



Carb and Move
Wellness

Carb and Move Wellness

Application for continuous fitness tracking and nutrients control. Lifestyle monitoring suitable for: young, old, active, healthy, with weight problems, susceptible to diabetes and more.

Fitness

- Precise pedometer tracking of physical activities for users of all ages and fitness levels
- Goal setting in terms of: steps, distance, active time or calories
 - Monitoring of steps, distance and duration of walking and running in ten speed ranges

Food

- Extendable Food Library for menu creation starting with over 3600 items
- Food consumption planner to meet calory and carb goals
- Detailed analysis of nutrients consumed in meals including glycemic index and load
 - Carb and calory counting for each meal

Wellness

- Integration of food and exercise monitoring for:
 - Closer weight management
 - Aid in post-meal blood glucose peak and enabling better blood glucose control

WARNING!

Carb and Move [Wellness](#) is a monitoring App. It cannot be used as a substitute for any medication or prescribed medical treatments.

Any decisions regarding exercises and diet are the responsibility of the user. Please consult your doctor regarding the exercise and diet regime that you want to monitor using Carb and Move [Wellness](#) App.

Carb and Move [Wellness](#) App is a purely monitoring device that can guarantee neither expected weight-loss results nor desired improvements in physical exercises performance.

Results obtained while using Carb and Move [Wellness](#) App can vary among users.

Carb and Move [Wellness](#) does not take any responsibility for any type of injuries happening while using Carbs and Move [Wellness](#) App. Please apply caution while exercising and using this app.

Activation

Carb and Move **Wellness** should be activated daily in the morning before registering first activity.

To activate Carb and Move **Wellness** it is enough to open the App at any page (including the main entry).

Once activated Carb and Move **Wellness** runs uninterruptedly in background and foreground.

Mounting

Carb and Move **Wellness** is an App running on Apple iPhones and iPods.

The precision of registered physical activities by Carb and Move **Wellness** App. depends on the mounting of the hosting device (iPhone or iPod) .

It is recommended, that the hosting device is placed in the pocket close to the hips or legs in the upright position.

Walking Through Slides

To reach information about particular section of the tool, click on the **3D convex** field in the screen capture with the name of the location you want to reach

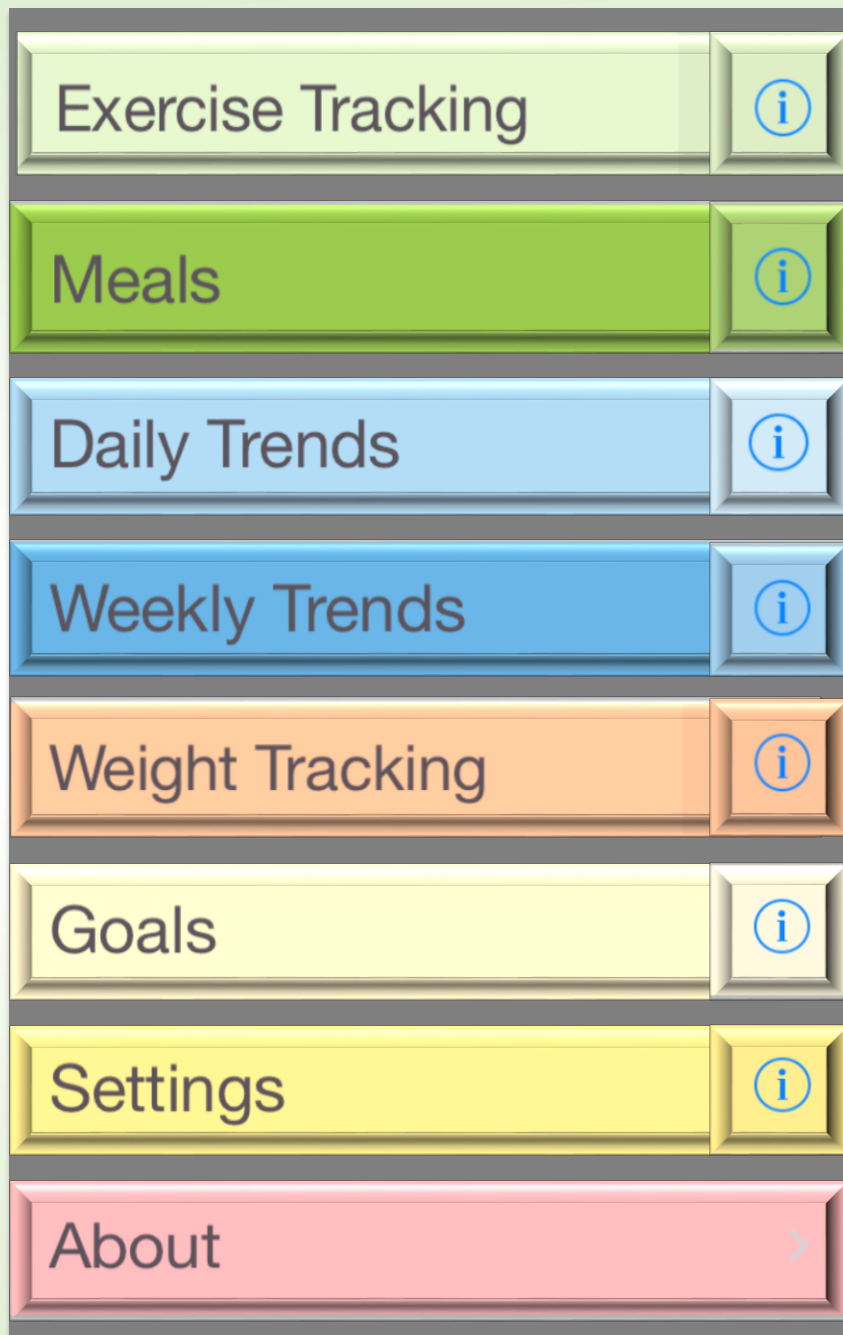
The screenshot shows a mobile app interface for daily exercise tracking. It features a list of four metrics: Calories, Steps, Meters, and Minutes. Each metric has a large numerical value, a unit, and a smaller numerical value. Below the list is a section for 'Daily Exercise Statistics' with three sub-sections: Graph, Numerical, and Intervals. Annotations with arrows point to various elements:

- Link to Daily Exercise Tracking:** Points to the 'Daily Exercise Tracking' header.
- Link to Graph of Daily Exercise Stats:** Points to the 'Graph' button.
- Link to Numerical Data of Daily Exercise Stats:** Points to the 'Numerical' button.
- Link to Daily Exercise Statistics:** Points to the 'Intervals' button.
- No link as field not marked as 3D convex one:** Points to the 'Intervals' button.

Metric	Value	Unit	Secondary Value
Calories	332	Calories	883
Steps	5479	Steps	10277
Meters	3689.3	Meters	8572.0
Minutes	69	Minutes	95

Daily Exercise Statistics

- [Graph](#)
- [Numerical](#)
- [Intervals](#)



Console View

- **Exercise Tracking**: pedometer monitoring of daily exercise progress
- **Meals**: creation and analysis of consumed meals
- **Daily Trends**: visual breakdown of daily food and exercises
- **Weekly Trends**: graphical analysis of weekly food and exercises
- **Weekly Weight-Loss**: reporting of food and exercise from weight-loss perspective
- **Goals**: setting food (calories, carbs), exercise (steps, duration, calories), weight-loss plans
- **Settings**: personal data, measurement units and E-mail addresses
- **Readme**: locations on Facebook and Website with tool instructions

Exercise Tracking: User's Guide

[Back](#)

Exercise Tracking Guide

Exercise Tracking is the main interface to view the *progress in exercises*, set the *short term exercise goals* and relate the *calories intake* with the *expenditure* by exercise.

Current Total Calories Balance

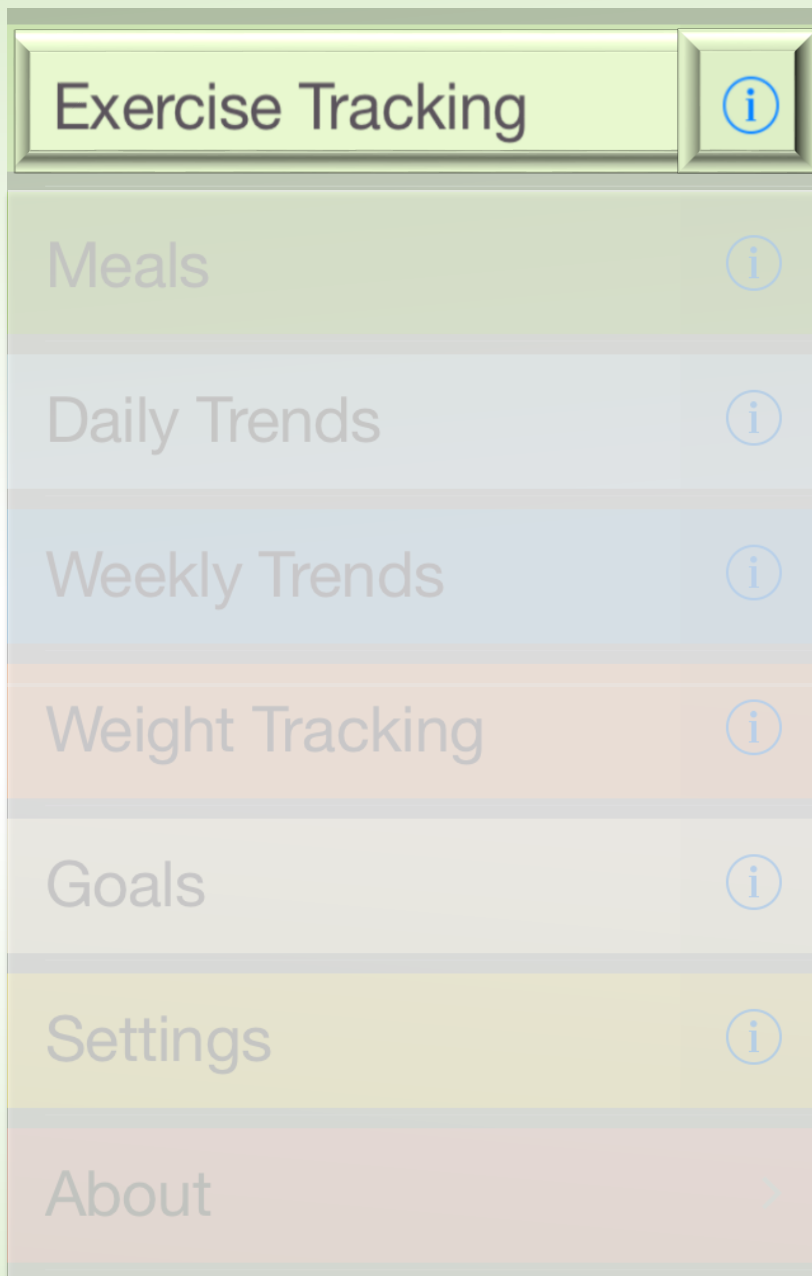
progress bars display *calories consumed* (Food data imported from Meals entry), *calories expended* (Exercise and Metabolism) and *Daily Calories Balance*. All three bars are contrasted with *goals* set in Goals entry.

Daily Exercise Tracking is a graphical summary of a pedometer report of total exercise: *calories*, *steps*, *distance* and *active minutes*. All four graphs show the progress towards *exercise goals* set by user in Goals.

Daily Exercise Statistics is a detailed reporting of daily exercises in form of: *Graph* (time-continuous display of *steps*, *calories* and *distance* of exercises), *Numerical* (summary of *minutes*, *steps* and *calories* of walking and running in 10 speed ranks), and *Interval data* (summary of *steps*, *calories*, *average speed* and *active minutes* in *user-specified time interval*). Distance and speeds of exercise are reported in units chosen in Settings.

Short Term Goal button opens up a view for setting and tracking *short-term exercise goals*. Starting of the exercise includes a 5-second preparation countdown. The exercise routine can be optionally accompanied with *music* played in the *background*. A *complete profile* of the exercise is given in the *Exercise Report* inside the Short Term Goal view. Regardless of short term goal settings, *steps*, *calories*, *distance* and *duration* of the *short term exercise* are always *daily activities report* in the main Exercise Tracking view.

Carb and Move takes no responsibility for any injuries during the exercise.



Exercise Tracking

- Three types of daily activity monitoring

Daily Caloric Balances Graph

- Display of:
 - Calories consumed (*food*)
 - Calories expended (*metabolism and exercise*)
 - Energy balance (*Calories consumed – Calories expended*)

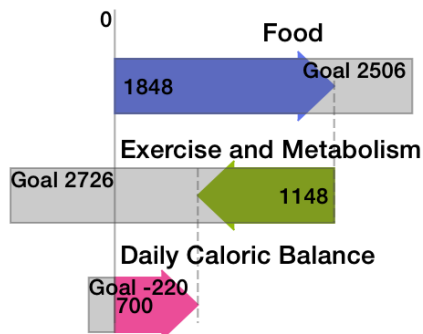
Physical Activities Progress Bars

- Calories expended in exercises
- Steps
- Distance (meters or miles)
- Active minutes

All displays reset at midnight

[Back](#)[Short Term Goal](#)

Current Total Calories Balance



Explanation

Daily Exercise Tracking [Refresh](#)

332 Calories 883

5479 Steps 10277

3689.3 Meters 8572.0

69 Minutes 95

Daily Exercise Statistics

[Graph](#)[Numerical](#)[Intervals](#)

Exercise Tracking: View of Pedometer View During Daily Activities

- Two sections

Current Total Calories Balance

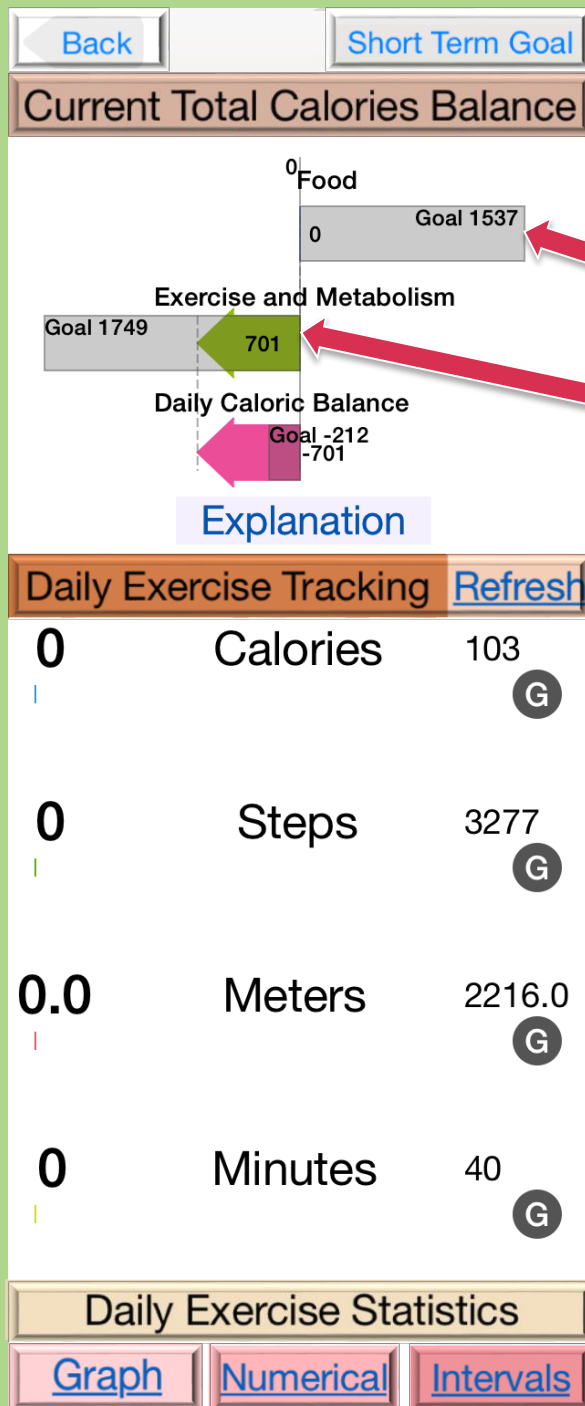
- Visualization of balance between consumed and expended calories

Daily Exercise Tracking

- Pedometer readings displaying in real-time:
 - Exercise Calories
 - Steps
 - Distance
 - Active minutes

Daily Exercise Statistics

- Link to detailed graphical and numerical analysis of physical activities



Exercise Tracking: Pedometer View - Beginning of the Day

Current Calories Balance Graph Updates

- **Food calories** updated upon entering by user
 - No food calories recorded yet
- **Calories expended**
 - Exercise calories updated by pedometer
 - Metabolic rate calories refreshed automatically every minute in 24h cycle
 - Counting of metabolism calories starts at midnight
 - 701 calories (green arrow) represent Metabolic calories only

Daily Exercise Tracking

- Movement data determined by pedometer
- Updated automatically and by pressing Refresh button

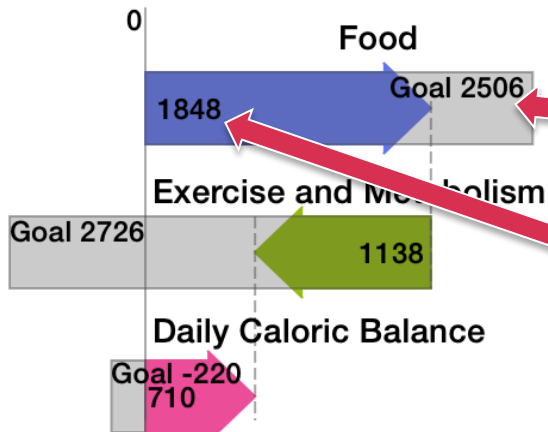
Page View Reset

- Display reset at midnight

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Short Term Goal

Current Total Calories Balance



Explanation

Exercise Tracking: Current Total Calories Balance - Food (Blue Arrow)

- Daily calories consumption

Goal: Grey Rectangle

- Set in Goals (6th entry in Console View)

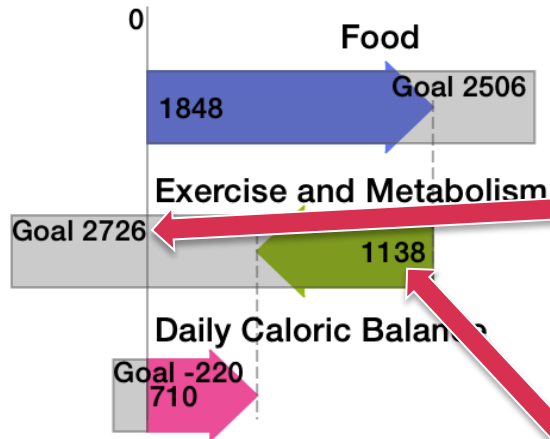
Progress Bar: Blue Arrow

- Display of cumulative daily consumption tracking
- Indicated calories are derived from meals
 - Recorded in Meal (2nd entry in Console View)
- If no food entered, then no blue food arrow bar appears on display
- Direction of growth of blue food arrow bar: from **left to right**

Back

Short Term Goal

Current Total Calories Balance



Explanation

Exercise Tracking: Current Total Calories Balance - Exercise and Metabolism (Green Arrow)

- Daily calories expenditure

Goal: Grey Rectangle

- Two contributing factors in goal allotting:
 - Goal for total daily exercise calories
 - Set by user (6th entrance in Console)
 - Daily metabolism calories
 - Calculated automatically based on user's personal data (7th entrance in Console View)

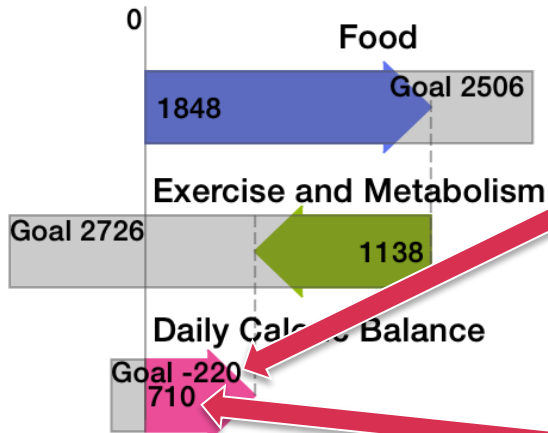
Progress Bar: Green Arrow

- Green progress bar derived as sum of Exercise and Metabolism Calories
 - Exercise calories provided by pedometer
 - Metabolism calories calculated automatically
- Direction of arrow bar growth: from **right to left**

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Short Term Goal

Current Total Calories Balance



Explanation

Exercise Tracking: Current Total Calories Balance – Daily Caloric Balance (Pink Arrow)

