tracker II License Agreement

Don't forget to read the LTII License Agreement before using LTII. It is located in your LTII folder/directory.

Register now!

Please register your copy of LTII. This will entitle you to free and friendly :-) e-mail support, notification of upgrades and information on new products I've written. In addition, LTII can only be launched 20 times until you register. Once I receive your registration, I'll supply you with a code that allows you to use the Register option in the program to brand it with your name as the authorized registered owner. So register today!

Using this guide and LTII

This Users Guide takes a “window” approach... it describes each window and its use. You can use the Find feature in the “Navigation” menu (Cmd-F and Cmd-G) to look for references to specific subjects. Displaying of the Index can be toggled off and on by using the space bar and there are several other controls available (see the “About” menu option for this document in the Apple menu).

Concept of Lotto Tracker II

Its important to understand the concept behind LTII before you start using the program. Many lotto programs simply provide random numbers. Although LTII can produce random numbers (its “Quick Picks”), it relies on past results history to produce statistics which it bases the numbers it proposes upon. (called “Suggestions” in LTII). Results history is therefore a requirement for most of the functions in LTII to work. Up-to-date the results lets LTII track recent trends which it can use to base its suggestions.

LTII ships with the results of several lottos (each up to a specific date), however, there are two ways to get up-to-date results history information into the program. To get several months (or years) of results quickly, you can use the Import Results feature. LTII can import from several file types (see “Importing Results”). Keeping your results updated on a draw-by-draw basis is accomplished using the “Enter Results” feature. Here you manually type in the results for as many draws as you want.

Some terms used in LTII

LTII and this document use a few terms that need explaining:

Suggestions - the numbers LTII proposes based on result history statistics and your preference settings.

Prefs - ML/MR, Prefs - LL/MR, Prefs - ML/LR and Prefs - LL/LR - settings you can make for suggesting numbers that affect how LTII will use the statistics (see “Suggesting Numbers” in the Preferences window and “LTII’s Best Bet Pop-up” in the Suggestions window).

Prorated - a way of compiling statistics for lottos whose number of balls has changed over the span of results history in LTII’s database (see “Setting up a new lotto” in the New/Edit Lotto window).

Quick Pick - a randomly-generated set of numbers which are not based on the results history.

Importing - a way to get information from an external computer source into LTII’s database (see “Importing Results” in the Special Features section).

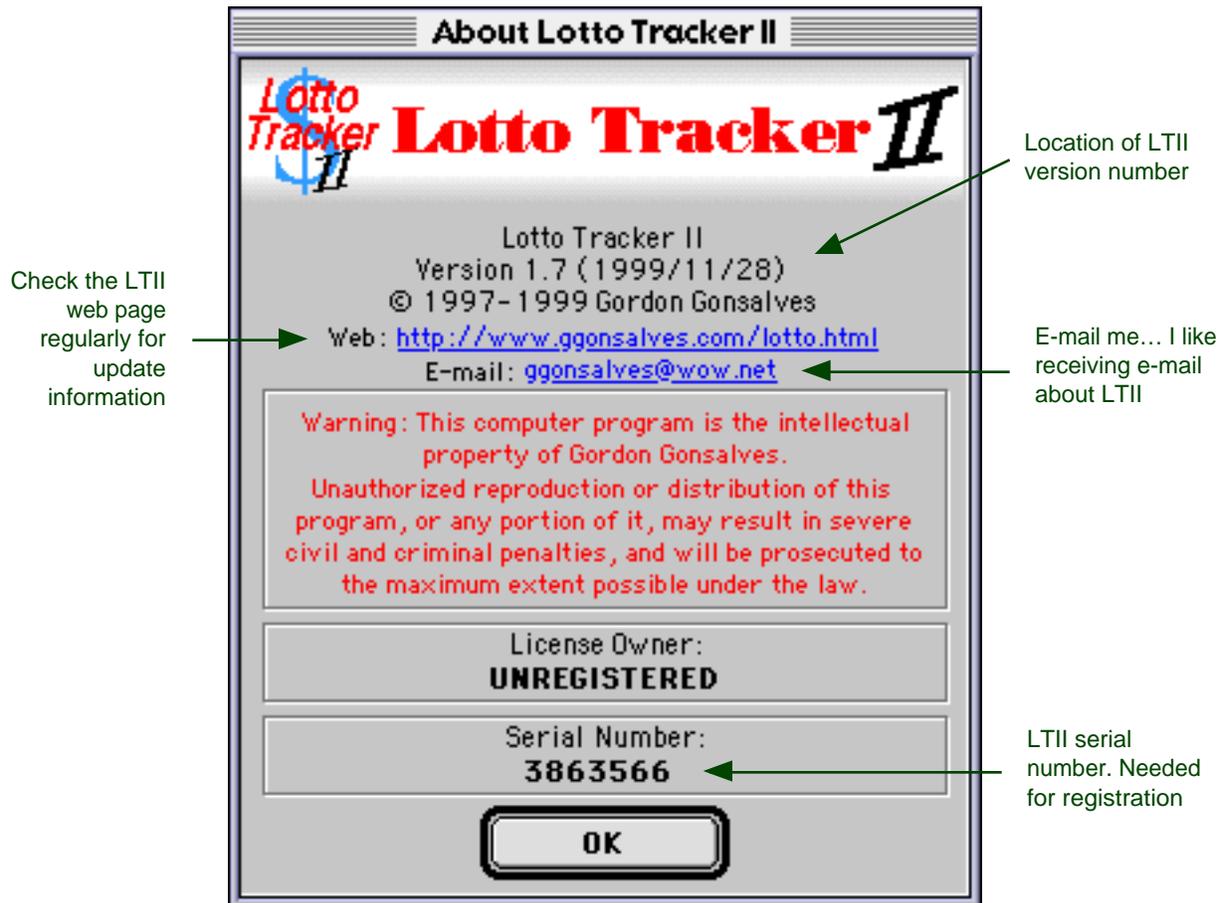
Exporting - a way to get information from LTII’s database into an external (non-LTII) computer file format (see “Exporting Results/Statistics” in the Special Features section).

Note on the Lotto Tracker II user-interface

LTII’s user-interface utilizes many windows and standard pull-down menus. The menu contents often change to reflect the context of the frontmost window and many of the options available as buttons in the various windows are also available via menu choices. The "Activities" menu, in particular, is very dynamic. In several cases there are shortcut keys (Cmd or Ctrl keys) that you can use to invoke a given option (eg. Cmd/Ctrl-Q will quit the program). When entering data in a window you can use various navigation keys to move from item to item. The recommended method is the Tab key which moves the focus to the next item in the window, and the Shift-Tab combination which moves the focus to the previous item. You can also use the Enter, Return and arrow keys, and, of course, the mouse.

The About window

When you first launch LTII, you'll see the About window.



It contains information about the copy of LTII you're using, including version number and date, license owner and serial number. It also contains a copyright warning which you should read and understand. The About window can also be accessed by choosing "About Lotto Tracker II" in the Apple menu (Mac) or the Utilities menu (Windows) and by clicking on the LTII logo in any window on which the logo is displayed. Clicking "OK" closes the About window.

The Registration Reminder window

Until you register, LTII can only be launched 20 times. The Registration Reminder window monitors how many launches remain and allows you to do several things.



Registration Info button

Choosing this option displays information on the different ways you can register LTII. You can get a printer copy of this information by clicking "Print". Click "OK" to close the window.

Register button

This displays the Register window.



Here you enter the name of the license owner (usually your name) and a registration key to complete your registration. This key is provided by me on receipt of your registration. You can also access the Register

window from the "Utilities" menu. Choose "OK" to register or "Cancel" to leave the Register window without registering.

Continue button

Choose "Continue" to go on to the Lottos window.

Quit button

"Quit" exits the program.

Once you enter the registration information, the Registration Reminder window will no longer appear.

Thanks to all of you who have registered your copy of Lotto Tracker II.

The Preferences window

You can access the Preferences window from the “Utilities” menu just about any time.

Set LTII to do your bidding based on how YOU feel numbers repeat

LTII is truly international... choose the date format you prefer . Year2000 (Y2K) dates are fine too!

Suggesting numbers:

I believe that the more frequently a number appears on a winning combination, the:

more likely (ML) less likely (LL)
that it will be drawn again.

I believe that where two or more numbers have appeared in a winning combination an equal number of times, the number that appeared:

more recently (MR) less recently (LR)
is more likely to be drawn again.

Reports:

Preview: Print:

Dates:

Date format:

Auto Y2K dates 12/31/49 = 12/31/2049
└ Pivot year: 12/31/50 = 12/31/1950

Miscellaneous:

"Take a long time..." warning message when checking suggestions

OK Cancel

Configure printing so you don't waste time responding to excessive dialogs

Suggesting numbers

This option lets you tell LTII to base its suggestions on the frequency that numbers have been drawn. If you think that numbers with high win frequencies are more likely to be drawn again, choose “more likely” (ML). If you feel that numbers which have the lowest win frequency are due, choose “less likely” (LL).

Where numbers have been drawn an equal number of times, if you feel that numbers which were drawn more recently are more likely to be drawn again, choose “more recently” (MR). If you feel that numbers which we last drawn at an earlier date are due, choose “less recently” (LR).

These settings are equivalent to the “Prefs - ML/MR”, “Prefs - LL/MR”, “Prefs - ML/LR” and “Prefs - LL/LR” choices in the Suggestions window pop-up.

Reports

LTII Lets you set preferences which affect what happens any time you choose the Print option in the file menu or click on a “Print” button. You choose the following settings for both print preview and actual printing:

- “Always” - LTII will either preview or print without any further prompting
- “Never” - LTII will never preview or print
- “Ask” - LTII will ask you to confirm whether to preview or print

Dates

With all the Y2K hoopla in the air, LTII offers some useful date options. LTII is Y2K compliant - it

understands years beyond 1999. Also, all dates display the full year value (eg. 1999, not 99 - at least until the year 9999!). When entering dates, it isn't always necessary to enter the full 4-digit year.

Date format

You can set a global date format for LTII using the "Date format" pop-up. Choices available are "Month/Day/Year", "Day/Month/Year" and "Year/Month/Day". You can change the date setting at any time... it won't adversely affect any of your data.

Auto Y2K dates

Use this option to tell LTII how to interpret the dates you type. If selected, the "Pivot year" is used as the change-over year from the 20th to the 21st century. This allows you to type just the last two digits of the year and have LTII automatically determine whether it should be preceded by "19" or "20".

Pivot year

If Auto Y2K dates is selected, the pivot year determines whether the year portion of any date you enter is in the 20th (19xx) or 21st (20xx) century. With a value of 50, typing any date with a year value of 50 or greater will result in a 20th century date. Typing a date with a year value less than 50 will result in a 21st century date. The following table illustrates how the Auto Y2K dates settings affect the dates you type:

<u>Auto Y2K Selected</u>	<u>Pivot Year</u>	<u>If you type</u>	<u>LTII records</u>
No	-	12/31/99	12/31/1999
No	-	01/01/00	01/01/1900
No	-	12/31/1999	12/31/1999
No	-	01/01/2000	01/01/2000
Yes	50	12/31/99	12/31/1999
Yes	50	01/01/00	01/01/2000
Yes	50	12/31/1999	12/31/1999
Yes	50	01/01/2000	01/01/2000
Yes	50	12/31/1949	12/31/2049

Notice in the last line that once Auto Y2K dates is selected, even typing the full four digit year is overridden by the Auto Y2K dates setting.

