BASEBALL - MLB - DATA DICTIONARY STATISTICS

27-DEC-21
1.0.0

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GENERAL INFORMATION

REVISION HISTORY

REVISION	INFORMATION	AUTHOR	REFERENCE DATE
1.0.0	Document Review & Update	Varadraj	27-Dec-21

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	AVAILABILITY
Statistics Wrapper 1											
sport	sportId							Integer	2		
	name							String	Baseball		
	league	leagueId						Integer	7		
		name						String	Major League Baseball		
		abbreviation						String	MLB		
		displayName						String	Major League Baseball		
Statistics Wrapper 2											
teams[]	teamId							Integer	239		Only for TEAMS
	location							String	Atlanta		
	nickname							String	Braves		
	abbreviation							String	Atl		
or (and ONLY an or) OR											
players[]	playerId							Integer	877503		Only for PLAYERS
	firstName							String	Ronald		
	lastName							String	Acuna Jr.		
	yearLast							Integer	2021	Appears only when a single player is selected	
Statistics Wrapper 3											
seasons[]	season							Integer	2021		
	name							String	2021 MLB Season		
	isActive							boolean	true		
	eventType[]	eventTypeId						Integer	1	0 - Spring Training 1 - Regular Season 2 - Postseason - All-Star Game	
		name						String	Regular Season		
		eventRound[]	eventRoundId					Integer	4	1 - Wild Card 2 - Divisional Playoffs - League Championship 4 - World Serie	Not included for logs; included only when applicable. See event round decode endpoints
			name					String	World Series		
			splits[]	splitId				Integer	-1		PLAYER ENC, PLAYER STATS, or TEAM STATS: only brings back Overall
				name				String	Official Stats	Official Stats, Home, Thursday, At Wrigley Field	
				totalType				String	season	team, season, conference	Only for PLAYERS, only for STATS
				teamSequence				Integer	1		Only for PLAYERS, only when splits.totalType is "team"
				team	teamId			Integer	239		Only for PLAYERS; non-existent if splits.totalType is "season" or "conference" for a player who played on multiple teams within that totalType
					location			String	Atlanta		
					nickname			String	Braves		
					abbreviation			String	Atl		
				conference	conferenceId			Integer	6		Only for PLAYERS: only when splits.totalType is "conference"
					name			String	National league		
					abbreviation			String	NL		
				events[]	eventId			Integer	1464242		
					eventRound	eventRoundId		Integer	4	0 - Spring Training 1 - Regular Season	Only for LOGS

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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	AVAILABILITY
										2 - Postseason - All-Star Game	
						name		String	World Series		
					startDate[ ]	year		Integer	2021		
						month		Integer	11		
						date		Integer	2		
						hour		Integer	13		
						minute		Integer	15		
						full		date	2021-11-2T13:15:00		
						dateType		String	Local		
					team	teamId		Integer	239		
						location		String	Atlanta		
						nickname		String	Braves		
						abbreviation		String	Atl		
						teamLocationType	teamLocationTypeId	Integer	1		
							name	String	home		
					opponentTeam	teamId		Integer	234		
						location		String	New York		
						nickname		String	Yankees		
						abbreviation		String	NYY		
						teamLocationType	teamLocationTypeId	Integer	2		
							name	String	away		
					outcome	outcomeId		Integer	2		
						name		String	W		
						teamScore		Integer	3		
						opponentTeamScore		Integer	1		
Statistics											
playerStats											Only for PLAYERS
teamStats											Only for TEAMS
	battingStats	**games**	total					Integer	82		
			starts					Integer	80		Only for PLAYERS
		battingAverage						String (formatted decimal)	.283		For game logs, this is a running total through that game.
		plateAppearances						Integer	360		
		atBats						Integer	297		
		runsScored						Integer	72		
		weightedRunsAboveAverage						String (formatted decimal)	29.05		Not available for player logs; not available for most splits
		hits	total					Integer	84		
			singles					Integer	40		
			doubles					Integer	19		
			triples					Integer	1		
			homeRuns					Integer	24		
			extraBaseHits					Integer	44		
		runsBattedIn	total					Integer	52		
			gameWinning					Integer	9		
		stolenBases	total					Integer	17		
			attempts					Integer	23		