Goal: Grey Rectangle

- Daily weight-loss balance:
 - Set in Goals (6th entrance in Console)

Progress Bar (Pink Arrow)

- Arrow direction:
 - **Left to right**: Weight Gain
 - **Right to left**: Weight Loss
- Numeric value increases and decreases several times during the day reflecting changes in food, exercises and metabolism calories

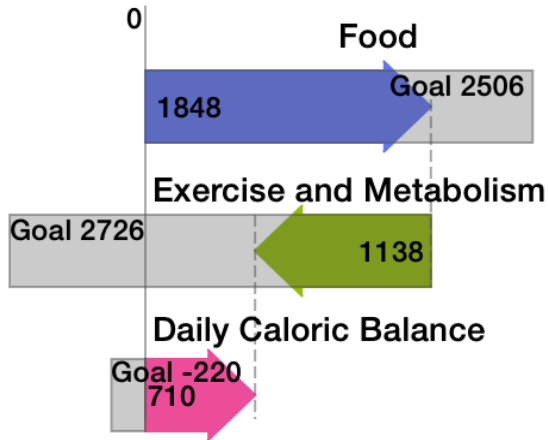
Daily Caloric Balance = Consumed Calories – Expended Calories

- Consumed calories (Food)
- Expended Calories (Exercise + Metabolism)
- Negative Balance: Weight Loss
- Positive Balance: Weight Gain

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Short Term Goal

Current Total Calories Balance

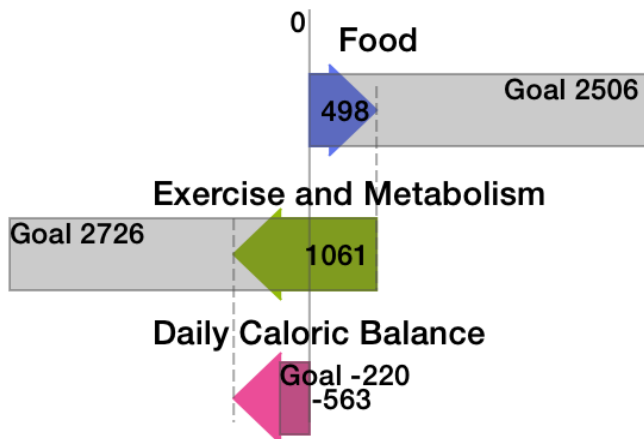


Exercise Tracking: Positive and Negative Caloric Balance

Positive Caloric Balance

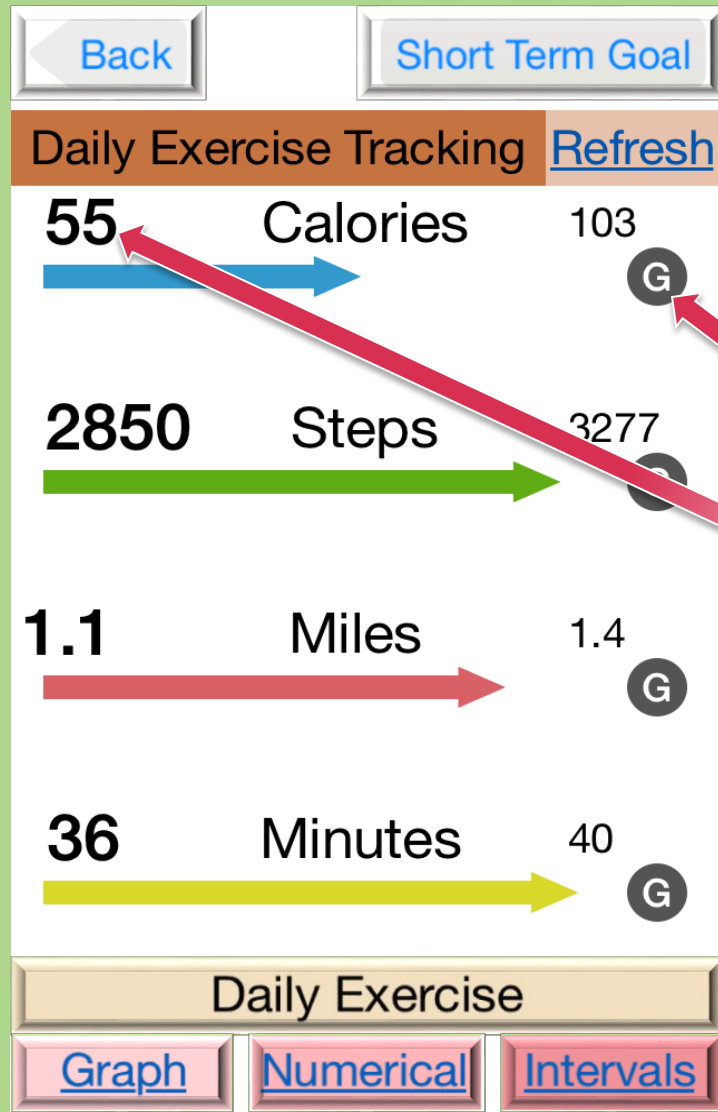
- Calories consumed surpasses calories exorted
- Daily Caloric Balance arrow is **positive** pointing from **left to right**

Current Total Calories Balance



Negative Caloric Balance

- Calories exerted surpasses calories consumed
- Daily Caloric Balance arrow is in **negative** pointing from **right to left**



Exercise Tracking: Daily Exercise Tracking

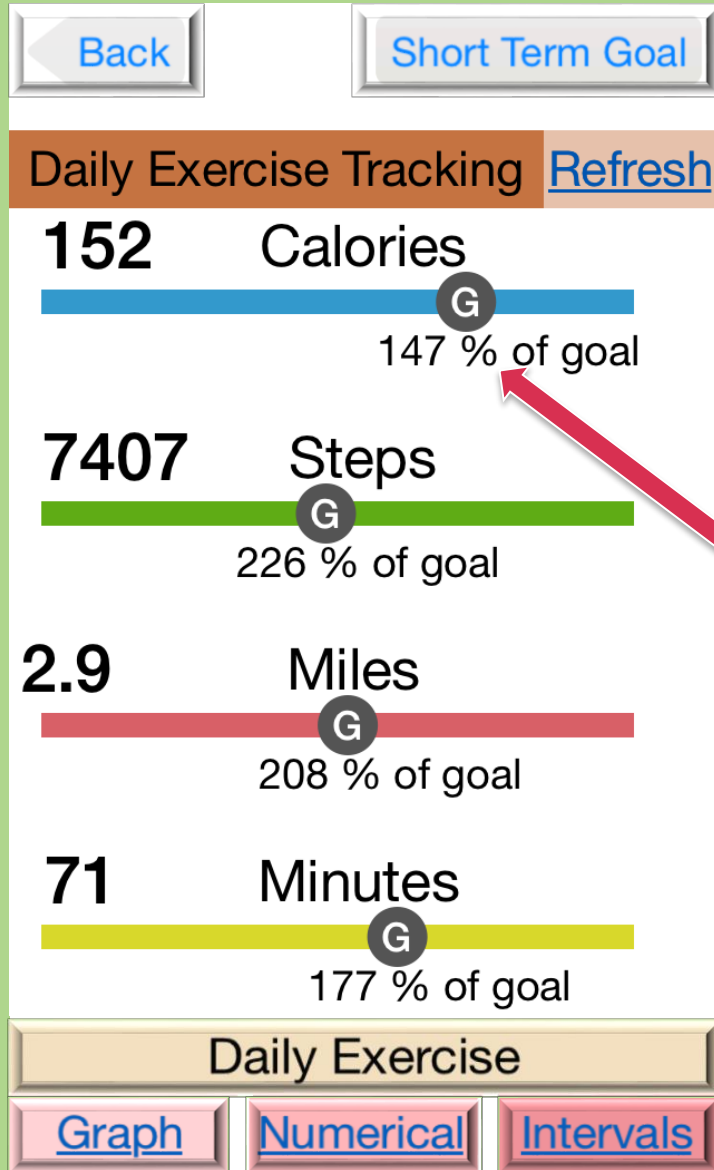
- Goals in Progress

Progress Tracking

- Monitoring of physical activity: calories, steps, distance and active minutes
- Current readings display data from pedometer
 - Numbers in right column above G circle: Goals set in (6th entry in Console View)
 - Numbers in left column: Current values of tracked features

Display

- Distance reported in miles or kilometers
 - Units chosen in Settings (7th entrance in Console View)
- Bars and numbers in left column reset at midnight
- Goals (numbers in right column) retained



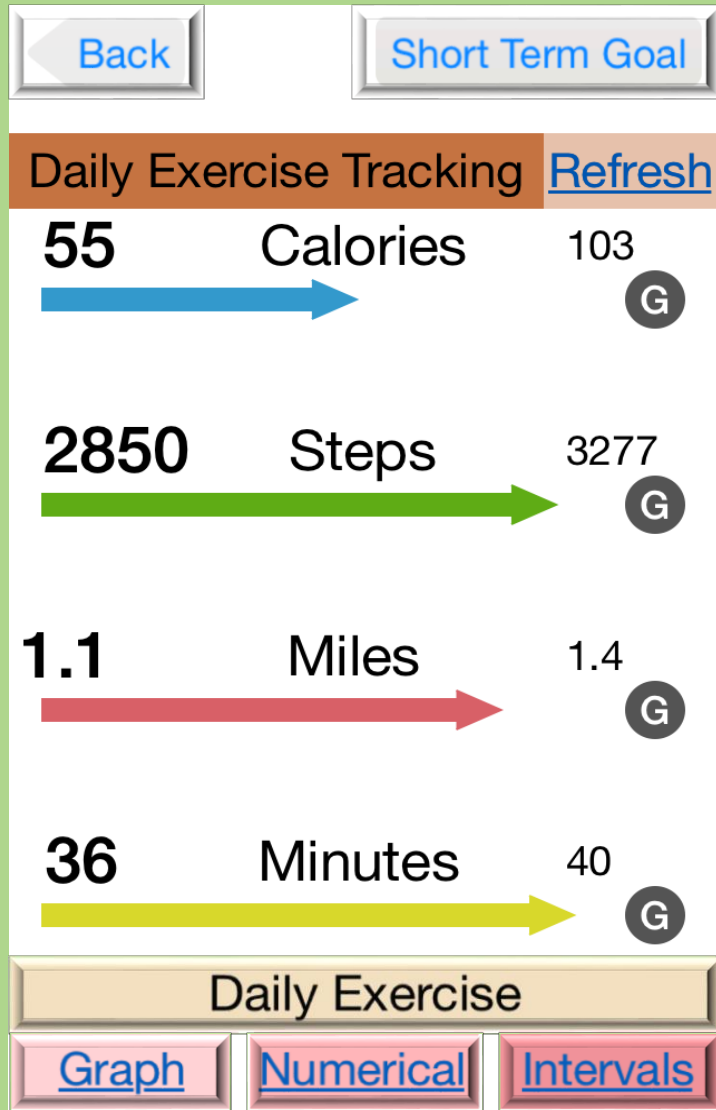
Exercise Tracking: Daily Exercise Tracking - Reaching and Exceeding Goals

Numbers

- Numbers in the left columns continuously updated with the progress of exercises

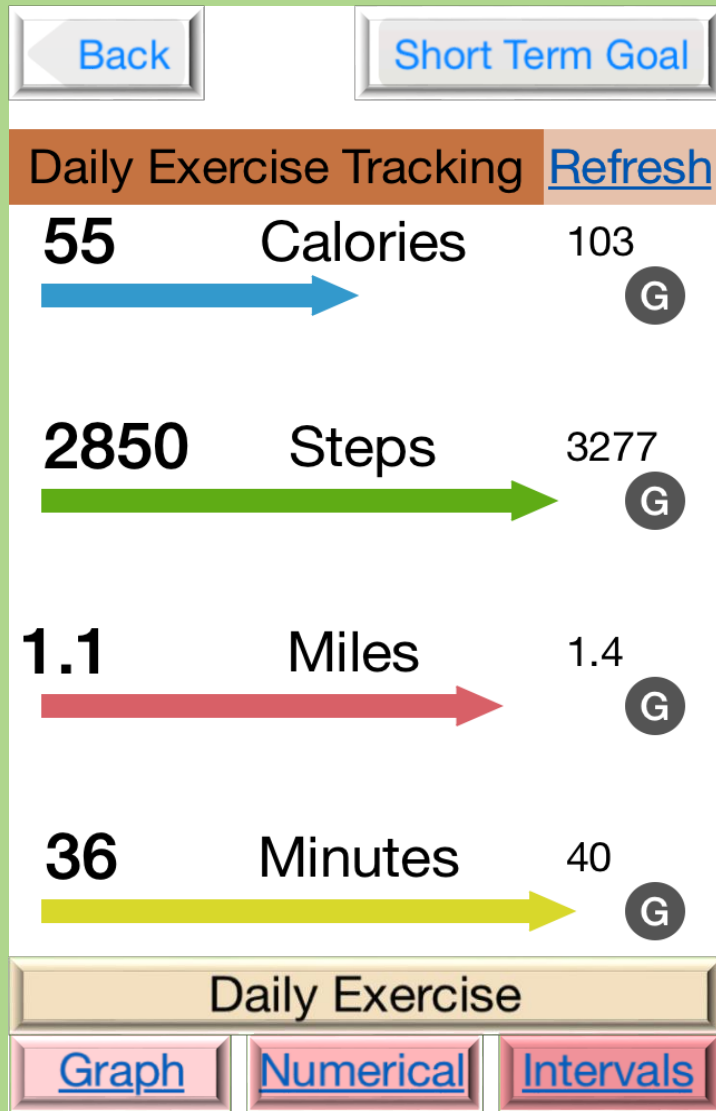
Progress Bars

- Upon reaching the goal, G circles slide on progress bar from left to right
 - Location of G circle on the bar indicates how much the goal is exceeded
- Numerical value of the goal is replaced by surpassed goal percentage



Exercise Tracking: Daily Exercise Tracking - Refresh Button

- Automatically updated every 10 minutes
- Refresh button for immediate pedometer update



Exercise Tracking: Reading Pedometer for Step and Distance Goals

Exercise Goals: Steps or Duration

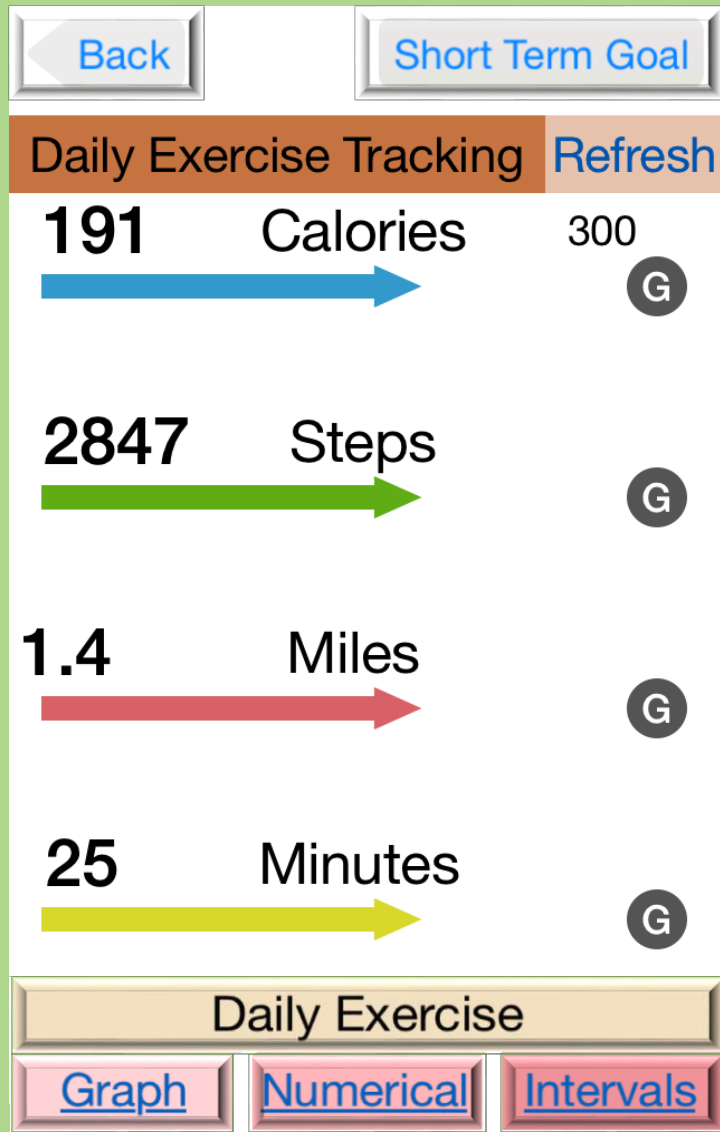
- Steps or duration goals include specifying step count or duration of walking or running with 10 speeds accounted by pedometer

Setting Steps or Duration Goals

- User determines step count or duration goal to be executed with up to 10 speeds of walking or running
 - Set in Goals (6th entry in Console View)

Note

- If step or goals executed with speeds different than goal setting, then calories arrow bar will not be aligned with steps, distance and duration arrows



Exercise Tracking: Reading Pedometer for Calories Goal

Exercise Goals

- Exercise calory goal specifies the overall calories count to be exerted during exercises
 - Neither total step count nor exercise duration can be automatically derived

Graphs Tracing Goals

- No goal numbers can be specified in Steps, Distance and Duration bar graphs
- All goal arrows progressing with the same pace on the graph

Daily Exercise Statistics

[Graph](#)

[Numerical](#)

[Intervals](#)

Exercise Tracking: Daily Exercise Statistics

- Detailed chronological analysis of daily physical activities from midnight until present

Bar Graph

- Chronological display of steps, calories and distance

Numerical

- Presentation of steps, calories distance and active minutes in 10 speed ranges

Interval

- Reporting of steps, calories, distance and average speed of physical activity in the user-specified time interval

Exercise Tracking: Daily Exercise Statistics - Graph

Bar Graphs

- Displays of steps, calories and distance
- Graphs zeroed at midnight
- Time of first user's physical activity of the day being the starting point of the graph
- Distance displayed in miles or meters depending on units specified in Settings (7th entry in Console View)

Updates

- Steps, calories and distance are updated every 15 min
 - Numerical values are placed over bars in the graphs

Exercise Tracking: Daily Exercise Statistics - Graph





Exercise: Sep-10-2014 [E-mail](#)

Steps: 8902 Avg Speed: 5.6

Calories: 532 Time [min]: 69

Walk

	km/h	min	steps	cals
Very Slow:	2.0	15	959	71
Slow:	3.5	16	1828	59
Regular:	5.0	6	838	30
Fast:	6.5	4	715	73

Run

Very Slow:	8.0	6	983	62
Slow:	9.5	14	2612	194
Regular:	11.0	4	949	42
Accelerated:	12.5	0	0	0
Fast:	14.0	0	0	0
Very Fast:	16.0	0	18	0

[Previous](#)

Exercise Tracking: Daily Exercise Statistics – Numerical: Metric Speed Scale

Metric Scale

- Speed ranges in km/h:
 - 2.0, 3.5, 5.0, 6.5, 8.0, 9.5, 11.0, 12.5, 14.0 and 16.0

Setting

- Reported speed ranges correspond to speeds set in Goals (6th entry in Console View)

[< Back](#)
Exercise: Sep-10-2014
[E-mail](#)

Steps: 8894 **Avg Speed:** 3.5
Calories: 532 **Time [min]:** 69

Walk

	mph	min	steps	cals
Very Slow:	1	14	950	71
Slow:	2	16	1829	59
Regular:	3	6	837	30
Fast:	4	4	715	73

Run

Very Slow:	5	6	983	62
Slow:	6	14	2613	194
Regular:	7	4	949	42
Accelerated:	8	0	0	0
Fast:	9	0	0	0
Very Fast:	10	0	18	0

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Exercise Tracking: Daily Exercise Statistics – Numerical: Imperial Speed Scale

Imperial Units Scale

- Speed ranges in mph:

- 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10

Setting

- Reported speed ranges correspond to speeds set in Goals (6th entry in Console View)

Previous Button

- Previous Button rings the summary of the exercises in the previous days

Cancel

Daily Exercise

Send

To: e-mail address

Cc/Bcc:

Subject: Daily Exercise

Attached is your daily report

Fri, Jan-23

Steps:	8	Avg Speed:	1.5
Calories:	0	Time [min]:	0

Walk

	mph	min	steps	cals
Very Slow:	1	0	1	0
Slow:	2	0	7	0
Regular:	3	0	0	0

Exercise Tracking: Daily Exercise Statistics - Numerical

- Summary of daily physical activities

E-mail

- Upon pressing E-mail Button the e-mail formatted contents will appear
- Screen shot of the view will be sent to the address set in Settings (7th entry in Console View)
- E-mail sent by pressing **Sent Button**
 - **Sent Button** replaces **E-mail Button** in the view



