

Create Fares Data - Guidance

Website <https://fares-data.dft.gov.uk/>

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General Guidance

Before you start

In order to register to use the service, we require you to have a valid National Operator Code (NOC) every registered operator has one, if you are not sure that your NOC is, you can find it at <https://www.travelinedata.org.uk/traveline-open-data/transport-operations/about-2/>

If you do not have a NOC you need to request one from Traveline
<https://www.travelinedata.org.uk/help/contact/>

Make a list of all the fares your organisation offers before starting then you can tick them off when you've uploaded them to BODS.

It's useful to have all of your fare triangles/charts saved to your computer before you start the process. If you do not have existing copies of your fares information, there is a way to create it within the service itself, this is called 'Manual fare triangle input'.

Registering to use the Create fares data service

To register for the service, you will need to request access using the email address provided on this page <https://fares-data.dft.gov.uk/contact>

A member of the service team will be in touch with you to set up your account.

- You will need to provide the following information:
 - Your email address
 - Your National Operator Code
 - Choose a password

Remember to register the email addresses of the people who will actually use the service to create the fares data data

Using the Create fares data service

If you're using the service for the first time, you will need to click on 'Create NeTEx data for your fares', this will direct you to a page where you can select the type of fare you wish to upload.

There are currently four 'standard' fare options and two 'other' fare options available
If you are uploading a **school service fare**, please use the specific school service option under 'other fares'.

When creating fares data, the first question you will be asked is which passenger type can use the ticket. It may help to upload all of your tickets for a specific passenger type at once. For example, all Adult tickets.

The service will ask you specific questions about each of your fares, help text is included on each page to help explain exactly what you need to do. If anything is unclear, please use the contact email address provided and a member of the team will be able to assist you either via email or telephone.

Fare type definitions

Single

A point to point or stage to stage fare for a single journey

Period

A pass that gives unlimited travel within defined bounds over a period of time

Return

A point to point or stage to stage fare for a return journey

Flat Fare

A fixed price ticket for a single journey

Multi operator

Same as a period product but valid across more than one operator or national operator code (NOC)

School Service

Products that relate to educational institutions. These can be any of the fare types listed above

Main journeys through the service

All journeys begin with defining the passenger details, age and time restrictions.

Single

You will be asked to select service for the product and define a direction then define the fares between all the possible points in the journey. You can do this by uploading your own fares triangle.

You will then need to attribute stops to all of the fare stages.

Period

You will need to choose if the product gives the right to travel across geographical zone or on specific services. If it is for a geographic zone you will need to supply all the stops in that zone by uploading the relevant NaPTAN dataset.

You then need to enter some information about the period ticket , eg name, price, duration and expiration.

Return

This is similar to a single ticket but you will need to select if this is a circular service or not and then repeat the information as per a single but for both outbound and inbound legs of the return journey.

Flat Fare

This is the simplest type of fare. You need to select a service then enter the name of the product and it's price.

Multi operator

This is the same as a period ticket but available for use on other operators services. You will need to choose if the product gives the right to travel across geographical zone or on specific services. If it is for a geographic zone you will need to supply all the stops in that zone by uploading the relevant NaPTAN dataset.

You will then need to search and select the different operators on whose services this product is also valid. The system will allow you to search for and select operators within your own geographical areas (as defined by the TNDS dataset).

You then need to enter some information about the period ticket , eg name, price, duration and expiration.

School Service

This journey allows you to select one of the other fare types after entering some details on age ranges and whether the product is only valid during term time (yes/no).

Final Steps

For all these fare types the journey then asks you to define how the product is sold - this is called the sales offer package. You will be able to create a bespoke sales offer package and save for re-use later across other products.

The journey concludes by asking if there is a start and expiration date to the product definition.

Once submitted you will be emailed the NeTex file after a few minutes. The NeTex file will also be available on the service itself from the download previously created NeTex screen (<https://fares-data.dft.gov.uk/createdFiles>)

Other data sources that are used in the Create Fares Data Service

Service and Route data

All your services and the routes that these services traverse.

This comes from Traveled National Dataset - TNDS

<https://www.travelinedata.org.uk/traveline-open-data/traveline-national-dataset/>

If your company does not have this data in TNDS then you will not yet be able to use the Create Fares Data service.

National Operator Codes (NOCs)

A unique code allocated to all operators. Large operators may have multiple NOCs. These are defined in the NOC database -

<https://www.travelinedata.org.uk/traveline-open-data/transport-operations/about-2/>

Bus stop data

This comes from the NaPTAN dataset. This is used to get full English bus stop names.

<https://naptan.app.dft.gov.uk/datarequest/help>