IMPORTANT NOTE:

If you have Auto Y2K dates selected, there are a few dates for which LTII will return an error. One example is the 29th of February, 2000. In order to successfully enter a date like this, you must type the full 4-digit year (02/29/2000)... typing 02/29/00 will result in an error.

The Lottos window

The Lottos window lists all lotto games that have been defined in LTII. The list includes the name of the game, the type of lotto (eg. 6/36 is a game with 36 numbers from which you choose 6), recorded draws (the total number of results entered into LTII), first draw number and date and last draw number and date. An asterisk (*) next to the draw type indicates a lotto which can take advantage of LTII's "prorated" feature. See "The New/Edit Lotto window" for an explanation of the prorated feature.

Lotto Name	Type	Recorded Draws	First Draw Number	First Draw Date	Last Draw Number	Last Draw Date	F R
Arizona Fantasy 5	5/35	1233	1	10/04/1991	1233	04/30/1999	0
Arizona Lotto 6/42	6/42	1023	1	07/05/1989	1023	05/01/1999	0
Australian New South Wales	6/44	254	1	03/28/1996	254	08/17/1998	0
Australian Oz Lotto	8/45	271	1	02/22/1994	271	04/27/1999	W
Australian Powerball	5/45	154	1	05/23/1996	154	04/29/1999	W
Australian Saturday/Tatts L	6/45	722	413	07/06/1985	1134	05/01/1999	W
Brazil's Megasena	6/60	158	1	03/11/1996	158	03/13/1999	W
Brazil's Quina	5/80	526	1	03/13/1994	526	03/13/1999	0
Brazil's Supersena	6/48	277	1	04/10/1995	277	03/13/1999	0
California Fantasy 5	5/39	1931	81	02/04/1992	2011	05/10/1999	0
California Super Lotto	6/51	799	491	12/18/1991	1289	08/11/1999	0
Canadian 6/49	6/49	1596	1	06/12/1982	1596	05/08/1999	0
Canadian POGO 6+1/39 (7/39)	7/39	459	1	04/13/1991	459	01/31/1996	0
Canadian Sprint 7+1/47 (8/4)	8/47	79	1	06/10/1994	79	01/26/1996	W
Canadian Super 7	7/47	88	1	09/05/1997	88	05/07/1999	W

("*" - can use prorated feature)

Buttons: Select, Edit, New, Delete, Print, Quit

LTII Ships with a whole lot of lotto games. E-mail me if you want more

You can quickly jump to a specific lotto in the list by typing the first few characters of the name of the lotto (if this doesn't happen, click once anywhere in the list, then type).

The following options are available in the Activities menu any time the Lottos window is active:

Activities	
Select Lotto...	⌘S
Edit Lotto...	⌘E
New Lotto...	⌘N
Delete Lotto...	⌘D

There are five buttons along the bottom of the Lottos window:

Select button (Cmd/Ctrl-S)

The "Select" button is used to choose the highlighted lotto in the list to work with. You can also choose a

lotto by double-clicking it in the list. Once chosen, the Statistics window is displayed. See the section "The Statistics window" for more information on working in the Statistics window.

Edit button (Cmd/Ctrl-E)

The "Edit" button opens the highlighted lotto's definition in the Edit Lotto window. Here you can make changes to certain information about the lotto. See "The New/Edit Lotto window" for more information on working in the Edit Lotto window.

New button (Cmd/Ctrl-N)

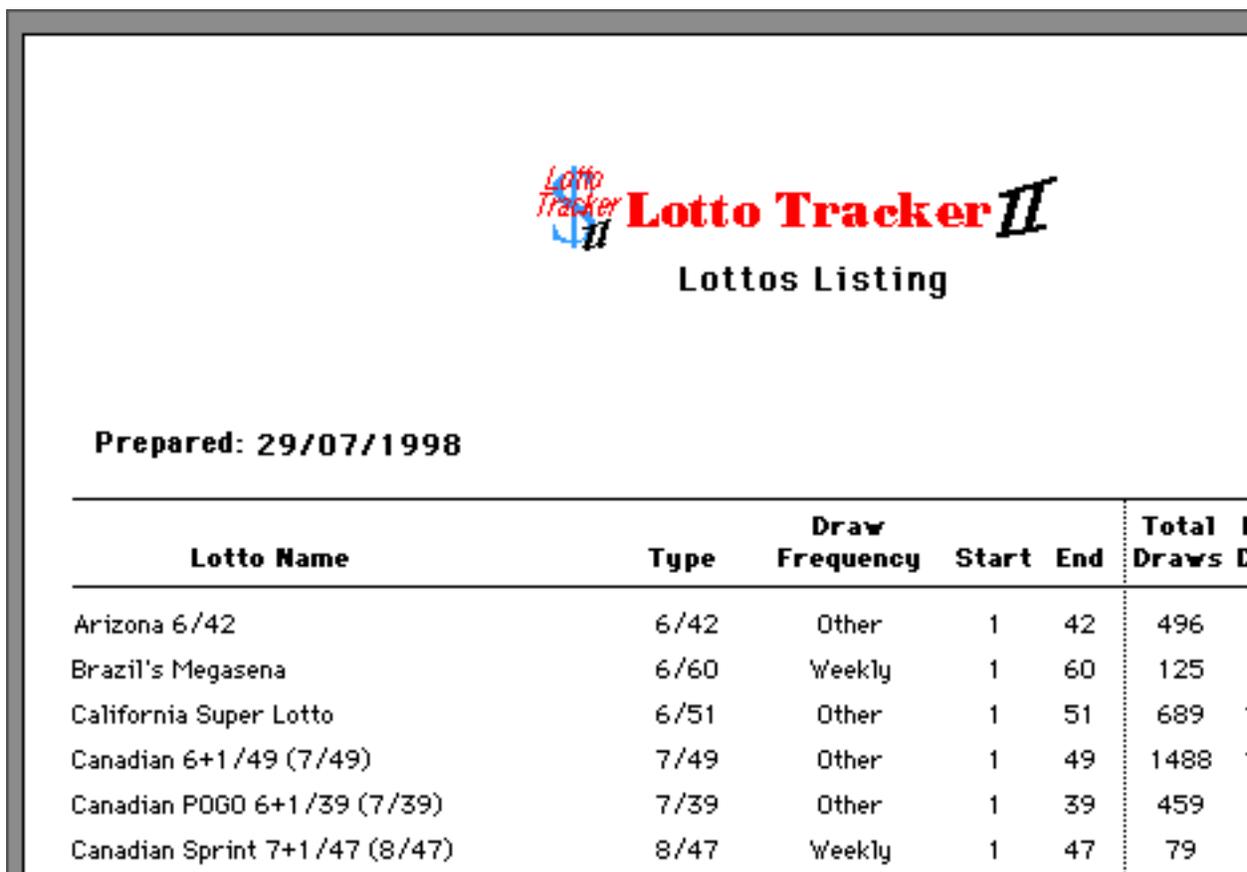
The "New" button displays a blank New Lotto window where you can define a new lotto. See "The New/Edit Lotto window" for more information on working in the New Lotto window.

Delete button (Cmd/Ctrl-D)

The "Delete" button deletes the highlighted lotto and all its related result information. You are asked to confirm the deletion. Choose "Yes" to delete the lotto or "No" to cancel the deletion.

Print button (Cmd/Ctrl-P)

Clicking the "Print" button or choosing "Print" from the File menu (Cmd/Ctrl-P) produces a report listing all the information in the Lottos window. You can view the report on screen (this requires a substantial amount of RAM), or send the report to your printer, or both. See "The Preferences window" for information on viewing reports on screen and printing reports. The Lottos report looks like this:



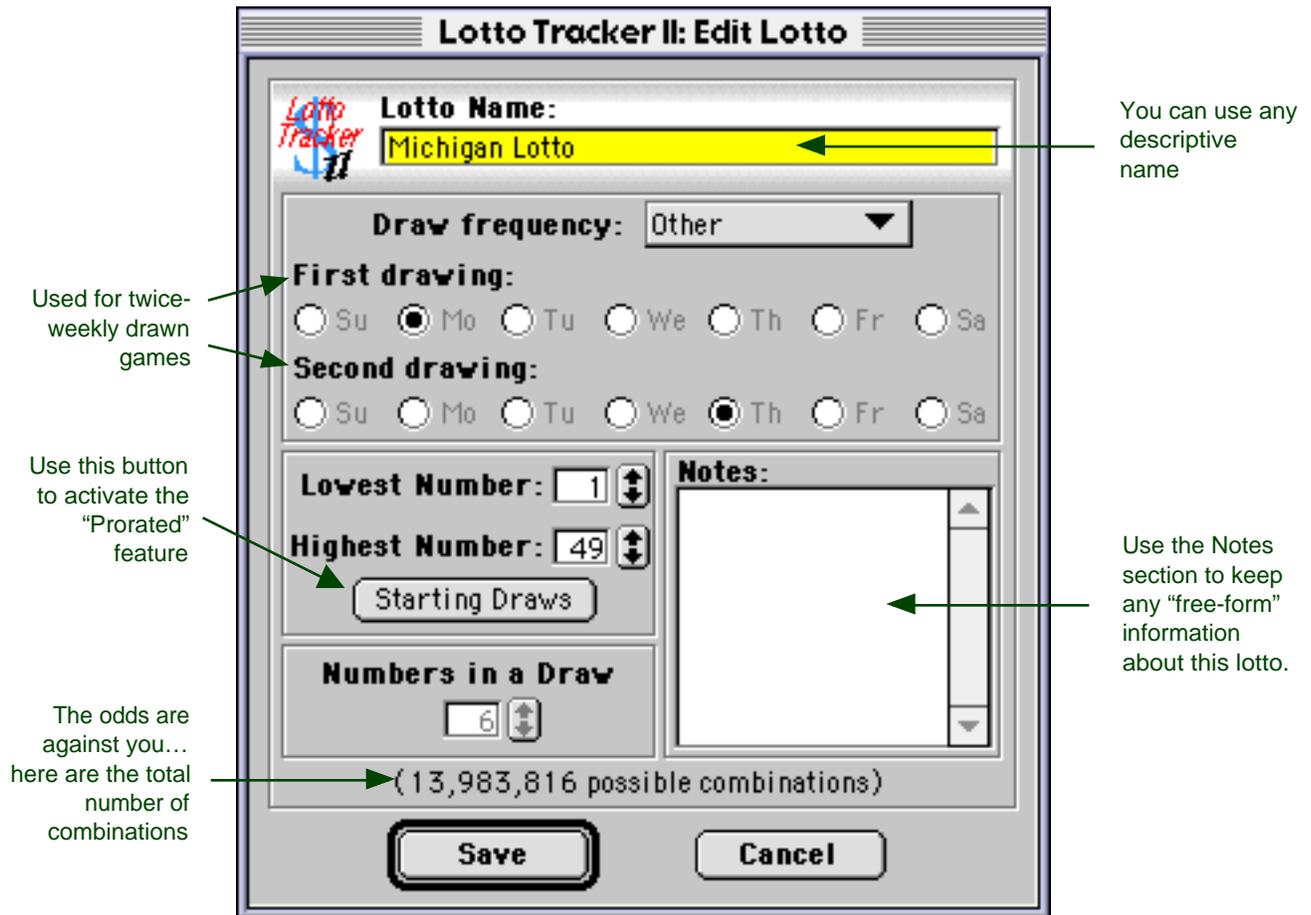
Lotto Name	Type	Draw Frequency	Start	End	Total Draws
Arizona 6/42	6/42	Other	1	42	496
Brazil's Megasena	6/60	Weekly	1	60	125
California Super Lotto	6/51	Other	1	51	689
Canadian 6+1 /49 (7/49)	7/49	Other	1	49	1488
Canadian POGO 6+1 /39 (7/39)	7/39	Other	1	39	459
Canadian Sprint 7+1 /47 (8/47)	8/47	Weekly	1	47	79

Quit button (Cmd/Ctrl-Q)

Choosing "Quit" exits the program.