Exercise: Jun-22-2015

[E-mail](#)

Steps: 7151 Avg Speed: 4.3

Calories: 541 Time [min]: 81

Tue, Jun-23

Steps: 943 Avg Speed: 5.5

Calories: 81 Time [min]: 9

Wed, Jun-24

Steps: 3280 Avg Speed: 6.7

Calories: 303 Time [min]: 27

Thu, Jun-25

Steps: 37652 Avg Speed: 4.0

Calories: 2483 Time [min]: 392

Fri, Jun-26

Steps: 12832 Avg Speed: 4.2

Calories: 868 Time [min]: 132

Previous

Next

Exercise Tracking: Daily Exercise Statistics

– Numerical: Summary of Previous Days Activities

Display

- Short summary of up to one week of activities
- Displayed:
 - Total daily: step count, calories, average speed and active minutes

Previous and Next Buttons

- Previous Button
 - Adds the summary for the day preceding the earliest day displayed
- Next Button
 - Removes display of the earliest day

E-mail Button

- E-mailing the current screen shot of this page to the address set in Settings (7th entry in Console View)



Feb-14-2015

E-mail

Enter Start Time of Active Interval:

Enter End Time of Exercise Interval:

Exercise Report for Interval

Steps:

Calories:

Avg Speed:

Active Minutes:

Exercise Tracking: Daily Exercise Statistics – Intervals

Summary of physical activity in user-selected **time interval** of the current day

Report

Reporting of :

- Total step count
- Calories expended
- Average speed
- Active minutes

E-mail Button

- By pressing E-mail button the screen capture of the page will be sent to recipients selected in Settings (7th entry in Console View)



Feb-14-2015

E-mail

Enter Start Time of Active Interval:

Enter End Time of Exercise Interval:

Exercise Report for Interval

Done

9	39	
10	40	
11	41	
12	42	AM
1	43	PM
2	44	
3	45	

Exercise Tracking: Daily Exercise Statistics – Intervals: Entering Data

Time Intervals

- Beginning and end of the interval is entered by tapping on highlighted fields

Time Picker

- Time picker will occur in the window allowing the user to select the start and end times of the interval

< Back Feb-14-2015 E-mail

Enter Start Time of Active Interval:

10:43

Enter End Time of Exercise Interval:

09:20

Exercise Report for Interval

Steps:	0
Calories:	0
A	0

End time should be after start time

OK

Exercise Tracking: Daily Exercise Statistics – Intervals: Error in Time Specification

Start Time

- **Start time** must not be earlier than the end time

End Time

- **End time** should not be latter than current time

Warning Message

- Error will appear upon improper entering of times



Feb-14-2015

[E-mail](#)

Enter Start Time of Active Interval:

08:52

Enter End Time of Exercise Interval:

13:50

Exercise Report for Interval

Steps:	809
--------	-----

Calories:	66
-----------	----

Avg Speed:	7.2 km/h
------------	----------

Active Minutes:	6
-----------------	---

Exercise Tracking: Daily Exercise Statistics – Intervals: Example



Exercise Session

Goal Setting

Show

Exercise Report

Show

No Goals Set!

Start

Not Tracking Goal

Exercise Tracking: Short-Term Exercise Session

- Real-time monitoring of singular exercise event

Goal Setting

- Goals must be set before the session begins
- Three types of goal settings:
 - Steps
 - Distance
 - Calories

Exercise Reporting

- Tracking of: steps, calories, distance and active minutes in short-term goal execution
- Daily exercise monitoring
 - Short Term Exercise data added to daily activity reporting

Back

Exercise Session

Goal Setting

Hide

Steps

Duration

Calories

Steps:

10000

Type and Speed of Exercise

Walk

Run

Mix

Unspecified

Confirm, No Music

Confirm, Play Music

Exercise Tracking: Short-Term Exercise Session: Steps Goal

Setting Steps Goal

- Select **Steps** option in segment selector
- Enter number of steps in green text field right to the text *Steps*:
- Select the type of exercise:
 - Walk, Run or Mix
 - Speed of Walk:
 - Unspecified, very slow, slow, regular, fast
 - Speed of Run:
 - Unspecified, very slow, slow, regular, accelerated, fast, very fast
- Steps executed reported after every 100 steps

Goal Confirmation

- Confirm, No Music
 - Goal is confirmed and executed without music in the background
- Confirm, Play Music
 - Goal is confirmed and played with the next song from user's library

Exercise Tracking: Short-Term Exercise Session: Duration Goal

Setting Duration Goal

- Select **Duration** option in segment selector
- Enter duration of exercise (in minutes) in green text field right to the text *Steps*:
- Select the type of exercise:
 - Walk, Run or Mix
 - Speed of Walk:
 - Unspecified, very slow, slow, regular, fast
 - Speed of Run:
 - Unspecified, very slow, slow, regular, accelerated, fast, very fast
- Steps executed reported after every 100 steps

Goal Confirmation

- Confirm, No Music
 - Goal is confirmed and executed without music background
- Confirm, Play Music
 - Goal is confirmed and executed with music from user's library

Back

Exercise Session

Goal Setting

Hide

Steps

Duration

Calories

Duration [min]:

60

Type and Speed of Exercise

Walk

Run

Mix

Unspecified

Very Slow

Slow

Regular

Confirm, No Music

Confirm, Play Music

Back

Exercise Session

Goal Setting

Hide

Steps

Duration

Calories

Calories:

250

Type and Speed of Exercise

Confirm, No Music

Confirm, Play Music

Exercise Tracking: Short-Term Exercise Session: Calories Goal

Setting Calories Goal

- Select **Calories** option in segment selector
- Enter exercise calories by clicking on the highlighted field in the *green Calories belt*
- Calories Goal does not require setting exercise type and speed
- Short Term Goal achieved when exercise calories are reached
- Steps executed reported after every 100 steps

Goal Confirmation

- Confirm, No Music
 - Goal is confirmed and executed without music background
- Confirm, Play Music
 - Goal is confirmed and executed with music from user's library



Exercise Session

Goal Setting

Hide

Exercise Report

Show

Goals Set - 5 sec. to Start

Start

5 Sec. Warmup

Exercise Tracking: Short Term Exercise Session: Starting the Exercise

Steps to Monitor Short-Term Exercise

- Set goals by entering Goal Setting option (button *Show* in pink belt Goal Setting)
- Press Start (orange button)
 - 5 seconds warm-up countdown begins
 - Flashing red number counts down from 5 to 0 at the bottom of the screen



Exercise Session

Goal Setting

Hide

Exercise Report

Show

Goals Set - Ready to Start

Stop

Pause

Goal Not Reached

Go!

Exercise Tracking: Short Term Exercise Session: Exercise in Progress

- Pedometer monitors exercise progress

Stop Button

- Exercise monitoring is **terminated**
- Exercise progress given in Exercise Report
- Report on Green belt changes to **Exercise Finished**

[< Back](#) Exercise Session

Goal Setting

Hide

Exercise Report

Show

Goals Set - Ready to Start

Stop

Pause

Goal Not Reached

Go!

Exercise Tracking: Short Term Exercise Session: Pausing the Exercise

Pause Button

- Suspension of exercise session
 - Time progression and steps during pause are not added to Exercise Report for Short-Term Exercise Session
 - Steps, active time and calories of activities during Pause are added to Daily Physical Activity report on Main Pedometer Page

Resume Button

- During pause, **Resume** button replaces **Pause** button
- Reactivates exercise tracing



Exercise Session

Goal Setting

Show

Exercise Report

Hide

Goal Status: Completed!

Steps: 5279 Avg Speed: 6.2

Calories: 454 Time [min]: 46

	km/h	min	steps
Walk: Very Slow	2.0	0	0
Walk: Slow	3.5	11	827
Walk: Regular	5.0	5	648
Walk: Fast	6.5	17	2168
Run: Very Slow	8.0	11	1608
Run: Slow	9.5	0	28
Run: Regular	11.0	0	0
Run: Accelerated	12.5	0	0
Run: Fast	14.0	0	0
Run: Very Fast	16	0	0

Exercise Tracking: Short Term Exercise Session: Exercise Report

Goal Status

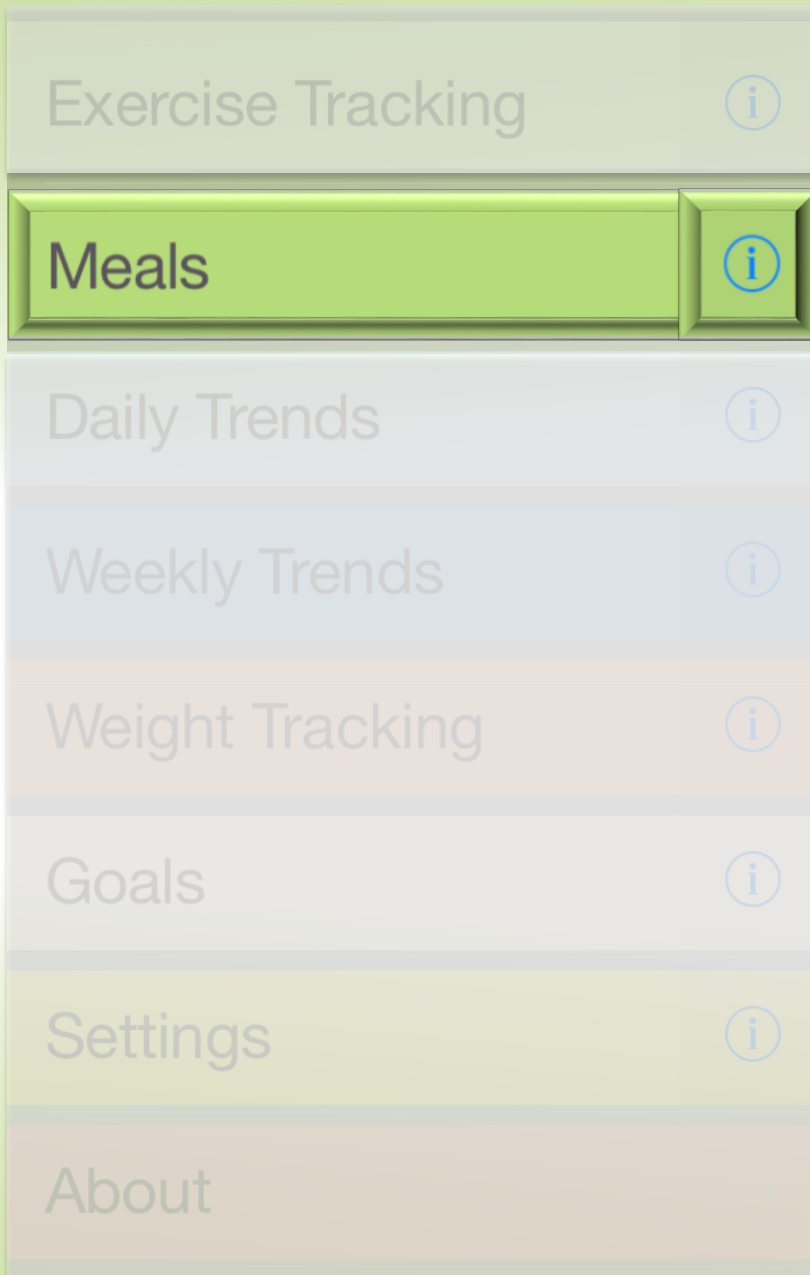
- In Progress (displayed during exercise)
- Not Completed (goal not reached when Stop button pressed)
- Completed (goal achieved when Stop button pressed)

Exercise Summary

- Total steps, calories, average speed and active time
- Detailed Summary of Exercise
 - Total steps and active minutes for ten speeds and two types of movement (walk and run)
 - Active speeds are highlighted in red for easier reading

Main Pedometer Page

- All readings from this page are automatically included in Main Pedometer Page



Meals

- Entry for tracking food intakes in daily meals

Food Library

- Library of over 3600 food items
 - Comprehensive nutritious information augmented with glycemic index and load

Nutrients Analysis

- Nutrients of each meal analyzed and presented in numerical and graph forms

Food Impact on Post-Meal Blood Glucose Level

- Blood glucose profile aimed to help reducing the peak of post-meal blood glucose through exercises
 - Provided for each food item and complete meals

Meals: User's Guide

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Meals Guide

Meals facilitates checking nutrients and managing daily food. *Select* button invokes the creation of a meal menu meeting calories and carbs goals set in *Goals*. With *Food Check* the user can check the nutrients of the over 5000 food items from the in-built *Food Library*.

Select button first points to the review of meal goals: *Original Meal Goals* are shown by the carbs and calories progress bars. *Bonus Calories* adjusts the Original Meal Goal by considering the excess of calories consumed already (Original Meal Goal calories reduction) or exercise above the daily goal (Original Meal Goal calories increase). *Food Search* button launches food selection.

Meal is created by items from the Food Library or by adding new items (option *Add Item*). *Add to Meal* button in top right corner of *Food Item* view includes the item in the given meal. The items already selected are shown using *Menu* button.

Food Item view shows the nutrients and cumulative calories and carbs of the meal. Cumulative *carbs* of the meal can be reported with or without *fiber* depending on user's preferences selected in *Settings*. Amount of food can be selected by *weight*, *carbs*, *calories*, or by *serving size* (if applicable). *Calories Impact* reports the exercise needed to expend the total calories of the food item. *Carb Impact* gives examples of exercises to lower the post-meal blood glucose peak.

Meal Summary lists a complete meal *Nutrients*, and the *Calories* and *Carb Impact* of the meal. Depending on the user *Settings*, carb counting can *include or exclude fiber*. A food item can be *removed* by sliding it off a *List of Meal Items*. Meal calories are tracked in *Food and Total Calories Balance* indicators in *Exercise Tracking*.

Console: Sep 17 2014

Exercise Tracking >

Meals >

Daily Trends >

Weekly Trends >

Cancel

Food Check

Select

Breakfast

Morning Snack

Lunch

Afternoon Snack

Dinner

Extra Meal

Meals: Options

Meal Picker

- Upon tapping Meals entry in Console the picker for meal select appears on the screen
- User selects the type of meal

Select

- Launch of meal creation

Food Check

- Nutrients check of a food item from Food Library without launching meal creation

Cancel

- Brings back Console Vies

Original Meal Goals

Carbs:

27

Calories:

556

Already Consumed

Daily Total Goal

1848

Calories

2781

G

105

Carbs

137

G

Bonus Calories

from Above-Goal Exercise and Mismatch in Previous Meal Goals

Bonus Calories:

237

Revised Calories Goal

New Meal Calories:

793

Meals: Calories and Carbs Goals

Original Meal Goals

- Review of Calories and Carbs goals for the given meal set in Goals (6th entry in Console)
- Progress bars of daily consumption of calories and carbs

Bonus Meal Calories

- Verification and update of meal Calories goal based on food consumed so far in the day and exercise
- Calories allowed for this meal can be modified if the user:
 - Exceeded/undertaken Calories goals of any of previous meals
 - Exceeded Daily Exercise Goal

[Back](#)

Dinner

[Food Search](#)

Original Meal Goals

Carbs: 27

Calories: 556

Already Consumed Daily Total Goal

1848 Calories

2781

G

105 Carbs

137

G

Meals: Select Meal

Original Meal Goals – Progress Bars

- Numbers in left column
 - Total calories and carbs consumed so far in other meals of the day
- Numbers in right column
 - Daily Total Goals for carbs and calories selected in Goals (6th entry , Console)
- Bars
 - Progress in calories and carbs consumption relative to the goals

[Back](#) [Food Search](#)

Bonus Calories

from Above-Goal Exercise and
Mismatch in Previous Meal Goals

Bonus Calories: 237

Revised Calories Goal

New Meal Calories: 793



Meals: Goal Adjustment

Bonus Meal Calories

- Proposed adjustment of Meal Calories Goal based on food consumed in previous meals and exercise

Extension of Meal Calories

- Extra calories added if:
 - Calories consumed in previous meals fallen behind respective meal goals
 - Exercise goal for the day exceeded

Reduction of Meal Calories

- Calories subtracted if:
 - Calories consumed in previous meals exceeded respective meal goals

Aim of Bonus Meal Calories

- To help achieving **Daily Caloric Balance** at the end of the day

Bonus Calories

from Above-Goal Exercise and
Mismatch in Previous Meal Goals

Bonus Calories: -123

Revised Calories Goal

New Meal Calories: 552



Console

Add Item

Meal

Cancel

Abalone fish mollusks cooked fried

Calories: 189, Carbs: 11 (per 100 grams)

Acerola west indian cherry raw

Calories: 32, Carbs: 8 (per 100 grams)

Agave cooked

Calories: 135, Carbs: 32 (per 100 grams)

Agave dried

Calories: 341, Carbs: 82 (per 100 grams)

Agave raw

Calories: 68, Carbs: 16 (per 100 grams)

Alcohol beer

Calories: 43, Carbs: 4 (per 100 grams)

Alcohol beer light

Calories: 29, Carbs: 2 (per 100 grams)

Meals: Food Search/Food Check Food Library

Food Items from Library

- **Food Library:** list of food items with summary of calories and carbs per indicated serving
- Over 5000 food items in Food Library
- Food items categories:
 - Bakery, breads, beverages, cakes, cereals, cold-cut meats, cookies and crackers, dairy, eggs, fats, fish, fruits, grains, meats, nuts and seeds, pasta, vegetables, yogurts and ice creams
 - Cafes and diners: Dunkin's Donut, Starbucks, Domino Pizza, Pizza Hut, Burger King and McDonald's

Console

Add Item

Meal

Q Food Item

Cancel

Abalone fish mollusks cooked fried

Calories: 189, Carbs: 11 (per 100 grams)

Acerola west indian cherry raw

Calories: 32, Carbs: 8 (per 100 grams)

Agave cooked

Calories: 135, Carbs: 32 (per 100 grams)

Agave dried

Calories: 341, Carbs: 82 (per 100 grams)

Agave raw

Calories: 68, Carbs: 16 (per 100 grams)

Alcohol beer

Calories: 43, Carbs: 4 (per 100 grams)

Alcohol beer light

Calories: 29, Carbs: 2 (per 100 grams)

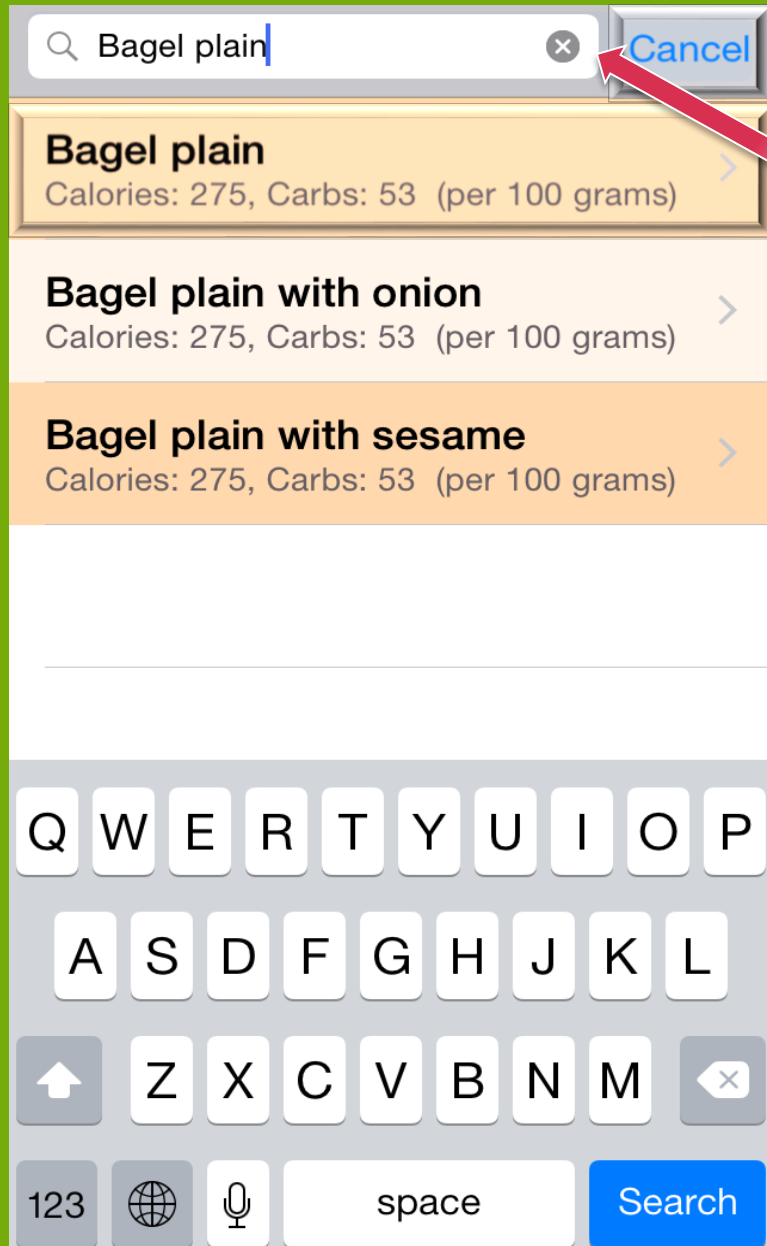
Meals: Food Search/Food Check Food Library

