









USA Sports Participation Study























Methodology

During late January 2007/early February a total of 60,169 online interviews were carried out with a nationwide sample of individuals from the US Online Panel operated by Synovate (formerly Market Facts). The total panel has over 1 million members and is maintained to be representative of the US population. Over sampling of ethnic groups took place to boost response from typically under responding groups.

A weighting technique was used to balance the data to reflect the total US population aged 6 and above. The following variables were used: gender, age, income, household size, region and population density. The total population figure used was 274,110,000.

Previous SGMA data was based on a different questionnaire, a different sample size (around 15,000) and different panel (a mail panel). With the new method we have restated the previous participation numbers. There are two elements to this:

- 1. For sports where the changes in definition gave no history from the previous SGMA studies, we have only shown the 2006 number from the new method
- 2. For sports where the definition is unchanged and there is history available from SGMA data, we have used 2005 and 2006 totals from the new survey. We then applied the historical SGMA year on year changes to revise all the participation numbers back from 2004 to the year 2000.

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Statistical analysis and charts were produced by Sports Marketing Surveys.



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Guide to Reading Tables

Table Key

Segment % = share of each sub-group

Index vs. Total Pop. (Profile Detail) = compares the % of sports participants in that group to the actual % that group represents of the total U.S. population, i.e. an index of 100 means the % of this groups sports' participants equals the % of the national population who participate.

Participation Rate by Group = % of that group's total U.S. population who are participants

Index vs. Total Pop. (Cross Participation) = compares the % of Billiards participants by group who also participate in another given sport to the % of the total U.S. population who participate in that sport, i.e. an index of 100 means the % of Billiards participants also participating in this sport equals the % of the national population who participate in that sport.



Billiards – Fast Facts

- There are 46,990,000 Billiards participants in the U.S.
- There are 13,470,000 frequent (25+/year) Billiards participants in the U.S.
- 59% of all Billiards participants are male and 62% of frequent (25+/year) Billiards participants are male.
- 40% of all Billiards participants are under 25 years old; 44% of frequent (25+/year) Billiards participants are under 25.
- 60% of all Billiards participants have a household income of under \$75,000 per year.
- 42% of all Billiards participants reside in a market size of 2,000,000+.
- 30% of all Billiards participants have a college degree or higher.
- 34% of all Billiards participants also participated in darts, 20% in table tennis, and 54% in bowling.



Billiards Total Participation



Billiards Participation Overview

2000	2001	2002	2003	2004	2005	2006	1 yr % Change (2005-2006)	3 yr % Change (2003-2006)	6 yr % Change (2000-2006)
45,405	47,561	47,881	49,334	44,040	42,596	46,990	10.3%	-4.8%	3.5%

Participation figures are in thousands.

ĺ	1 yr % Change	3 yr % Change	6 yr % Change
	in Pop	in Pop	in Pop
	(2005-2006)	(2003-2006)	(2000-2006)
	1.0%	2.7%	5.7%



Billiards Participation Rate



Billiards Participation Rate Overview

	2000	2001	2002	2003	2004	2005	2006	1 yr % Point Change (2005-2006)	3 yr % Point Change (2003-2006)	6 yr % Point Change (2000-2006)
l	17.5%	18.2%	18.2%	18.5%	16.3%	15.7%	17.1%	1.4%	-1.3%	-0.4%



