


## Participation Study



## BILLIARDS



SEMEA

## 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 <br> $(2005-2006)$ | 3 yr \% Change <br> $(2003-2006)$ | 6 yr \% Change <br> $(2000-2006)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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.

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| 1 yr \% Change <br> in Pop <br> $(2005-2006)$ | 3 yr \% Change <br> in Pop <br> $(2003-2006)$ | 6 yr \% Change <br> in Pop <br> $(2000-2006)$ |
| :---: | :---: | :---: |
| $1.0 \%$ | $2.7 \%$ | $5.7 \%$ |

## Billiards Participation Rate



Billiards Participation Rate Overview

| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |  | 1 yr \% Point <br> Change <br> $(2005-2006)$ | 3 yr \% Point <br> Change <br> $(2003-2006)$ | 6 yr \% Point <br> Change <br> $(2000-2006)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $17.5 \%$ | $18.2 \%$ | $18.2 \%$ | $18.5 \%$ | $16.3 \%$ | $15.7 \%$ | $17.1 \%$ |  | $1.4 \%$ | $-1.3 \%$ | $-0.4 \%$ |

## Profile Detail

All Billiards Participants

|  | $\begin{gathered} \text { Total \# of } \\ \text { Part. } \\ \text { (000s) } \\ \hline \end{gathered}$ | Segment \% | Index vs. Total Pop. | Participation Rate by Group |
| :---: | :---: | :---: | :---: | :---: |
| Total | 46990 | 100\% | - | 17.1\% |
| Male | 27572 | 58.7\% | 120 | 20.5\% |
| Female | 19418 | 41.3\% | 81 | 13.9\% |
| 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\% |

Profile Detail
Frequent (25+/year) Billiards Participants

|  | Total \# of <br> Part. <br> (000s) <br> (3a70 | Segment \% | Index vs. <br> Total Pop. | Participation 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\% |

## Profile Detail <br> Male Billiards Participants

|  | $\begin{gathered} \text { Total \# of } \\ \text { Part. } \\ \text { (000s) } \\ \hline \end{gathered}$ | Segment \% | Index vs. Total Male Pop. | Participation 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\% |

## Profile Detail <br> Female Billiards Participants

|  | Total \# of <br> Part. <br> (000s) | Segment \% | $\begin{gathered} \hline \text { Index vs. } \\ \text { Total Female } \\ \text { Pop. } \\ \hline \end{gathered}$ | Participation 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\% |
|  |  |  |  |  |
| 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\% |

## Billiards Participation by Region



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Billiards Cross Participation in Other Activities

|  | \% of billiards <br> players who <br> participate | Index vs Total <br> 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 |
| lce 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 <br> players who <br> participate | Index vs Total <br> 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 |
|  |  |  |
|  |  | 2 |

## Cross Participation in Other Activities (cont.)

|  | \% of billiards <br> players who <br> participate | Index vs Total <br> 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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