Add Food Item to Library

- Food items not listed in the library can be added to the food library by pressing **Add Item** Button at the top of the page

Meal Button

- By pressing Meal Button the user is prompted to the list of current menu



Meals: Searching Item in Food Library

Library Search


- Searching in Food library done by either:
 - Scrolling the screen
 - Using search navigator at the top of the page

Food Item Not Found

- Search is terminated by pressing Cancel button

Food Item Found

- User can proceed with checking nutrients of food item by tapping on the name of food item


Save

Item Name

Item Category

Weight of Item [g]:

Serving Size Description na

Calories:

Total Fat [g]:

Cholesterol [mg]:

Sodium [mg]:

Carbs [g]:

Fiber [g]

Proteins [g]:

Glycemic Load:

Numerical

Level

Glycemic Index:

Numerical

Level

Meals: Add Item

- Tap on marked fields to fill blanks with the data
- Press **Save** button (top right corner) – item will be added to Food Library
- Press Return Button to retreat to Food Search

Item Category

Weight of Item [g]:

Serving Size Description na

Calories:

Cancel

Done

Q W E R T Y U I O P

A S D F G H J K L

↑ Z X C V B N M ↵

123 ⌐ 🎤 space return

Food Item

Add to Meal

Amount Taken:

100

Units:

100 g

	Amount Taken	Available
Calories	275	556
Carbs [g]	51	27
Fat [g]	2	
Cholesterol [mg]	0	
Sodium [mg]	534	
Carbs (Fiber Included) [g]	53	
Fiber [g]	2	
Proteins [g]	11	
Glycemic Load	high	32
Glycemic Index	high	
Calory Impact	Carb Impact	

Meals: Food Item - Nutrients

Item Weight and Serving

- Nutrients listed for default serving
- Change in serving size done by selecting text field of **Amount Taken**

Calories and Carbs Progress Bars

- Calories and carbs in food item listed above bars
 - Food carbs listed above progress bar include or exclude fiber depending of user's choice (Settings – 7th entry in Console)
- Unused goal calories and carbs available for this meal are listed in right part of graphs

Major Nutrients

- Listing of food item nutrients for selected size

Meals: Food Item – Carb Counting

	Amount Taken	Available
Calories	275	556
Carbs [g]	51	27
Fat [g]		2
Cholesterol [mg]		0
Sodium [mg]		534
Carbs (Fiber Included) [g]		53
Fiber [g]		2
Proteins [g]		11

Carb counting
excluding fiber

Carb counted in
meal

Total carbs
in food

	Amount Taken	Available
Calories	275	196
Carbs [g]	53	27
Fat [g]		2
Cholesterol [mg]		0
Sodium [mg]		534
Carbs (Fiber Included) [g]		53
Fiber [g]		2
Proteins [g]		11

Carb counting
including fiber

Carb counted in
meal

Total carbs
in food

Food item nutrients report always
includes fiber in total carbs listing:
Carbs [g] (Fiber Included)

User can select Available Carbs
reported in Carbs Goal and Item
Nutrients to include or exclude fiber

Fiber in Available Carbs Reporting

Include

Subtract

Food item nutrients report always
includes fiber in total carbs listing:
Carbs [g] (Fiber Included)

User can select Available Carbs
reported in Carbs Goal and Item
Nutrients to include or exclude fiber

Fiber in Available Carbs Reporting

Include

Subtract

<
Food Item
Add to Meal

Amount Taken:
100

Units:
100 g

	Amount Taken	Available
Calories	275	556
Carbs [g]	51	27
Fat [g]		2
Cholesterol [mg]		0

Weight [g]	Carbs	Calories	Servings
1			
2			
4			
7			
.			
0			


Meals: Food Item – Selecting Service Size

Serving Units

- Pressing marked text field in Amount Taken line invokes a keypad for selecting the food item amount by:
 - Weight
 - Carbs,
 - Calories,
 - Servings (if applicable to the item)
- All nutrients are listed for serving amount selected by user

Default Display

- The default display shows item nutrients per:
 - Serving size (if applicable)
 - 100 g or 1 oz. (depending on selected units)



Food Item

Add to Meal

Amount Taken:	100	
Units:	100 g	
	Amount Taken	Available
Calories	275	556
Carbs [g]	51	27
Fat [g]	2	
Cholesterol [mg]	0	
Sodium [mg]	534	
Carbs (Fiber Included) [g]	53	
Fiber [g]	2	
Proteins [g]	11	
Glycemic Load	high	32
Glycemic Index	high	

Calory Impact

Carb Impact

Meals: Food Item – Calory, Carb Impact

Calory Impact

- Estimation of exercises needed to burn all the calories of the food item

Carb Impact

- Estimation of impact of food item nutrients on rising post-meal blood glucose

< Bagel Plain Disclaimer

Calory Impact of Food Item

Selected Food Item Contains

Total Calories:

275

Sample Exercise for Meal Calories

Steps

Time[min]

Walk

mph	Slow	or mph	Regular	or mph	Fast
1	5312	3	4768	4	4304
2	5165				

Run

5	3112	7	2808	9	2622
6	2958	8	2691	10	2594

Meals: Food Item – Calory Impact (Steps)

- Proposed exercises to burn calories of the food item
 - Step count of walking and running in 10 speed ranges covered by the tool

WARNING

- ***CONSULT YOUR DOCTOR BEFORE EXERCISING!***

Food Item

Disclaimer

Calory Impact of Food Item

Selected Food Item Contains

Total Calories:

275

Sample Exercise for Meal Calories

Steps

Time[min]

Walk

mph	Slow	or mph	Regular	or mph	Fast
1	124	3	41	4	31
2	62				

Run

5	21	7	16	9	12
6	18	8	14	10	11

Meals: Food Item – Calory Impact (Time)

- Proposed exercises to burn all the calories contents of the food item
 - Duration of walking and running with 10 speed ranges covered by the tool

< Bagel Plain Carb Impact

Disclaimer

Possibility of Unhealthy Level of
Post-meal Blood Glucose Peak

Time Your Exercise:

30 minutes

After Meal

To Help Reducing Post-meal
Blood Glucose Peak Burn:

69 calories

Sample Exercise for 69 Calories

Steps

Time[min]

Walk

mph	Slow	or mph	Regular	or mph	Fast
1	1328	3	1192	4	1076
2	1291				

Run

5	778	7	702	9	656
6	740	8	673	10	648

Meals: Food Item – Carb Impact (Steps)

Prediction of Carbs Impact

- Estimation of impact of consumed food on post-meal blood glucose peak

Time of Exercise

- Tool determines the post-meal time to schedule exercise

Calories to Burn

- Estimation of portion of consumed calories to be burned in exercises to minimize post-meal blood glucose

Sample Exercise

- Example of step-count of walk/run to burn required calories

WARNING

- ***EXERCISE DOES NOT SUBSTITUTE MEDICATIONS FOR CONTROLLING BLOOD GLUCOSE. CONSULT YOUR DOCTOR!***

< Bagel Plain

Carb Impact

Disclaimer

Possibility of Unhealthy Level of
Post-meal Blood Glucose Peak

Time Your Exercise:

30 minutes

After Meal

To Help Reducing Post-meal
Blood Glucose Peak Burn:

69 calories

Please consult your doctor before
setting exercise routines. Check
your blood glucose level and adjust
medication before exercising.

OK

Meals: Food Item – Carb Impact

Disclaimer

Food Item

Add to Meal

Amount Taken: 200

Units: gram

	Amount Taken	Available
Calories	136	556
Carbs [g]	18	27
Fat [g]		0
Cholesterol [mg]		0
Sodium [mg]		28
Carbs (Fiber Included) [g]		32
Fiber [g]		14
Proteins [g]		2
Glycemic Load	low	6
Glycemic Index	low	

Amount Taken:

Units:

Amount Taken

Calories

Carbs [g]

Fat [g]

Cholesterol [mg]

Sodium [mg]

Carbs (Fiber Included) [g]

Fiber [g]

Proteins [g]

Glycemic Load

Glycemic Index

Calory_Impact

Meals: Food Item – Carb Impact (Low)

[← Bacon Maple](#)

Carb Impact

Disclaimer

Likelihood of Healthy Brackets for
Post-meal Blood Glucose Peak

No Exercise Recommended to Lower
Post-meal Blood Glucose

Meals: Food Item – Carb Impact

No Recommendations for Exercises

- View of Carb Impact screen for food item having a probability of post-meal blood glucose within healthy brackets

[← Bacon Maple](#)

[Disclaimer](#)

Calory Impact of Food Item

Selected Food Item Contains

Total Calories:

260

Sample Exercise for Meal Calories

Steps

Time[min]

Walk

mph	Slow	or mph	Regular	or mph	Fast
1	5023	3	4508	4	4069
2	4883				

Run

5	2943	7	2655	9	2479
6	2797	8	2545	10	2452

Meals: Food Item – Calory Impact (Steps)

- Foods with low carbs impact can still have significant calories content (for example fats)

Exercise - Steps

- Step counts in 10 speeds to exert **all** food item calories

WARNING

- ***CONSULT YOUR DOCTOR BEFORE EXERCISING!***

[← Bacon Maple](#)

[Disclaimer](#)

Calory Impact of Food Item

Selected Food Item Contains

Total Calories:

260

Sample Exercise for Meal Calories

Steps

Time[min]

Walk

mph	Slow	or mph	Regular	or mph	Fast
1	117	3	39	4	29
2	59				


Run

5	20	7	15	9	12
6	17	8	13	10	11

Meals: Food Item – Calory Impact (Time)

Exercise - Duration

- Exercise duration to exert all food item calories in 10 speeds covered by pedometer



Food Item

Add to Meal

Amount Taken:

100

Units:

100 g

	Amount Taken	Available
Calories	275	556
Carbs [g]	51	27
Fat [g]		2
Cholesterol [mg]		0
Sodium [mg]		534
Carbs (Fiber Included) [g]		53
Fiber [g]		2
Proteins [g]		11
Glycemic Load	high	32
Glycemic Index	high	

[Calory Impact](#)
[Carb Impact](#)

Meals: Food Item – Carb Impact

Add to Meal

- Food item of selected serving size is added to meal by pressing **Add to Meal** Button (Right upper corner of the page)

Return Back Arrow

- If food item is not to be added to meal, then pressing the return arrow brings the user to the to Food Search

Search

Breakfast Menu

OK

Meal Summary

Calories: 379, Carbs: 63
Unused Calories: 594, Carbs: -32

List of Meal Items

Bagel plain
100 [g] Calories 275 Carbs 53

Chicken egg fried
30 [g] Calories 59 Carbs 0

Juice orange freshly squeezed
100 [g] Calories 45 Carbs 10

Nutrients

Calory Impact

Carb Impact

Meals: Complete Meal Menu

Consumption Summary

- Listing of total calories and carbs of the current meal (first row)
- Posting of unused calories and carbs (second row)

List of Meal Items

- Record of all menu food items
 - Indication of serving size, calories and carbs of each meal item

Nutrients and Carbs Impact

- **Nutrients:** Complete nutrients profile of the meal together with calories breakdown among carbs, proteins and fats
- **Carbs Impact:** Guidance to post-meal exercise

Search

Breakfast Menu

OK

Meal Summary

Calories: 688, Carbs: 94
Unused Calories: 64, Carbs: -63

List of Meal Items

Bagel Plain
Calories 275 Carbs 51

Bacon Maple Leaf Ready Crisp
Calories 140 Carbs 1

Whole Wheat
Calories 273 Carbs 42

Delete

Nutrients

Calory Impact

Carb Impact

Meals: Remove from Menu

Removing Food Item from Menu

- To remove food item from the menu:
 - Slide the selected food item entry to the left
 - Press on Delete button which appears at the right part of the screen

Confirm

- Process of meal selection is completed upon pressing **OK** Button in the top right corner of the display




[Back](#)

Breakfast Nutrient Analysis

Calories	415
Carbs (Available) [g]	50
Fat [g]	14.0
Cholesterol [mg]	20.0
Sodium [mg]	962.0
Carbs (Fiber Included) [g]	52
Fiber [g]	2.0
Proteins [g]	19.0
Glycemic Load	medium

Calories Distribution



	Carbs: 208.0 (50.7% of calories)
	Proteins: 76.0 (18.5% of calories)
	Fats: 126.0 (30.7% of calories)

Meals: Nutrients Analysis

Nutrients of This Meal

- Profile of: calories, carbs, fat cholesterol, sodium, fiber, proteins and glycemic load of the complete meal

Carbs (Available)

- Carbs in the menu counted either together with fiber or with fiber excluded
 - Depending on user selected option in Settings (7th entry in Console)

Carbs (Fiber Included)

- Listing of all carbs in menu with fiber included

Calories Distribution

- Donut graph of meal calories distribution among carbs, proteins and fats

< Back

Disclaimer

Calory Impact of Food Item

Selected Food Item Contains

Total Calories:

415

Sample Exercise for Meal Calories

Steps

Time[min]

Walk

mph	Slow	or mph	Regular	or mph	Fast
1	8017	3	7195	4	6495
2	7794				

Run

5	4697	7	4237	9	3957
6	4464	8	4062	10	3914

Menu: Calories Impact (Steps)

Sample Exercise – Steps

- Step counts in 10 speeds to exert **all** calories of complete menu

WARNING

- ***CONSULT YOUR DOCTOR BEFORE EXERCISING!***

[Back](#)[Disclaimer](#)

Calory Impact of Food Item

Selected Food Item Contains

Total Calories:

415

Sample Exercise for Meal Calories

[Steps](#)[Time\[min\]](#)

Walk

mph	Slow	or mph	Regular	or mph	Fast
1	187	3	62	4	47
2	94				

Run

5	32	7	24	9	19
6	27	8	21	10	17

Menu: Calories Impact (Time)

Sample Exercise

- Duration for different speed of walking or running needed to expend **total** calories of the complete meal

[Back](#)

Carb Impact

Disclaimer

Possibility of Unhealthy Level of
Post-meal Blood Glucose Peak

Time Your Exercise:

30 minutes

After Meal

To Help Reducing Post-meal
Blood Glucose Peak Burn:

97 calories

Sample Exercise for 97 Calories

Steps

Time[min]

Walk

mph	Slow	or mph	Regular	or mph	Fast
1	1872	3	1680	4	1516
2	1820				

Run

5	1096	7	989	9	924
6	1042	8	948	10	914

Menu: Carb Impact (Steps)

Prediction of Carbs Impact

- Estimation of impact of consumed food on post-meal blood glucose peak

Time of Exercise

- Tool determines the post-meal time to schedule exercise

Calories to Burn

- Estimation of portion of consumed calories to be burned in exercises to minimize post-meal blood glucose

Sample Exercise

- Example of step-count of walk/run to burn required calories

WARNING

- **EXERCISE DOES NOT SUBSTITUTE MEDICATIONS FOR CONTROLLING BLOOD GLUCOSE. CONSULT YOUR DOCTOR!**

[< Back](#)

Carb Impact

Disclaimer

Possibility of Unhealthy Level of
Post-meal Blood Glucose Peak

Time Your Exercise:

30 minutes

After Meal

To Help Reducing Post-meal
Blood Glucose Peak Burn:

97 calories

Sample Exercise for 97 Calories

Steps

Time[min]

Walk

mph	Slow	or mph	Regular	or mph	Fast
1	44	3	15	4	11
2	22				

Run

5	7	7	6	9	4
6	6	8	5	10	4

Menu: Carb Impact (Time)

Sample Exercise

- Carb Impact View with Sample Exercises specified in terms of the duration for different speeds of walking and running

WARNING

- Digestion of complex meals can differ from user to user
- Impact of complex meal on post-meal blood glucose is only a rough estimate for an average healthy population (not a particular user)
- Results are not crafted for a particular user and can vary for different users
- This information cannot be treated as:
 - Substitute for medication regulating blood glucose level
 - Indicator to determine doses of medications for regulating blood glucose levels

Exercise Tracking



Meals



Daily Trends



Weekly Trends



Weight Tracking



Goals



Settings



About

Daily Trends

Daily Wellness

- Estimation of daily caloric balance
- Determination of weight-control zone

Daily Exercise Activities

- Summary of daily exercises including total
 - Calories burned
 - Steps
 - Active minutes
- Status of execution of daily exercise goal

Daily Food Trends

- Status of food goals of the day (carbs and calories goals)
- List of menus of all meals consumed in the day
- Graphical and numerical analysis of nutrients in all daily meals

Daily Trends: User's Guide

[Back](#)

Daily Trends Guide

Daily Trends entry summarizes the key elements such as *Daily Calories Balance*, *Exercise* and *Food* traced during the day.

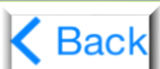
Daily Calories Balance outlines the equity of calories consumed (*Food*) and energy expended (*Exercises* and *Metabolism*).

Zone provides the *weight-loss status of the day*: *Weight Gain* - if calories consumed exceed those expended, *Neutral* - if calories consumed were within 5% of these expended in exercises, and *Weight Loss* - if calories consumed were lower than these expended in exercises.

Exercise Summary reports: status of the *Exercise Goal* of the day (set in *Goals*), *Total Calories Burned* in the exercises, *Total Step Count* and *Active Minutes*. *Complete Exercise Report* points to the *Exercise Tracking* (pedometer) entry.

Food Goal reports the status of the *calories goal of the day* set by the user together with carbs and exercise goals in the *Goals* entry. Food goal is met if the calories consumed are within 5% of the user set goal.

Food Summary points to the *Complete Meal List* with all meal menus of the day. It also includes bar graphs of *calories*, *proteins*, *fats*, *carbs* and *glycemic load* of each meal as well as the *total daily consumption* of all the above. Further, the *doughnut graph* shows the breakdown of daily consumed calories among carbs, proteins and fats.



