

# **Data Dictionary for MTR Bus API**

**Version 1.19  
1 Mar 2026**

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Version	Details of Change	Effective Date
1.0	Initial Release	30 Sept 2021
1.1	Minor Revision	14 Feb 2022
1.2	Minor Revision	28 Feb 2022
1.3	Minor Revision	7 Mar 2022
1.4	Minor Revision	25 Apr 2022
1.5	Minor Revision	1 Aug 2022
1.6	Minor Revision	29 Aug 2022
1.7	Minor Revision	27 Sep 2022
1.8	Minor Revision	4 Feb 2024
1.9	Minor Revision	26 Feb 2024
1.10	Minor Revision	22 Apr 2024
1.11	Minor Revision	2 Jul 2024
1.12	Minor Revision	2 Jan 2025
1.13	Route No Update	6 Oct 2025
1.14	Special Route Update	8 Dec 2025
1.15	New Route Update	13 Dec 2025
1.16	New Route Update	19 Dec 2025
1.17	Route Update	12 Jan 2026
1.18	Route Update	24 Jan 2026
1.19	Route Update	1 Mar 2026

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## 1. Description and requirement of required variables

The following tables show the required variables when using the API. Valid result will be returned only if both parameter 1(language) and parameter 2(routeName) is correct.

Parameter 1	Description
en	English
zh	Traditional Chinese

Parameter 2 (routeName)	Data Type	Description
506	String	Tuen Mun Ferry Pier to Siu Lun 屯門碼頭至兆麟
506		Glorious Garden to Tuen Mun Station 富健花園至屯門站
K12		Tai Po Market Station to Eightland Garden 大埔墟站至八號花園
K14		Tai Po Mega Mall to Tai Po Market Station 大埔超級城至大埔墟站
K17		Tai Po Market Station to Fu Shin 大埔墟站至富善
K18		Tai Po Market Station to Kwong Fuk 大埔墟站至廣福
K51		Fu Tai to Tai Lam 富泰至大欖
K51A		Fu Tai to So Kwun Wat 富泰至掃管笏
K51		Fu Tai to Siu Hong Station 富泰至兆康站
K51		Siu Hong Station to Fu Tai 兆康站至富泰
K52		Yuet Wu Villa to Lung Kwu Tan 悅湖山莊至龍鼓灘
K52A		Tuen Mun Station to Tsang Tsui 屯門站至曾咀
K52		LR Tuen Mun Stop to Lung Kwu Tan 輕鐵屯門站至龍鼓灘
K52P		Lung Kwu Tan to Tuen Mun Station 龍鼓灘至屯門站
K53		Tuen Mun Station to So Kwun Wat (Circular) 屯門站至掃管笏 (循環綫)
K53S		Tuen Mun Station to Yip Wong Estate (Circular) 屯門站至業旺&#37032;(循環綫)
K54		Wo Tin Estate to Tuen Mun Town Centre (Circular) 和田&#37032;至屯門市中心(循環綫)
K54A		Wo Tin Estate to Siu Hong Station 和田&#37032;至兆康站
K58		Fu Tai to So Kwun Wat 富泰至掃管笏
K65		Yuen Long Station to Lau Fau Shan 元朗站至流浮山

K65A	Tin Shui Wai Station to Lau Fau Shan 天水圍站至流浮山
K66	Long Ping to Tai Tong Wong Nai Tun Tsuen 朗屏至大棠黃泥墩村
K66	Tai Tong Wong Nai Tun Tsuen to Yuet Ping House, Long Ping Estate 大棠黃泥墩村至朗屏&#37032;悅屏樓
K66	Tai Tong Wong Nai Tun Tsuen to On Hong Road 大棠黃泥墩村至安康路
K66	Nam Hang Pai to Long Ping 南坑排至朗屏
K68	Yuen Long Industrial Estate to Yuen Long Park (Circular) 元朗工業&#37032;至元朗公園 (循環綫)
K68	Silver Field Garden to Yuen Long Industrial Estate 銀田花園至元朗工業&#37032;
K68	Yuen Long Plaza to Yuen Long Industrial Estate 元朗廣場至元朗工業&#37032;
K68	Tai Kiu Tsuen to Yuen Long Industrial Estate 大橋村至元朗工業&#37032;
K68	Yuen Long Industrial Estate to Tai Kiu Tsuen 元朗工業&#37032;至大橋村
K73	Tin Heng to Yuen Long West 天恆至元朗西
K73	Tin Yan to Yuen Long West 天恩至元朗西
K73	HKFYG Lee Shau Kee College to Yuen Long West 香港青年協會李兆基書院至元朗西
K74	Tin Shui Wai Town Centre to Au Tau (Circular) 天水圍市中心至凹頭 (循環綫)
K75A	Tin Shui Wai Station to Hung Shui Kiu (Circular) 天水圍站至洪水橋 (循環綫)
K75P	Tin Shui to Hung Shui Kiu (Circular) 天瑞至洪水橋 (循環綫)
K75S	Tin Shui Wai Station to Hung Fuk Estate (Circular) 天水圍站至洪福&#37032; (循環綫)
K75S	Hung Shui Kiu Bus Depot to Tin Shui Wai Station 洪水橋巴士廠至天水圍站
K75P	Hung Shui Kiu Bus Depot to Tin Shui 洪水橋巴士廠至天瑞
K76	Tin Heng to Tin Shui Wai Station 天恆至天水圍站
K76S	Wetland Park Road (near Tin Kwai Road) to Tin Shing Court /MTR Tin Shui Wai Station 濕地公園路(近天葵路)至天盛苑/港鐵天水圍站

