

DESCRIPTION OF PICKLEBALL RATINGS SYSTEMS

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INTRODUCTION

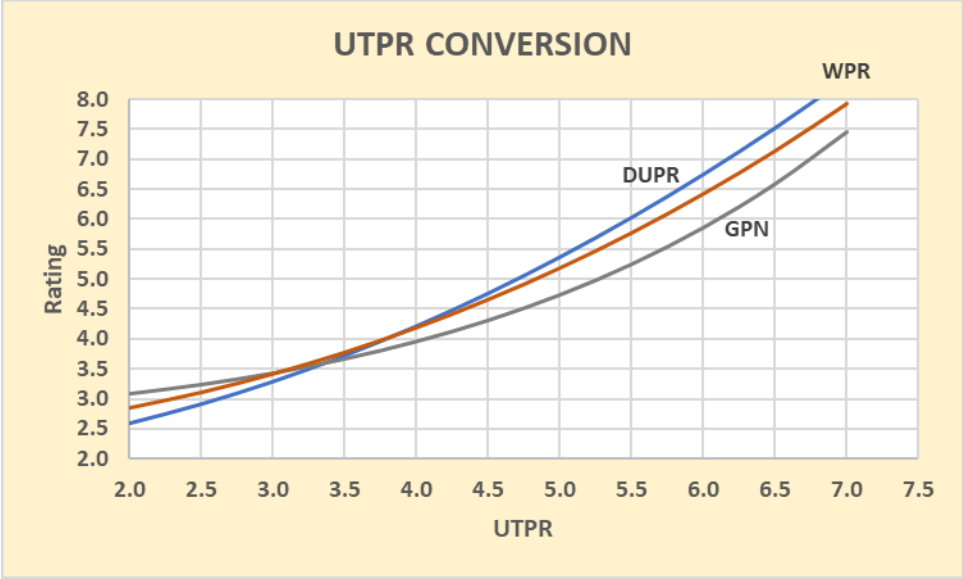
The pickleball world has not yet adopted a universal rating system to rate players. There are several systems currently in use and most claim they are the “best” for rating players. These systems include:

- Self-Rating using guidelines published by USA Pickleball
- DUPR – Dynamic Universal Pickleball Rating
- WPR – World Pickleball Rating
- UTPR – USA Pickleball Tournament Player Rating
- GPN – Global Pickleball Network Rating

Each of these systems have different ranges and different criteria for rating. In an attempt to understand how these might be related to each other, a compilation was made for players that have ratings in multiple systems and correlations among the systems were developed. These are probably higher inaccurate because we don’t know what matches were counted and how up to date each rating was but it is the best we have. The ladder rating is based on the algorithm of UTPR and therefore all the other ratings are referenced to it in the plot below. The lower and upper limit for each of the rating systems is shown below: One obvious comment is the DUPR numbers will tend to be higher than the other ratings because its upper end is higher than any of the others.

RATING SYSTEM	LIMITS
USAPA Self-Rating	1.0 – 6.0
DUPR	2.000-8.000
WPR	1.000 to 6.000
UTPR	0.000 to 6.999
GPN	2.000 to 6.000

SYSTEM	USAPA Sanctioned Matches	Pickleball Tournaments. Com Matches	Recreational Matches	Games Won	Points Scored	Gender Neutral	Age Neutral	APP Available
DUPR	x	x	x	x	x	x	x	x
WPR	x	x		x				
UTPR	x			x				
GPN			x	x				



SELF-RATING

Pickleball players may give themselves a rating, which is appropriately called a self-rating. Self-ratings are two digits (for instance, 3.0, 3.5, 4.0, etc.). Any pickleball player—whether they play pickleball tournaments or not, and whether or not they are a member of USA Pickleball—can have a two-digit self-rating, as, again, each pickleball player may give themselves their own self-rating.

To help you determine what your pickleball self-rating is, check out the chart below!

