## Nutrition

Food provides energy that athletes need to perform. Top athletes may need a shocking number of **calories**. Swimmer Michael Phelps once claimed to eat a whopping 12,000 calories a day when he was training for the Olympics. That's definitely outside of the norm.

Doctors recommend that meals consist of a healthy balance of foods. This balance includes filling our plates mostly with fruits and vegetables. These should take up about half of a plate at mealtime. About  $\frac{1}{4}$  of the plate should have grains, such as brown rice and whole-grain bread. The last  $\frac{1}{4}$  of our plate should include lean protein, such as fish or chicken. Healthy fats and dairy foods should be consumed in small amounts. Healthy fats include nuts and seeds, while dairy products include milk, cheese, and yogurt.

Many athletes eat a small meal or snack every few hours. When people eat, their bodies store **glycogen**. It's the fuel that gives people energy. About 2,000 calories can be stored at a time. But, some athletes need more fuel. That's why long-distance runners eat extra foods that give them added energy. They may even fuel up during a race with energy gels or sports drinks.