Daily Trends: Jan-9-2015

Daily Calories Balance: 610

Zone: Weight Gain

Exercise - Goal: Not Met

Total Calories Burned: 11

Steps: 189

Active Minutes: 3

Complete Exercise Report

Food - Goal: Exceeded

Complete Meal List

Legend

B - Breakfast

MS - Morning Snack

L - Lunch

AF - Afternoon Snack

D - Dinner

EM - Extra Meal

Total Food Calories: 1563

Daily Trends

Daily Calories Balance

$$\text{Daily Caloric Balance} = \text{Calories Consumed} - \text{Calories Expended}$$

- Calories Consumed (food)
- Calories Expended (exercise and metabolism)

Zone: Weight Control

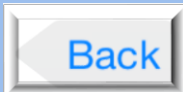
- **Weight gain**: positive balance
- **Neutral**: zero calories balance
- **Weight loss**: negative balance

Exercise

- Account for daily physical activities:
 - Exercise calories
 - Step count
 - Active minutes
- Complete Exercise Report
 - Link to Main Pedometer View

Food

- Numerical and graphical display of nutrients in food consumed throughout the day



Daily Trends: Jan-9-2015

Daily Calories Balance:	-120
Zone:	Weight Loss
Exercise - Goal:	Exceeded
Total Calories Burned:	908
Steps:	14061
Active Minutes:	170

[Complete Exercise Report](#)

Food - Goal:	Not Met
--------------	---------

Complete Meal List

Legend

<i>B - Breakfast</i>	<i>MS - Morning Snack</i>
<i>L - Lunch</i>	<i>AF - Afternoon Snack</i>
<i>D - Dinner</i>	<i>EM - Extra Meal</i>

Total Food Calories:	2319
----------------------	------

Daily Trends - Zone

- Three zones :
 - Weight Loss
 - Weight Gain
 - Neutral

Zone: Weight Loss

- Zone is declared weight-loss when Daily Calories Balance is **negative**
 - More calories were exerted on exercise and metabolism than were consumed in all meals



Daily Trends: Jan-9-2015

Daily Calories Balance: 0

Zone: Neutral Weight Impact

Exercise - Goal: Exceeded

Total Calories Burned: 911

Steps: 14097

Active Minutes: 170

[Complete Exercise Report](#)

Food - Goal: Not Met

Complete Meal List

Legend

B - Breakfast

MS - Morning Snack

L - Lunch

AF - Afternoon Snack

D - Dinner

EM - Extra Meal

Total Food Calories: 2445

Daily Trends - Zone

Zone: Neutral Weight Impact

- Zone is declared neutral when Daily Calories Balance is **zero**

- Energy exerted in exercises and metabolism was the same as that consumed in all daily meals



Daily Trends: Jan-9-2015

Daily Calories Balance: 610

Zone: Weight Gain

Exercise - Goal: Not Met

Total Calories Burned: 11

Steps: 189

Active Minutes: 3

Complete Exercise Report

Food - Goal: Exceeded

Complete Meal List

Legend

B - Breakfast

MS - Morning Snack

L - Lunch

AF - Afternoon Snack

D - Dinner

EM - Extra Meal

Total Food Calories: 1563

Daily Trends - Zone

Zone: Weight Gain

- Zone declared weight gain when Daily Calories Balance is **positive**

- Energy exerted in exercises and metabolism is lesser than the number of calories consumed in all daily meals



Daily Trends: Jan-9-2015

Daily Calories Balance: 610

Zone: Weight Gain

Exercise - Goal: Not Met

Total Calories Burned: 11

Steps: 189

Active Minutes: 3

Complete Exercise Report

Food - Goal: Exceeded

Complete Meal List

Legend

B - Breakfast MS - Morning Snack
L - Lunch AF - Afternoon Snack
D - Dinner EM - Extra Meal

Total Food Calories: 1563

Daily Trends - Exercise Goal

- Three exercise goal classifications:
 - Not Met
 - Met
 - Exceeded

Reaching Daily Exercise Goal

- Daily exercise goal selected by user in Goals (6th entry in Console)
- Goal types: Step Count, Duration, Calories
- Daily goal realization based on calories equivalence
- Goals set in terms of steps or duration are declared **reached** if:
 - Step count or duration of exercise with selected speeds is met
 - Caloric equivalence in exercises is obtained

Daily Trends - Exercise Goal

Exercise Goal Setting

< Goals Step Goals Clear

Walk: 2000 steps total

Slow

Very Slow

Slow

1 mph

2 mph

Regular

3 mph

2000

Verification

Calories & duration for step goals

Calories

Time[min]

Distance

Walk calories: 103

Slow

and

Regular

and

Fast

mph

mph

min

1

0

3

103

4

0

2

0

Run calories: 0

- Step Goal executed with greater speed and smaller step count

- Step Goal calories: 103

- Goal execution calories: 108

- Goal reached as caloric equivalence of goal met in execution

Exercise Goal Execution

< Back Exercise: Jan-12-2015 E-mail

Steps: 1582 Avg Speed: 4.6

Calories: 108 Time [min]: 11

Walk

	mph	min	steps	cals
Very Slow:	1	0	0	9
Slow:	2	1	89	1
Regular:	3	0	0	0
Fast:	4	0	0	0

Run

Very Slow:	5	9	1493	97
Slow:	6	0	0	0
Regular:	7	0	0	0
Accelerated:	8	0	0	0
Fast:	9	0	0	0
Very Fast:	10	0	0	0

Daily Trends - Exercise Goal

Pedometer Display

Daily Exercise Tracking [Refresh](#)

108 Calories



1582 Steps



0.8 Miles



10 Minutes



Daily Trends Page – Goal Exceeded

[< Back](#) Daily Trends: Jan-12-2015

Daily Calories Balance: -732

Zone: Weight Loss

Exercise - Goal: Exceeded

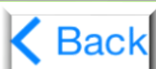
Total Calories Burned: 108

Steps: 1582

Active Minutes: 11

[Complete Exercise Report](#)

- **Caloric equivalence** of Step Goal (103 calories) exceeded
- Exercise Goal for the day exceeded
 - Even if step count of the goal (2000 steps) not reached



Daily Trends: Jan-9-2015

Daily Calories Balance: 610

Zone: Weight Gain

Exercise - Goal: Not Met

Total Calories Burned: 11

Steps: 189

Active Minutes: 3

Complete Exercise Report

Food - Goal: Exceeded

Legend

B - Breakfast

MS - Morning Snack

L - Lunch

AF - Afternoon Snack

D - Dinner

EM - Extra Meal

Complete Meal List

Total Food Calories: 1563

Daily Trends - Exercise Goal

Exercise Goal – Not Met

- Daily exercise goal was **not met** if it fallen behind by more than 2% of neither:
 - Exercise goal set in Goals (6th entry in Console View)
 - Caloric equivalence of daily exercise to set exercise goal

[< Back](#)
Daily Trends: Jan-9-2015

Daily Calories Balance:	610
Zone:	Weight Loss
Exercise - Goal:	Met
Total Calories Burned:	57
Steps:	1090
Active Minutes:	13

Complete Exercise Report

Food - Goal:	Exceeded
--------------	----------

Complete Meal List

Legend

B - Breakfast

L - Lunch

D - Dinner

MS - Morning Snack

AF - Afternoon Snack

EM - Extra Meal

Total Food Calories:	1563
----------------------	------

Daily Trends - Exercise Goal

Exercise Goal – Met

- Daily exercise goal is **met** if it was within 2% of either:
 - Exercise goal set in Goals (6th entry in Console View)
 - Caloric equivalence of daily exercise to set exercise goal

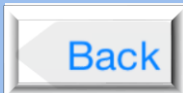
Exercise Calories Goal Setting

[< Goals](#)
Calories Goals

Confirm and Activate

Exercise Calory Expenditure

Exercise Calories	58
-------------------	----



Daily Trends: Jan-9-2015

Daily Calories Balance: 0

Zone: Neutral Weight Impact

Exercise - Goal: Exceeded

Total Calories Burned: 911

Steps: 14097

Active Minutes: 170

[Complete Exercise Report](#)

Food - Goal: Not Met

Complete Meal List

Legend

B - Breakfast MS - Morning Snack
L - Lunch AF - Afternoon Snack
D - Dinner EM - Extra Meal

Total Food Calories: 2445

Daily Trends - Exercise Goal

Exercise Goal – Exceeded

- Daily exercise goal was **exceeded** if it is surpassed by more than 2% in either:
 - Exercise goal set in Goals (6th entry in Console View)
 - Caloric equivalence of daily exercise goal

Complete Exercise Report

- Pressing on Complete Exercise Report brings the user to the Pedometer Mail page
 - The user can view the comprehensive daily exercise report

Back Daily Trends: Jan-9-2015	
Daily Calories Balance:	0
Zone:	Neutral Weight Impact
Exercise - Goal:	Exceeded
Total Calories Burned:	911
Steps:	14097
Active Minutes:	170
Complete Exercise Report	
Food - Goal:	Not Met
Complete Meal List	
Legend <i>B - Breakfast</i> <i>MS - Morning Snack</i> <i>L - Lunch</i> <i>AF - Afternoon Snack</i> <i>D - Dinner</i> <i>EM - Extra Meal</i>	
Total Food Calories:	2445

Daily Trends - Food Goal

- Three settings of Food Goal
 - Not Met
 - Met
 - Exceeded

Food Goal: Not Met

- Food Goal is **not met**, when the amount of calories consumed in all daily meals fails by more than 2% below the Calories Goal set in Goals (6th entry in Console View)

Clarification

- Note that the goal refers to the total caloric consumption in all daily meals
 - Goals of some meals could be met or even exceeded

[Back](#)

Daily Trends: Feb-1-2015

Food - Goal:

Met

Legend

B - Breakfast

MS - Morning Snack

L - Lunch

AF - Afternoon Snack

D - Dinner

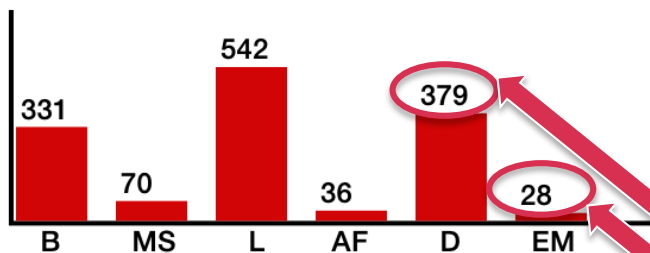
EM - Extra Meal

Complete Meal List

Total Food Calories:

1386

Calories



Note

- Daily Food Goal met within 2%
- Not all meal goals on target

Daily Trends - Food Goal

Food Goal: Met

Food Goal is **met** when cumulative calories of all meals are within 2% of Calories Goal set in Goals (6th entry in Console View)

Listing of Food Goals

[Goals](#)

Calories per Meal

[Confirm](#)

Daily Total Calories: 1395

	%	kcal
Breakfast	34	471
Morning Snack	6	78
Lunch	38	534
Afternoon Snack	4	62
Dinner	22	314
Extra Meal	6	94

Back

Daily Trends: Feb-12-2015

Daily Calories Balance:	1510
Zone:	Weight Gain
Exercise - Goal:	Not Met
Total Calories Burned:	63
Steps:	1136
Active Minutes:	14
Complete Exercise Report	
Food - Goal:	Exceeded
Complete Meal List	
Legend	
B - Breakfast	MS - Morning Snack
L - Lunch	AF - Afternoon Snack
D - Dinner	EM - Extra Meal
Total Food Calories:	2150

Daily Trends - Food Goal

Food Goal: Exceeded

- Food Goal is **exceeded** when the amount of calories consumed in all daily meals surpasses by more than 2% the Calories Goal set in Goals (6th entry in Console View)

Daily Trends – Complete Meal List

Food Listing

- List of menus for all meals taken in the current day
- Specified are:
 - Names of food products
 - Calories of each food product
 - Carb content of each food product
 - Carbs reported either with or without fiber based on user's preferences (Settings, 7th entry in Console)

E-mail

- Option for sending by e-mail the complete meal of the day
 - E-mail recipients are specified in Settings (7th entry in Console)

Breakfast

Bagel plain; 275 calories; 51 carbs
Chicken egg fried; 59 calories; 0 carbs
Juice orange freshly squeezed; 45 calories;
10 carbs

Morning Snack

Apple with skin large; 116 calories; 26 carbs

Lunch

Halibut fish Atlantic Pacific cooked; 210
calories; 0 carbs
Grain rice brown cooked; 112 calories; 22
carbs
Carrot cooked; 35 calories; 5 carbs
Alcohol wine white table Pinot Blanc; 81
calories; 2 carbs

Afternoon Snack

Cookie Bar Mars; 230 calories; 29 carbs

Dinner

Pasta Barilla Capellini Angel Hair cooked;
200 calories; 40 carbs
Beef Strips Prsident's Choice Fire-Roasted
Sirloin; 200 calories; 1 carbs

OK

E-mail

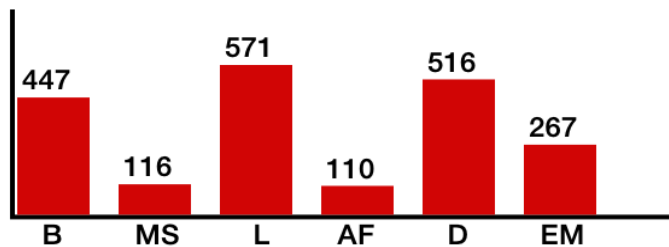
Food

Legend

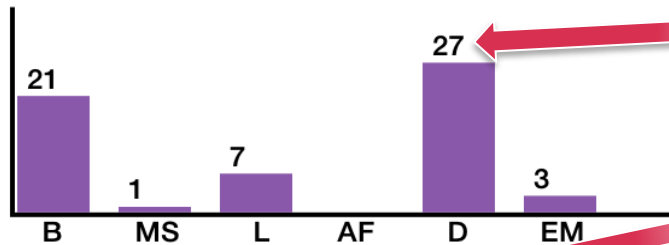
B - Breakfast *MS - Morning Snack*
L - Lunch *AF - Afternoon Snack*
D - Dinner *EM - Extra Meal*

Total Food Calories: 2027

Calories



Proteins



Total Proteins: 59 grams

Daily Trends: Food – Calories and Proteins

- Graphs illustrating total calories and proteins in all daily meals

Source of Data

- Graph data extracted from nutrients for each meal

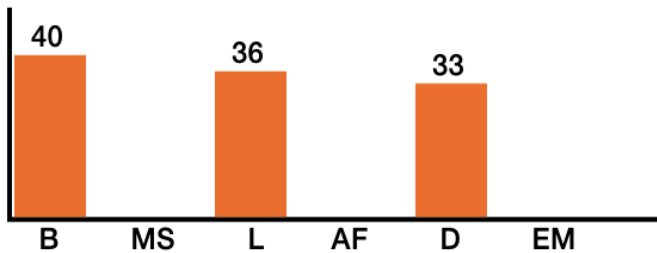
Meal Totals

- Calories and proteins consumed in each meal displayed above the corresponding meal bar

Daily Totals

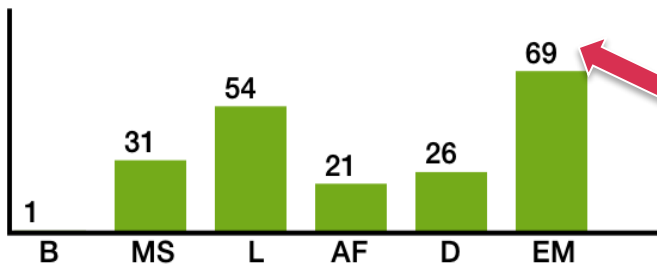
- Calories and proteins consumed in each individual meal displayed above corresponding bars
- Total calories and proteins displayed below the graphs

Fats



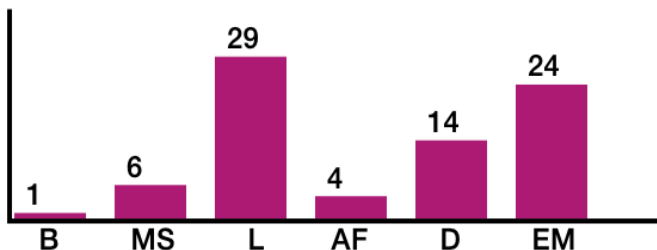
Total Fats: 109 grams

Carbs



Total carbs: 202 grams

Glycemic Load



Daily Trends: Food

– Fats, Carbs and Glycemic Load

- Graphs of total contents of fats and carbs in all daily meals

Source of Data

- Graph data extracted from nutrients for each meal

Daily Totals

- Fats, carbs and glycemic loads of each individual meal displayed above corresponding bars
- Total calories and proteins consumed daily displayed below the graphs

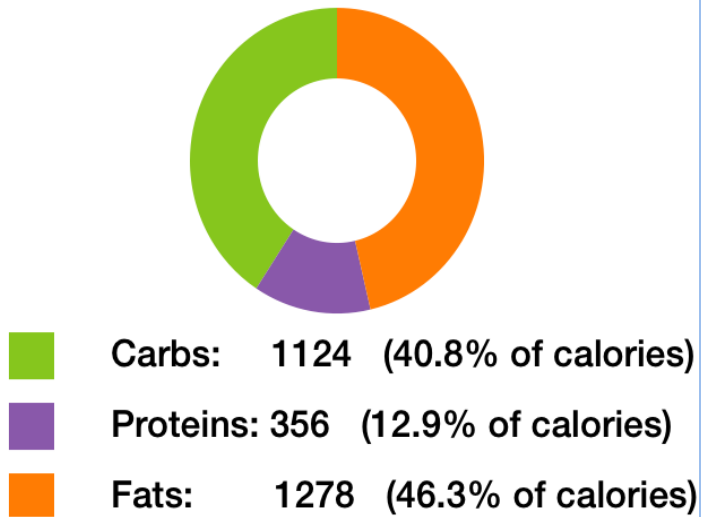
Carbs Counting

- Meal carbs reported with or without fiber depending of user's selected preference set in Settings (7th entry in Console View)

Daily Trends: Food – Calories Distribution

- Distribution of calories in daily meals among carbs, proteins and fats shown by doughnut graph

Calories Distribution: Sep 22



Exercise Tracking



Meals



Daily Trends



Weekly Trends



Weight Tracking



Goals



Settings



About



Weekly Trends

- Profile of weekly activities and meals

Current Weight

- Graph of weekly weight registry

Exercise and Food

- Graphical and numerical reporting on daily basis of:
 - Exercise activities
 - Nutrients information of consumed food

Weekly Trends: User's Guide

[Back](#)

Weekly Trends Guide

Weekly Trends entry summarizes food and exercise activities in the *last week*. The page keeps track of user's weight (*Current Weight*), *Food* and *Exercise*.

Current Weight requires the user to update the weight *once a week*. More frequent entries will be discarded. *Weekly Weight* progress is displayed on the long-term graph.

Daily Averages From Last Week summarize: *Daily Metabolism Calories* (may change during the year due to weight and age changes of the user), *Food Calories* consumed daily, *Exercise Calories* expended, *Step Count* and *Active Minutes*. The above data is provided from *Food* and *Pedometer* archives.

Food Record displays *complete menus* of each day of the week. Each consumed food item has a listing of its *calories* and *carbs* contents. Data displayed is taken from *Food* archives, which are updated after each new meal is registered by the user.

Sport & Food summarizes daily *Exercise* and *Food* calories, *Daily Calories Balance* and *nutrient* of combined meals of each day (*proteins*, *fats*, *carbs* and *Glycemic Loads*). Presented are also daily averages of all the above values. Data displayed comes from *Food* and *Pedometer* archives.