1.0-2.0	Give yourself a pickleball self-rating of 1.0 to 2.0 if you are just starting to play pickleball and you are just starting to understand the rules of pickleball.
2.5	Give yourself a pickleball self-rating of 2.5 if you have limited experience playing pickleball, you can keep a short rally on the pickleball court, and you have a basic understanding of the rules of pickleball (particularly, if you can keep the score properly).
3.0	Give yourself a pickleball self-rating of 3.0 if (i) you can generally hit forehand drives, serves, and returns with medium pace, as well as dinks, but generally lack consistency and control (for instance, serves and returns are not consistent and lack depth); and (ii) you understand the basic strategy and rules of pickleball, including that you can keep the score properly.
3.5	Give yourself a pickleball self-rating of 3.5 if (i) you can hit drives, serves, and returns with pace (including developing backhand shots), as well as dinks and drop shots, and are developing some consistency and control (including consistently hitting serves and returns in play); and (ii) you understand the basic strategy and rules of pickleball, you are starting to vary your shots between the hard and soft game, and you are moving quickly to the Non-Volley Zone line when you have the opportunity.
4.0	Give yourself a pickleball self-rating of 4.0 if (i) you can generally hit both forehand and backhand drives, serves, and returns with pace, as well as dinks, drop shots, and volleys (including block volleys) of different speeds, and have consistency and control; and (ii) you understand the strategy and rules of pickleball (including stacking), you have a moderate number of unforced errors, and you understand how to attack your opponents' weaknesses on the pickleball court.
4.5	Give yourself a pickleball self-rating of 4.5 if (i) you can generally hit both forehand and backhand drives, serves, returns, dinks, drop shots, and volleys with pace, spin, depth, direction, consistency and control; and (ii) you understand the strategy and rules of pickleball (including stacking), you have a limited number of unforced errors, and you change your game play to attack your opponents' weaknesses on the pickleball court.
5.0	Give yourself a pickleball self-rating of 5.0 if (i) you have mastered both forehand and backhand drives, serves, and returns with pace, as well as dinks, drop shots, and volleys of different speeds, and have consistency and control; and (ii) you have mastered the strategy and rules of pickleball (including stacking), you rarely make unforced errors, and you attack your opponents' weaknesses on the pickleball court.
5.5-6.0+	Give yourself a 5.5-6.0+ pickleball self-rating if (i) you have mastered all shots and strategy on the pickleball court; and (ii) you are consistently winning at the highest level, meaning that you are winning against the best professional pickleball players at the tournament level.

DUPR

Dynamic Universal Pickleball Rating

What is DUPR?

Dynamic Universal Pickleball Rating is the most accurate and only global rating system in Pickleball. All players, regardless of their age, gender, location, or skill, are rated on the same scale between 2.000-8.000 based on their match results.

Who can have a DUPR rating?

DUPR is free and anyone can have a rating. One match result is all it takes to have a DUPR rating, and 5-10 match results is all it takes to have an even more accurate rating. If you've ever played in a Pickleball tournament you most likely already have a DUPR rating and can claim your account at mydupr.com or by downloading the iOS or Android app.

How is the DUPR rating calculated?

DUPR is a modified Elo algorithm that uses a player's last 30 (singles) or 60 (doubles) eligible matches. The algorithm considers three factors:

Points Won: How many points did you win?

Victory: Did you win or lose?

Type of Result: Was this a self-posted rec play score, a league match, unsanctioned tournament, or a sanctioned tournament result?

Why is DUPR better than other Pickleball Ratings?

In addition to being more accurate, DUPR is the only global rating system in Pickleball that encompasses all of a player's results and rates all players on the same universal scale regardless of age or gender. DUPR is also the only system that features a Reliability Score (coming soon), that doubly ensures fair play and no "sandbagging".

Is there a Verified DUPR and an Unverified DUPR rating?

No! Players have one DUPR doubles rating and one DUPR singles rating.

What results go into my DUPR?

All of your results, regardless of event type, location, or software provider, go into your DUPR. If you don't see your results or would like your club/association to add your results, please email support@mydupr.com

Who shares results with DUPR?

We receive results from our partners which include clubs, associations, tournament organizers, federations, and our very own users (self-posted scores).

What if I'm unrated and I play against other unrated players?

That's okay! You can still have a provisional rating (shown with an asterisk*) and once you or the other players play against someone who does have a DUPR, you will become reliably rated (usually after 5-10 matches). This is called "connectivity" and it's a beautiful thing.

What is a provisional rating and what makes a rating reliable?

