



**BASKETBALL - NBA -
DATA DICTIONARY
STATISTICS**

28-AUG-2023

1.2.0

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GENERAL INFORMATION

REVISION HISTORY

REVISION	INFORMATION	AUTHOR	REFERENCE DATE
1.0.0	Document Reviewed	Varadraj	10/06/2021
1.1.0	Default splitId updated	Amrutha	19/07/2023
1.2.0	Parameter added	Ashish	28/08/2023

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	NOTES
Statistics Wrapper 1											
sport	sportId							Integer	1		
	name							String	Basketball		
	league	leagueId						Integer	1		
		name						String	National Basketball Assoc.		
		abbreviat ion						String	NBA		
		displayNa me						String	National Basketball Assoc.		
Statistics Wrapper 2											
teams[]	teamId							Integer	13		Only for TEAMS
	location							String	Los Angeles		
	nickname							String	Lakers		
	abbreviation							String	LAL		
or (and ONLY an or)											
players[]	playerId							Integer	214152	Player global-id	Only for PLAYERS
	firstName							String	LeBron		
	lastName							String	James		
	yearLast							Integer	2021	Appears only when a single player is requested	
Statistics Wrapper 3											
seasons[]	season							Integer	2020		
	name							String	2020-21 NBA Season		
	isActive							Boolean	false		
	eventType[]	eventTyp eld						Integer	1		Not included for logs; included only when applicable
		name						String	Regular Season		
		eventRo und[]	eventRound Id					Integer			
			name					String			
			splits[]	splitId				Integer	18	Default split = "splitId": -1, "name": "Official"	PLAYER ENC, PLAYER STATS, or TEAM STATS: only returns Overall
				name				String	Overall, Home, 2 Days Rest, Thursday		
				totalType				String	team, season		Only for PLAYERS, only for STATS
				teamSequ ence				Integer			Only for PLAYERS, when splits.totalType is "team"
				team	teamId			Integer	13		Only for PLAYERS; non-existent for if splits if totalType is "season" for and player who has played on multiple teams within that seasonat totalType
					location			String	Los Angeles		
					nickname			String	Lakers		
					abbreviation			String	LAL		
				events[]	eventId			Integer	2291407	Gamecode (global-id)	Only for LOGS
					eventRound	eventRound Id		Integer			
						name		String			
					startDate[]	year		Integer	2020		
						month		Integer	12		
						date		Integer	22		
						hour		Integer	19		
						minute		Integer	0		
						full		date	2020-12-22T19:00:00		
						dateType		String	Local	Local/UTC/Eastern	
					startDate[]	year		Integer	2020		
						month		Integer	12		
						date		Integer	23		
						hour		Integer	3		
						minute		Integer	0		
						full		date	2020-12-23T03:00:00		
						dateType		String	UTC		
					startDate[]	year		Integer	2020		
						month		Integer	12		
						date		Integer	22		
						hour		Integer	22		
						minute		Integer	0		

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	NOTES
						full		date	2020-12-22T22:00:00		
						dateType		String	Eastern		
					team	teamId		Integer	13		
						location		String	Los Angeles		
						nickname		String	Lakers		
						abbreviatio n		String	LAL		
						teamLocat ionType	teamLocati onTypeId	Integer	1		
							name	String	home	home/away	
					opponentTe am	teamId		Integer	12		
						location		String	Los Angeles		
						nickname		String	Clippers		
						abbreviatio n		String	LAC		
						teamLocat ionType	teamLocati onTypeId	Integer	2		
							name	String	away	home/away	
					outcome	name		String	Loss		
						opponentT eamScore		Integer	116		
						outcomeld		Integer	0		
						teamScore		Integer	109		