\*\* routeName included list of MTR Bus routes; this does not reflect the availability of the routes.

## 2. Description of returned result

The returned result is in JSON format. The data type and description of returned data is listed in below table.

Name of JSON data	Data Type	Description
appRefreshTimeInSecond	String	Time interval between each refresh
busStop	Array format	Array of bus stop list
caseNumber	Integer	<i>Deprecated</i>
caseNumberDetail	String	<i>Deprecated</i>
footerRemarks	String	Disclaimer for estimated time provided
routeColour	String	<i>Deprecated</i>
routeName	String	Route Name
routeStatus	String	<i>Deprecated</i>
routeStatusColour	String	<i>Deprecated</i>
routeStatusRemarkContent	String	<i>Deprecated</i>
routeStatusRemarkFooterRemark	String	<i>Deprecated</i>
routeStatusRemarkTitle	String	<i>Deprecated</i>
routeStatusTime	Strings of date format "yyyy-MM-dd HH:mm"	System date and time
status	String	System status code  Value: "1" = normal "0" = error or alert
Data within each bus stop in the selected route (Array of bus stop list)		
bus	Array format	Array of bus list
busIcon	String	<i>Deprecated</i>
busStopId	String	Bus Stop ID
busStopRemark	String	<i>Deprecated</i>
busStopStatus	String	<i>Deprecated</i>
busStopStatusRemarkContent	String	<i>Deprecated</i>
busStopStatusRemarkTitle	String	<i>Deprecated</i>
busStopStatusTime	Strings of date format "yyyy-MM-dd HH:mm"	<i>Deprecated</i>
isSuspended	String	Indicate if the service is suspended  Value: "1" = suspended "0" = normal service
Data of each bus in the selected route (Array of bus list)		
arrivalTimeInSecond	String	Estimated time of arrival of the bus in seconds
arrivalTimeText	String	Estimated time of arrival in text

		<p>format</p> <p>“_ minutes/分鐘”: the bus is arriving in the stated time</p> <p>“Arriving / Departed” or “即將到站/已離開”: the bus is arriving soon / has departed</p> <p>no arrival time text for first stops of non-circular route</p>
busId	String	Unique Id of the bus
busLocation – latitude & longitude	Coordinates	Latitude and Longitude of the bus' current location
busRemark	String	<i>Deprecated</i>
departureTimeInSecond	String	Estimated time of departure of the bus in seconds
departureTimeText	String	<p>Estimated time of departure in text format</p> <p>“_ minutes/分鐘”: the bus is departing in the stated time</p> <p>“Departing / Departed” or “即將開出/已離開”: the bus is departing soon / has departed</p>
isDelayed	String	<i>Deprecated</i>
isScheduled	String	<p>Indicate if the estimated time of arrive is based on service schedule</p> <p>Value:</p> <p>“1” = based on service schedule</p> <p>“0” = based on real time status</p>
lineRef	String	<p>Route Reference name formed by combination of Route Name and Initial of Destination Name</p> <p>If the selected route is circular route, Initial of Destination Name = “CIR”</p>

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### **3. Appendix**

MTR bus route data details are available in the “MTR routes, fares and barrier-free facilities” datasets on data.gov.hk. Please refer to the related CSV files at the link below:

- MTR Bus & Feeder Bus Routes
- MTR Bus & Feeder Bus Stops
- MTR Bus & Feeder Bus Fares

<https://data.gov.hk/en-data/dataset/mtr-data-routes-fares-barrier-free-facilities>