Your DUPR becomes reliable based on your connectivity to other players in the DUPR system and the recency of your results. You may have many results and ample connectivity, but very low recency (indicated by a half-life < 3.0), which would downgrade your rating to "Provisional" status. Conversely, you may have many recent matches but poor connectivity to other DUPR rated players, which would also lead to a Provisional status.

Why did my DUPR go down when I won? Why does my DUPR change even if I haven't played this week?

The algorithm has an EV (expected value) of performance in every match that you play. In a certain match, if the EV is that you win 11-5, 11-5 but you win 11-9, 11-9, it's conceivable that your DUPR may go down. However, DUPR also looks at the performance of all players in the pool. For example, if the opponent against whom you just won 11-9, 11-9 performs equally well if not better in their subsequent matches,

consistently beating the algorithm's EV, their DUPR will increase but yours may not be as affected. Your opponent is obviously improving, and the algorithm "sees" that.

Can my DUPR change even though I haven't been playing?

Absolutely. Just because you've stopped playing doesn't mean the broader "pool" of players has stopped. For example, if you outperform the EV of the algorithm against a player and then she proceeds to also outperform the EV of the algorithm in her subsequent matches, you would benefit from her performance—even if you had stopped playing.

What is the minimum number of points needed for a result to count for DUPR?

One player must score six points for a match to count towards DUPR, i.e. 3-6.

How does withdrawing affect my DUPR?

DUPR counts all scores where one player reaches six (6) points. Player withdrawals will be tracked on all player profiles. If you'd like to report a withdrawal score, please do so by emailing support@mydupr.com.

Which matches do not count towards my DUPR?

Matches where partners are rated with a difference greater than 1.500

For example, if a 6.000 rated player partners with a 4.000 rated player, the match would be excluded

Matches wherein opponents have a rating difference greater than 0.625.

For example if two 6.000 rated players play against two 5.000 rated players, the match would also be excluded.

Matches where neither player/team reaches at least six points are also excluded.

Excluded matches will still show up on player profiles but will not be reflected in a player's DUPR rating.

Why don't my matches count towards my ratings if my rating differs from my opponents by 0.625 or more?

This rule allows the algorithm to look at more impactful matches by ignoring expected blowouts. Even if an upset win is outside 0.625 at the time the match is recorded, it will be counted once the rating difference between players shrinks to less than 0.625. Please [contact us](#) if there is a legit upset win against someone 0.625 or higher, as this feedback can help us evaluate future improvements in the rating.

Are recent matches weighted more heavily in my rating? What is the half life principle?

Yes, there is a weight put on your most recent matches measured by half life. Half life is based on the principle of exponential decay and measures how many matches you've played and how recent they are. Here's how Half Life awards points: players need 3 results in the last 90 days, 6 results in the last 180 days or 12 results in the last 270 days. In other words, the number of results needed to be fully reliable doubles every 90 days.

What is the DUPR Reliability Score?

The Reliability Score is a totally unique and game-changing component of the DUPR algorithm that increases as a player:

Enters more DUPR results

Plays with different partners

Plays against different opponents

Plays in DUPR certified leagues/tournaments

Some matches count more towards a player's DUPR rating and also contribute more to a player's Reliability Score:

Self Reported Scores

League & Ladder Play

Unsanctioned Events

Sanctioned Events

Verified DUPR Events

How do I delete a match?

Self Posted Matches:

For Validated matches: If a user [submits a match deletion request](#), all players in the match are emailed about the request. At least one of the requestor's opponents must confirm that the match should be deleted, after which we delete the match.

For Pending Matches: Users can delete any pending match in app.

Tournament Matches:

Contact your tournament organizer and make sure they posted the correct scores.

How long does it take for ratings to update?

Ratings are updated every week, usually on Tuesday. Our team is hard at work, and we'll be moving back to instantaneous rating updates very soon. In the meantime, keep an eye out for your updated rating early next week.

How long does it take for events to be added to DUPR?

Results from new events are added to DUPR every week, usually on Tuesday.

How do I log a match with players who are not DUPR users?

Luckily, it's easy to invite your partner and opponents to DUPR during the "Add a Match" Process simply by adding their email address. Check to see if they simply need to "Claim Account" before they create a new one. All players must be registered with DUPR for matches to affect ratings on our platform. This is essential to ensuring the accuracy and integrity of DUPR ratings.

