



**BASKETBALL - NBA - DATA
DICTIONARY
EVENTS**

30-OCT-2024

1.3.0

DISCLAIMER

This document and any attachments hereto may contain proprietary and confidential information ("Confidential Information") of the Stats Perform. Such Confidential Information is valuable, confidential and proprietary information of the Stats Perform, constitutes trade secrets of Stats Perform and notwithstanding disclosure herein, such Confidential Information remains the exclusive property of the Stats Perform and should not be used or disclosed for any reason.

1 GENERAL INFORMATION

1.1 REVISION HISTORY

REVISION	INFORMATION	AUTHOR	REFERENCE DATE
1.0.0	Initial version	NA	09/16/2021
1.0.1	Added disqualification and ejections description	Bhargavi	12/10/2021
1.0.2	Added descriptions for minutes and seconds	Bhargavi	12/22/2021
1.0.3	Updated the description for EventTypeId	Bhargavi	03/14/2022
1.0.4	Updated the description for playId and onCourtId	Ashish	06/06/2022
1.1.0	Tournament node is added	Ashish	28/08/2023
1.2.0	New node added	Amrutha Gatty	30/10/2024

TOP NODE	SUB NODE	SUB NODE 2	SUB NODE 3	SUB NODE 4	SUB NODE 5	SUB NODE 6	SUB NODE 7	DATA TYPE	EXAMPLE	DESCRIPTION
Events Wrapper										
sport	sportId							Integer	1	
	name							String	Basketball	
	league	leagueId						Integer	1	
		name						String	National Basketball Assoc.	
		abbreviati on						String	NBA	
		displayNa me						String	National Basketball Assoc.	
		season	season					Integer	2021	
			name					String	2021-22 NBA Season	
			isActive					Boolean	true	
			eventTyp e[]	eventTyp eld				Integer	1	see eventTypes decode endpoint
				name				String	Regular Season	
Events										
events[]	eventId							Integer	1349064	gamecode (global-id)
	eventRou nd	eventRou ndId						Integer	1	see eventRounds decode endpoint; postseason and play-in-game only
		name						String	First-round Series	postseason and play- in-game only
		gamesInS eries						Integer	7	number of games in a postseason series; postseason and play- in-game only
	eventTitle							String		only available for certain events, does not appear if null
	tourname nt[]	tournamen tId						Integer	134	
		name						String	test	
	startDate[]	year						Integer	2021	
		month						Integer	12	
		date						Integer	3	
		hour						Integer	19	
		minute						Integer	0	
		full						date	2021-12-03T19:00:00	
		dateType						String	Local	Local/UTC
	isTba							Boolean	false	
	isDataCon firmed	box						Boolean	true	
		pbp						Boolean	true	
		score						Boolean	true	
		shotChart						Boolean	true	
	scheduled Periods							Integer	4	
	eventStat us	eventStat usId						Integer	2	see eventStatuses decode endpoint
		name						String	In-Progress	
		reason						String		Only if available
		period						Integer	2	5 for first OT, 6 for second, etc.
		minutes						Integer	0	combine with seconds, time left for the quarter
		seconds						String (formatted decimal)	10	combine with minutes, time left for the quarter
		isActive						Boolean	true	
	venue	venueId						Integer	22	see venues decode endpoint