The New/Edit Lotto window

The New/Edit Lotto window is displayed any time you choose "New" or "Edit" from the Lottos window.



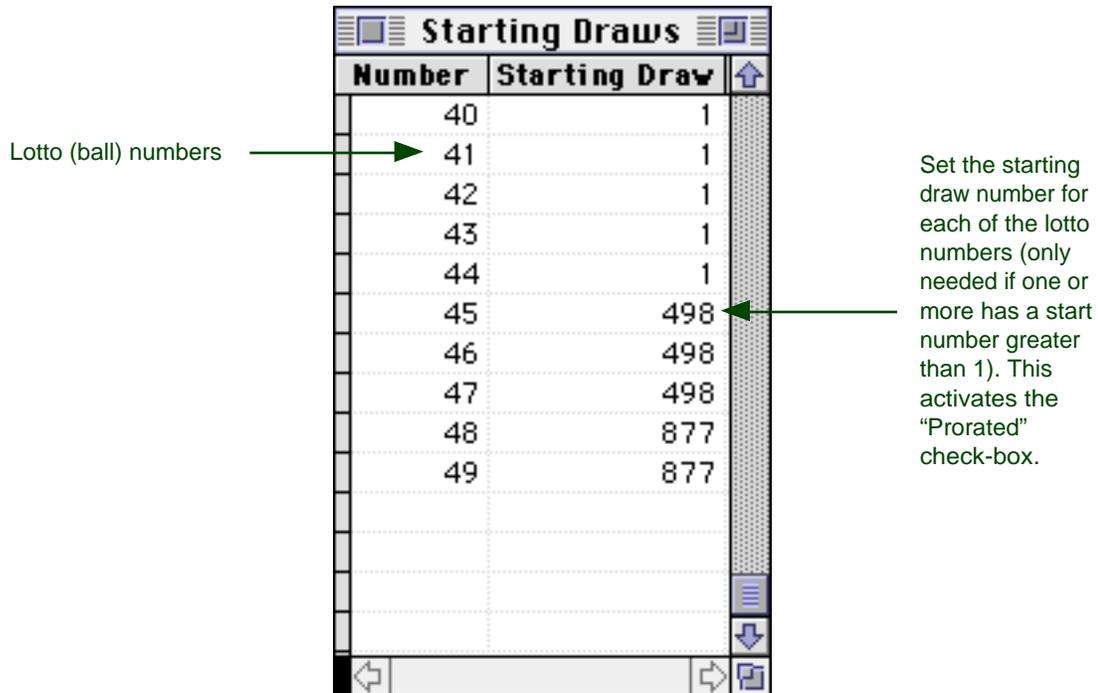
The following option is available in the Activities menu any time the New/Edit Lotto window is active:



Setting up a new lotto

1. Enter a name for the new lotto. Be sure not to enter a name that's already been taken because LTII won't let you save the new lotto.
2. Choose the draw frequency from the pop-up. This is how often draws occur. If you don't see a frequency that matches the lotto you're defining, choose "Other". For twice-weekly drawings, enter the two draw days.
3. Enter the lowest and highest numbers for the lotto. The lowest number is usually 1, the highest must be at least 20 more than the lowest (eg. in a 6/36 lotto, the lowest is 1 and the highest is 36).
4. Enter the numbers in a draw. In a 6/36 lotto this would be 6.
5. (Optional) Enter any comments about the lotto in the Notes section. You can enter an unlimited amount of text here.
6. (Optional) Enter the starting draw numbers for each number in your new lotto by clicking on the

"Starting Draws" button. This is only necessary for lottos where the numbers in the lotto were increased at some point (eg. the Trinidad & Tobago lotto started off with 32 numbers and was subsequently increased to 36 numbers at draw number 105, therefore this lotto shows a starting draw number of 1 for numbers 1 to 32 and a starting number of 105 for draws 33 to 36). Unless you change the starting draw number for one or more numbers, LTII assumes that all numbers existed from draw number 1 (see "A note about the "Prorated" feature" below). Close the Starting Draws window to continue.



The following option is available in the Activities menu any time the Starting Draws window is active:



NOTE: Clicking another LTII window while the Starting Draws window is open will automatically close the Starting Draws window

7. Click "Save" (or press Cmd/Ctrl-S). The new lotto will appear in the Lottos window list.

A note about the "Prorated" feature

Once you change the starting draw number for at least one number (as explained in 6 above) the "Prorated" feature becomes available. This feature modifies the win statistics for any number with a starting draw greater than 1 to act as if it had been around as long as all the other numbers. This results in more realistic behavior when generating number suggestions.

Editing and existing lotto

LTII will allow you to change certain information about a lotto such as its name, the lowest and highest numbers (with some restrictions), the starting draws, notes and, if no results have been entered or imported, the numbers in a draw.

1. Make any changes you require (see "Setting up a new lotto" for further information on specific

items).

2. Click "Save" to record your changes. If LTII spots any errors it will inform you so that you can correct them. It will also ask for confirmation if you change the lowest or highest numbers or the numbers in a draw.

The Statistics window

Once you select a lotto from the lottos list, information about it is displayed in the Statistics window.

Use these to set the range for compiling statistics

Click a column heading to sort

Double-click any line to see the actual results

Lotto Tracker II: Michigan Lotto: 6/49

STATISTICS

Recorded Draws: 1343 Last Draw#: 1343 Last date: 05/30/1998

Winning number for draw #1343: 04 10 21 28 34 43

Statistics compiled from 09/01/1984 to 05/30/1998

From draw #: 1 to 1343 Redisplay

Sort: Ascending Descending Prorated

No	Wins	Last Draw	Day	Month	Year
1	183	1339	16	May	1998
2	190	1342	27	May	1998
3	188	1338	13	May	1998
4	167	1343	30	May	1998
5	170	1336	6	May	1998
6	186	1338	13	May	1998
7	180	1336	6	May	1998
8	173	1334	29	April	1998
9	151	1338	13	May	1998
10	177	1343	30	May	1998
11	179	1341	23	May	1998
12	173	1338	13	May	1998
13	167	1331	18	April	1998

Enter Results

Graph

Number Suggestions

Names and Numbers

Check Numbers

Check Suggestions

Print

Close

The following options are available in the Activities menu any time the Statistics window is active:

Activities	
Enter Results...	⌘R
Graph...	⌘G
Number Suggestions...	
Names & Numbers...	
Check Numbers...	
Check Suggestions...	
Close	⌘W

Recorded Draws

The total number of draw results recorded in LTII for this lotto.

Last Draw#

The draw number of the last recorded draw for this lotto.

Last Draw Date

The draw date of the last recorded draw for this lotto.

From Draw # (version 1.5 and greater)

The draw number from which the current statistics have been compiled. You can set this to any value. If set to zero, LTII will set it to the lowest draw number in the recorded results for the selected lotto. If you set it to a higher value than the highest draw number in the recorded results, LTII will set it to the highest recorded draw number. You can use this to limit how far back into the results LTII goes when compiling statistics and suggesting numbers. Some people feel that going back more than a certain number of drawings is pointless. The value set is not activated until you click the "Redisplay" button.

HINT: Not sure what to set the From Draw # to? Try this: make sure you set the sort order to Ascending and click the "Last Draw" heading above the statistics list. This will sort the statistics by each number's last draw number, with the earliest draw at the top. Note the draw number of the top row and enter this number as the From Draw # value. Press the "Redisplay" button. The statistics will now reflect the most recent range of draws for which each number has appeared at least once as a winner. (Have a look at the graph with this setting - the lowest number of wins will be 1).

Users of versions earlier than 1.5: These versions do not include the From Draw # feature. Although not as simple or fast as using the From Draw #, you can get the same effect by exporting your results, duplicating the exported file and then editing out the earlier draws using any text editor or word processing program. You can then import the edited results, producing a reduced results set - effectively the same as having the From Draw # feature.

To (Draw #)

The draw number to which the current statistics have been compiled. You can set this to any value. If set to zero, LTII will set it to the highest draw number in the recorded results for the selected lotto. If you set it to a higher value than the highest draw number in the recorded results, LTII will set it to the highest recorded draw number. You can use this to limit how far forward in the results LTII comes when compiling statistics and suggesting numbers. The value set is not activated until you click the "Redisplay" button.

Redisplay

Click the "Redisplay" button to recompute the statistics based on the draw from and to values that have been set. The draw from and to values will be modified automatically if they are out of range of the existing results.

Sort

Choose "Ascending" to sort the listed statistics in ascending sequence or "Descending" to sort them in descending sequence. The sort column heading is indicated in a darker grey than the other column headings. See "Column Headings" below.

Prorated

Check the "Prorated" check-box to have LTII use its prorated algorithm to recompute the statistics. Un-check it to show actual statistic values. Only the "Wins" column is affected by the prorated check-box. If the prorated check-box is dimmed (not available), the lotto you're working with does not require it. See step 6 in "Setting up a new lotto" for more information on the prorated feature.

Column Headings

Clicking on each of the six column headings (Number, Wins, Last Draw, Day, Month and Year) causes the statistics to be sorted on that column (in either ascending or descending sequence, based on the "Sort" choice made). Sorting on different statistics columns is helpful when visually analyzing statistics.

The Statistics List

If you click once in the statistics list, you can quickly jump to a specific number by typing the number, Double-clicking a line in the statistics list will display a new "Results" window that lists all the draws from which that line was compiled. If you ever wanted to see all the draws where the number 5 was in the winning combination, double-click the statistics for number 5.

Winning Number for Draw #xxxx (version 1.5 and greater)

This is the winning number for the draw number displayed in the "To (Draw #)" field.