How can I add a club to DUPR or start running events?

Please fill out the [Get In Touch](#) form. Our team is happy to provide more information on the DUPR system and how it could work for your club. We have exciting new formats to run innovative and fun tournaments and organized play.

WPT

World Pickleball Rating

Your tournament player rating is a number with the potential for significant impact on you as a competitive pickleball player. Your tournament rating may impact who you play with, and potentially how much fun you have. PickleballTournaments.com's **World Pickleball Ratings (WPR)** provides the most comprehensive pickleball player tournament rating system. If the tournament was run on PickleballTournaments.com since June 1st of 2020, your results are in your WPR. No manual entry of results required!

How It Works

WPR has been designed from the ground up to solve the following challenges:

Create a player's initial rating based on actual tournament results.

Eliminate self-rating for bracket qualification and seeding in non-sanctioned tournaments. Together with technology changes, this will play a big role in significantly reducing "sandbagging."

Incorporate the largest set of match results from all sanctioned and non-sanctioned tournaments run on PickleballTournaments.com.

WPR includes the following capabilities:

Ratings calculated using a Glicko-2 ratings system (Learn more about Glicko-2 below).

4-digit ratings calculated for singles, doubles and mixed doubles across men and women.

2-digit ratings calculated at the end of each calendar quarter based on the level of a player's 4-digit ratings.

Performance based ratings versus subjective ratings for tournament entry and bracket registration for non-sanctioned tournaments to ensure proper bracket placement, seeding and eliminating the sandbagging experienced at times in the self-rated process.

A new tournament player's WPR will be calculated based on the results of that player's first tournament taking into account match results and opposing players' ratings.

The WPR Glicko-2 rating system was developed by Professor Mark E. Glickman of Boston University as an enhanced chess rating system. Since its release, it has been utilized in many imaginative ways including now for Pickleball. The key enhancement of this ratings system was the recognition that the reliability and accuracy of a player's rating is impacted by the total number of match results and how frequently a player produces match results. In the Glicko-2 system, this is referred to as a player's "rating deviation" (RD). As you would expect, the accuracy of a rating for a player with a large match history and who produces match results more frequently will be much higher than the rating for a player with a small match history and/or a low frequency of results. This enhancement allows WPR to decide how aggressively to impact a player's rating based on their RD.

For Players

For tournament players, there is really nothing you need to do to receive a WPR. If you have match history for a tournament that has been run on PickleballTournaments.com since June of 2020, all your qualifying match results will be incorporated into your WPR. New tournament players without any previous match results, will register in the tournament using a self-rating and playing in a bracket with the self-rating deemed appropriate and will receive their initial rating upon the completion of tournament based on match results.

Player FAQs

What do I have to do to get my WPR?

All existing players on PickleballTournaments.com will have a WPR calculated based on their tournament history since June 1st, 2020, and is visible on your player profile.

If you are a new tournament player, you should use a skill rating system to determine the appropriate bracket to enter for your first tournament, such as the one provided by USA Pickleball which can be found [here](#). Once you have results from this tournament, your WPR will be calculated and will be updated as you continue to play in tournaments based on your results.

Does my WPR include USA Pickleball sanctioned tourneys as well?

Yes. Your WPR will include qualifying tournaments you've played since June, 2020 and qualifying tournaments going forward.

Do all tournaments count 100% to my WPR?

Yes. It should be noted that TDs have the option to not include tournament results for WPR processing. TDs are asked to indicate on their PickleballTournaments.com tournament info page if they will be opting their tournament out of WPR. If you have any questions if a tournament will include their results in WPR, please contact the Tournament Director.

What tournaments will use WPRs?

WPRs will be used for seeding and entry into tournaments that choose to not be sanctioned by USA Pickleball. For USAP sanctioned tournaments, your UTPR will continue to be used.

Can a tournament opt-out of having tournament results included in my WPR?

Yes, this is a decision that a tournament director can make at their discretion.

How can I tell if a tournament is USAP sanctioned or not?

USAP sanctioned tournaments have the USAP logo in the tournament listing and will also be noted in the tournament details on Pickleballtournaments.com.

How will my WPR be set at the start?