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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	AVAILABILITY
			caughtStealing					Integer	6		
			percentage					String (formatted decimal)	73.9		For game logs, this is a running total through that game
			weightedStolenBases					String (formatted decimal)	0.56		Not available for player logs; not available for most splits
		totalBases						Integer	177		
		hitByPitch						Integer	7		
		strikeouts						Integer	85		
		strikeoutsLooking						Integer	35		
		groundIntoDoublePlays	total					Integer	0		
			opportunities					Integer	34		
			percentage					String (formatted decimal)	.000		For game logs, this is a running total through that game.
		timesOnBase						Integer	142		
		onBasePercentage						String (formatted decimal)	.394		For game logs, this is a running total through that game.
		baserunning Runs						String (formatted decimal)	2.87		Not available for player logs; not available for most splits
		sluggingPercentage						String (formatted decimal)	.596		For game logs, this is a running total through that game.
		onBasePlusSluggingPercentage						String (formatted decimal)	.990		For game logs, this is a running total through that game.
		onBasePlusSluggingPlus						String (formatted decimal)	160.4		Not available for player logs; not available for most splits
		grossProductionAverage						String (formatted decimal)	.326		Not available for player logs; not available for most splits
		totalAverage						String (formatted decimal)	1.160		Not available for player logs; not available for most splits
		pitchesSeen	total					Integer	1449		
			ratePerPlateAppearance					String (formatted decimal)	4.03		
		ballsHit	flyballs					Integer	84		
			flyballPercentage					String (formatted decimal)	38.7		For game logs, this is a running total through that game.
			groundballs					Integer	68		
			groundballPercentage					String (formatted decimal)	31.3		For game logs, this is a running total through that game.
			groundballFlyballRatio					String (formatted decimal)	.81		For game logs, this is a running total through that game.
			lineDrives					Integer	65		
			lineDrivePercentage					String (formatted decimal)	30.0		Not available for player logs; not available for most splits

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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	AVAILABILITY
		sacrifices	hits					Integer	0		
			flies					Integer	5		
		walks	total					Integer	49		
			intentional					Integer	2		
			walksPerStrikeout					String (formatted decimal)	0.58		Not available for player logs; not available for most splits
		runsCreated						Integer	64		Not available for player logs; not available for most splits
		winsAboveReplacement	baserunningWinsAboveReplacement					String (formatted decimal)	0.3		Not available for player logs; not available for most splits
			battingWinsAboveReplacement					String (formatted decimal)	2.7		Not available for player logs; not available for most splits
			totalWinsAboveReplacement					String (formatted decimal)	4.7		Not available for player logs; not available for most splits
		hitCharts[]	**battedBall**	**atBatResult**	pbpDetailId			Integer	2		Only available for season totals
					name			String	Single		
				battedBallType				String	G/F/P		
				direction				String	A/B/C etc.		See hit_direction.GIF
				distance				Integer	105	Distance ball traveled in feet	
				eventId				Integer	1167408		
				venue	venueId			Integer	10292		
					name			String	Marlins Park		
		hotZones[]	**hotZone**	region				String	A1		Only available for season totals. See hot_zones.jpg. Only regions with pitch data will appear.
				batSide	handId			Integer	1		
					name			String	R/L		
				hits				Integer	2		
				atBats				Integer	12		
				battingAverage				String (formatted decimal)	0.305		
				swings				Integer	34		
				swingPercentage				String (formatted decimal)	35.67		
				contact				Integer	4		
				contactPercentage				String (formatted decimal)	12.56		
				pitchesSeen				Integer	58		
				sluggingPercentage				String (formatted decimal)	0.667		
	pitchingStats	**games**	total					Integer	35		
			starts					Integer	35		
			complete					Integer	5		
			shutouts					Integer	1		
			qualityStarts					Integer	24		Not available for most splits
			finishes					Integer	0		
		record	wins					Integer	15		
			losses					Integer	11		

STATS PERFORM

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	AVAILABILITY
			percentage					String (formatted decimal)	.577		For game logs, this is a running total through that game
		runsAllowed	total					Integer	85		
			earnedRuns					Integer	74		
			runsBattedIn					Integer	78		
		saves	total					Integer	1		
			opportunities					Integer	8		
			blown					Integer	4		
			percentage					String (formatted decimal)	.235		For game logs, this is a running total through that game.
		earnedRunAverage						String (formatted decimal)	2.72		For game logs, this is a running total through that game.
		earnedRunAverageAdjusted						String (formatted decimal)	51.46		Not available for player logs; not available for most splits
		inningsPitched						String (formatted decimal)	"17.0", "17.1", "17.2"	.1 represents 1/3rd of an inning; .2 represents 2/3rd of an inning	
		totalBattersFaced						Integer	978		
		opponentAtBats						Integer	934		
		hitsAllowed	total					Integer	225		
			ratePerNineInnings					String (formatted decimal)	8.3		For game logs, this is a running total through that game.
			doubles					Integer	45		
			triples					Integer	6		
			homeRuns	total				Integer	11		
				ratePerNineInnings				String (formatted decimal)	0.4		For game logs, this is a running total through that game.
		walks	total					Integer	28		
			intentional					Integer	11		
		strikeouts	total					Integer	172		
			ratePerNineInnings					String (formatted decimal)	6.3		For game logs, this is a running total through that game.
		pitches	total					Integer	3066		
			pitchesPerInning					String (formatted decimal)	12.5		
			pitchesPerStart					String (formatted decimal)	98.6		For game logs, this is a running total through that game. Not available for most splits
		pickoffs	total					Integer	2		
			throws					Integer	158		
			throwsPerBaserunner					Integer	0.6		
			pickoffsPlusPitcherCaughtStealing					Integer	2		
		ballsHitAllowed	flyballs					Integer	153		
			flyballPercentage					String (formatted decimal)	24.8		For game logs, this is a running total through that game.