Statistics compiled from/to (version 1.5 and greater)

The date range of the displayed draws from and to. The from-date is the date of the draw number entered in the "From" field, the to-date is the date of the draw number entered in the "To" field.

Enter Results button (Cmd/Ctrl-R)

Displays a new window where you can enter new draw results and change previously entered results. See "The Results window" for more information on entering and updating results.

Graph button (Cmd/Ctrl-G)

Displays a graph of the current statistics in a new window. See "The Graph window" for more information about LTII graphs.

Number Suggestions button

Opens the Suggestions window where LTII suggests number combinations for you to use. See "The Suggestions window" for more information on using the suggestions window.

Names and Numbers button

Displays the Names and Numbers window where you can have LTII provide numbers based on names and phrases. See "The Names and Numbers window" for more information on using this window.

Check Numbers button

Displays the Check Numbers window where you can have LTII check a given number against multiple draws. See "The Check Numbers window" for more information on the Check Numbers window.

Check Suggestions button (version 1.5 and greater)

Opens the Check Suggestions window which lets you have LTII check its own suggestions against actual results. See "The Check Suggestions window" for more information on using this window.

Print button (Cmd/Ctrl-P)

The "Print" button produces a report listing the currently displayed statistics. See "The Preferences window" for information on print options that determine what happens when you choose to print. The Statistics report looks like this:



Lotto Tracker II

Statistics Report

Prepared: 29/07/1998

Michigan Lotto

Prorated statistics from draw nos 1246 to 1342 sorted by r

Number	Wins	Last Draw	Last Day	Last Month	Last
1	9	1339	16	May	1
2	12	1342	27	May	1
3	13	1338	13	May	1
4	15	1340	20	May	1
5	12	1336	6	May	1
6	9	1338	13	May	1
7	13	1336	6	May	1
8	7	1334	29	April	1

Close button (Cmd/Ctrl-W)

Closes the Statistics window.

The Results window

Choosing “Enter Results” from the Statistics window displays all recorded results for the current lotto in the Results window.

Zoom the window

You can resize any column by dragging its divider line

Rearrange columns by dragging their headings

Draw No	Date	No 1	No 2	No 3	No 4	No 5	No 6	*Sum*
1335	05/02/1998	5	25	37	42	45	46	200
1336	05/06/1998	5	7	17	20	31	45	125
1337	05/09/1998	2	3	14	37	40	48	144
1338	05/13/1998	3	6	9	12	17	41	88
1339	05/16/1998	1	21	34	36	40	47	179
1340	05/20/1998	4	32	37	40	46	49	208
1341	05/23/1998	11	21	22	30	34	42	160
1342	05/27/1998	2	15	18	23	28	48	134
1343	05/30/1998	4	10	21	28	34	43	140
1344	/ /							0

The following options are available in the Activities menu any time the Results window is active:

Activities	
New Result	⌘N
Delete Result	⌘D
Close	⌘W

NOTE: Clicking another LTII window while the Results window is open will automatically close the Results window

Draw No

This is the sequential draw number for each result and can be actual draw numbers for the particular lotto or LTII-generated sequential numbers. LTII will not allow duplicate draw numbers.

Date

The draw date for each result. Dates are displayed in the format you select in the Preferences window. All the dates in this user guide’s screen shots are displayed in day/month/year format but you can change the date format to suit your preferences (LTII is Year-2000 compliant).

No 1 to No x (number columns)

The winning numbers for each result. The number of columns displayed will depend on the type of lotto (a 6/49 will display 6 columns, an 8/51 will display 8).

Sum

The sum of the winning numbers for each result. Another useful statistic.

Entering new results

1. Make sure you're on a new line. To get a new line choose "New Result" from the Activities menu (Cmd/Ctrl-N). LTII will automatically fill in the draw number and date (except for lottos with a draw frequency of "Other").
2. Enter the draw date if necessary. Remember to enter it in the format you've selected in the Preferences window. Single-digit day or month values such as 1 should be entered as 01. You can enter the year as either two or four digits (eg. 98 or 1998). See the Preferences window for more information on entering dates.
3. Enter the winning numbers. You can enter the numbers in any sequence.
4. Repeat the first three steps for each new result you're entering.

Changing results

1. Locate the result you wish to change. You can have LTII search for a specific result by choosing "Find" from the Edit menu (Cmd/Ctrl-F).
2. Make any required changes.

Deleting results

1. Locate the result you wish to delete. You can have LTII search for a specific result by choosing "Find" from the Edit menu (Cmd/Ctrl-F).
2. click anywhere on the result and choose "Delete Result" from the Activities menu (Cmd/Ctrl-D).

Printing results

1. Choose "Print" from the File menu (Cmd/Ctrl-P). See "The Preferences window" for information on print options that determine what happens when you choose to print.
2. The Results report looks like this:



Lotto Tracker II

Results Listing

Prepared: 29/07/1998

Michigan Lotto

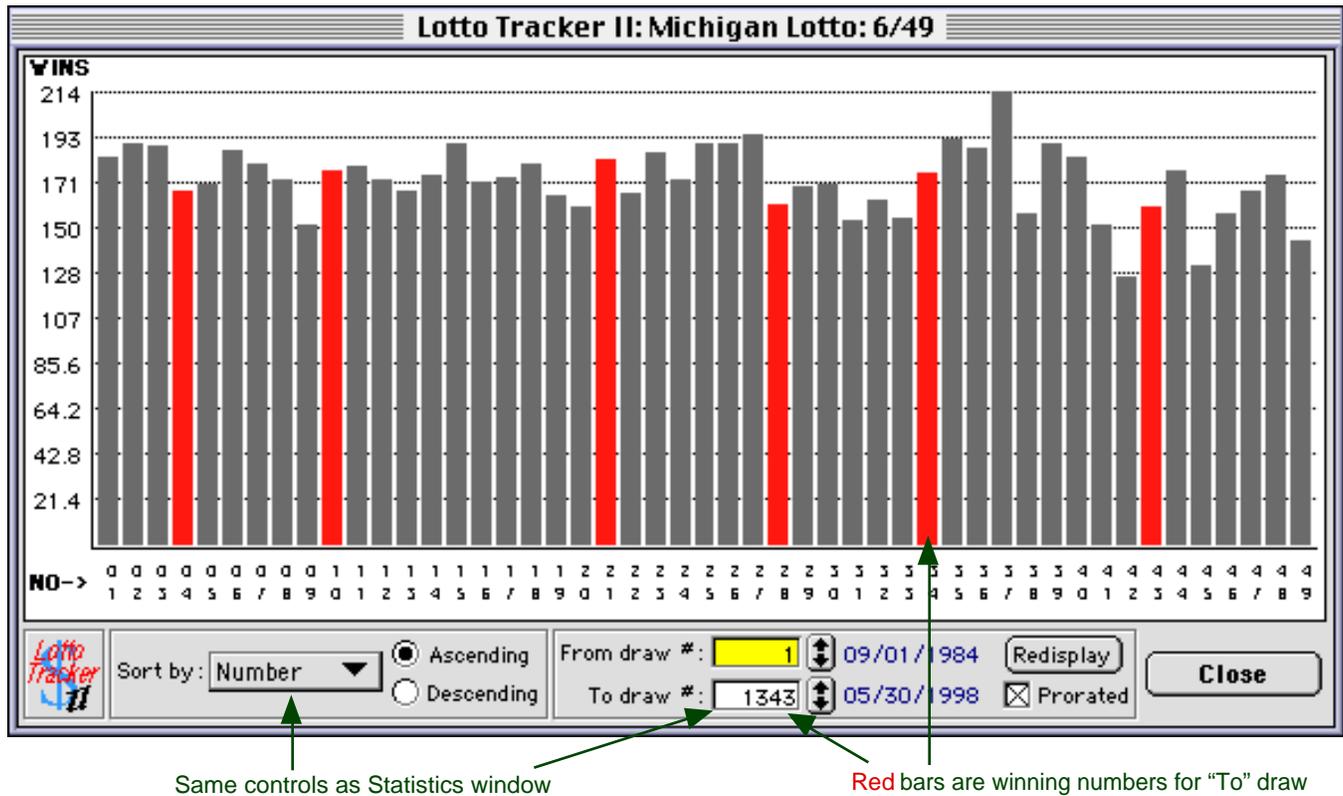
Draw No	Draw Date	No 1	No 2	No 3	No 4	No 5
1	01/09/1984	5	6	8	10	11
2	08/09/1984	8	24	26	29	31
3	15/09/1984	3	8	14	16	20
4	22/09/1984	7	14	17	25	31
5	29/09/1984	11	16	17	20	24
6	06/10/1984	1	6	16	17	20
7	13/10/1984	2	10	13	15	20
8	20/10/1984	12	20	31	36	37
9	27/10/1984	1	9	10	20	24

Once you're finished working with the results, close the Results window. LTII will validate the results. If an error is found a message will be displayed describing the error. Click OK. LTII will ask if to cancel any changes you made to the results. Choose "No" to redisplay the results (with the result in error selected), or choose "Yes" to cancel your changes.

Once all results have been validated, the statistics will be recomputed using the updated results and the Statistics window will be updated.

The Graph window

Choosing “Graph” from the Statistics window displays the LTII Graph window.



The following option is available in the Activities menu any time the Graph window is active:



Graphs are a great way to quickly view win trends and patterns. LTII graphs show the number of wins for each number based on the specified drawing range. The horizontal (x) axis displays the lotto numbers in the selected sequence. The vertical (y) axis displays the number of wins in ten increments. The red bars indicate the winning numbers for the “To draw” value.

Graphs share many of the same controls as the Statistics window. The major difference is that sorting is accomplished by using the “Sort by” pop-up which is equivalent to the Statistics window’s column headings.

For an explanation of the various controls refer to the corresponding controls in the Statistics window.

The Suggestions window

Choosing “Number Suggestions” from the Statistics window displays the Suggestions window.

Lotto Tracker II Suggestions

Michigan Lotto

Saturday May 30, 1998
DRAW # 1343 Prefs - ML/LR ▼

A. 21 28 34 37 43 48

B. 09 10 12 34 37 48

C. 04 21 27 28 43 44

D. 08 20 21 34 37 45

E. 01 18 29 37 41 44

F. 14 24 28 31 45 49

G. 04 10 21 28 34 43

From: 1246 25/06/1997 Redisplay

To: 1342 27/05/1998 Prorated

Close Print

Red numbers are winning number matches (yes... these are actual LTII suggestions for the Michigan lotto)

Use this pop-up to change the way suggestions are generated... ML/LR matches the Preferences window for “more likely/less recently”

This is the winning number for draw number 1342

Don't forget to click the “Redisplay” button any time you change the “From” or “To” values

Use the “From” value to set the statistics-compilation starting point

Use the “To” value to check a past drawing or to propose numbers for the next draw

Use this check-box to toggle between prorated and actual statistics

The Suggestions window displays number combinations for you to use based on the compiled statistics and LTII’s internal probability logic. You can influence the suggested numbers by changing the “Suggesting numbers” choices in the Preferences window (see “See Preferences window” for an explanation of these choices). Once the results for the “From”/”To” draw range aren’t changed, LTII will always suggest the same combinations (except for “Quick Picks” which are always regenerated). This allows it to check past suggestions against the actual result, displaying matched numbers in red.