Your WPR will use your qualifying past tournament results from between June 2020 and December 2021 on Pickleballtournaments.com to set your initial WPR.

I've played in tournaments before, why don't I have a WPR?

Players without any match history between June 1, 2020, and December of 2021 will not have a WPR and will need to skill rate to select the bracket they would like to participate in. USA Pickleball's skill rating guide is a good resource for determine your skill level and helping you to decide what bracket skill level to enter at your first tournament. You can find this rating guide [here](#) on the USA Pickleball website.

Once you have determined your skill rating, you'll need to update your profile on PickleballTournaments.com and set your Singles and Doubles rating. Note: you won't be able to add a separate mixed rating. Your doubles rating and mixed rating will be the same. If you don't have a WPR and will self-skill rate, put your lowest skill rate in your player profile on pickleballtournaments.com and then do a skill override at registration. When you register for your next tournament, you'll be asked to verify the skill level of the bracket you want to participate in.

What if I have never played a tournament and I am soon entering my first tournament?

USA Pickleball's skill rating guide is a good resource for determining your skill level and helping you to decide what bracket skill level to enter at your first tournament. You can find this rating guide [here](#) on the USA Pickleball website.

Once you have determined your skill rating, you'll need to update your profile on PickleballTournaments.com and set your Singles and Doubles rating. When you register for your next tournament, you'll be asked to verify the skill level of the bracket you want to participate in.

What if I don't agree with my initial WPR?

A rating appeals process will be available for requesting a rating adjustment. See WPR Ratings Appeal process down further in this document.

How will my WPR be different from my UTPR?

Your WPR will be different in the following ways: 1) It will include your qualifying past tournament results for both sanctioned and non-sanctioned tournaments starting from June 2020 on

Pickleballtournaments.com and your qualifying results for sanctioned and non-sanctioned tournaments going forward; 2) It will use the WPR Glicko-2 rating system for calculating your rating.

Why do I even need a WPR?

The WPR eliminates the "Self-Skill Rating" model currently used at non-USAP sanctioned tournaments for players with an existing qualifying past tournament results starting from June 2020 on Pickleballtournaments.com. The WPR will ensure that participants within a specific bracket match the specified ratings. This enables a fair and competitive bracket for all players by removing the opportunity for higher skilled players to "play down" against lesser skilled players.

Upon completion of the tournament, do I need to do anything to submit my match results?

No. Your match results on PickleballTournaments.com will be included in your WPR automatically.

Where can I see my match history and how it impacts my WPR?

Your match history and how it impacts your WPR can be found in your player profile on PickleballTournaments.com.

I registered for a tournament prior to January 2022. Can I request that my WPR be added to my registration?

Yes. The TD can make changes to your registration.

Can my results be included in WPR if the TD opts out?

No. The tournament is either included or excluded. Individual results cannot be included or excluded.

If I appeal my WPR and my WPR is changed, will the tournaments that I'm registered for be updated automatically?

No, not automatically but the TD can make changes to your registration.

If my quarterly WPR is updated, will my existing registration be updated to reflect my most recent WPR?

No. Existing registrations will reflect the WPR at the time of registration.

How do I know if a tournament I'm registered for will count towards my WPR?

You may email the tournament to ask.

Is a TD able to opt out of WPR at any time?

A TD can opt out of submitting the tournament's results up to the point where the tournament is completed. A tournament is typically submitted for ratings processing in the week following the tournament completion date. Once a tournament has been submitted for processing it can no longer opt out.

I played in a tournament but it's not included in my WPR. Why?

Verify the tournament occurred after June, 2020. If so, email wrappeal@pickleballtournaments.com to inquire.

WPR Player Rating Appeal Process

If you feel that your WPR is not representative of your level of play, then please review the following appeal guidelines and if you still feel an appeal is appropriate, follow the appeal process outlined below.

Appeal Guidelines

Starting on December 31st, 2021, until December 31st, 2022, if your WPR is +/- 0.75 of your UTPR, you may appeal.

If you do not have a UTPR and feel that your WPR does not accurately reflect your skill level, please provide details on why you feel your WPR should be adjusted (e.g.: you set your skill level for your first tournament too high or low, etc.) and what you believe your appropriate rating should be.