TOP NODE	SUB NODE	SUB NODE 2	SUB NODE 3	DATA TYPE	EXAMPLE	DESCRIPTION	NOTES	AVAILABILITY										
								NBA					CBK/WCBK					
								PLAYER		TEAM			PLAYER		TEAM			
								LOGS	STATS	LOG S	STAS (OWN)	STATS (OPPONENT)	LOGS	STATS	LOGS	STATS (OWN)	STATS (OPPONENT)	
Statistics																		
playerStats							Only for PLAYERS											
teamStats[]							Only for TEAMS											
	teamOwnFlag			Boolean	true	Is true when own; false when opponent	Only for TEAMS				x	x	x			x	x	x
	gamesPlayed			Integer	21			x	x	x	x	x	x	x	x	x	x	x
	gamesStarted			Integer	11			x	x				x	x				
	totalSecondsPlayed			Integer	39039			x	x	x	x	x	x	x	x	x	x	x
	minutesPerGame			String (formatted decimal)	"31.0"				x					x				
	points			Integer	285			x	x	x	x	x	x	x	x	x	x	x
	pointsPerGame			String (formatted decimal)	"13.6"				x		x	x		x		x	x	x
	fieldGoals	made		Integer	99			x	x	x	x	x	x	x	x	x	x	x
		attempted		Integer	246			x	x	x	x	x	x	x	x	x	x	x
		percentage		String (formatted decimal)	".402"	Will not appear if zero attempts		x	x	x	x	x	x	x	x	x	x	x
	freeThrows	made		Integer	69			x	x	x	x	x	x	x	x	x	x	x
		attempted		Integer	92			x	x	x	x	x	x	x	x	x	x	x
		percentage		String (formatted decimal)	".750"	Will not appear if zero attempts		x	x	x	x	x	x	x	x	x	x	x
	threePointFieldGoals	made		Integer	18			x	x	x	x	x	x	x	x	x	x	x
		attempted		Integer	68			x	x	x	x	x	x	x	x	x	x	x
		percentage		String (formatted decimal)	".265"	Will not appear if zero attempts		x	x	x	x	x	x	x	x	x	x	x
	rebounds	total		Integer	97			x	x	x	x	x	x	x	x	x	x	x
		totalPerGame		String (formatted decimal)	"4.6"				x		x	x		x		x	x	x
		offensive		Integer	9			x	x	x	x	x	x	x	x	x	x	x
		offensivePerGame		String (formatted decimal)	"0.4"				x		x	x		x		x	x	x
		defensive		Integer	88			x	x	x	x	x	x	x	x	x	x	x
		defensivePerGame		String (formatted decimal)	"4.2"				x		x	x		x		x	x	x
		team		Integer	31					x	x	x			x	x	x	x
	assists			Integer	74			x	x	x	x	x	x	x	x	x	x	x
	assistsPerGame			String (formatted decimal)	"3.5"				x		x	x		x		x	x	x
	steals			Integer	36			x	x	x	x	x	x	x	x	x	x	x
	stealsPerGame			String (formatted decimal)	"1.7"				x		x	x		x		x	x	x
	blockedShots			Integer	15			x	x	x	x	x	x	x	x	x	x	x

TOP NODE	SUB NODE	SUB NODE 2	SUB NODE 3	DATA TYPE	EXAMPLE	DESCRIPTION	NOTES	AVALABILITY									
								NBA					CBK/WCBK				
								PLAYER		TEAM			PLAYER		TEAM		
								LOGS	STATS	LOG S	STAS (OWN)	STATS (OPPONENT)	LOGS	STATS	LOGS	STATS (OWN)	STATS (OPPONENT)
	blockedShotsPerGame			String (formatted decimal)	"0.7"				X		X	X		X		X	X
	blockedShotsAgainst			Integer	31			X	X								
	blockedShotsAgainstPerGame			String (formatted decimal)	"1.5"				X								
	turnovers			Integer	77	When team: includes teamTurnovers		X	X	X	X	X	X	X	X	X	X
	turnoversPerGame			String (formatted decimal)	"3.7"				X		X	X		X		X	X
	plusMinus			Integer	-92			X	X								
	teamTurnovers			Integer	102					X	X	X			X	X	X
	personalFouls			Integer	55			X	X	X	X	X	X	X	X	X	X
	personalFoulsReceived			Integer	71			X	X								
	disqualifications			Integer	0			X	X	X	X	X	X	X	X	X	X
	technicalFouls			Integer	1	When team: includes (team/coach/bench) TechnicalFouls		X	X	X	X	X	X	X	X	X	X
	teamTechnicalFouls			Integer	3					X	X	X			X	X	X
	coachTechnicalFouls			Integer	4					X	X	X			X	X	X
	benchTechnicalFouls			Integer	2					X	X	X			X	X	X
	flagrantFouls			Integer	0			X	X	X	X	X	X	X	X	X	X
	defensive3Seconds			Integer	1	Unavailable when not applicable				X	X	X					
	illegalDefense			Integer	1	Unavailable when not applicable				X	X	X					
	ejections			Integer	0	When team: includes coachEjections		X	X	X	X	X	X	X	X	X	X
	coachEjections			Integer	0					X	X	X			X	X	X
	pointsOffTurnovers			Integer	32					X	X	X					
	pointsInPaint			Integer	109					X	X	X					
	secondChancePoints			Integer	85					X	X	X					
	fastBreakPoints			Integer	36					X	X	X					
	tripleDoubles			Integer	2			X	X				X	X			
	doubleDoubles			Integer	12			X	X				X	X			
	highGamePoints			Integer	45				X					X			
	assistToTurnoverRatio			String (formatted decimal)	"0.96"		Will be null if denominator is 0	X	X	X	X	X	X	X	X	X	X
	stealToTurnoverRatio			String (formatted decimal)	"0.47"		Will be null if denominator is 0	X	X	X	X	X	X	X	X	X	X
	effectiveFieldGoalPercentage			String (formatted decimal)	".439"	Will not appear if no FGA		X	X	X	X	X	X	X	X	X	X
	trueShootingPercentage			String (formatted decimal)	".540"	Will not appear if no FG and no FT attempts		X	X								
	freeThrowRate			String (formatted decimal)	".192"			X	X								
	lineupStats[]	lineupId		Integer			When using /teams all lineups used by that team will be returned, when using /players all lineups that included that player will be returned. For	X	X	X	X						
		player[]	playerId	Integer				X	X	X	X						
			firstName	string				X	X	X	X						
			lastName	string				X	X	X	X						