The following option is available in the Activities menu any time the Suggestions window is active:



Date and Draw Number

The date and draw number for the displayed suggestions. These are determined by the draw “To” value. When projecting suggestions, for lottos with a draw frequency of “Other”, the words “Next Draw” are displayed instead of the next draw date.

LTII's Best Bet Pop-up

This pop-up is used to tell LTII which basis to use for suggesting numbers. There are six possible values:

LTII's Best Bet

LTII will use its internal algorithm for suggesting numbers based on the currently compiled statistics. Entries made in the Preferences window have no effect on these suggestions.

Prefs - ML/MR

Preference settings “more likely” and “more recently” will be used in combination with LTII's internal algorithm for suggesting numbers. See “The Preferences window” for more information.

Prefs - LL/MR

Preference settings “less likely” and “more recently” will be used in combination with LTII's internal algorithm for suggesting numbers. See “The Preferences window” for more information.

Prefs - ML/LR

Preference settings “more likely” and “less recently” will be used in combination with LTII's internal algorithm for suggesting numbers. See “The Preferences window” for more information.

Prefs - LL/LR

Preference settings “less likely” and “less recently” will be used in combination with LTII's internal algorithm for suggesting numbers. See “The Preferences window” for more information.

Quick Pick

All the suggestions will be randomly-generated numbers which completely ignore the compiled statistics. This is like having the lotto teller machine pick the numbers for you. Quick picks are identified by green numbers and the letters “QP” to the right of the numbers.

Whichever basis you choose, the last row (G) will always be either a quick pick or the winning number for the draw indicated in the draw “To” box. LTII uses the following to determine what to put into row G:

- If the winning numbers for the draw number displayed at the top of the suggestions window HAS been entered into the results, LTII will display the winning numbers on row G (in purple).
- If the winning numbers for the draw number displayed at the top of the suggestions window has NOT been entered into the results, LTII will display a quick pick on row G (in green).

Selecting any of the “Prefs” options automatically changes the Preferences window settings to match.

NOTE: Although LTII will never duplicate its suggestions on any row for a single pop-up choice, its possible that it will produce the same numbers for one or more rows when you change the suggestion basis using the pop-up. Therefore, remember to always check for duplicates if you select numbers using more than one pop-up choice.

Rows A to G

The suggested numbers are displayed in seven rows. Normally, numbers in rows A to F are displayed in black and row G in green (a “quick pick”). If the winning numbers for the displayed draw have already been entered into LTII's results, any matching numbers in rows A to F are displayed in red and row G shows the winning numbers in purple.

From, To, Redisplay and Prorated controls

These are identical to the same controls in the Statistics window. For an explanation of them refer to the corresponding controls in the Statistics window. Use these controls to change the range of results used in compiling statistics used for suggesting numbers. Changing either the from, to, or prorated values causes LTII to regenerate the statistics and the suggestions.

Print button (Cmd/Ctrl-P)

The "Print" button produces a report listing the currently displayed suggestions. See "The Preferences window" for information on print options that determine what happens when you choose to print. The Suggestions report looks like this:

 **Lotto Tracker II**
Number Suggestions

Prepared: 29/07/1998 **Michigan Lotto**

Saturday May 30, 1998 **Results from draw**
DRAW # 1343
Prefs - ML/LR

A.	21	28	34	37	43	48
.....						
B.	09	10	12	34	37	48
.....						
C.	04	21	27	28	43	44
.....						

Close button (Cmd/Ctrl-W)

Closes the Suggestions window.

Remember, you don't have to only depend on LTII's suggestions for numbers to play. The Statistics, Graph and Check Suggestions windows allow you to view past history in a variety of ways. Playing with the settings in these windows allows you to see patterns which you can use to select your own numbers (which may be quite different from LTII's suggestions).

The Names and Numbers window

Choosing “Names and Numbers” from the Statistics window displays the Names and Numbers window.

Row	Input	Number
1.	JOE	26
2.	MARIA	19
3.	BMW 5-SERIES	35
4.	RED FERRARI	39
5.	48' BERTRAM	18
6.	LOTTO TRACKER II	9

What did you dream about last night? What's your favorite car? The names of your loved ones? ...enter a word, number or phrase on each row

...and watch LTII produce a perfectly good number for you!

Clear All Close

This completely unscientific approach lets you enter words and phrases which LTII evaluates to a number within the range allowed by the currently selected lotto. Simply enter a name, number or phrase in each row and watch as LTII produces a number for you to use for the next lotto drawing. Within a given lotto, the same number will always be produced for a given word or phrase.

The following option is available in the Activities menu any time the Suggestions window is active:



Clear All

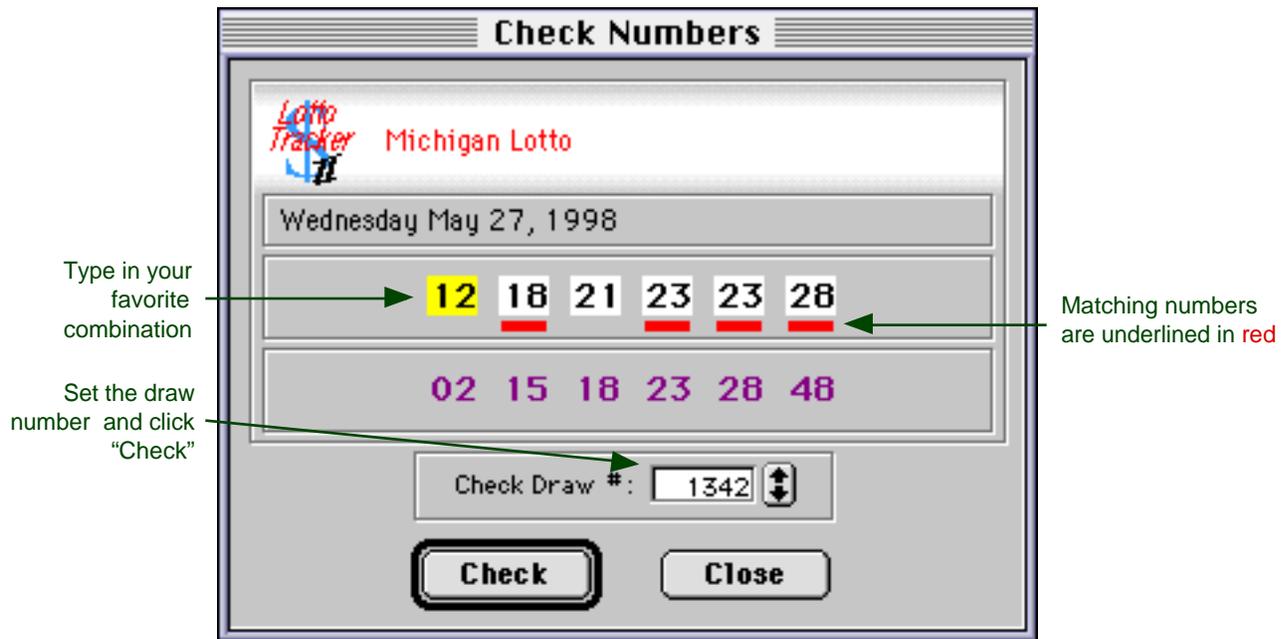
Clears all entries so you can start over and get a whole new number!

Close button (Cmd/Ctrl-W)

Closes the Names and Numbers window.

The Check Numbers window (prior to version 1.6)

In LTII versions before version 1.6, choosing “Check Numbers” from the Statistics window displays the following Check Numbers window. If you’re using version 1.6 or greater, see the next section.



Use the Check Numbers window to have LTII check a given number combination on a draw-by draw basis. Enter the numbers to be checked, enter the draw number in the “Check Draw #” box and click “Check”. Matching numbers are underlined in red. OK, this is a lame feature. The next version of LTII will have a much improved version that lets you check as many number combinations as you like against as many drawings as you like... I promise.

The following option is available in the Activities menu any time the Suggestions window is active:



Close button (Cmd/Ctrl-W)
Closes the Check Numbers window.

The Check Numbers window (version 1.6 and above)

LTII versions 1.6 and greater display the following Check Numbers window when you choose “Check Numbers” from the Statistics window. If you’re using an earlier version, see the previous section.

Check Numbers: Michigan Lotto: 6/49

Numbers to check:		Matches:		
Row	Numbers	Draw	Row	Matching Numbers
A	: 05 11 14 21 35 44	1001	B	: 10 19 40
B	: 10 17 19 21 30 40	1016	C	: 18 33 49
C	: 16 18 27 33 34 49	1027	B	: 17 19 21 40
		1037	B	: 10 21 40
		1079	A	: 05 35 44
		1093	B	: 10 30 40
		1097	C	: 18 34 49
		1127	C	: 16 33 34
		1163	A	: 14 35 44
		1180	B	: 19 30 40
		1209	B	: 19 30 40
		1223	B	: 17 21 30
		1248	B	: 17 21 30

(3 numbers to check)

Edit numbers:

Record Edit Delete Delete All

Check from draw: 1000 02/15/1995
to draw: 1343 05/30/1998

Ignore check results with fewer than 3 matches
1032 checks will be done.

Check Now Close

Enter as many of your own numbers as you like... LTII will quickly see how close you came

The Check Numbers window shows two panes. The left pane is used to store a list of numbers which you wish to check against results of one or more draws. The right pane displays the results of the check, listing all the numbers which matched numbers in the draw results checked.

The following option is available in the Activities menu any time the Check Numbers window is active:



Numbers to check

This pane displays a list of numbers you have entered (using the “Edit numbers” section below the list) in two columns, Row and Numbers. The Row column is an alphabetical reference generated by LTII. The Numbers column contains the numbers you have entered.

Edit numbers

Enter the numbers you wish added to the list here. You can also change (edit) or delete existing numbers. As numbers are recorded they appear in the list above.

Matches

The Matches pane displays the results of checking your list of numbers against the draw(s) you specify. It includes three columns - Draw, Row and Matching Numbers. The Draw column shows the draw being checked for matching numbers. The Row column displays the row reference from the “Numbers to check” pane. The Matching Numbers column lists the numbers with matches in the winning combination.

Check from draw to draw

Use the “From” and “To” values to tell LTII which draw(s) to check

From

Specify the starting draw number to be checked.