Appeal Process

Send an email to wrappeal@pickleballtournaments.com and include the following information:

PickleballTournaments.com Account ID number

The reason you are appealing your WPR

If you are appealing due to your WPR is +/- 0.75 of your UTPR, please provide your UTPR rating(s) as well.

Your appeal will be reviewed by a WPR administrator.

A decision will be made, and you will be notified of that decision within 15 business days. If the appeal is approved, your WPR will be adjusted accordingly.

For Tournament Directors

Non-sanctioned tournaments created on Pickleballtournaments.com with registration opening on or after January 1st, 2022, will utilize WPR for player registration, event bracket creation and seeding. WPR will operate in the same way that UTPR does for sanctioned tournaments. Note, though WPR will be used to ensure proper skill level entry in the tournament, the TD may opt out of having results loaded to WPR.

Tournament Director FAQs

Do I have to follow USAP rules or guidelines for my tournament results to count towards WPR?

No.

Are there any formats not approved for inclusion into the WPR?

The following are the only two reasons that a tournament will not be processed for WPR:

It is an AAU sanctioned tournament

The tournament has a Singles or Doubles bracket without a gender designation

Do I need to do anything to use WPR in my tournament?

For tournaments starting registration on or after January 1st, 2022, if you are not sanctioning your tournament with USA Pickleball, then your tournament will default to using WPR. All existing players on PickleballTournaments.com will have a WPR and will be used as part of the registration process. New players to PickleballTournaments.com will be asked to skill rate as part of their account setup and first tournament registration.

Do all players have a WPR?

Players without any match history between June 1, 2020, and December 31st of 2021 will not have a WPR and will need to skill rate to select the bracket they would like to participate in.

New non-rated tournament players will be asked to skill rate as part of their account setup and will indicate their skill to select the appropriate bracket to enter for your tournament.

Can I allow a player to participate in a bracket with a skill level below or above their WPR?

Yes. This is supported in the same manner that it is with UTPR. However, playing at a lower level is not encouraged.

How does player seeding work for WPR?

Bracket seeding works exactly as it does for UTPR. A bracket is seeded automatically from highest WPR rating to lowest WPR rating. In the case of doubles bracket seeding is based on the teams highest and lowest WPR rating. You can manually adjust the seeding at your discretion.

Do all my brackets count 100% to my players' WPR?

Yes. The only reasons that a tournament will not be processed for WPR are:

It is an AAU sanctioned tournament

The tournament has a Singles or Doubles bracket without a gender designation

What if I am running a tournament and I don't want my results to impact my players' WPR?

You can opt-out your tournament's results out of the WPR ratings update at your discretion. Please note that you should communicate this clearly to your players so that they understand that their results will not show up in their WPR player history. You have until the tournament end date listed within General Information of your tournament to opt out.

Upon completion of the tournament, do I need to do anything to submit my tournament for WPR rating processing?

No. Your tournament on PickleballTournaments.com will be processed for WPR ratings within the week following the completion of your tournament.

How do I opt out of having my tournaments results included in WPR?

To opt out of having your tournament results include in WPR, please send an email to info@pickleballtournaments.com requesting that your tournament not be processed for WPR. Only persons listed as the owner on the tournament, and make the request from the email address associated with this owner, may request that their tournament be opted out of WPR. Once results are imported and WPR processing completes, you cannot go back to opt out.

Until when do I have to exclude my tournament results from being included in WPR?

You should exclude the tournament from WPR rating processing before the end of your tournament. A tournament is typically submitted for ratings processing in the week following the tournament completion date. Once a tournament has been submitted for processing it can no longer opt out.

Is there a cost for using WPR?

No. WPR is provided as part of the PickleballTournaments.com system use fee.

My tournament opened registration prior to January 2022 so I don't have access to WPR. How can I use WPR for my tournament?

At this time, only tournaments that opened registrations on January 1, 2022 or later will have access to WPR.

My tournament is displaying three skills, doubles, mixed and singles. Does this mean my tournament is using WPR?

Not necessarily. The WPR will display in red/green font and will be denoted by WPR as the column heading.

How do I know if my tournament is using WPR?

WPR will display in red/green font and will be denoted by WPR as the column heading.