All Billiards Participants

	Total # of			
	Part.		Index vs.	Participation
	(000s)	Segment %	Total Pon	Rate by Group
Total	46990	100%	-	17 1%
	40330	100 / 8		17.170
Male	27572	58.7%	120	20.5%
Female	19418	41 3%	81	13.9%
	10410	411070		10.070
6~12	3760	8.0%	78	13.3%
13~17	5532	11.8%	147	25.2%
18~24	9427	20.1%	195	33.4%
25~34	9272	19.7%	134	23.0%
35~44	7985	17.0%	106	18.2%
45~54	6455	13.7%	86	14.8%
55~64	2680	5.7%	50	8.5%
65+	1878	4.0%	30	5.2%
Under \$25000	7512	16.0%	88	15.1%
\$25000 to \$49999	11341	24.1%	94	16.1%
\$50000 to \$74999	9432	20.1%	99	17.0%
\$75000 to \$99999	6379	13.6%	100	17.1%
\$100000+	12325	26.2%	118	20.2%
New England	2107	4.5%	91	15.7%
Middle Atlantic	5745	12.2%	89	15.2%
East North Central	7862	16.7%	107	18.4%
West North Central	3563	7.6%	111	19.1%
South Atlantic	8540	18.2%	95	16.3%
East South Central	2588	5.5%	93	16.0%
West South Central	5824	12.4%	112	19.1%
Mountain	3419	7.3%	104	17.8%
Pacific	7341	15.6%	99	17.0%
Non-MSA	8102	17.2%	92	15.8%
MSA <500,000	8314	17.7%	94	16.1%
MSA 500,000-2,000,000	10901	23.2%	104	17.8%
MSA 2,000,000+	19672	41.9%	104	17.9%
8th Grade or Less	5939	12.6%	90	15.4%
1-3 years of High School	4820	10.3%	155	26.5%
High School Grad	7667	16.3%	94	16.2%
1-3 years of College	14580	31.0%	121	20.8%
College Grad	9120	19.4%	102	17.4%
Post-Grad Studies	4790	10.2%	80	13.7%
Unspecified	74	0.2%	3	0.6%



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Frequent (25+/year) Billiards Participants

	Total # of			
	Part.		Index vs.	Participation
	(000s)	Seament %	Total Pop.	Rate by Group
Total	13470	100%	-	4.9%
Male	8361	62.1%	127	6.2%
Female	5109	37.9%	74	3.7%
6~12	985	7.3%	71	3.5%
13~17	1899	14.1%	176	8.7%
18~24	3020	22.4%	217	10.7%
25~34	2344	17.4%	118	5.8%
35~44	1935	14.4%	90	4.4%
45~54	1930	14.3%	90	4.4%
55~64	757	5.6%	49	2.4%
65+	599	4.4%	34	1.7%
Under \$25000	2389	17.7%	98	4.8%
\$25000 to \$49999	3387	25.1%	98	4.8%
\$50000 to \$74999	2703	20 .1%	99	4.9%
\$75000 to \$99999	1550	11.5%	85	4.2%
\$100000+	3441	25.5%	115	5.6%
New England	483	3.6%	73	3.6%
Middle Atlantic	1556	11.6%	84	4.1%
East North Central	2208	16.4%	105	5.2%
West North Central	985	7.3%	107	5.3%
South Atlantic	2157	16.0%	84	4.1%
East South Central	822	6.1%	103	5.1%
West South Central	2022	15.0%	135	6.6%
Mountain	1020	7.6%	108	5.3%
Pacific	2217	16.5%	105	5.1%
Non-MSA	2559	19.0%	102	5.0%
MSA <500,000	2178	16.2%	86	4.2%
MSA 500,000-2,000,000	3528	26.2%	117	5.8%
MSA 2,000,000+	5204	38.6%	96	4.7%
8th Grade or Less	1796	13.3%	95	4.7%
1-3 years of High School	1565	11.6%	175	8.6%
High School Grad	2670	19.8%	115	5.6%
1-3 years of College	4356	32.3%	127	6.2%
College Grad	2135	15.9%	83	4.1%
Post-Grad Studies	930	6.9%	54	2.7%
Unspecified	18	0.1%	3	0.1%