Weekly Food & Exercise

Daily Averages From Last Week

Metabolism Calories: 1817

Carbs: 10

Food Calories: 55

Exercise Calories: 236

Step Count: 3476

Active Minutes: 240

Food Record

Sport & Nutrients

Weekly Trends: Main Page

Daily Averages from Last Week

- Summary of major wellness factors from previous week: Metabolism Calories, Food Calories, Exercise Calories, Step Count and Active Minutes

Food Record

- Complete menus of all daily meals for the past seven days

Weekly Trends

- Graphs illustrating weekly profiles of: exercise calories, meal calories, caloric balance, proteins, fats carbs and glycemic loads



Back

Weekly Food Record

Email All

Thu, Jan 8



Fri, Jan 9



Sat, Jan 10



Sun, Jan 11



Mon, Jan 12



Tue, Jan 13



Wed, Jan 14



Weekly Trends: Food Record

- Listing of complete daily menus for all days of a passing week
- Each menu is accessible by selecting the day of interest from the presented list

8:33 AM

Breakfast
Jarlsberg;
165 calories; 0 carbs
Bread multi-grain includes whole grains;
265 calories; 36 carbs
Cucumber pickles dill kosher low sodium;
18 calories; 3 carbs
Pepper hungarian raw;
12 calories; 3 carbs
Oil olive;
221 calories; 0 carbs

Lunch
Bread multi-grain includes whole grains;
265 calories; 36 carbs
Chicken egg omelet;
157 calories; 1 carbs
Oil olive;
354 calories; 0 carbs

Dinner
Chocolate President's Choice Dark 70% Cocoa;
960 calories; 60 carbs

OK

Weekly Trends: Food Menu

Viewing Daily Menu

- Complete menu of all daily meals consumed is displayed upon tapping the prompt with the date of the day of interest

Listing in Daily Menu

- Daily menu consists of:
 - Listing of food items per each meal
 - Calories and carbs contents of each food item

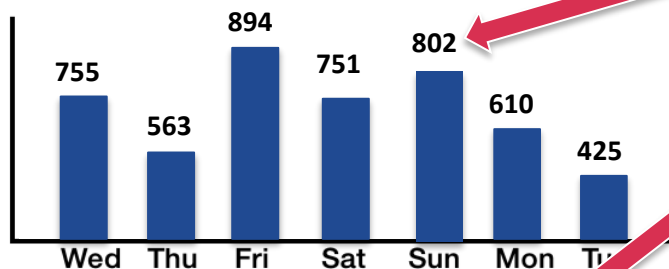


Weekly Food & Exercise

Week Ending: Sep 23 2014

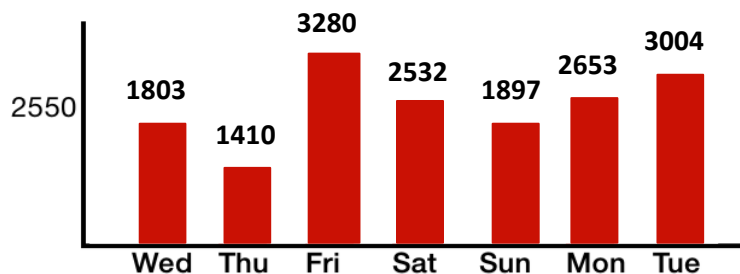
Weekly Energy Distribution

Exercise Calories



Avg. Daily Exercise Calories: 686

Meal Calories



Average Meal Calories: 2368

Hide

Weekly Trends: Exercise and Meal Calories Bar Graphs

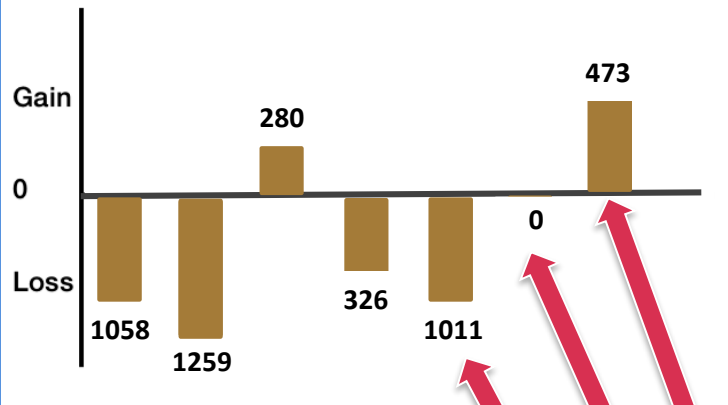
Weekly Energy Distribution

- Graphs of daily Exercise Calories and Meal Calories over the last week
- Daily average is displayed below each graph

Sources of Data

- Exercise calories provided by pedometer
- Meal calories automatically extracted from nutrients for each meal

Caloric Balance



Weekly Trends: Caloric Balance Bar Graphs

Caloric Balance Graph

- Daily energy balances for each week day
- Calculation of Caloric Balance:

$$\text{Caloric Balance} = \text{Calories Consumes} - \text{Calories Expended}$$

- Calories Consumed (food)
- Calories Expended (exercise and metabolism)

Sources of Data

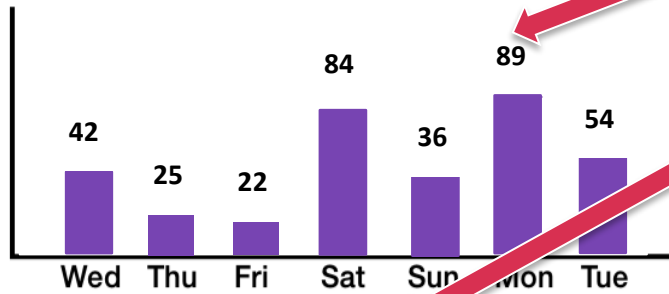
- Exercise calories provided by pedometer
- Meal calories automatically extracted from nutrients for each meal

Interpreting Bar Graph

- Balance for the day:
 - Positive: weight gain
 - Zero: no weight changes
 - Negative: weight loss

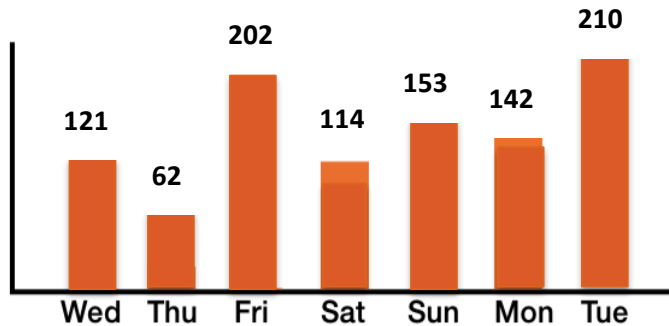
Weekly Food Analysis

Proteins



Average Proteins: 50

Fats



Average Fats: 143

Hide

Weekly Trends: Proteins and Fats Bar Graphs

- Graphs showing proteins and fats consumed in the last week
 - Daily average is displayed below each graph

Source of Data

- Graphs created based on data taken automatically from the Meals entry (2nd option in the Console View)

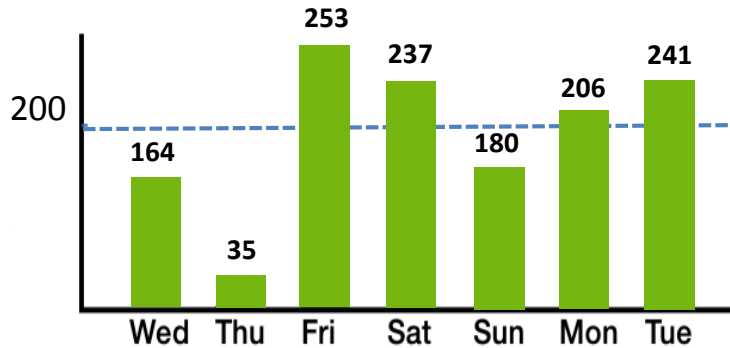
Weekly Trends: Carbs and Glycemic Load Bar Graphs

- Graphs displaying contents of carbs in consumed food and cumulative glycemic load of daily meals over the last week
- Daily average of carb intake presented below the graph

Carbs Counting

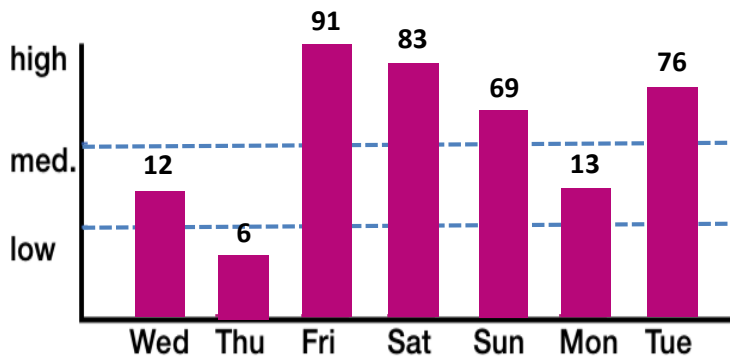
- Carbs reported either with or without fiber depending of user's choice set in Settings (7th entry in Console Vies)

Carbs



Average Carbs: 188

Glycemic Load



Hide

Exercise Tracking



Meals



Daily Trends



Weekly Trends



Weight Tracking



Goals



Settings



About



Weekly Weight-Loss

- Entry for tracking weight-loss progress

Weight Management

- Graph registering progress in weight loss from beginning of weight-loss program until present
- Report of weekly weight change during the duration of weight-loss plan

Weight-Loss Plan

- Daily calories deficit established in Weight-loss goals (goals- 6th entry in Console View)

Exercise and Food Analysis

- Weekly Trends in exercise and food consumed

Weekly Weight-Loss: User's Guide

[Back](#)

Weekly Weight-Loss Guide

Weekly Weight Loss entry assists user in the weight-loss effort during the *duration* of the *Weight-loss Plan* set in Goals.

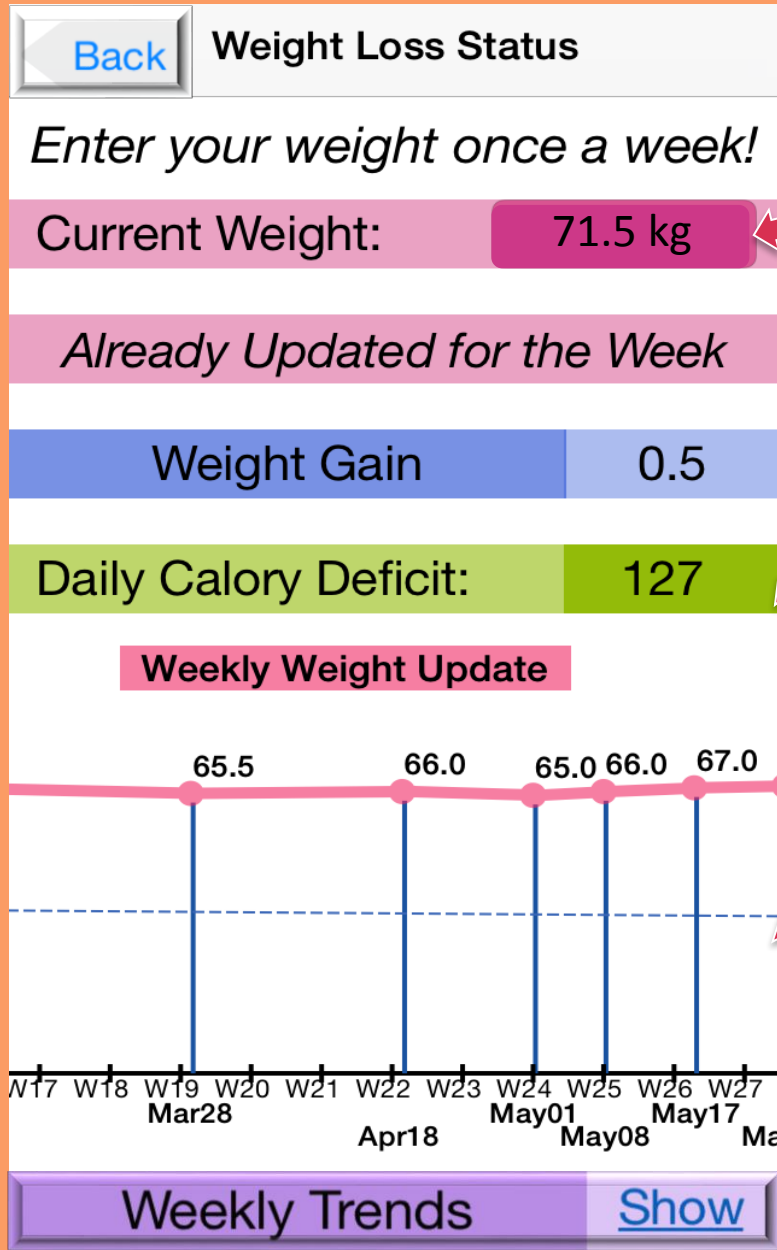
Current Weight must be updated *once a week* either in *this entry*, *Weekly Trends* page or *Settings*. More frequent entries will be *disregarded*. Weight is reported either in *metric* or *imperial* units depending on the user's choice in *Settings*.

Weight Status displays *weight loss/gain* for the passing week based on the previous and this week weight entries. The weight is reported either in *metric* or *imperial* units depending on user's choice in Settings.

Daily Calories Deficit is an estimate of the *caloric deficit* for each day of the current week of weight-loss. It is *automatically* determined in *Goals* based on the *duration of the weight loss plan*, *intended weight loss* and *daily sports activities*. Daily calories deficit *may change* on the weekly basis.

Weekly Weight Graph displays *weekly user's weight* in the *duration of the weight loss plan*.

Sport & Food Trends summaries for each day of the passing week: *exercise calories extortion*, *food calories*, *Daily Caloric Balance* and daily consumed nutrients (*proteins*, *fats*, *carbs* and *Glycemic Loads*). The *average* daily values of all of the above parameters are also displayed. *Food* and *exercise* data is obtained from *Food* and *Pedometer* archives.



Weekly Weight-Loss: Main View

Current Weight

- To be entered once a week

Weight Loss

- Based on weight change from last week
 - **Positive value**: weight gain
 - **Zero value**: weight unchanged
 - **Negative value**: weight loss

Daily Calories Deficit

- Established as Calories Deficit in Weight-Loss Goals (6th entry in Main Page)

$$\text{Daily Calories Deficit} = \text{Calories Expended (exercise/metabolism)} - \text{Calories Consumed}$$

Weekly Weight Update

- Graphical display of progress in weekly weight loss

Weekly Trends

- Analysis of weekly exercises and food

Back

Weight Loss Status

Enter your weight once a week!

Current Weight:

Already Updated for the Week

Steady Weight

0.0

Daily Calory Deficit:

212

Weekly Weight Update

Cancel

Enter

1	2 ABC	3 DEF
4 GHI	5 JKL	6 MNO
7 PQRS	8 TUV	9 WXYZ
.	0	✕

Weekly Weight-Loss: Weight Update

Current Weight

- To be entered once a week
 - More frequent weight update prompting message: *Already Updated for the Week*

Entering Weight

- Tapping on the dark pink field on the Current Weight belt prompts a keypad to appear on the screen
- Weight is entered using keypad which
- No confirmation of the entered weight is needed appears

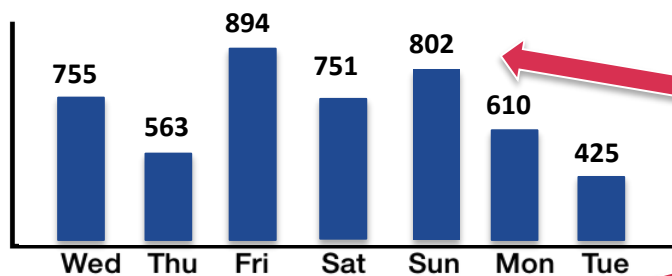


Weekly Food & Exercise

Week Ending: Sep 23 2014

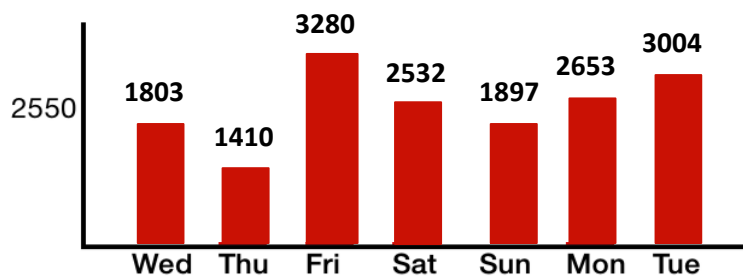
Weekly Energy Distribution

Exercise Calories



Avg. Daily Exercise Calories: 686

Meal Calories



Average Meal Calories: 2368

Weekly Trends

Hide

Weekly Weight-Loss: Exercise and Meal Calories Bar Graphs

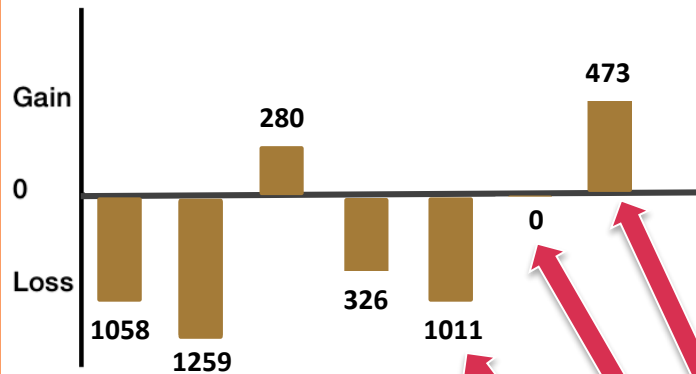
Weekly Energy Distribution

- Bar graphs summarizing daily Exercise Calories and Meal Calories over the last week
- Daily Exercise and Meal Calories are displayed above corresponding bars
- Daily average gathered over the week is displayed below each graph

Sources of Data

- Exercise Calories provided by pedometer
- Meal Calories automatically extracted from nutrients of daily menus

Caloric Balance



Weekly Weight-Loss: Caloric Balance Bar Graphs

Caloric Balance Graph

- Daily Energy Balances of the previous week
- Calculation of Caloric Balance:

$$\text{Caloric Balance} = \text{Calories Consumes} - \text{Calories Expended}$$

- Calories Consumed: food
- Calories Expended: exercise and metabolism

Interpreting Bar Graph

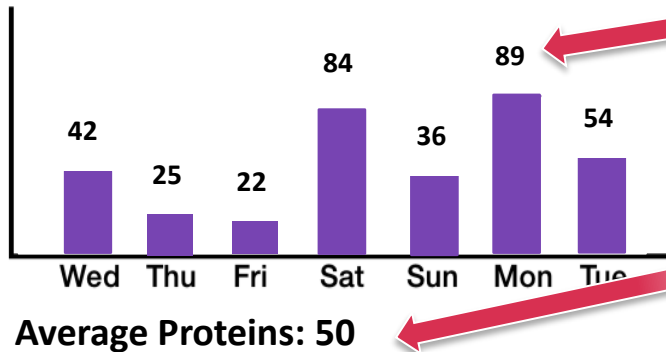
- Balance for the day:
 - Positive: weight gain
 - Zero: no weight changes
 - Negative: weight loss

Sources of Data

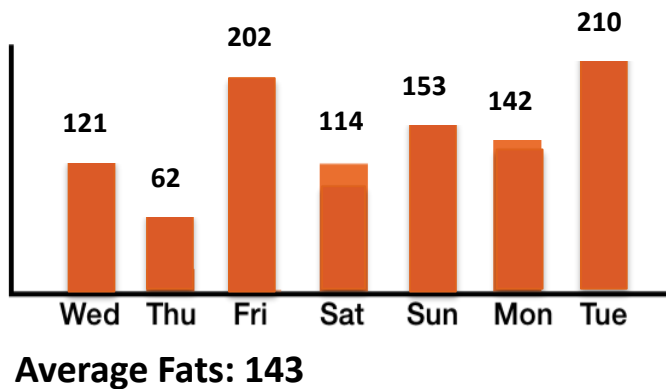
- Exercise calories provided by pedometer
- Meal calories automatically extracted from nutrients for each meal

Weekly Food Analysis

Proteins



Fats



Weekly Trends

Hide

Weekly Weight-Loss : Proteins and Fats

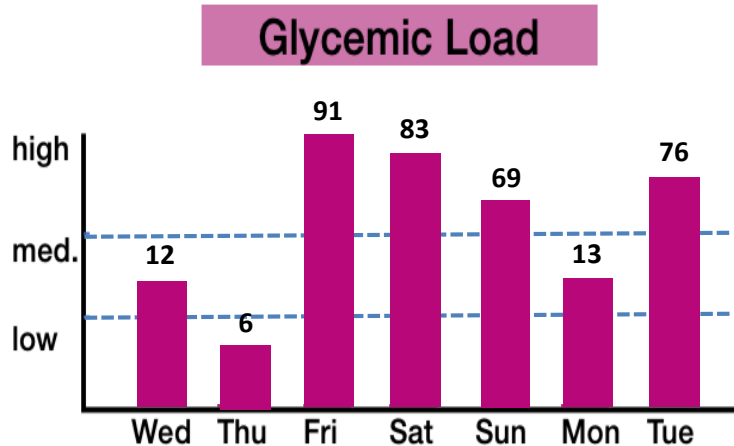
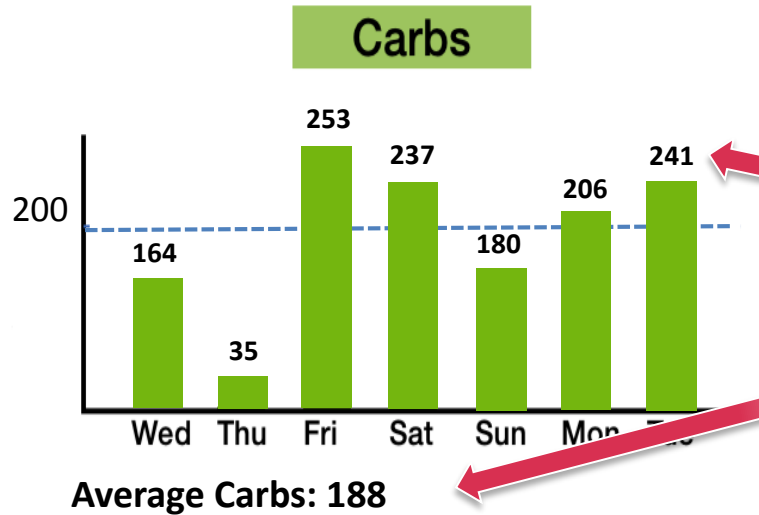
- Graph displays of last week intake of proteins and fats
- Total consumption in given day displayed above corresponding bars
- Daily average is displayed below each graph
- Data to the graphs is taken automatically from the Meals entry (2nd entry in Console View)

Source of Data

- Meal calories automatically extracted from nutrients for each meal

Weekly Trends: Carbs and Glycemic Load

- Graph displays of last week intake of carbs in consumed food and cumulative glycemic load of daily meals
- Total consumption in given day displayed above corresponding bars
- Daily average of carbs intake presented below the graph
- Data to the graphs is taken automatically from the Meals entry (2nd entry in Controller View)



Weekly Trends

Hide

Carbs Counting

- Carbs reported either with or without fiber depending of user's choice
 - Set in Settings (7th entry in Console Vies)

