

## Mobile Pulse Data Dictionary for State of Colorado Cellular Testing Data

This data is made available for not-for-profit use by the Colorado Statewide Internet Portal Authority (SIPA.) This data includes anonymous mobile broadband test results from devices in Colorado running the Mobile Pulse testing app(s.) SIPA is providing this data for the purpose of analyzing, evaluating and displaying mobile broadband test results. The data may be imported, combined and displayed for analysis in systems under your control. By accepting this data, you are agreeing to not sell the data or any service derived from analysis and/or display of the data.

Field	Description	Example Value
address.zip	Using GPS location, the server looks up address using third-party REST API. Not done on device.	80203
device.netOp	Common name of cellular carrier provider	Verizon
device.netType	Network type	EvDo rev. A
device.networkType	Network technology	CDMA
device.roaming	Indicates whether or not the device is roaming	True/false
device.signalStrength	Signal strength (RSSI) in dBm	-66
device.simOp	SIM provider	Verizon
download.speed	Result of the download test in kbps	20.122
download.status	a string with the possible values "success", "timeout", or "error"	success
isLatency	Whether or not the test is considered a latency (limited) test. If true, download and upload tests were omitted.	FALSE

latency.average	Contains the average latency results based on ping results to the configured URL	25
latency.status	a string with the possible values "success", "timeout", or "error"	success
latitude	Geographic latitude of test	39.70753943
longitude	Geographic longitude of the test	-104.9674483
upload.speed	Result of the upload test in kbps	121.588
upload.status	a string with the possible values "success", "timeout", or "error"	success