TOP NODE	SUB NODE	SUB NODE 2	SUB NODE 3	SUB NODE 4	SUB NODE 5	SUB NODE 6	SUB NODE 7	DATA TYPE	EXAMPLE	DESCRIPTION
		name						String	Moda Center at the Rose Quarter	
		city						String	Portland	
		attendanceInfo	reasonId					Integer	0	
			reasonDesc					String	Full Audience	
		state	stateId					Integer	37	see states decode endpoint
			name					String	Oregon	
			abbreviation					String	OR	
		country	countryId					Integer	1	see countries decode endpoint
			name					String	United States	
			abbreviation					String	USA	
	tvStations[]	tvStationId						Integer	680	see tvStations decode endpoint
		name						String	Fox Sports Florida	
		callLetters						String	FSFL	
		networkType	networkTypeId					Integer	2	1 = National; 2 = Regional
			name					String	Regional	National/Regional
		country	countryId					Integer	1	see countries decode endpoint
			name					String	United States	
			abbreviation					String	USA	
	teams[]	teamId						Integer	22	teamIds will be null when teams are unknown
		location						String	Portland	
		nickname						String	Trail Blazers	
		abbreviation						String	Por	
		playoffSeed						Integer	1	postseason and play-in-game only
		teamLocationType	teamLocationTypeId					Integer	1	1 = home; 2 = away
			name					String	home	
		record	wins					Integer	7	as of this date including this game, only when applicable; not available postseason
			losses					Integer	9	as of this date including this game, only when applicable; not available postseason
			ties					Integer	1	as of this date including this game, only when applicable; not available postseason
			percentage					String (formatted decimal)	438	will not appear if null (0-0 record results in null percentage)
		score						Integer	36	
		linescores[]	period					Integer	1	
			score					Integer	20	
			teamFouls					Integer	10	
		isWinner						Boolean	true	
		series	wins					Integer		as of this date including this game; postseason and play-in-game only
			losses					Integer		as of this date including this game; postseason and play-in-game only

TOP NODE	SUB NODE	SUB NODE 2	SUB NODE 3	SUB NODE 4	SUB NODE 5	SUB NODE 6	SUB NODE 7	DATA TYPE	EXAMPLE	DESCRIPTION
			isSeriesW inner	A DATA DICTIO	NARIES			Boolean		as of this date including this game; postseason and play-in-game only
	seriesGam eNumber							Integer	7	game number within the current series
	isIffNecess ary							Boolean		true indicates game may not need to be played, postseason and play-in- game only
	makeupEv entId							Integer	1460630	only if makeup date is known
	makeupD ate[]	year						Integer		
		month						Integer		
		date						Integer		
		hour						Integer		
		minute						Integer		
		full						date		
		dateType						String		
	suspende dResume Date[]	year						Integer	2021	only when suspended
		month						Integer	8	
		date						Integer	11	
		hour						Integer	13	
		minute						Integer	15	
		full						date	2021-08- 11T13:15:00	
		dateType						String	Local	Local/UTC/Eastern
	coverage Level	coverageL evelId						Integer	3	see coverageLevels decode endpoint
		details						String	NBA FEED	
		name						String	level 1	
	boxscore s []	teamId						Integer	22	
		teamStats	minutes					Integer	211	sum of minutes played by this team's players; only available when coverageLevelId = 3
			timeoutsRe maining	totalTime outs				Integer	4	only available in- progress
				longTime outs				Integer	3	
				shortTim eouts				Integer	1	
			fieldGoals	made				Integer	36	
				attempte d				Integer	76	
				percenta ge				String (formatted decimal)	.474	
			freeThrows	made				Integer	16	
				attempte d				Integer	19	
				percenta ge				String (formatted decimal)	.842	
			ejections	player				Integer	0	Most commonly, when a player accumulates two technical fouls or one Flagrant 2 foul (both are considered technical fouls).
				coach				Integer	0	
			threePointF ieldGoals	made				Integer	4	
				attempted				Integer	11	
				percentage				String (formatted decimal)	.364	
			points					Integer	86	
			rebounds	offensive				Integer	6	
				defensive				Integer	30	
				total				Integer	36	