To

Specify the ending draw number to be checked

Ignore

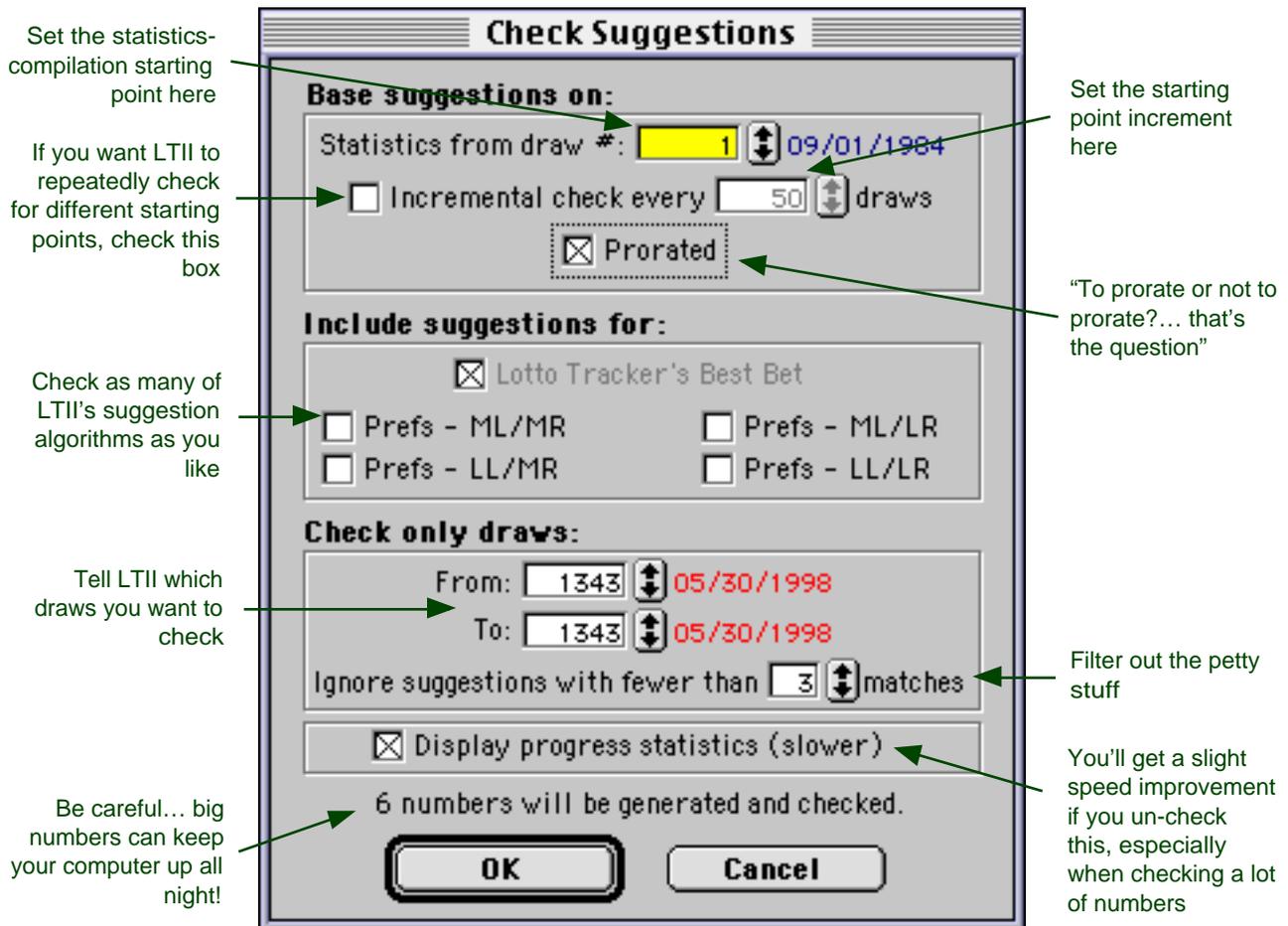
You can use this value to filter out check results with fewer winning number matches than whatever you specify. To see all matches, use a value of 1.

The total number of checks that will be done is displayed just above the “Check Now” and “Close” buttons.

NOTE: As with checking Suggestions, performing a large number of checks can take a loooong time.

The Check Suggestions window

Choosing “Check Suggestions” from the Statistics window displays the Check Suggestions window.



The Check Suggestions window allows you to specify criteria for LTII to use in checking how its suggestions stacked up against the actual results. There are a number of controls which let you determine both what will be checked as well as how many results it will display.

Base suggestions on

Statistics from draw

This lets you specify the starting point for compiling statistics and is analogous to the “From Draw” number in the Statistics window.

Incremental check

You can have LTII repeatedly recompile statistics from a different starting point, each time checking all the combinations you specify in “Include suggestions for” and “Check only draws”. To recompile statistics for every draw after the starting point, use a value of 1. To recompile for every 50th draw, use a value of 50. Note that using the incremental check feature can vastly increase the quantity of numbers that will be produced and checked, as well as the time it will take.

Prorated

If the lotto you're working with can utilize the prorated feature, specify whether or not to use prorated

statistics.

Include suggestions for

Specify which LTII algorithms to produce and check suggestions for. See “The Suggestions window” and “The Preferences window” for more information on the meanings of the various choices.

Check only draws

Use the “From” and “To” values to tell LTII which draw(s) to check, using the “Base suggestions on” and “Include suggestions for” choices you made.

From

Specify the starting draw number to be checked.

To

Specify the ending draw number to be checked

Ignore

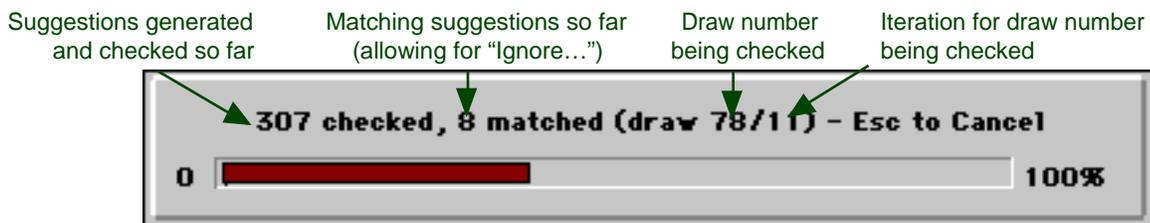
You can use this value to filter out suggestions with fewer winning number matches than whatever you specify. To see all suggestions, use a value of 0.

The total number of suggestions that will be produced and checked is displayed near the bottom of the window.

NOTE: Checking a large number of suggestions can take a loooong time.

OK button

Clicking OK starts the checking process. A progress bar will be displayed while LTII generates and checks its suggestions.



You can cancel at any time by pressing the Esc key on your keyboard. Checking will continue for a few seconds then you’ll be asked to confirm canceling. Choose “No” to resume checking or “Yes” to cancel.

As long as you don’t cancel, you’ll eventually see the results appear in the “Suggestion Performance” window. See “The Suggestion Performance window” for an explanation of what it all means.

Cancel button

Closes the Check Suggestions window.

The Suggestion Performance window

The results of checking suggestions appear in the Suggestion Performance window.

Suggestions generated from draw number Draw being checked LTII suggestion algorithm Suggested numbers The numbers that matched the winner How many matched

Gen Fr	Draw	Date	Prefs	Suggestions	Matching Suggestions	Matches
1251	1343	30/05/1998	LTBB	B 04 21 28 34 37 48	04 21 28 34	4
1251	1343	30/05/1998	ML/MR A	04 21 28 34 37 48	04 21 28 34	4
1251	1343	30/05/1998	ML/MR C	04 10 12 18 21 28	04 10 21 28	4
1251	1343	30/05/1998	ML/LR C	04 09 21 27 28 43	04 21 28 43	4

The following option is available in the Activities menu any time the Suggestion Performance window is active:



NOTE: Clicking another LTII window while the Suggestion Performance window is open will automatically close the Suggestion Performance window

Gen Fr

The statistics compilation starting draw number used by LTII to generate the suggestion. A value of one means that statistics were compiled from the first draw.

Draw

The draw being checked.

Date

The date of the draw being checked.

Prefs

The LTII algorithm which produced the suggestion.

The next column is the corresponding Suggestions window row (A to F).

Suggestions

The LTII number suggestion.

Matching Suggestions

The numbers in the LTII suggestion which matched winning numbers.

Matches

The quantity of matching numbers.

Printing suggestion performance

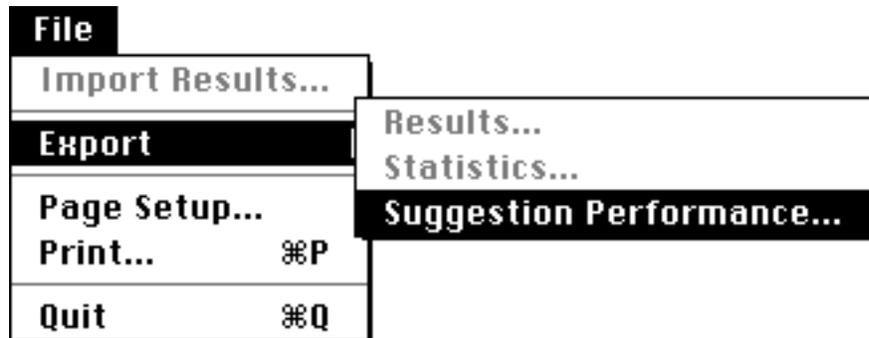
1. Choose "Print" from the File menu (Cmd/Ctrl-P). See "The Preferences window" for information on print options that determine what happens when you choose to print.
2. The Suggestions Performance report looks like this:

 Lotto Tracker II Suggestion Performance						
Prepared: 1998/07/30			Michigan Lotto			
Gen From	Draw No	Draw Date	Prefs	Suggestions	Matching	
1246	1343	1998/05/30	ML/LR A	21 28 34 37 43 48	21 28	
1246	1343	1998/05/30	ML/LR C	04 21 27 28 43 44	04 21	
1247	1343	1998/05/30	ML/MR B	04 28 34 37 43 44	04 28	
1247	1343	1998/05/30	ML/LR C	04 10 12 21 28 44	04 10	
1248	1343	1998/05/30	ML/LR C	04 12 21 24 28 43	04 21	
1249	1343	1998/05/30	ML/MR B	04 10 21 34 37 44	04 10	
1250	1343	1998/05/30	LTBB B	04 21 28 34 37 48	04 21	
1250	1343	1998/05/30	ML/MR A	04 21 28 34 37 48	04 21	
1250	1343	1998/05/30	ML/MR B	09 10 21 34 37 43	10 21	

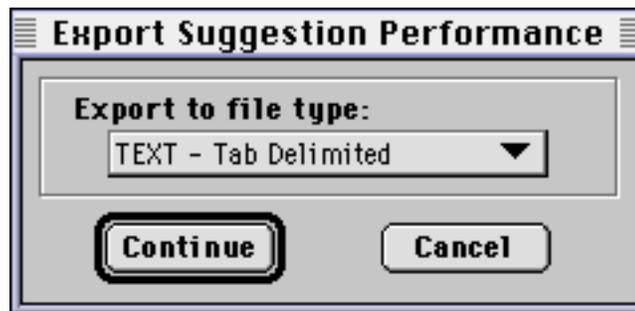
Exporting suggestion performance

You can export the information in the Suggestion Performance to a TEXT or other file type so that you can do further analysis of the data in a database or spreadsheet program.