Male Billiards Participants

	Total # of		Index vs.	
	Part.		Total Male	Participation
	(000s)	Segment %	Pop.	Rate by Group
Total	27572	100%	-	20.5%
6~12	2484	9.0%	70	14.3%
13~17	4769	17.3%	138	28.4%
18~24	4894	17.7%	178	36.6%
25~34	3760	13.6%	151	31.0%
35~44	4252	15.4%	120	24.7%
45~54	3754	13.6%	94	19.4%
55~64	2031	7.4%	59	12.1%
65+	1629	5.9%	37	7.6%
Under \$25000	3033	11.0%	85	17.5%
\$25000 to \$49999	6038	21.9%	94	19.2%
\$50000 to \$74999	5560	20.2%	98	20.2%
\$75000 to \$99999	4110	14.9%	101	20.8%
\$100000+	8831	32.0%	113	23.1%
New England	1214	4.4%	84	17.3%
Middle Atlantic	3602	13.1%	93	19.2%
East North Central	4595	16.7%	105	21.6%
West North Central	1928	7.0%	103	21.1%
South Atlantic	4905	17.8%	95	19.5%
East South Central	1575	5.7%	97	19.9%
West South Central	3559	12.9%	119	24.5%
Mountain	2098	7.6%	105	21.5%
Pacific	4096	14.9%	96	19.7%
Non-MSA	4730	17.2%	92	19.0%
MSA <500,000	4607	16.7%	93	19.0%
MSA 500,000-2,000,000	6706	24.3%	108	22.2%
MSA 2,000,000+	11528	41.8%	102	21.0%
8th Grade or Less	4168	15.1%	86	17.6%
1-3 years of High School	3827	13.9%	142	29.2%
High School Grad	4390	15.9%	103	21.1%
1-3 years of College	7300	26.5%	121	24.9%
College Grad	5035	18.3%	103	21.2%
Post-Grad Studies	2799	10.1%	70	14.4%
Unspecified	53	0.2%	6	1.3%



Female Billiards Participants

	Total # of		Index vs.	
	Part.		Total Female	Participation
	(000s)	Segment %	Pop.	Rate by Group
Total	19418	100%	-	13.9%
6~12	1277	6.6%	84	11.7%
13~17	763	3.9%	106	14.8%
18~24	4533	23.3%	219	30.4%
25~34	5513	28.4%	141	19.5%
35~44	3733	19.2%	101	14.0%
45~54	2702	13.9%	80	11.1%
55~64	649	3.3%	32	4.4%
65+	249	1.3%	12	1.7%
Under \$25000	4480	23.1%	100	13.9%
\$25000 to \$49999	5303	27.3%	98	13.6%
\$50000 to \$74999	3872	19.9%	99	13.8%
\$75000 to \$99999	2269	11.7%	93	13.0%
\$100000+	3495	18.0%	110	15.3%
	1			
New England	893	4.6%	100	13.9%
Middle Atlantic	2143	11. 0 %	81	11.2%
East North Central	3267	16.8%	109	15.2%
West North Central	1635	8.4%	123	17.1%
South Atlantic	3635	18.7%	96	13.3%
East South Central	1013	5.2%	88	12.2%
West South Central	2265	11.7%	102	14.2%
Mountain	1321	6.8%	100	13.9%
Pacific	3245	16.7%	105	14.6%
Non-MSA	3372	17.4%	92	12.8%
MSA <500,000	3707	19.1%	97	13.5%
MSA 500,000-2,000,000	4195	21.6%	97	13.5%
MSA 2,000,000+	8144	41.9%	107	14.8%
8th Grade or Less	1771	9.1%	86	11.9%
1-3 years of High School	993	5.1%	141	19.5%
High School Grad	3276	16.9%	89	12.3%
1-3 years of College	7281	37.5%	129	17.9%
College Grad	4085	21.0%	103	14.3%
Post-Grad Studies	1991	10.3%	93	12.9%
Unspecified	21	0.1%	2	0.2%



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Billiards Participation by Region





Billiards Cross Participation in Other Activities

	% of billiards	
	players who	Index vs Total
	participate	Population
Darts	33.6%	415
Volleyball (Beach)	4.4%	393
Squash	0.8%	385
Volleyball (Grass)	5.9%	374
Table Tennis	20.1%	365
Triathlon (Non-Traditional/Off Road)	0.5%	351
Ultimate Frisbee	5.2%	350
Paintball	6.0%	332
Scuba Diving	3.5%	329
Skiing (Freestyle)	1.9%	328
Telemarking (Downhill)	0.6%	327
Rugby	0.8%	321
Field Hockey	1.1%	320
Racquetball	4.0%	315
Surfing	2.6%	313
Adventure Racing	0.9%	305
Wakeboarding	3.9%	304
Climbing (Traditional/Ice/Mountaineering)	2.1%	303
Football (Touch)	13.2%	302
Snowboarding	6.6%	302
Kayaking (White Water)	1.1%	299
Ice Hockey	2.0%	296
Bicycling (BMX)	2.3%	294
Jet Skiing	7.2%	292
Boxing	2.2%	291
Lacrosse	1.2%	285
Shooting (Sport Clay)	3.8%	284
Shooting (Trap/Skeet)	3.0%	280
Roller Hockey	1.3%	276
Snowmobiling	3.0%	275
Badminton	6.3%	273
Hunting (Handgun)	2.6%	273
Bowling	53.7%	271
Boardsailing/Windsurfing	1.1%	270
Climbing (Sport/Indoor/Boulder)	5.1%	268
Kayaking (Sea/Touring)	1.2%	266
Water Skiing	4.9%	263
Wrestling	3.1%	255



Cross Participation in Other Activities (cont.)

