In planning new facilities or deciding on current court numbers, the question of how many racquetball courts is important. Studies indicate that facilities should be planned based on the number of player within a 6-mile radius or 15-20 minutes driving time to the site. Consider the population within that radius.

The below figures are based on a 2016 SFIA Report taking participation numbers against the population total and usage rate for racquetball court programming.

- 291,141,894 million people in the US over 6 years old in 2015
- 3,883,000 million racquetball players in the US in 2015 over 6 years old
- 1.33% of US population plays racquetball each year
- 1,255,000 core players in the US playing at least 1 day per month
- .04% core players in the US

<table>
<thead>
<tr>
<th>Population</th>
<th>Core Players</th>
<th>Minimum Courts Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>10,000</td>
<td>40 players</td>
<td>1 court</td>
</tr>
<tr>
<td>25,000</td>
<td>100 players</td>
<td>2 courts</td>
</tr>
<tr>
<td>50,000</td>
<td>200 players</td>
<td>4 courts</td>
</tr>
<tr>
<td>100,000</td>
<td>400 players</td>
<td>8 courts</td>
</tr>
<tr>
<td>250,000</td>
<td>1,000 players</td>
<td>20 courts</td>
</tr>
</tbody>
</table>

A good rule of thumb is that most markets can support one indoor court for every 10,000 people. Depending on programming offered, each court can support from 36 to 60 players.

- **15 hours per day of court time available per day x 4 players per hour = 60 players per court**

**Typical Racquetball Playing Schedule:** (80% doubles)

- 5am-8am: 4 players per hour x 3 hours = 12 players
- 12pm-2pm: 4 players per hour x 2 hours = 8 players
- 4pm-8pm: 4 players per hour x 4 hours = 16 players

**36 total players per court per day**
PROGRAMMING
Leagues

Singles League
2 people per court per hour x 3 hours = 6 people per court

1 court = 6 person league
2 courts = 12 player league
3 courts = 18 player league
4 courts = 24 player league
5 courts = 30 player league
6 courts = 36 player league
7 courts = 42 player league
8 courts = 48 player league
9 courts = 54 player league
10 courts = 60 player league

Doubles League
4 people per court per hour x 3 hours = 12 people per court

1 court = 12 person league
2 courts = 24 player league
3 courts = 36 player league
4 courts = 48 player league
5 courts = 60 player league
6 courts = 72 player league
7 courts = 84 player league
8 courts = 96 player league
9 courts = 108 player league
10 courts = 120 player league
Single Elimination Tournament

8 player division
Quarters: 4 matches x 1 hour = 4 hours
Semi Finals: 2 matches x 1 hour = 2 hours
Finals: 1 match x 1 hour = 1 hour
7 hours (min 1 court)

16 player division
Round of 16: 8 matches x 1 hour = 8 hours
Quarters: 4 matches x 1 hour = 4 hours
Semi Finals: 2 matches x 1 hour = 2 hours
Finals: 1 match x 1 hour = 1 hour
15 hours (min 2 courts for 8 hours)

24 player division
1st Round: 4 matches x 1 hour = 4 hours
Round of 16: 8 matches x 1 hour = 8 hours
Quarters: 4 matches x 1 hour = 4 hours
Semi Finals: 2 matches x 1 hour = 2 hours
Finals: 1 match x 1 hour = 1 hour
19 hours (min 2 courts for 10 hours)
Double Elimination Tournament

**8 player division** (*min 2 games, max 5 games*)
Quarters: 4 matches x 1 hour = 4 hours
Drop down round #1: 2 matches x 1 hour = 2 hours
Semi Finals: 2 matches x 1 hour = 2 hours
Drop down round #2: 1 match x 1 hour = 1 hour
Drop down round Semi’s: 1 match x 1 hour = 1 hour
Finals: 1 match x 1 hour = 1 hour
**11 hours (min 1 court)**

**16 player division** (*min 2 games, max 6 games*)
Round of 16: 8 matches x 1 hour = 8 hours
Drop down round #1: 4 matches x 1 hour = 4 hours
Quarters: 4 matches x 1 hour = 4 hours
Drop down round #2: 2 matches x 1 hour = 2 hours
Semi Finals: 2 matches x 1 hour = 2 hours
Drop down round #3: 1 match x 1 hour = 1 hour
Drop down round Semi’s: 1 match x 1 hour = 1 hour
Finals: 1 match x 1 hour = 1 hour
**23 hours (min 2 court)**

**24 player division** (*min 2 games, max 7 games*)
Round #1 feeder: 4 matches x 1 hour = 4 hours
Drop down feeder round #1: 2 matches x 1 hour = 2 hours
Round of 16: 8 matches x 1 hour = 8 hours
Drop down round #1 or feeder #2: 4 matches x 1 hour = 4 hours
Quarters: 4 matches x 1 hour = 4 hours
Drop down round #2 or feeder #3: 2 matches x 1 hour = 2 hours
Semi Finals: 2 matches x 1 hour = 2 hours
Drop down round #3 or feeder #4: 1 match x 1 hour = 1 hour
Drop down round Semi’s: 1 match x 1 hour = 1 hour
Finals: 1 match x 1 hour = 1 hour
**29 hours (min 3 court)**
Pool Play Tournament

8 player/teams division (1 group w/top 4 players/teams make playoff)
7 rounds x 20 min per round per player/team = 5 hours (includes break between each game)
Semi Finals: 2 matches x 1 hour = 2 hours
Finals: 1 match x 1 hour = 1 hour
8 hours (min 2 courts)

16 player/teams division (2 groups of 8 w/top 2 players/teams make playoff)
7 rounds x 20 min per round per player/team = 5 hours (includes break between each game)
Semi Finals: 2 matches x 1 hour = 2 hours
Finals: 1 match x 1 hour = 1 hour
8 hours (min 4 courts)