TOP NODE	SUB NODE	SUB NODE 2	SUB NODE 3	SUB NODE 4	SUB NODE 5	SUB NODE 6	SUB NODE 7	DATA TYPE	EXAMPLE	DESCRIPTION
				team				Integer	4	
			assists					Integer	16	
			steals					Integer	3	
			blockedShot s					Integer	2	
			turnovers	total				Integer	13	
				team				Integer	0	
			personalFou ls					Integer	19	
			disqualificati ons					Integer	0	Occurs when a player commits 6 personal fouls - unless there are no substitutions available then a player is allowed 7 to ensure there are 5 players on the court
			technicalFo uls	player				Integer	0	
				team				Integer	0	
				coach				Integer	0	
				bench				Integer	0	
			flagrantFoul s					Integer	0	
			defensive3S econds					Integer	0	
			jumpshots					Integer	24	
			dunks					Integer	2	
			layups					Integer	8	
			tipins					Integer	0	
			hooks					Integer	1	
			pointsOffTur novers					Integer	11	
			pointsInPain t					Integer	26	
			secondChan cePoints					Integer	10	
			fastBreakPo ints					Integer	6	
			biggestLead					Integer	8	
			isBonus					Boolean	true	
		playerstats[]	player	playerId				Integer	522878	
				firstName				String	C.J.	
				lastName				String	McCollum	
				displayNa me				String	Nene	only appears when necessary
				uniform				String	11	may not be available for older seasons
				isTempor aryPlayer Id			Boolean	TRUE	only appears when true; indicates that this playerId is not permanent and will not work via /participants/	
			isGamePlay ed					Boolean	true	true if played in game
			isGameStart ed					Boolean	true	
			onCourt					Boolean	true	in-progress only - point-in-time: is player currently on the court
			startingPos ition	positionId				Integer	7	
				name				String	Forward	
				abbreviation				String	F	
			didNotPlay	dnpType	dnpTypeI d			Integer	1	only available post- game; see dnpTypes decode endpoint
					name			String	Coach's Decision	
				reason				String	INACTIVE	

				details				String	COACH'S DECISION	
TOP NODE	SUB NODE	SUB NODE 2	SUB NODE 3	SUB NODE 4	SUB NODE 5	SUB NODE 6	SUB NODE 7	DATA TYPE	EXAMPLE	DESCRIPTION
			minutesPlayed					Integer	16	only available when coverageLevelId = 3. This is a rounded number. To display minutes only, use this value. To get exact MM:SS for a player, use totalSecondsPlayed.
			totalSecondsPlayed					Integer	831	only available when coverageLevelId = 3 Use this to get the exact MM:SS value for a player.
			fieldGoals	made				Integer	3	
				attempted				Integer	7	
				percentage				String (formatted decimal)	.429	
			freeThrows	made				Integer	1	
				attempted				Integer	2	
				percentage				String (formatted decimal)	.500	
			threePointFieldGoals	made				Integer	0	
				attempted				Integer	1	
				percentage				String (formatted decimal)	.000	
			points					Integer	7	
			rebounds	offensive				Integer	0	
				defensive				Integer	3	
				total				Integer	3	
			assists					Integer	2	
			steals					Integer	0	
			blockedShots					Integer	0	
			turnovers					Integer	1	
			personalFouls					Integer	1	
			isDisqualification					Boolean	false	
			technicalFouls					Integer	0	
			flagrantFouls					Integer	0	
			foulsReceived					Integer	0	
			blocksReceived					Integer	0	
			isEjected					Boolean	false	
			plusMinus					Integer	-1	only available when coverageLevelId = 3
			trueShootingPercentage					String (formatted decimal)	".508"	will not appear if no FGA/FTA
			effectiveFieldGoalPercentage					String (formatted decimal)	".429"	will not appear if no FGA
			freeThrowRate					String (formatted decimal)	".286"	
	gameDetail	leadChanges						Integer	1	
		timesTied						Integer	4	
		attendance						String	19002	Formatted number, available post-game only
		capacity						String	19980	formatted number
		timeOfGame	hours					Integer	2	available post-game only
		minutes					Integer	13		
	referees[]	refereeId					Integer	3564		