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	AVAILABILITY
			groundballs					Integer	465		
			groundballPercentage					String (formatted decimal)	75.2		For game logs, this is a running total through that game.
			groundballFlyballRatio					String (formatted decimal)	3.04		For game logs, this is a running total through that game.
			lineDrives					Integer	34		
		inheritedRunners	total					Integer	8		
			stranded					Integer	5		
			scorePercentage					String (formatted decimal)	.125		
		hitBatsmen						Integer	3		
		runSupport	total					Integer	111		
			ratePerNineInnings					String (formatted decimal)	4.08		For game logs, this is a running total through that game
		holds						Integer	3		
		sacrifices	hits					Integer	8		
			flies					Integer	5		
		wildPitches						Integer	4		
		balks						Integer	1		
		stolenBasesAgainst	total					Integer	21		
			attempts					Integer	26		
			caughtStealing					Integer	5		
			percentage					String (formatted decimal)	80.8		For game logs, this is a running total through that game
		groundIntoDoublePlays	total					Integer	24		
			ratePerNineInnings					String (formatted decimal)	0.9		For game logs, this is a running total through that game
			percentage					String (formatted decimal)	.156		For game logs, this is a running total through that game
		opponentBattingAverage						String (formatted decimal)	.241		
		opponentOnBasePercentage						String (formatted decimal)	.264		
		opponentSluggingPercentage						String (formatted decimal)	.337		
		strikeoutWalkRatio						Integer	6.14		
		fieldingIndependentPitching						String (formatted decimal)	6.22		Not available for player logs; not available for most splits
		fieldingIndependentPitchingAdjusted						String (formatted decimal)	8.76		Not available for player logs; not available for most splits
		baserunnersAllowed	total					Integer	256		
			ratePerNineInnings					String (formatted decimal)	9.4		For game logs, this is a running total through that game.

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	AVAILABILITY
		walksPlusHits	total					Integer	253		
			ratePerInning					String (formatted decimal)	1.03		
		winsAboveReplacement	positionalWinsAboveReplacement					String (formatted decimal)	0.1		Not available for player logs; not available for most splits
			replacementWinsAboveReplacement					String (formatted decimal)	0.5		Not available for player logs; not available for most splits
			pitchingWinsAboveReplacement					String (formatted decimal)	1.1		Not available for player logs; not available for most splits
		pitchVelocity[]	pitches					Integer	1		Only available for season totals
			pitchType	pitchTypeId				Integer	1		
				Name				String	Fastball		
			maxVelocity[]	speedUnitId				Integer	1		
				name				String	Miles per hour		
				abbreviation				String	MPH		
				speed				String	98		
			minVelocity[]	speedUnitId				Integer	1		
				name				String	Miles per hour		
				abbreviation				String	MPH		
				speed				String	98		
			averageVelocity[]	speedUnitId				Integer	1		
				name				String	Miles per hour		
				abbreviation				String	MPH		
				speed				String	98		
	xInfo[]	xInfoId						Integer	501		
		total						Integer	10		
	fieldingStats	position	positionId					Integer	8		See position decode endpoint
			name					String	Center Field		
		games	total					Integer	2		
			starts					Integer	1		
			innings					String (formatted decimal)	13.0	.1 represents 1/3rd of an inning; .2 represents 2/3rd of an inning	
			putouts					Integer	6		
			errors					Integer	0		
			fieldingPercentage					String (formatted decimal)	. 1.000		
			rangeFactor					String (formatted decimal)	4.15		Not available for pitchers, catchers, first basemen and 'Total' category/position ID
			doublePlays					Integer	0		
			triplePlays					Integer	0		
			hitsAllowed					Integer	0		
			zoneRating					String (formatted decimal)	1.000		Not available for pitchers or catchers and 'Total' category/position ID

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	AVAILABILITY
		fieldingOuts						Integer	6		
		ballsHitInZone						Integer	6		
		opportunities						Integer	6		
		assists						Integer	6		
		passedBalls						Integer	2		Catchers only
		stolenBasesAgainst	**total**	catcher				Integer	24		Catchers only
				pitcher				Integer	24		Catchers only
			attempts	catcher				Integer	34		Catchers only
				pitcher				Integer	24		Catchers only
			caughtStealing	catcher				Integer	10		Catchers only
				pitcher				Integer	0		Catchers only
			percentage	overall				Integer	70.6		For game logs, this is a running total through that game. Catchers only
				withoutPitcherCaughtStealing				Integer	70.6		For game logs, this is a running total through that game. Catchers only
		earnedRunAverage						String (formatted decimal)	3.67		Catchers only
		pickoffs	pitcher					Integer	2		Catchers only
			catcher					Integer	0		Catchers only