1. Choose “Export” and “Suggestion Performance” from the File menu.



2. Specify the type of file to export to and click “Continue”.



3. Enter a name for the new file and specify a location to save it. Choose “Save”

You can now open the exported file in another program such as a spreadsheet or database program.

Once you're finished working with the Suggestion Performance window, close it to return to the Check Suggestions window.

Special Features

Importing Results

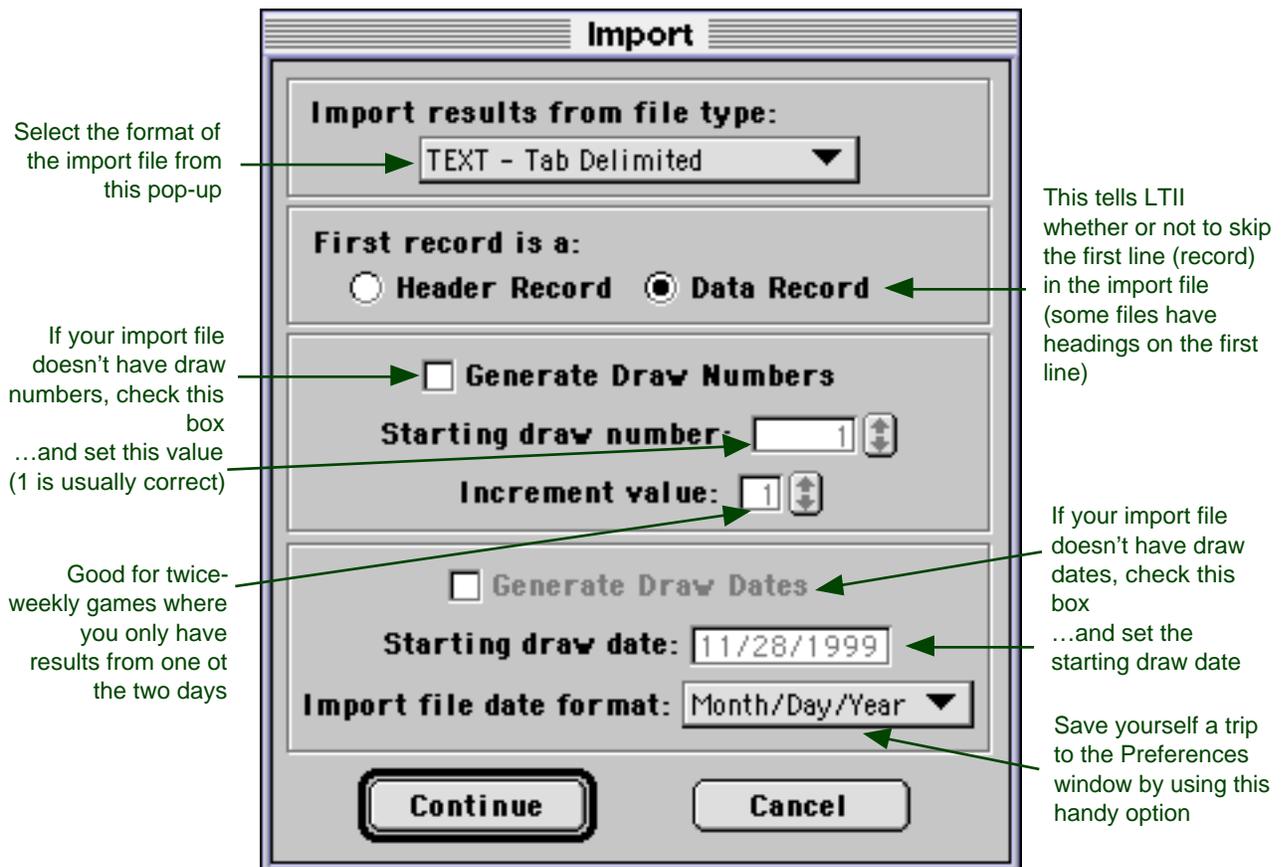
You can import results into LTII from an external computer file. This can save you hours of time you might otherwise spend manually entering past drawing history into LTII's Results window. The LTII web page located at <<http://www.ggonsalves.com/lotto.html>> has downloadable results for many lotto games. These results are all in a format which makes it easy to import them into LTII. This section provides instructions for importing specifically from these files as well as general instructions for importing from other TEXT files.

Importing from LTII web page downloadable files

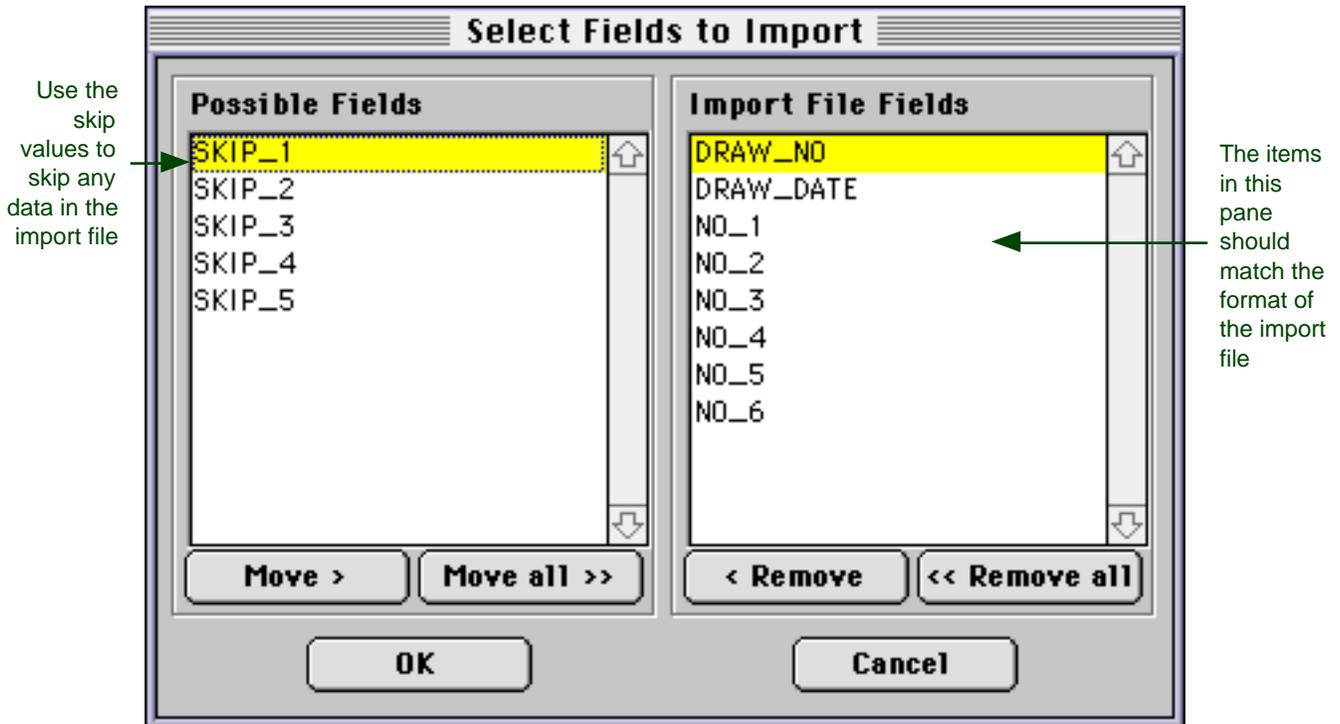
1. Download and unstuff (Mac) or unzip (Windows) the file you wish to import.
2. If you haven't done so already, select a lotto in the Lottos window or define a new one which will utilize the imported results. If you define a new lotto, save the definition (see "The New/Edit Lotto window"). It will now appear in the list of lottos.
3. In the Lottos window, select the lotto. The Statistics window will appear.
4. Choose "Import Results" from the File menu.
5. In the Import window, choose the following:

File Type.....: TEXT - Tab Delimited
First Record..: Data record

Leave the other check boxes empty.



- Click "Continue" and locate and select the import (.txt) file. LTII displays the "Select Fields to Import" window.



- Select the fields from the left pane (by double-clicking) in this order:
 DRAW_NO
 DRAW_DATE
 NO_1
 NO_2
 NO_3
 etc.

The selected fields will appear in the right pane in the order they were selected. Be sure to select all the "NO_" fields.

- Click "OK". LTII will read the import file's contents and provide a preview list of the imported results. You can scroll through this list to verify that the data was imported correctly. At this point you can also change anything in the imported results, although its usually better to re-import the data with the correct specifications chosen.

You can make any changes you want here, but its usually better to re-import a clean and accurate file

Preview Imported Records								
Draw No	Date	No 1	No 2	No 3	No 4	No 5	No 6	
1	01/09/1984	5	6	8	10	22	39	
2	08/09/1984	8	24	26	29	31	36	
3	15/09/1984	3	8	14	16	29	40	
4	22/09/1984	7	14	17	25	27	33	
5	29/09/1984	11	16	17	20	22	40	
6	06/10/1984	1	6	16	17	22	34	
7	13/10/1984	2	10	13	15	19	28	
8	20/10/1984	12	20	31	36	39	40	

To delete a line simply clear all the values in the line... LTII ignores blank lines

9. Once you're satisfied with the imported results (or if you spot errors you don't want to manually correct), close the preview window. LTII will verify the results just as if you'd entered them manually, stopping at the first error it finds. If it does find an error, a message identifying the error appears - choose "OK" to continue. You will be asked whether to cancel the import. Choose "Yes" to cancel or "No" to have LTII redisplay the preview window so that you can correct the error.
10. Once LTII verifies that no errors exist in the imported data, it asks whether to add the imported records to its database. Choose "Yes" to add them and complete the import process, or "No" to cancel the import.
11. If you choose "Yes", a progress bar appears as the imported results are added to the LTII database. Finally, a message indicates the number of result records that were imported. Choose "OK" to clear the message.

That's it. At this point your results will appear in LTII.

General instructions for importing from other TEXT files

Ideally, the results to be imported should be in ASCII TEXT format. **If they are in Excel, you should save them as text before attempting to import.**

1. Open the text file with any program that can open TEXT files. You just want to have a look at the contents of the file to find out the following:
 - a. The record/field layout (eg: draw date,draw number,no1,no2, etc.)
 - b. What type of field delimiters are used (the commas in the above example). Field delimiters are usually commas or tabs.
 - c. Whether the first line (record) contains data or headings.
 - d. The date format. Some (European) lottos use a different format (yy/mm/dd or dd/mm/yy).

Here's an example from the California Super Lotto:

```
drawing_date,drawing_nbr,nbr1,nbr2,nbr3,nbr4,nbr5,nbr6,
12/28/96,526,10,14,19,23,25,32,
12/25/96,525,13,23,24,29,30,48,
12/21/96,524,11,14,15,28,29,47,
```

In this example, the first record is a header. NOTE: The commas at the end of each line are not required and your file may not have them.