TOP NODE	SUB NODE	SUB NODE 2	SUB NODE 3	DATA TYPE	EXAMPLE	DESCRIPTION	NOTES	AVALABILITY									
								NBA					CBK/WCBK				
								PLAYER		TEAM			PLAYER		TEAM		
								LOGS	STATS	LOG S	STAS (OWN)	STATS (OPPONENT)	LOGS	STATS	LOGS	STATS (OWN)	STATS (OPPONENT)
		secondsPl ayed		Integer			player logs, you must use a playerId and eventId. For team logs, you must an eventId.	X	X	X	X						
		assists		Integer				X	X	X	X						
		biggestLea d		Integer				X	X	X	X						
		blockedSh ots		Integer				X	X	X	X						
		blockedSh otsAgainst		Integer				X	X	X	X						
		coachEject ions		Integer				X	X	X	X						
		defensive3 Seconds		Integer				X	X	X	X						
		ejections		Integer				X	X	X	X						
		fastBreakP oints		Integer				X	X	X	X						
		fieldGoals	made	Integer				X	X	X	X						
			attempted	Integer				X	X	X	X						
			percentage	String (formatted decimal)				X	X	X	X						
		freeThrow s	made	Integer				X	X	X	X						
			attempted	Integer				X	X	X	X						
			percentage	String (formatted decimal)				X	X	X	X						
		flagrantFo uls		Integer				X	X	X	X						
		foulsRecei ved		Integer				X	X	X	X						
		gameStart ed		Integer				X	X	X	X						
		personalF ouls		Integer				X	X	X	X						
		plusMinus		Integer				X	X	X	X						
		pointsInPai nt		Integer				X	X	X	X						
		pointsOffT urnovers		Integer				X	X	X	X						
		rebounds	offensiveRebou nds	Integer				X	X	X	X						
			defensiveRebou nds	Integer				X	X	X	X						
			totalRebounds	Integer				X	X	X	X						
			teamRebounds	Integer				X	X	X	X						
			teamDefensive Rebounds	Integer				X	X	X	X						
			teamOffensiveR ebounds	Integer				X	X	X	X						
		secondCh ancePoints		Integer				X	X	X	X						
		steals		Integer				X	X	X	X						
		technicalF ouls		Integer				X	X	X	X						
		teamTech nicalFouls		Integer				X	X	X	X						
		tiplns		Integer				X	X	X	X						
		points		Integer				X	X	X	X						
		turnovers		Integer				X	X	X	X						
		teamTurno vers		Integer				X	X	X	X						
		threePoint FieldGoal s	made	Integer				X	X	X	X						
			attempted	Integer				X	X	X	X						
			percentage	String (formatted decimal)				X	X	X	X						

TOP NODE	SUB NODE	SUB NODE 2	SUB NODE 3	DATA TYPE	EXAMPLE	DESCRIPTION	NOTES	AVALABILITY									
								NBA					CBK/WCBK				
								PLAYER		TEAM			PLAYER		TEAM		
								LOGS	STATS	LOG S	STAS (OWN)	STATS (OPPONENT)	LOGS	STATS	LOGS	STATS (OWN)	STATS (OPPONENT)
	advancedStats	possessions		Integer	1630			X	X	X	X						
		ratings	offensive	String (formatted decimal)	88.3				X		X	X					
			defensive	String (formatted decimal)	102.1				X		X	X					
			net	String (formatted decimal)	-14.7				X		X	X					
		assistRate		String (formatted decimal)	".152"				X		X	X					
		turnoverRate		String (formatted decimal)	".155"				X		X	X					
		pace		String (formatted decimal)	98.2						X						
		reboundPercentage	offensive	String (formatted decimal)	".365"						X	X					
			defensive	String (formatted decimal)	".755"						X	X					
			total	String (formatted decimal)	".513"						X	X					
		usagePercentage		String (formatted decimal)	".215"				X								
		fieldGoalsAtRim	made	String (formatted decimal)	12		Less than 3 feet	X	X	X	X	X					
			attempted	String (formatted decimal)	24			X	X	X	X	X					
			percentage	String (formatted decimal)	".500"			X	X	X	X	X					
		fieldGoalsMidRange	made	String (formatted decimal)	15		3-15 feet	X	X	X	X	X					
			attempted	String (formatted decimal)	20			X	X	X	X	X					
			percentage	String (formatted decimal)	".750"			X	X	X	X	X					
		trueShootingPercentage		String (formatted decimal)	".614"			X	X	X	X	X					
		effectiveFieldGoalPercentage		String (formatted decimal)	".622"			X	X	X	X	X					
		ballMovement		String (formatted decimal)	".658"					X	X	X					
		pythagoreanWins		Integer	41						X						
		pythagoreanLosses		Integer	41						X						
		freeThrowRate		String (formatted decimal)	".142"			X	X	X	X	X					
		playerEfficiencyRating		String (formatted decimal)	12.4				X								
		winShares	offensive	String (formatted decimal)	-0.5				X								
			defensive	String (formatted decimal)	1.2				X								
			total	String (formatted decimal)	-0.2				X								

