



SNOWBOARDING

Did You Know...

- 51% of snowboarders are ages 7-17
- 27% of snowboarders are women
- One of every eight snowboarders is aged 25 to 44
- 6.6 million people participate in snowboarding
- Snowboarding is among the fastest growing sports in the United States

Fitness Benefits and/or Muscles Used

- Snowboarding uses a variety of muscles including the hamstrings and quadriceps to guide the board, start it in motion and to stop.
- Snowboarding requires strong calf muscles which are used to coordinate toe-side traverses down the mountain.
- Abdominal muscles are used to provide strength and stability.
- Ankle and feet muscles are used for steering and balance.

Calories Burned

Adults*

Children**

<u>Activity</u>	<u>Calories burned/hr</u>	<u>Weight</u>	<u>Calories burned/hr</u>	<u>Weight</u>
Snowboarding/recreational	250-630 calories/hr	110-200 lbs	200-250 calories/hr	70-110 lbs
Snowboarding/competitive	700-1260 calories/hr	110-200 lbs	560-700 calories/hr	70-110 lbs

*Snowboarding by Robert Reichenfeld & Anna Breuchert **calculations are estimates based on consultation with American College of Sports Medicine

Even More Good News

- Sherman Poppen is usually credited with inventing the snowboard in 1965 with his child's toy, the Snurfer. Among those who started making metal-edged snowboards in the 1970s are Jake Burton Carpenter (Burton), Dmitrije Milovich (Winterstick), Tom Sims (Sims) and Chris Saunders (Avalanche).
- Snowboarding hit a crescendo in the mid 1990s and has enjoyed consistent growth in recent years.
- There are two primary styles of riding; freestyle/freeride, which emphasizes riding in halfpipes and terrain parks; and alpine/carving, which emphasizes carving turns down the mountain.
- In 1998, snowboarding debuted in the Olympics in Nagano, Japan with a giant slalom and halfpipe competition.
- In the 2002 Olympics in Park City, Utah, the U.S. men's snowboarding team swept the halfpipe event: It was the first medal sweep in the Winter Olympics for any nation since U.S. men's figure skaters won gold, silver and bronze in the 1956 Games. In women's, Kelly Clark took the gold.
- Many resorts are catering to families with young children by offering day-care centers and lessons/equipment rental and skill improvement programs to get younger children involved in this popular sport.

Sources: Snowboarder Magazine, freethesnow.com, National Sporting Goods Association 2004 Sports Participation Study

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