Source of Data

- Meal calories automatically extracted from nutrients in daily menus

Exercise Tracking	i
Meals	i
Daily Trends	i
Weekly Trends	i
Weekly Weight-Loss	i
Goals	i
Settings	i
About	>

Goals

- Entry for setting long-term daily nutrition and exercise goals

Food Consumption Goals

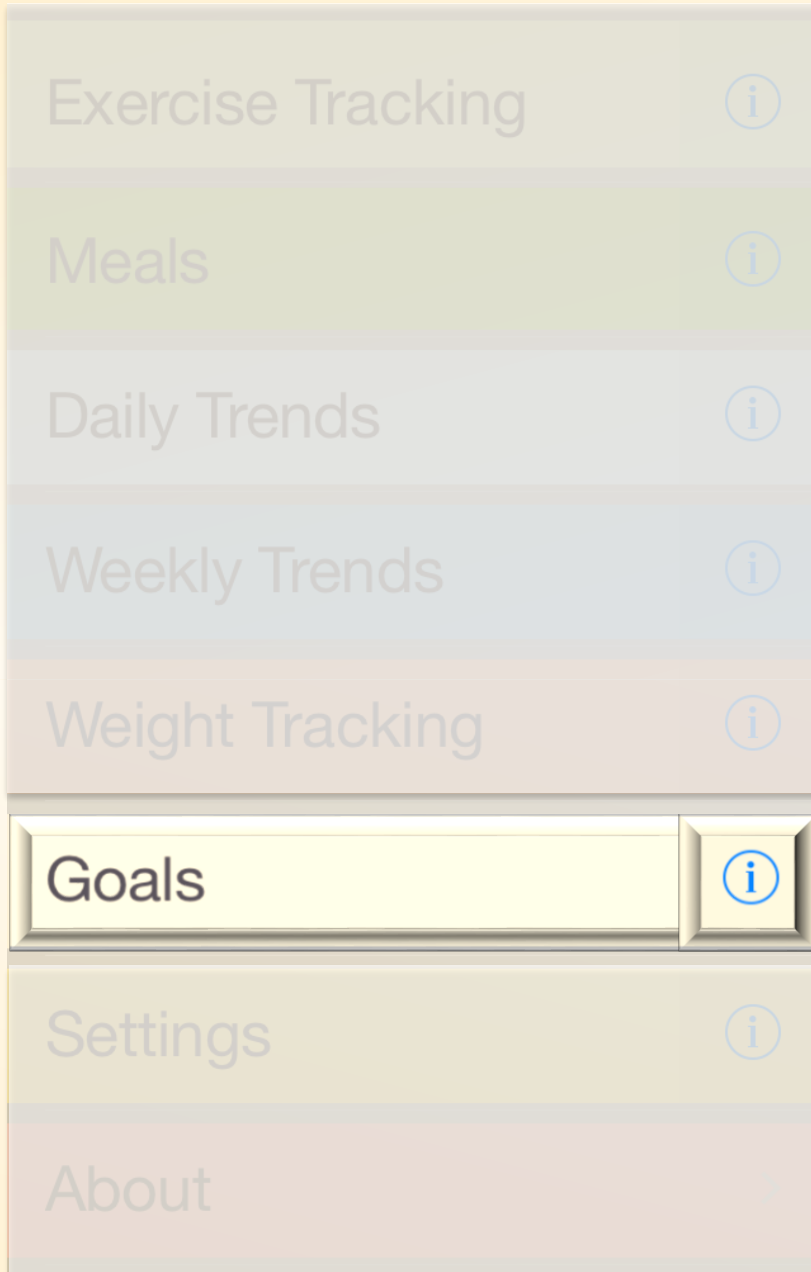
- Establishing daily calories and carbs intake goals for each meal of the day
- Listing of approximate meal times
 - Time used to issue reminders if data for meal scheduled around current time not entered

Exercise Goals

- Three types of exercise goals
 - Step count in ten speed ranges
 - Duration of exercise
 - Exercise Calories

Weight-Loss Goals

- Establishing a weight-loss plan crafted for desired weight loss



Goals

Note

- Goals should be set before first launch of the tool
- Goals should be updated periodically to reflect the wellness expectations of the user
- The tool will operate without setting the goals, however it will not show the progress of exercise and food consumption versus user intended plan

Goals: User's Guide

[Back](#)

Goals Guide

Goals deals with three aspects of wellness: *food consumption*, *exercises* and *weight-loss*.

It is important for the user to set the goals, as they contribute to better management of exercise, food and weight loss regimes.

The Exercise section is designated to *exercise goals*. The user sets and activates *only one* type of the *goals* (*steps*, *duration* or *calories*).

Daily Calories and Carbs Intake

requires that the user set *all three* categories of goals (*Calories Meal Planner*, *Carbs Meal Planner* and *Meal Timing Habits*).

Daily Calories Review is the graphical review of the daily *calories* flow. Its intention is to help the user to select the *food calories goal* by reviewing all the contributors to the *Daily Caloric Balance Goal*. Note, that the *Daily Calories Balance Goal* aims at balancing the *exercise* and *user's metabolism calories* and eventual *calories deficit* coming from the *Weight-Loss Plan*.

Back

Goals

Exercise

Step Count - Active
Walk:11000(Fast:0);Run:2000(Fast:1000)

Exercise Duration
Set by step count goal

Exercise Calories
Set by Steps goal

Daily Calories and Carb Intake

Daily Calories Review
Calories: 2419 Carbs: 130

Calories Meal Planner
B:32%,MS:4%,L:32%,AS:3%,D:27%,EM:1%

Carbs Meal Planner
B:30,MS:10,L:40,AS:10,D:30,EM:10

Meal Timing Habits
B:08:00,MS:10:00,L:12:00,AS:15:00,D:17:00

Weight Loss

Weight Loss - Active
Weight Loss Plan: Light

Goals: Main View

Daily Calories and Carbs Intake

- Daily Calories Review
 - Calories balance comprising food, metabolism, exercise and weight-loss calories expenditure plan
- Calories Percentage and Daily Carbs Meal Planners
 - Calories and carbs contents of all daily meals: breakfast, morning snack, lunch, afternoon snack, dinner and extra meal
- Daily Meal Timing Habits
 - Planning of approximated meal time
 - Needed to issue warning when meal at given time is not entered by user

Exercise

- Daily exercise goals set by selecting one of the three options:
 - Step Count, Exercise Duration or Calories

Weight-Loss

- Plan optimized for desired weight loss

Exercise

Step Count - Active

Walk:11000(Fast:0);Run:2000(Fast:1000)



Exercise Duration

Set by step count goal



Exercise Calories

Set by Steps goal



Goals: Exercise Goals Setting

Types of Exercise Goals

- Steps
- Duration
- Calories

Exclusiveness of Goal Selection

- The user can select only one way of goal setting at a time
 - In the Goal View, the summary of the **active goal** is highlighted in red

Goal Duration

- Once set, the exercise goal can stay active for days, or can be changed many times a day
- Tracking of the exercise goals is reset at midnight each day



Step Count - Active Guide

Step Count Goals allows the user to set the total step count for the day. This goal can be set by user for *walking* and *running* with different *speed ranges*. Speeds are specified in *metric* or *imperial* units depending on the user's preferences set in Settings.

The cumulative number of steps for *walking* and *running* is displayed after each new step update.

The verification of the *calories equivalence*, *duration* and *distance* is available for every *step count* of walking and running with a selected speeds. The *distance* is displayed in either *metric* or *imperial* units depending on user's preferences in Settings.

Step Count Goal is *confirmed and activated* by pressing *Confirm and Activate* button at the top of the page.

Note that only one of the three exercise goals (Steps, Duration or Calories) can be set active at a time.

Goals – Exercise (Step Count): Guide

- Short guide to setting exercise goal in terms of step count

Goals

Step Goals

Clear

Confirm and Activate

Walk: 12350 steps total

Slow

2.0 km/h	Very Slow	3.5 km/h	Slow
	1000		900

Regular

5.0 km/h	10000
----------	-------

Fast

6.5 km/h	450
----------	-----

Goals: Exercise – Step Goal Setting - Walk

Setting Steps Goal - Walk

- Total step count for walking goal appears at the brown belt above the step goal setting
- Step counts can be set for 10 speed ranges of walking and running
- Multiple entries are possible

Confirmation

- When completed, the page should be confirmed by pressing Confirm and Activate Button

Goal Tracking

- Tracking of the goal starts at the moment of activation, and carries through the day
 - Each day at midnight the goal tracking is reset, however, the goals are sustained

Run: 8200 steps total

Slow

Very Slow
8.0 km/h
1200

Slow
9.5 km/h
3000

Regular

Regular
11.0 km/h
1000

Accelerate
12.5 km/h
500

Fast

Fast
14.0 km/h
1000

=< 16.0 km/h
Very Fast
1500

Goals: Exercise – Step Goal Setting - Run

Setting Steps Goal - Run

- Total step count for running activity appears at the light brown belt above the step setting
- Multiple entries for step counts with different speeds are allowed

Goals

Step Goals

Clear

Confirm and Activate

Walk: 12350 steps total

Slow

2.0 km/h

Very Slow

3.5 km/h

Slow

900

Regular

Cancel

Enter

1	2 ABC	3 DEF
4 GHI	5 JKL	6 MNO
7 PQRS	8 TUV	9 WXYZ
	0	⌫

Goals: Exercise – Step Goal Setting - Entering Data

- Data for the goal is entered by tapping on the colored text field of the appropriate type of motion and speed
 - Data is entered using keypad, which appears on the screen

Verification

Calories & duration for step goals

Calories	Time[min]	Distance
----------	-----------	----------

Walk calories: 704

	Slow	and Regular	and Fast
km/h		km/h	km/h
2.0	52	5.0 576	6.5 29
3.5	48		

Run calories: 797

8.0	106	11.0 98	14.0 105
9.5	279	12.5 51	16.0 159

Goals: Exercise – Step Goal Verification - Calories

- For the set step goal, user can check: caloric expenditure, duration and distance equivalences

Caloric Verification

- The amount of calories burned, duration and distance is displayed for:
 - Total walk and run activities
 - For each steps/speed selection

Verification

Calories & duration for step goals

Calories	Time[min]	Distance
----------	-----------	----------

Walk time: 2 hrs, 4 min.

	Slow	and Regular	and Fast
km/h	km/h	km/h	
2.0	23	87	3
3.5	11		

Run time: 46 minutes

8.0	8	6	5
9.5	18	3	7

Goals: Exercise – Step Goal Verification - Time

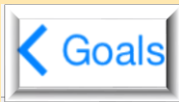
- Duration of the goal exercise is displayed for:
 - Total walk and run activities
 - For each steps/speed selection

Verification					
Calories & duration for step goals					
Calories	Time[min]		Distance		
Walk distance: 8534 meters					
	Slow	and Regular	and	Fast	
km/h		km/h		km/h	
2.0	626	5.0	6980	6.5	348
3.5	580				
Run distance: 8549 meters					
8.0	1095	11.0	1056	14.0	1145
9.5	2953	12.5	555	16.0	1745

Goals: Exercise – Step Goal Verification - Distance

- Approximate distance covered in the exercise is displayed for:
 - Total walk and run activities
 - Individually, for each steps/speed selection

Distance is a function of number of steps, speed of exercise and personal parameters such as high, weight, age and gender



Exercise Duration Guide

Exercise Duration Goals allows the users to specify the *total duration* of daily *walking* and *running* with selected speeds. Distances and speeds are specified in *metric* or *imperial* units depending on the user's preferences set in Settings.

The cumulative distance for *walking* and *running* is displayed after each new distance update.

The verification of the *calories equivalence*, *steps* and *distance* is available for every *distance setting* of walking and running with a selected speeds.

Duration Goal is *confirmed and activated* by pressing *Confirm and Activate* button at the top of the page.

Note that only one of the three exercise goals (Steps, Duration or Calories) can be set active at a time.

Goals – Exercise (Duration): Guide

- Short guide to setting exercise goal in terms of active time

Confirm and Activate

Walk: 2 hours and 21 minutes

Slow

2.0 km/h	Very Slow	3.5 k m/h	Slow
	15		36

Regular

5.0 km/h	50
-------------	----

Fast

6.5 km/h	40
-------------	----

Goals: Exercise – Duration Goal Setting - Walk

Setting Duration Goal - Walk

- Total duration of walking goal appears at the brown belt above the duration goal setting
- Duration goal can be set for 10 speed ranges of walking and running
 - Multiple entries are possible

Confirmation

- When completed, the choice is activated by pressing Confirm and Activate Button

Goal Tracking

- Tracking of the goal starts at the moment of activation, and carries through the day
 - Each day at midnight the goal tracking is reset, however, the goals are sustained

Run: 1 hours and 22 minutes

Slow

Very Slow		Slow	
8.0 km/h	15	9.5 km/h	20

Regular

Regular		Accelerate	
11.0 km/h	25	12.5 km/h	10

Fast

Fast		Very Fast	
14.0 km/h	7	=< 16.0 km/h	5

Goals: Exercise – Duration Goal Setting - Run

Setting Steps Goal - Run

- Goal for total duration of running appears at the light brown belt above the duration goal setting
- Multiple entries are possible

Verification

Calories & Steps for Duration Goals

Calories

Steps

Distance

Walk calories: 879

	Slow	and	Regular	and	Fast	
km/h			km/h		km/h	
2.0	33		5.0	332	6.5	354
3.5	159					

Run calories: 1407

8.0	194	11.0	435	14.0	155
9.5	304	12.5	197	16.0	122

Goals: Exercise – Duration Goal Verification: Calories

- For the selected duration goal, user can verify the caloric expenditure, steps and distance equivalence of the goal

Caloric Verification

- The amount of calories expended, duration and distance is displayed for:
 - Total walk and run activities
 - For each steps/speed selection

Verification

Calories & Steps for Duration Goals

Calories

Steps

Distance

Walk: 14955 steps

	Slow	and	Regular	and	Fast
km/h					
2.0	642		5764		5551
3.5	2998				

Run: 14482 steps

8.0	2204	11.0	4445	14.0	1475
9.5	3270	12.5	1934	16.0	1153

Goals: Exercise – Duration Goal Verification: Steps

- The duration of the goal exercise is displayed for:
 - Total walk and run activities
 - For each steps/speed selection

Verification

Calories & Steps for Duration Goals

Calories

Steps

Distance

Walk: 10648 meters

Slow		and	Regular		and	Fast	
km/h			km/h			km/h	
2.0	402		5.0	4023		6.5	4292
3.5	1931						

Run: 15101 meters

8.0	2012	11.0	4694	14.0	1690
9.5	3219	12.5	2146	16.0	1341

Goals: Exercise – Step Goal Verification: Calories

- Approximate distance covered in the exercise is displayed for:
 - Total walk and run activities
 - For each steps/speed selection



Exercise Calories Guide

Exercise Calories Goal allows the user to set the daily exercise goal in terms of the *total calories* to be expended.

The verification of the *steps* and *duration* is available for the Calories Goal.

Calories Goal is *confirmed and activated* by pressing *Confirm and Activate* button at the top of the page.

Note that only one of the three exercise goals (Steps, Duration or Calories) can be set active at a time.

Goals – Exercise (Calories): Guide

- Short guide to setting exercise goal in terms of calories to exerted



Calories Goals

Confirm and Activate

Exercise Calory Expenditure

Exercise Calories **650**

Verification

Steps & duration for calorie goals

Steps **Time[min]**

Walk

km/h	Slow	or	Regular	or	Fast
2.0	12574	5.0	11285	6.5	10188
3.5	12225				

Run

8.0	7367	11.0	6646	14.0	6207
9.5	7002	12.5	6370	16.0	6139

Goals: Exercise – Calories Goal Setting Goal Verification: Calories

Setting Calories Goal

- User selects the amount of calories to be expended during daily activities
- To better plan the activities, user is presented with summary of steps needed to spend the planned calories by walking or running with various speeds

Calories Goal Verification - Steps

- Examples of steps (walking and running in 10 speed intervals)
- Energy expenditure of proposed step exercises is equal to caloric goal

< Goals

Calories Goals

Confirm and Activate

Exercise Calory Expenditure

Exercise Calories 650

Verification

Steps & duration for calorie goals

Steps Time[min]

Walk

km/h	Slow	or	Regular	or	Fast
2.0	294	5.0	98	6.5	73
3.5	147				

Run

8.0	50	11.0	37	14.0	29
9.5	43	12.5	33	16.0	27

Goals: Exercise – Calories Goal Setting Goal Verification: Time

- To plan the activities, user is presented with the examples of steps (walking or running in all considered speed intervals)
 - Energy expenditure of proposed step exercises is equal to caloric goal



Calories Goals

Confirm and Activate

Exercise Calory Expenditure

Exercise Calories



Verification

Steps & duration for calorie goals

Steps

Time[min]

Cancel

Enter

1

2

ABC

3

DEF

4

GHI

5

JKL

6

MNO

7

PQRS

8

TUV

9

WXYZ

0



Goals: Exercise – Calories Goal: Entering Data

- Data for the goal is entered by tapping on the colored text field next to Exercise Calories
- Goal calories are entered using the keypad



Daily Calories Review Guide

Daily Calories Review shows graphically and numerically the calories distribution among *metabolism*, *exercises*, *weight-loss deficit* and *food*.

The aim of Daily Calories Reivew is to help the user to select the *Calories Meal Goal* such that the *Daily Calories Balance* will be preserved.

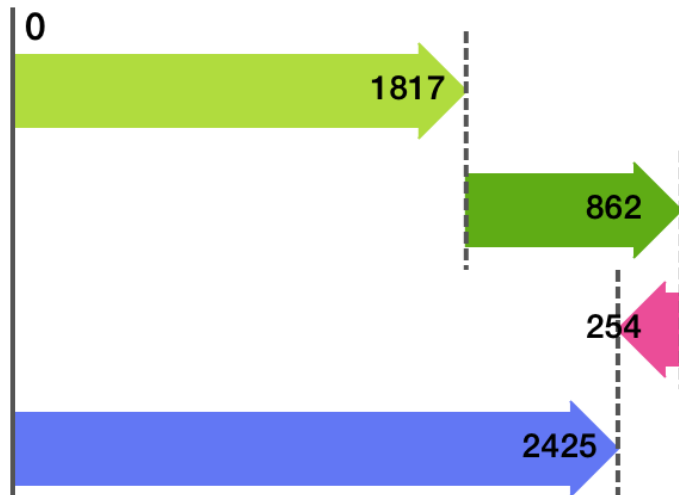
Goals – Daily Calories Review: Guide

- Short guide to reviewing the setup of all daily active calories and their deficits



Daily Calory Total

Metabolic Calories:	+1817
Exercise Calories:	+862
Weight Loss Calories:	-254
Net (Food) Calories:	=2425



Goals: Daily Calories Total

- Numerical and graphical aid in visualizing:
 - The food calories goal
 - Relation among calories consumes, expanded and weight-loss caloric deficit

Food Calories - Formula

- Net (food) calories determined automatically
- Food calories must balance the calories expended through exercise and metabolism plus the caloric deficit determined in weight-loss goal

$$\text{Food Calories} = \text{Calories Expended} - \text{Calories Deficit}$$

- Calories Expended (exercise and metabolism)
- Calories Deficit (determined in Weight-Loss Plan – last entry in Goals View)

Weekly Weight-Loss: User's Guide



Calories Meal Planner Guide

Calories Meal Planner prompts the user to setting the *caloric contents* of each of the *five meals of the day* supported by the planner. Each meal calories can be defined either by the *absolute value* or *percentage* of the total daily calories.

Suggested Calories Balance Goal is listed at the top of the page. This value accords to *Daily Calorie Balance*, which balances calories of *Metabolism*, *Exercise* and eventual *deficit* due to the *Weight Loss Plan* with *Food* calories.

The total amount of meal calories accumulated in all meal goals is listed as *User-set Total* at the bottom of the selection part. The user does not need to follow the suggested *Calories Balance Goal* in scheduling calories for each meal.

If Calories Balance Goal differs from *User-set Total*, then the *pop-up question* appears regarding which of the above two values should be used as the *Calories Meals Goal*.

The selected Calories Meals Goal is propagated to *Exercise Tracking*, *Meals*, *Daily*, *Weekly* and *Weight-Loss Trends*.

