



improving
public transport
through technology

Bus Open Data Statutory Instrument July 2020

SUMMARY OF KEY DATES AND DATA FORMATS

Data	Supply From	Mandated Supply	Change Notice Period	Data Format	Note
Routes & Timetable	Jan 2020	31 st Dec 2020	When supplied to Traffic Commissioner. > 28 days for Franchising Authority	Until 31 Dec 2020: TransXChange v2.1 - 2.5 General Profile After 1 st Jan 2021: TransXChange v2.4 BODS Profile	Service cancellation: Immediately before cancellation DfT will host data for operators <40 services Profile Available
Fares – Simple		7 th Jan 2021	Before date of change	NeTeX BODS Fares Profile	DfT will host data for operators <40 services Profile Available
Fares – Complex		7 th Jan 2023	Before date of change	NeTeX BODS Fares Profile	DfT will host data for operators <40 services Profile Available
AVL		1 st Jan 2021 for new services, 7 th Jan 2021 for existing	Update frequency >= 30 seconds =< 10 seconds	SIRI VM BODS Profile	Profile in development
Punctuality		From 31 st March 2021	Annual update by 31 st March for preceding year	Current format will be accepted initially	For 31 March 2021 a 3 month update will be required. First full year due 31 st March 2022
Bus Stop Data		31 st December 2020	Not mentioned	NaPTAN v2.4	Schema available

General information about bus open data service, guidance documents etc.

<https://www.gov.uk/government/collections/bus-open-data-service>

Data	Data Format	Documentation Location
Routes & Timetable	<p>Until 31 Dec 2020: TransXChange v2.1 - 2.5 General Profile</p> <p>After 1st Jan 2021: TransXChange v2.4 BODS Profile</p>	<p>Schema: https://www.gov.uk/government/publications/transxchange-downloads-and-schema</p> <p>Profile Guide: http://www.rtig.org.uk/web/Portals/0/TransXChange%20UK%20PTI%20Profile%20v1.0.pdf</p>
Fares – Simple	NeTeX BODS Fares Profile	http://netex.uk/fareexchange/downloads.htm#v1.0a
Fares – Complex	NeTeX BODS Fares Profile	http://netex.uk/fareexchange/downloads.htm#v1.0a
AVL	SIRI VM BODS Profile	
Punctuality	Current format will be accepted initially	
Bus Stop Data	NaPTAN v2.4	http://naptan.dft.gov.uk/naptan/