Once you have this information you're ready to import the file into LTII. Open LTII and do the following:

2. If you haven't done so already, select a lotto in the Lottos window or define a new one which will utilize the imported results. If you define a new lotto, save the definition (see "The New/Edit Lotto window"). It will now appear in the list of lottos.
3. In the Lottos window, select the lotto. The Statistics window will appear.
4. Choose Preferences from the Utilities menu and ensure that the date format selected matches the date format in the text file (see d. above).
5. Choose "Import Results" from the File menu. From the pop-up titled "Import results from file type:", select the type of file you're importing from. In the example above you would select "TEXT - Comma Delimited".
6. Select whether the first record is a Header or Data record. For my example you would choose Header Record.

7. If the file from which you're importing does NOT contain draw numbers, check the "Generate Draw Numbers" box. You can then change the starting draw number to whatever you like. In my example you would not check this box since the file already has draw numbers.
8. Likewise, if your import file does not contain draw dates, check the "Generate Draw Dates" check box. In my example you would not check this box.
9. Click "Continue" and locate and select the import file. LTII displays the "Select Fields to Import" window.
10. Using the information you gathered by looking at your import file's contents (specifically item a. above), select the fields from the left pane (by double-clicking) in the order they appear in the import file. Selected fields will appear in the right pane in the order they are selected. This should match your import file's layout. The "SKIP" options are used for any fields in your import file which you want LTII to ignore. In my example you don't need to use these.
NOTE: Don't worry about any extra fields that may exist to the right of the last field you need to import. LTII will ignore them anyway. An example of this is the jackpot amount - some lotto results files include this type of information. Eg:

```
drawing_date,drawing_nbr,nbr1,nbr2,nbr3,nbr4,nbr5,nbr6,jackpot  
12/28/96,526,10,14,19,23,25,32,25000000
```

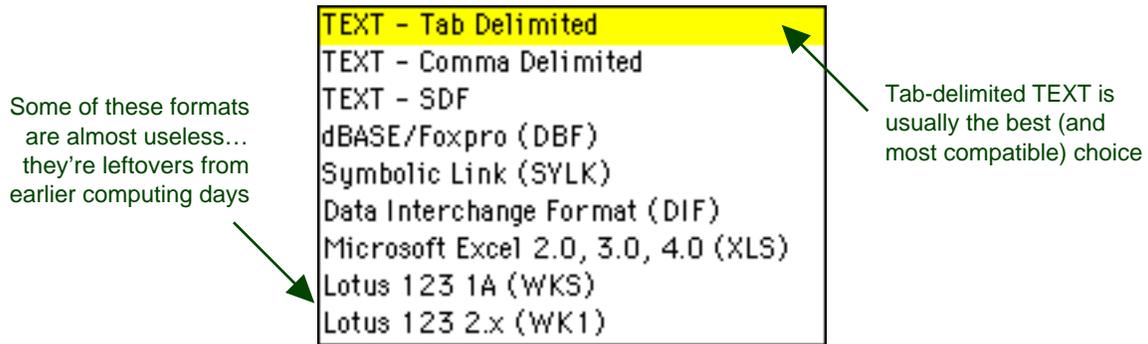
11. Click "OK". LTII will read the import file's contents and provide a preview list of the imported results. You can scroll through this list to verify that the data was imported correctly. At this point you can also change anything in the imported results, although its usually better to re-import the data with the correct specifications chosen.
12. Once you're satisfied with the imported results (or if you spot errors you don't want to manually correct), close the preview window. LTII will verify the results just as if you'd entered them manually, stopping at the first error it finds. If it does find an error, a message identifying the error appears - choose "OK" to continue. You will be asked whether to cancel the import. Choose "Yes" to cancel or "No" to have LTII redisplay the preview window so that you can correct the error.
13. Once LTII verifies that no errors exist in the imported data, it asks whether to add the imported records to its database. Choose "Yes" to add them and complete the import process, or "No" to cancel the import.
14. If you choose "Yes", a progress bar appears as the imported results are added to the LTII database. Finally, a message indicates the number of result records that were imported. Choose "OK" to clear the message.

That's it. At this point your results will appear in LTII.

If you cannot get your results imported, I can do the import for you. You can contact me through any of the methods mentioned at the end of this document.

Exporting Results

LTII lets you export the results for any of its lottos to TEXT and other format files. Exporting results is the exact opposite of importing results... LTII creates a new computer file containing the results in one of the following formats.



1. In the Lottos window, select the lotto for which you wish to export results. The Statistics window will appear.
2. Choose "Export" and "Results" from the File menu.

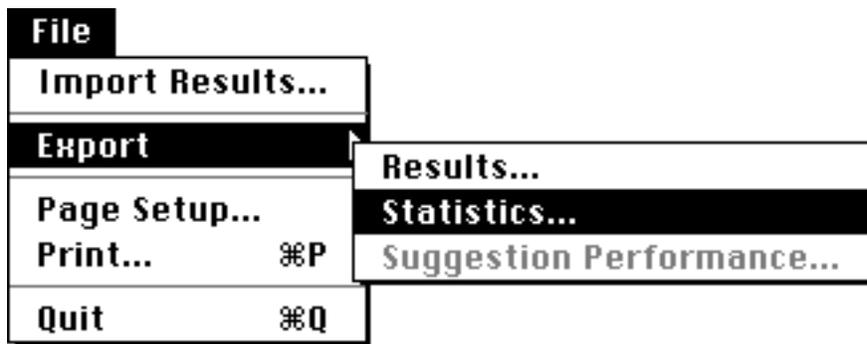


3. Select the file type to export to from the pop-up. The most common type is TEXT - Tab Delimited, which is the easiest format for importing into databases and spreadsheets. Click "Continue".
4. Enter a name for the new file and specify a location to save it. Choose "Save".

Exporting Statistics

You can also export the currently-displayed statistics to TEXT and other format files.

1. In the Lottos window, select the lotto for which you wish to export statistics. The Statistics window will appear.
2. Set the "From" and "To" draw values for the statistics you wish to export and click "Redisplay".
3. Choose "Export" and "Statistics" from the File menu.



3. Select the file type to export to from the pop-up. The most common type is TEXT - Tab Delimited, which is the easiest format for importing into databases and spreadsheets. Click “Continue”.
4. Enter a name for the new file and specify a location to save it. Choose “Save”.

Rebuilding Data Indexes

LTII uses something called an “index” for many of its data files to provide quick access to and sorting of its database. Although these indexes are dynamically maintained, its a good idea to regenerate them from time to time, especially if your computer ever loses power or is switched off while using LTII. This ensures that the indexes are always in sync with the data. If ever you get an error when using LTII, try running this option to see if it fixes the problem.

1. Make sure the Lottos window is active (topmost). The rebuild data indexes menu option is dimmed if any other window is active.
2. Choose “Rebuild Data Indexes” from the Utilities menu. You will be asked to confirm whether or not to proceed.



2. Choose “OK” to continue.

All LTII data indexes will be deleted and rebuilt.

Removing Deletions

When data is deleted in LTII, its database engine marks the record as deleted and you never see it again. However, the space occupied by the deleted record remains on your hard disk. Over time this can amount to wasted hard disk space and can adversely affect LTII’s performance as it skips over these deleted records. You can have LTII remove these deletions by rebuilding its database without them.

1. Make sure the Lottos window is active (topmost). The remove deletions menu option is dimmed if any other window is active.
2. Choose “Remove Deletions” from the Utilities menu. You will be asked to confirm whether or not to proceed.



2. Choose "OK" to continue.

All deleted records in your LTII database will be permanently removed.

Resetting Window Locations

LTII remembers the positions of most of its windows. If you move a window, the next time you open that window it will appear where you last located it. If you ever want to reposition all windows at the centre of your display, choose "Reset Window Locations" from the Utilities menu.

1. Make sure the Lottos window is active (topmost). The reset window locations menu option is dimmed if any other window is active.
2. Choose "Reset Window Locations" from the Utilities menu. You will be asked to confirm whether or not to proceed.



2. Choose "OK" to continue.

The next time you open any LTII window it will appear in the centre of your display.

Registering LTII

Once your registration (and payment) has been received, you'll be sent a "registration key", a special number which you will use the "Register" menu option to enter. You can also click on the "Register" button in the Registration Reminder window to enter your registration key. See "The Registration Reminder window" for details.

Thanks to all of you who have registered your copy of Lotto Tracker II.

Miscellaneous Information

Here are a few additional facts about LTII you might find useful or of interest.

Development platform

LTII was developed entirely in Microsoft FoxPro, version 2.6. No third-party add-ons were used. FoxPro was originally created by some pretty smart people at a company named Fox Software which was subsequently bought out by Microsoft some years ago (what else is new?). It is primarily a business-level relational database application development program based on the dBase model. All versions of LTII are first created on a Mac using FoxPro for Macintosh and then transferred to FoxPro for Windows where all the user-interface elements (screens) and reports are redone. Luckily for me, the program code itself remains almost 100% compatible between the two platforms.

LTII folder/directory structure

All LTII components reside in the LTII folder/directory. These include the application (Mac) or EXE (Win PC), a folder/directory named "Data" and some other stuff. All the lotto information is contained in the "Data" folder/directory. If I ever ask you to e-mail your LTII data folder to fix something for you, that's the one to send (stuffed or zipped, of course).

Bonus numbers, wheels and checking your own numbers

I've got it all planned out in my head (and some of it on paper)... one of these days, a version of LTII will be released with the ability to handle bonus numbers (I think you'll like how I plan to blend this into the current interface) and wheeling. For those of you who don't know what wheeling is all about let's just say that it lets you mix selected numbers up into various combinations which, hopefully, will improve your odds without breaking your wallet. Version 1.6 introduced a much better way to check your own numbers (not necessarily those suggested by LTII).

Additional games and updating results

LTII is designed for you to set up as many lottos as you like (well... 300) and then manually update them after each drawing using the "Enter Results" feature. From time to time I'll add additional games to LTII (usually when I get a request for a particular game not yet included) and every so often I update the odd set of results. You should visit the LTII web page at:

<http://www.ggonsalves.com/lotto.html>

for up-to-date information about the world of LTII, including new version releases and updated results.

Technical Support

If you need technical support please have your LTII serial number and registered name readily available, as I cannot provide assistance without this information. I'll also need:

- A description of your current hardware configuration, including computer model, printer make and model, system version and any other pertinent system information.
- A detailed description of the problem and what you may have done just prior to occurrence of the problem

If you call:

- If possible, be at your computer with all applicable hardware turned on and, if possible, have LTII loaded and ready to test.
- Be prepared to describe your problem in detail. If you have experienced system errors or unexpected quits, please make a note of any messages that may have been displayed.
- Have this manual readily available.

Contact information

You can contact me for by one of the following methods (the preferred method is by e-mail):

by E-mail

- ggonsalves@wow.net

by Fax

- (868) 628-8151

by Phone

- (868) 622-9641

If no one can take your call, you can leave a recorded message with contact information (preferably an Internet e-mail address).

by Mail

- Gordon Gonsalves
110 Saddle Road,
Maraval
Trinidad & Tobago

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