			firstName					String	Dan	
			lastName					String	Crawford	
	pbp[]	playId						String (formatted decimal)	1	This id refers to the events in sequential order.
TOP NODE	SUB NODE	SUB NODE 2	SUB NODE 3	SUB NODE 4	SUB NODE 5	SUB NODE 6	SUB NODE 7	DATA TYPE	EXAMPLE	DESCRIPTION
		period						Integer	1	5 for first OT, 6 for second, etc.
		time	minutes					Integer	11	
			seconds					String (formatted decimal)	"10.0"	when less than one minute left in the period
		players[]	playerId					Integer	277552	
			lastName					String	Hill	
			firstName					String	George	
			displayName					String	Nene	only appears when necessary
			uniform					String	11	may not be available for older seasons
			isTemporary PlayerId					Boolean	TRUE	only appears when true; indicates that this playerId is not permanent and will not work via /participants/
			score					Integer	4	player's cumulative score, only present for player with sequence of 1
			fouls					Integer	0	player's cumulative fouls, only present for player with sequence of 1
			sequence					Integer	1	
		position	abbreviation					String	F	
			name					String	Forward	
			positionId					Integer	7	only available for starting lineup; see positions decode endpoint
		playEvent	playEventId					Integer	4	see playEvents decode endpoint
			name					String	Field Goal Missed	
			playDetail	playDetailId				Integer	40	see playDetails decode endpoint
				name				String	Layup Shot	
			playInfraction	playInfractionId				Integer	3	see playInfractions decode endpoint
				name				String	Team	
		isBlocked						Boolean	FALSE	
		distance						Integer	0	
		shotCoordinates	x					decimal	0.4	See NBA x-y shot coordinates JPG
			y					decimal	-0.3	
		isFastBreak						Boolean	FALSE	
		isInThePaint						Boolean	FALSE	
		isOffTurnover						Boolean	FALSE	
		isSecondChance						Boolean	FALSE	
		visitorScore						Integer	5	
		homeScore						Integer	4	
		pointsScored						Integer	2	1,2,3 or null
		shotAttempt Points						Integer	2	
		visitorFouls						Integer	1	
		homeFouls						Integer	1	
		playText						String	Paul George with a defensive rebound.	
TOP NODE	SUB NODE	SUB NODE 2	SUB NODE 3	SUB NODE 4	SUB NODE 5	SUB NODE 6	SUB NODE 7	DATA TYPE	EXAMPLE	DESCRIPTION

		onCourtId						Integer	46	The ID of the ten players those are on the basketball court at the same time. During the start of each game the onCourtId will be set to 1 and whenever these is a change to the on-court lineup, this ID will be updated.
	shotCharts	shotChartItem[]	teamId					Integer		
			periods[]	period				String	all/1/2/3/4/5,etc	
				fieldGoals	made			Integer	39	
					attempted			Integer	75	
					percentage			String (formatted decimal)	0.52	will not appear if zero attempts
				freeThrows	made			Integer	16	
					attempted			Integer	22	
					percentage			String (formatted decimal)	0.727	will not appear if zero attempts
				shotZones[]	shotZoneId			Integer	1	see NBA court zones JPG
					fieldGoals	made		Integer	2	
						attempted		Integer	6	
						percentage		String (formatted decimal)	0.333	
			players[]	player	playerId			Integer		
					firstName			String		
					lastName			String		
					displayName			String	Nene	only appears when necessary
				periods[]	period			String	all/1/2/3/4/5,etc	
					fieldGoals	made		Integer		
						attempted		Integer		
						percentage		String (formatted decimal)		will not appear if zero attempts
					freeThrows	made		Integer		
						attempted		Integer		
						percentage		String (formatted decimal)		will not appear if zero attempts
					shotZones[]	shotZoneId		Integer		see NBA court zones JPG
						fieldGoals	made	Integer		
							attempted	Integer		
							percentage	String (formatted decimal)		