UTPR

USA Pickleball Tournament Player Ratings

The [USA Pickleball Tournament Player Rating](#) (also referred to as the UTPR, and formerly known as USAPA Pickleball Tournament Player Rating) is a rating system developed by USA Pickleball to help determine what a pickleball player's skill level is. The primary purpose of the UTPR is to prevent pickleball players from "sandbagging" - in other words, playing down in skill level in order to win a medal.

The UTPR is thought to be more accurate than a self-rating for pickleball players. However, it is only available for tournament pickleball players, so many recreational pickleball players may not have a UTPR and may only have a self-rating.

How Is the USA Pickleball Tournament Player Rating Calculated?

The UTPR is based purely on performance in pickleball tournaments and is only available for USA Pickleball members. In other words, you must play in pickleball tournaments, and be a member of USA Pickleball, to have a UTPR. Also, to note, the UTPR does not take age into account, so the UTPR may have some age bias.

The UTPR ranges from 0.000 to 6.999. The UTPR is either two digits or four digits. A four-digit UTPR is available for view by the applicable pickleball player it relates to and is used for purposes of seeding for pickleball tournaments. The two-digit UTPR is based on the applicable four-digit UTPR and may be viewed by the general public. The two-digit UTPR is rounded down from the four-digit UTPR – for instance, if you have a four-digit UTPR of 5.213, then your two-digit UTPR will be 5.0. Also, to note, you will have a different rating for each of singles, mixed doubles, and gender doubles.

2 Digit Skill Rating Used for Tournament Registration

Skill Ratings Updated Quarterly Jan 1 / Apr 1 / Jul 1 / Oct 1	UTPR Doubles Skill Level:	5
	UTPR Mixed Skill Level:	5
	UTPR Singles Skill Level:	

4 Digit UTPR Used For Tournament Seeding

4-Digit UTPRs Updated Weekly (Fri 7AM PT)	UTPR Doubles Rating:	5.213
	UTPR Mixed Doubles Rating:	5.137
	UTPR Singles Rating:	



The UTPR is calculated weekly and is based on the ELO system, which means that your rating will increase for wins and decrease for losses. The extent of the increase or decrease to a rating depends on the following:

- Your rating
- Your partner's rating (if you are playing doubles)
- Your opponents' ratings
- The type of tournament that you are playing in
 - Historically, pickleball tournaments were placed into three categories for purposes of weighting for the UTPR:
 - USA Pickleball sanctioned tournaments had a weighting of 100%.
 - USA Pickleball medal match plus (MMP) sanctioned tournaments (in other words, where referees only officiate medal matches (plus the match before the bronze medal)) had a weighting of 80%.
 - Unsanctioned tournaments had a weighting of 60%.

- However, starting April 1, 2021, pickleball tournaments will either received (a) 100% weighting, or (b) 0% weighting and not be used in the calculation of the UTPR at all. USA Pickleball sanctioned tournaments (whether standard sanctioning or MMP sanctioning) will receive 100% weighting. All unsanctioned tournaments will not be weighted (in other words, 0% weighting).
- Whether you win or lose a match (to note, the score of the match does not matter – the same change to your rating will result whether you win 11-0, 11-0 or 11-9, 9-11, 12-10) It is important to note that, in no event will any one match affect your UTPR by more than 0.1. Also, your UTPR will get more accurate with the more pickleball tournaments that you play. To note, USA Pickleball has started a committee to evaluate how to improve the formula to better capture and reflect a player's skill level. So, more to come on this!

Detailed UTPR Formula

For the detailed formula of the UTPR, follow the following steps:

1. Average your UTPR with your partner's UTPR to determine you and your partner's rating prior to the match. If you are playing singles pickleball (rather than doubles pickleball), then you can skip this step, as you will only use your UTPR.

Your Average = (Your UTPR + Your Partner's UTPR) / 2

2. Average your opponents' UTPRs to determine your opponents' rating prior to the match. If you are playing singles pickleball (rather than doubles pickleball), then you can skip this step, as you will only use your one opponent's UTPR.