	% of billiards	
	players who	Index vs Total
	participate	Population
Football (Tackle)	8.3%	252
Tennis	13.5%	252
Fishing (Fly)	5.6%	251
Softball (Slow-Pitch)	7.8%	247
Rafting	3.4%	246
Backpacking Overnight - More Than 1/4 Mile From Vehicle/Home	6.3%	244
Volleyball (Court)	5.3%	242
Snorkeling	7.4%	241
Target Shooting (Handgun)	8.5%	238
Cardio Kickboxing	4.2%	236
Trail Running	3.8%	235
Skiing (Cross-Country)	1.5%	234
Golf (Driving Range)	19.3%	233
Bicycling (Mountain/Non-Paved Surface)	5.9%	232
Softball (Fast-Pitch)	1.6%	231
Free Weights (Barbells)	23.1%	231
Basketball	20.6%	229
Snowshoeing	1.1%	228
Rowing Machine	7.2%	226
Target Shooting (Rifle)	9.7%	223
Stair-Climbing Machine	11.3%	222
Stationary Cycling (Spinning)	5.1%	221
Fishing (Saltwater)	10.2%	220
Cross-Country Ski Machine	3.2%	219
Ice Skating	8.4%	218
Skiing (Alpine/Downhill)	5.9%	218
Soccer (Indoor)	3.8%	217
Hunting (Bow)	3.2%	216
Roller Skating (In-line)	10.3%	216
Sailing	2.8%	215
Canoeing	7.5%	213
Abdominal Machine/Device	17.5%	213
Home Gym Exercise	19.9%	213
Kayaking (Recreational)	3.3%	207
Horseback Riding	8.7%	206
Golf (9/18 Hole Course)	21.6%	206
Free Weights (Dumbells)	25.5%	206
Roller Skating (2x2 Wheel)	6.1%	205



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Cross Participation in Other Activities (cont.)

	% of billiards	
	players who	Index vs Total
	participate	Population
Hunting (Shotgun)	6.8%	205
Hunting (Rifle)	8.3%	202
Archery	5.5%	201
Track and Field	3.4%	201
Camping (Within 1/4 Mile of Vehicle/Home)	26.3%	200
Triathlon (Traditional/Road)	0.5%	198
Weight/Resistance Machines	29.9%	198
Baseball	11.6%	197
Martial Arts	4.5%	197
Skateboarding	7.8%	193
Hiking (Day)	20.6%	192
Calisthenics	5.3%	192
Running/Jogging	26.5%	192
Aerobics (High-Impact)	7.3%	191
Stationary Cycling (Upright)	18.0%	191
Aerobics (Step)	5.9%	191
Elliptical Motion Trainer	15.4%	186
Camping (RV)	11.7%	185
Pilates Training	7.2%	185
Scooter Riding (Non-Motorized)	5.7%	184
Fishing (Freshwater/Other)	29.9%	184
Wildlife Viewing More Than 1/4 Mile From Home/Vehicle	13.7%	184
Stretching	21.8%	183
Free Weights (Hand Weights)	30.2%	183
Soccer (Outdoor)	9.6%	179
Other Exercise to Music	14.1%	179
Swimming (Fitness/Competition)	12.2%	179
Stationary Cycling (Recumbent)	7.1%	175
Bicycling (Road/Paved Surface)	24.2%	168
Aerobics (Low-Impact)	13.2%	168
Cheerleading	1.9%	167
Aquatic Exercise	5.8%	164
Yoga/Tai Chi	8.2%	159
Birdwatching More Than 1/4 Mile From Home/Vehicle	6.4%	157
Treadmill	27.8%	153
Gymnastics	2.4%	145
Walking (Fitness)	48.3%	132





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