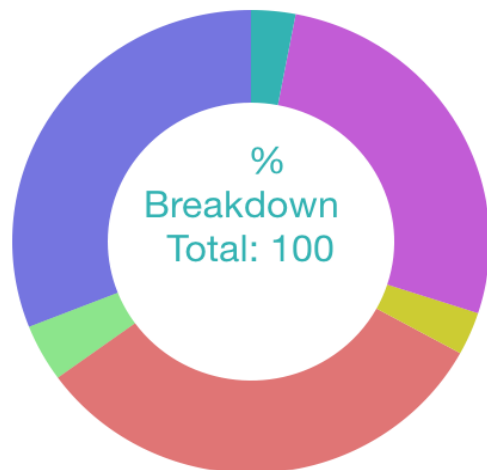
The doughnut graph at the *bottom of the page* shows the *percentage distribution of calories* among all the considered meals.

The Calories Meal Goal must be confirmed by pressing *Confirm* button in the *upper right corner* of the screen.

Calories Balance Goal: 2425

	%	kcal
Breakfast	31	752
Morning Snack	4	97
Lunch	32	778
Afternoon Snack	3	72
Dinner	27	654
Extra Meal	3	72

User-set Total: 100 2425



Goals: Calories Meal Planner

- Calories goal enables:
 - Control over calories consumption
 - Realization of weight-loss plan

User Entry

- Calories per each meal
 - Can be entered either as numbers of percentage of total daily calories

Distribution of Carbs Goal

- Calories Goal is pushed to:
 - Pedometer View (1st entry in Console View) for Daily Calories Balance
 - Meals (2nd entry in Console View)

Confirmation

- When completed, data saved by pressing Confirm Button



Carbs Meal Planner Guide

Carbs Meal Planner allows the user to set the amount of *carbs per each meal* of the day.

The Daily Total Carb Goal, displayed at the top of the page is the *total amount of carbs goals* accumulated in all meals.

The Carbs Goal must be confirmed by pressing *Confirm* button in the *upper right corner* of the screen.

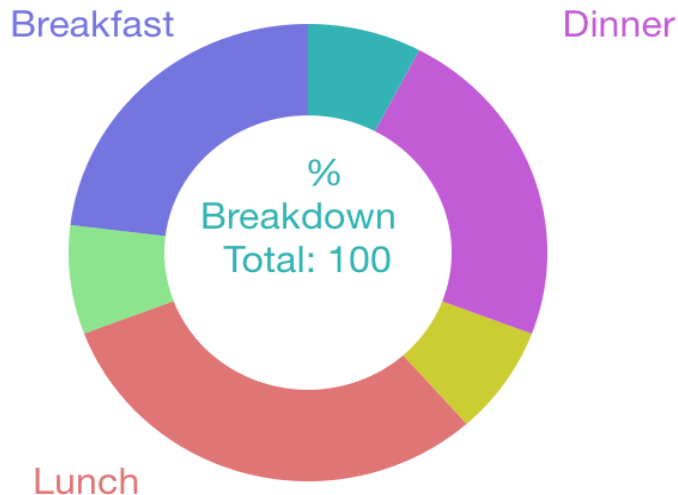
Goals – Carbs Meal Planner: Guide

- Short guide to setting carbs count of all daily meals

[< Goals](#) **Carbs Meal Planning** [Confirm](#)

Daily Total Carb Goal: 130

	grams
Breakfast	30
Morning Snack	10
Lunch	40
Afternoon Snack	10
Dinner	30
Extra Meal	10



Goals: Carbs Meal Planner

- Carbs goals aids in planning daily meals
 - Particularly recommended for users with diabetes and pre-diabetes

User Entry

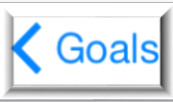
- Carbs per each meal
- As positions are filled percentage breakdown of carbs is displayed as donut graph

Distribution of Carbs Goal

- Carbs Goal is pushed to:
 - Meals (2nd entry in Main Page)

Confirmation

- When completed, data saved by pressing Confirm Button



Meal Timing Habits Guide

Daily Meal Timing Habits allow the user to schedule the *time of each meal*. This information is *optional*, however it is *useful* for *issuing reminders* to the user in the case the meal data is *not entered* at the time of the *scheduled meal*.

The set meal times must be *confirmed and activated* by pressing *Confirm and Activate* button at the *top of the page*.

Goals – Meal Timing Habits: Guide

- Short guide to setting approximate time of all daily meals



Daily Meal Timing

Confirm and Activate

Breakfast	08:00
Morning Snack	10:00
Lunch	12:00
Afternoon Snack	15:00
Dinner	17:00
Extra Meal	15:00

Goals: Daily Meal Time Planner

- Schedule of approximate meal times
 - Helps keeping meals regularly

User Entry

- Planned time of each daily meal

Confirmation

- When completed, the plan is saved by pressing Confirm and Activate button

Weekly Weight-Loss: User's Guide



Weight Loss - Active Guide

Weight-Loss Plan assists in the weight-loss process by tracking the *weekly calories deficit* based on the *current user's weight, weight goal* and *duration (in weeks)* of the weight plan. Its activation tracks *calories deficit* to obtain intended *weight loss*.

Current Weight is ported *automatically* from one of: *Personal Settings, Weekly Trends* or *Weekly Weight-Loss* entries. It is recommended to *keep the updated weight* by entering the weight *once a week*.

Goal Weight is the *intended weight* entered by the *user*. **Weight-Loss Duration** is expressed in *weeks* of the weight-loss plan. The *completion date* of the plan is calculated by the tool. **Weight-Loss Plan** describes *Daily Calories Deficit* needed to *approximately obtain* the planned Weekly Weight Loss. The intended *Weekly Weight Loss* remains constant, but the *Daily Calories Deficit* may *change weekly* with the progress of the weight loss.

The Daily Calories Deficit can be checked in *Goals: Weight-Loss Plan, Daily Calories Review*, or in *Weekly Weight-Loss* entry. *Daily Calories Deficit* can be obtained either through *restrictions on the consumed food* or through the *increase of exercises*.

Sample Exercise lists the *step count* or *duration* of *walking* and *running* in all considered speeds *exerting* the *Daily Calories Deficit*.

Severity of the plan depends on the *weekly loss*. **The weight loss plan** is *activated* by pressing *Confirm and Activate* button. *The Weight-Loss plan can be changed before the completion of the previously set plan. However, any changes must be confirmed.*



Weight Loss Plan

Confirm and Activate

Body Weight Data

Current Weight 71 kg

Goal Weight 65 kg

Intended Weight Loss 6 kg

Weight-Loss Duration

Goal Duration [Weeks] 26

End Day: Dec-31

Weight-Loss Plan

Daily Calories Deficit: 254

Weekly Weight Loss 0.23 kg

Weight-Loss Plan: Medium

Explanation

Sample Exercise

Goals: Weight Loss Plan

Body Weight Data

- Initial Weight is taken either from:
 - Settings or Weekly Trends (if updated in the last week)
- Goal Weight Loss is entered by user

Weight-Loss Duration

- User enters weeks of weight-loss plan
 - End day is calculated with respect to the current date

Weight-Loss Plan

- **Daily Calories Deficit**: automatically determined deficit of calories consumed vs. expended in exercises and metabolism
 - To keep planned weekly weight loss, daily calories balance can be adjusted automatically each week
 - Daily calories balance reported on Weekly Weight-Loss View
- **Weekly Weight Loss**: intended weekly weight lost
- **Weight-Loss Plan**: severity of approach



Weight Loss Plan

Confirm and Activate

Body Weight Data

Current Weight 71 kg

Goal Weight

Intended Weight Loss 6 kg

Weight-Loss Duration

Cancel

Enter

1

2

ABC

3

DEF

4

GHI

5

JKL

6

MNO

7

PQRS

8

TUV

9

WXYZ

.

0



Goals: Weight Loss Plan

Entering Data

- User data entered by tapping on the data fields in the page
- Upon tapping empty Goal Weight field the keypad appears on the screen



Goals

Weight Loss Plan

Confirm and Activate

Body Weight Data

Current Weight 71 kg

Goal Weight 65 kg

Intended Weight Loss 6 kg

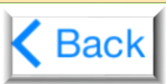
Initial Weight is either taken from Personal Settings or the last Weekly Weight-Loss update, whichever was set latest. Daily Calories Deficit is determined each week of Weight-Loss program based on your new weight. It is displayed here as well as on the Weekly Weight-Loss Progress.

OK

Goals: Weight Loss Plan

Explanation Buttons

- Key explanations for weight-loss program



This is not Exercise Goal Setting Page. Use it Only for Estimating Exercise Time and Effort.

Exercise Calory Expenditure

Exercise Calories **254**

Verification

Steps & duration for calorie goals

Steps Time[min]

Walk

km/h	Slow	or km/h	Regular	or km/h	Fast
2.0	4914	5.0	4410	6.5	3981
3.5	4777				

Run

8.0	2879	11.0	2597	14.0	2425
9.5	2736	12.5	2489	16.0	2399

Goals: Weigh- Loss Plan Sample Exercise - Steps

- Caloric deficit of weight-loss program can be achieved through calories food reduction or exercises
- Upon pressing Sample Exercise, user is shown:
 - Sample exercises (**steps**) to reach the caloric deficit of the weight-loss programs

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This is not Exercise Goal Setting Page. Use it Only for Estimating Exercise Time and Effort.

Exercise Calory Expenditure

Exercise Calories **254**

Verification

Steps & duration for calorie goals

Steps

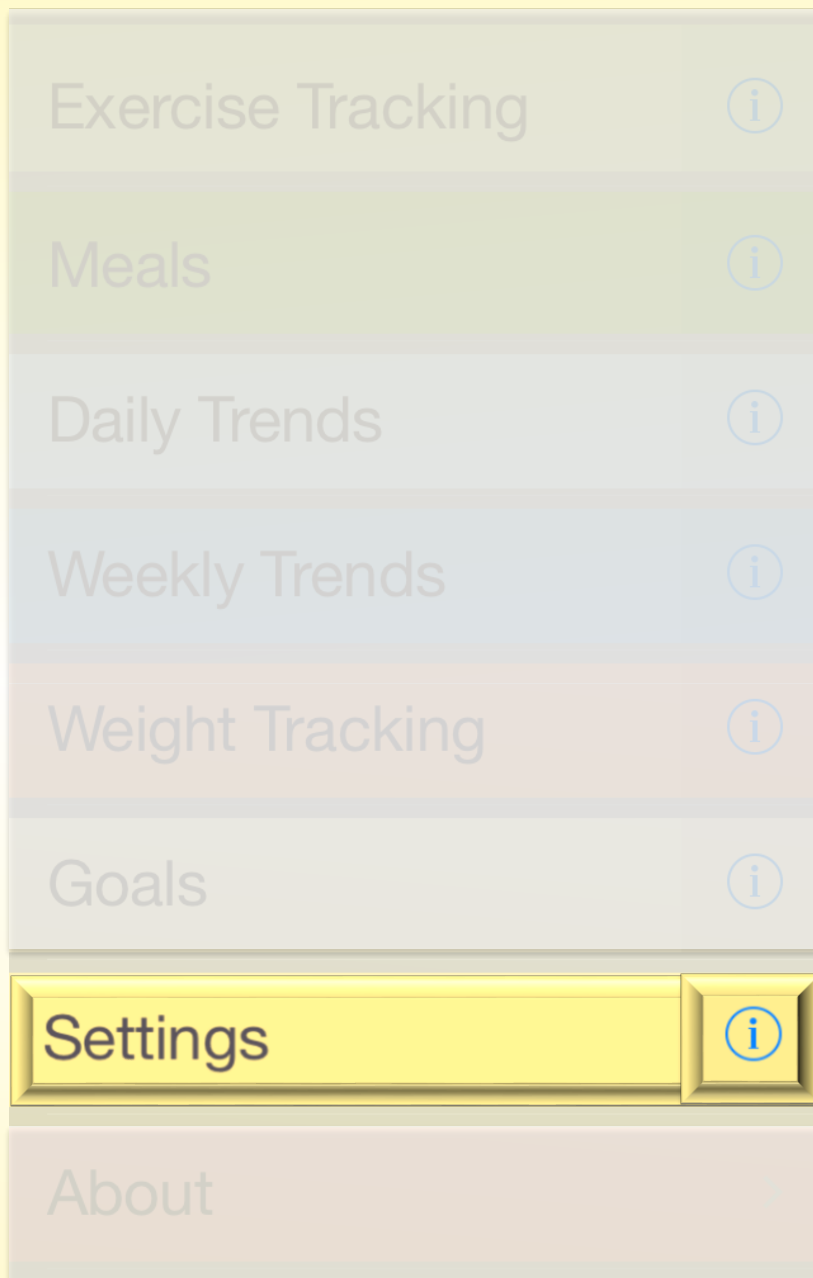
Time[min]

Walk

	Slow	or	Regular	or	Fast
km/h		km/h		km/h	
2.0	115	5.0	38	6.5	29
3.5	57				
Run					
8.0	20	11.0	15	14.0	12
9.5	17	12.5	13	16.0	10

Goals: Weigh- Loss Plan Sample Exercise - Duration

- Caloric deficit of weight-loss program can be achieved through calories food reduction or exercises
- Upon pressing Sample Exercise, user is shown:
 - Sample exercises (**duration**) to reach the caloric deficit of the weight-loss programs



Settings

- Entry for introducing personal user data as well as various display and counting schemes

Personal Settings

- Date of birth
- Gender
- Weight and high

Measurement Units

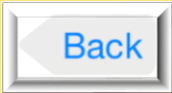
- Two choices of measurement units: standard and imperial
 - Weight, volume and distance reported in selected units

Personal Settings

- List of E-mail contacts for automatic sharing some of views

Carb Counting

- Inclusion or exclusion of fiber in counting carbs towards carbs consumption goal



Settings Guide

Settings section is a **mandatory entry** to be filled by the user with *personal* and *administrative data* before using *Carb and Move* tool. Based on the personal data, the tool is able to better trace the exercise speed, distance and calories expenditure.

Settings: User's Guide

- Short guide to Settings options

[< Back](#)

Personal Settings



Measurement Units



E-mail Recipients



Carb Counting



Settings - Options

Note

- The tool will not operate correctly without a correct setting
- Settings must be done before first time of launching the tool
- Some settings data like weight or height must be updated upon changes to guarantee the correct operation of the tool



Personal Settings Guide

Personal Settings is **mandatory** to be filled by the user for better *exercise*, *food* and *weight-loss plan* tracking.

The units of height and weight can be either *metric* or *imperial*, depending on the user's preferences set in *Measurement Units* section of the *Settings*.

Settings: Personal Setting Guide

- Short guide to filling up and application of Personal Settings



My Settings

Height

160.0

Weight

50.0 kg

Gender

Male

Female

Birthday

1981-9-30

Your BMI: 19.53

Settings: Personal Settings


- The user enters: height, weight, gender and date of birth

Changes to Personal Settings

- If changes happen often (children) then users can update data through this view
- If weight changes, user can introduce the new weight:
 - In this page
 - In Weekly Trends (4th entry in the Console View)

Note

- Personal data is used for precise operation of pedometer and determination of energy balance
- Keeping personal data up to date is mandatory

 Back

My Settings

Height

160.0

Weight

50.0 kg


Gender

Cancel

Male

Female

Enter

1	2 ABC	3 DEF
4 GHI	5 JKL	6 MNO
7 PQRS	8 TUV	9 WXYZ
	.	0
		

Settings: Personal Settings

- Entering Data (Height and Weight)

- Height and Weight can be entered by tapping on the highlighted field
- The keypad for entering data will occur



My Settings

Height

160.0

Weight

50.0 kg

Gender

Done

June	28	2010
July	29	2011
August	30	2012
September	31	2013
October	1	2014
November	2	2015
December	3	2016
January	4	2017
February	5	2018

Settings: Personal Settings - Entering Data (Date of Birth)

- Upon tapping Date of Birth entry, a date picker is called for selecting month day and year





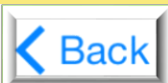
Measurement Units Guide

Measurement Units setting is need, among others, for reporting of *speed* and *distance* coverend in *exercise routines*, *weight* and *volume* of *consumed food*, user's *weekly weight changes*.

The tool offers the user the choice between *metric* and *imperial* units. The *default* setting is *metric*.

Settings: Measurement Units Guide

- Short guide to filling Measure Units section



Unit Settings

Length Units

metric: meter [m], kilometer [km]

imperial (US): feet [ft], miles [mi]

metric imperial

Weight

metric: grams [g], kilograms [kg]

imperial (US): ounce [oz], pound [lb],
stone

metric imperial

Volume

metric: milliliter [ml], liter [l]

imperial (US): ounces [oz]

metric imperial

Settings: Measurement Units

- User can select between **metric** and **imperial** measurement units of length, weight and volume
- Once selected, all the relevant data will be reported in the chosen units
- Measurement units can be changed at any time
- Mixing of metric and imperial units is allowed
 - For example: weight reported in imperial and length in metric units

Note

- Mixing of metric and imperial measurement units is allowed
 - For example user can select reporting of length in metric units and weight in imperial ones



E-mail Recipients Guide

E-mail Recipients entry stores *e-mail addresses* of recipients of *view captures* of *selected pages* of *Carb and Move*.

The user must enter the addresses *manually*. Upon setting mailing addresses all *pages*, which have *email button* in the upper left or right corner can be *sent* by *pressing* this button.

Settings: E-mail Recipients Guide

- Short guide to filling E-mail Recipients section



Recipients


Enter comma-separated list
of e-mail recipients:

*Key pedometer pages have e-mail
button.*


*Upon pressing e-mail button, the screen
capture of the page will be sent
to address provided above.*

Settings: E-mail Recipients

- Screen capture of key views can be easily e-mailed to selected recipients
- Views with data to be sent have an E-mail button in their upper right corner
 - Pressing E-mail button on a given view will cause an automatic emailing of a screen capture of this view

 Back Recipients

Enter comma-separated list of e-mail recipients:



Cancel Enter

Q W E R T Y U I O P
A S D F G H J K L
↑ Z X C V B N M ↵
123 🌐 🎤 space return

Settings: E-mail Recipients

- Entering E-mail addresses

- E-mail addresses of recipients, separated by comma can be entered by tapping the blue prompt



Carb Counting Guide

Carb Counting entry is designed particularly for users watching their *carbs intake*.

This option allows the user to *include* or *exclude fiber* in the *total carbs count* of an *individual food item* or *whole menu*.

The Default setting *includes fiber* in reporting of the overall carb content of the considered food.

Settings: Carb Counting Guide

- Short guide to filling Carb Counting section

Note

- Including or excluding fiber in total carbs counted in consumed item(s) is particularly important for users dealing with diabetes related issues



Including Fibers

Food item nutrients report always includes fiber in total carbs listing:
Carbs [g] (Fiber Included)

User can select Available Carbs reported in Carbs Goal and Item
Nutrients to include or exclude fiber

Fiber in Available Carbs Reporting

Include

Subtract



Settings: Carb Counting

Carbs Goal

- Daily total and per meal consumption of carbs and calories are set in Goals (6th entry in Console View)

Standard Carbs Reporting

- Standard Nutrition Facts reporting include listing of total carbs contents and fiber contents of food item

Selective Carbs Reporting

- In counting carbs towards meal carbs goals the user has an option to **include** or **subtract fiber** from the total carbs of accounted food item as well as a complete meal

Exercise Tracking



Meals



Daily Trends



Weekly Trends



Weight Tracking



Goals



Settings



About



About

- Short description of the use of this application
- Facebook and Website locations with:
 - Detailed project description
 - Updated articles and news regarding about fitness and diets

About: User's Fast Guide

[< Back](#)

For precise tracking of daily food intake and exercise, Carb and Move should be brought to the foreground before registering the first activities of the day. Afterwards, Carb and Move runs in the background registering daily activities. All meals must be entered explicitly by the user.

Carb and Move tracks *food, exercise, daily/ weekly energy balances* and *weight-loss progress*.

Exercise tracking reports the progress in *daily activities (walking or running)* as well as *short-term exercise goals*.

Meal entry actively tracks *nutrients intake* for each of 5 daily meals. The tool also contrasts *calories* and *carbs consumptions* vs. user's set *meal goals*. The *calories goal* for each meal can be *automatically modified* based on the *increase/ decrease of exercise levels* and *under/over consumption of calories* in previous meals. *Carbs counting* of each meal can include or exclude *fiber*, depending on *Settings*.

Daily Trends outline the *balance* of *energy consumed* and *expended*.

Weekly Trends track *exercise, nutrients* and *daily balances* over a *week*. Users can view summary of each *consumed meal* in the *week*. The tool also trace the *current weight*.

Weight-loss, if activated, *assist* the effort to achieve a planned *weight loss*.

Goal setups allows *multiple types* of *daily* and *short-term* exercise and meal goals.

Settings specify *personal data* and *measurement units*.

[Site](#)

[Web Link](#)