Opponents' Average = (Opponent 1 UTPR + Opponent 2 UTPR) / 2

3. Determine the probability that the winning team would win using the following formula:
 $1 / (1 + 20^{(3(\text{Losing Team's Average Rating} - \text{Winning Team's Average Rating}))})$

4. Determine the amount of change for each team's UTPR using the following formula:
 $(1 - \text{Probability from Step 3}) \times 0.1$

5. Weight the amount of change based on the type of pickleball tournament - in other words, only incorporate the change and move to Step 6 if the pickleball tournament was a USA Pickleball sanctioned tournament:

Amount of Change from Step 4 * Applicable Weight (0%/100%)

6. Determine each player's new UTPR:

For the winning team, add the Weighted Amount of Change from Step 5 to each winning pickleball player's UTPR.

For the losing team, subtract the Weighted Amount of Change from Step 5 from each losing pickleball player's UTPR.

How the UTPR Is Used for Pickleball Tournaments

If you are playing in a pickleball tournament, you may always play up in pickleball skill level. This means that, if you have a UTPR of 4.5, then you could choose to play up in a 5.0 skill level bracket. You may also play down in age in a pickleball tournament. For instance, if you are 52 years old, then you could choose to play down in the 19+ age bracket. The only exception to this general rule is that pickleball players younger than 19 may generally play in the 19+ brackets.

However, you may not play down in skill level or up in age. For instance, if you have a UTPR of 4.5, then you may not play in a 4.0 skill level bracket, and if you are 52, then you may not play up in the 65+ age bracket.

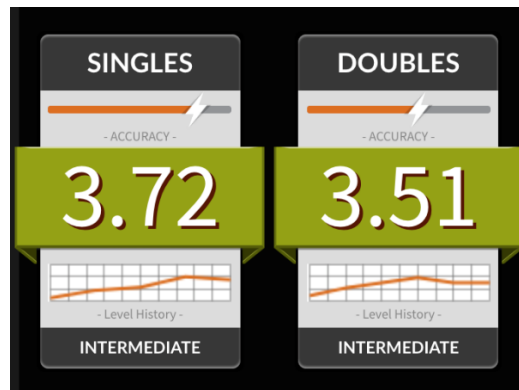
Also, as noted above, UTPRs are used for seeding in each applicable pickleball tournament bracket.

GPN

GLOBAL PICKLEBALL NETWORK

Every pickleball match you play on Global Pickleball Network, whether it be a league, tournament or even practice match, gets used to calculate your singles or doubles playing level. This helps you accurately assess your singles and doubles playing levels, and also find opponents with a similar playing level.

Playing Level Badges



On every profile page, you can see a player's playing level badges. These badges give a quick reference to a player's calculated singles and doubles playing levels. These badges include:

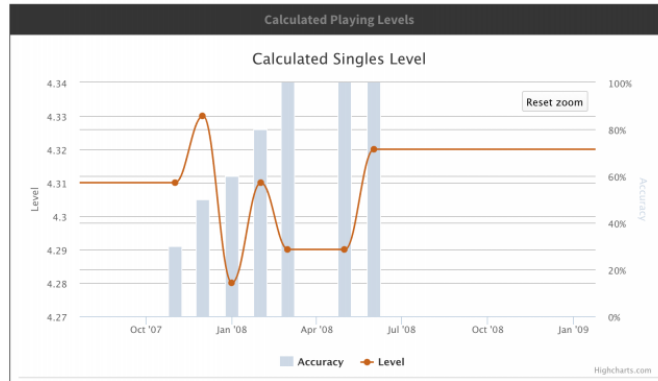
- The accuracy of the calculated playing level. The more unique opponent matches played, the better the accuracy of the calculation.
- The calculated playing level from 2.0 - 6.0. Where 2.0 is a beginner, and 6.0 is pro.
- A historical graph representation of calculated levels over time.

The Algorithm

To calculate your pickleball playing levels, we use a complex algorithm loosely based on the Elo System. The Elo System is a well know ranking system used by many organizations to rank players or teams.

Calculated playing levels are re-calculated each night at midnight (PST). For each match played, the system takes into account your opponent's playing level, and the accuracy of their level. The more accurate your opponent's playing level, the greater the influence it will have on your own. The lower your playing level accuracy is, the more it can fluctuate. The higher your playing level accuracy is, the more stable it becomes.

Calculated Playing Level Chart



Over time, your singles and doubles playing levels will change. You can even track the changes directly on your profile page.

As you improve, you can watch as your levels increase. And as you play more matches and opponents, you can watch the "accuracy" of your levels increase as well.